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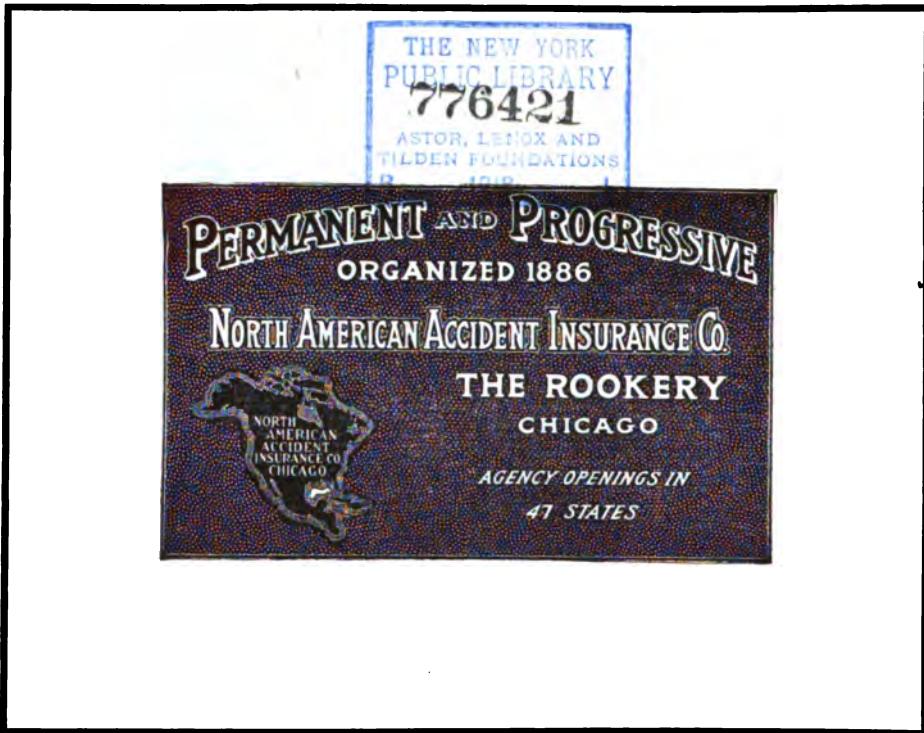
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Insurance**

LANSING, MICH.
General Agents

Old Colony Ins. Co.

BOSTON, MASS.

Capital	- - -	\$400,000
Assets	- - -	1,319,302
Surplus to Policy- holders	-	732,772

Boston Insurance Co.

BOSTON, MASS.

Capital	- - -	\$1,000,000
Assets	- - -	6,465,723
Surplus to Policy- holders	- -	3,337,729

Michigan Commercial Insurance Co.

LANSING, MICH.

Capital	- - -	\$400,000
Assets	- - -	935,534
Surplus to Policy- holders	- -	600,010

"CONTINENTAL SERVICE"

Has Been Extended to Cover

**Health, Accident, Life, Workmen's Com-
pensation and Liability Insurance**

**CONTINENTAL Casualty
Assurance COMPANIES**

H. G. B. Alexander, President

Chicago, Ill.

A REFERENCE BOOK FOR ALL WHO REQUIRE FIRE, CASUALTY OR MISCELLANEOUS INSURANCE

REPORTS OF FIRE INSURANCE COMPANIES

Every merchant, manufacturer or property owner carrying fire, casualty, fidelity, liability or other insurance (other than life), particularly those requiring large lines, who are frequently obliged to accept policies of unlicensed or light-weight fire insurance companies, or else have their property under-insured, should have at hand a copy of "REPORTS OF FIRE INSURANCE COMPANIES," by which to judge of the quality of the policies offered by agents and brokers. This book presents the latest statements of about 900 fire and marine insurance companies, in detail, with lists of their investments, etc., and also comparative statements of about 200 casualty and miscellaneous insurance companies for a series of years.

The information concerning each company is segregated, so that all desired data relating to a single company may be found by one reference, the companies being arranged in alphabetical order in their respective groups. The book also contains a complete Index.

This publication is a *compendium of the various State insurance department reports* upon fire insurance and is *more than the equivalent of a library of such reports*, for it contains the statements of many companies which are not given in any State reports, but which companies are soliciting business in the United States.

The work embraces the following-named classes of institutions: American Stock Fire and Marine Insurance Companies (licensed); Foreign Fire and Marine Insurance Companies (licensed in the United States); American Mutual Fire and Marine Insurance Companies; Underwriters Agencies; Lloyds and Reciprocal Underwriters' Associations; Unlicensed Foreign Fire Insurance Companies Casualty and Miscellaneous Insurance Companies.

Some of the information which is presented for the individual fire and marine companies is briefly described below:

ASSETS, DECEMBER 31, 1914.

Real estate.
Mortgage loans.
Bonds and stocks.
Collateral loans.
Cash.
Agents' balances.
Interest and rents.
Other assets.
Total admitted assets.

LIABILITIES, DECEMBER 31, 1914.

Losses unpaid.
Unearned premiums.
Perpetual deposits reclaimable.
Other liabilities.
Total liabilities.
Capital paid up.
Net surplus.

Total.

In elaboration of the above-specified items of assets, the companies' real estate holdings and mortgage loans are described, in sufficient detail to assist in the formation of an opinion as to their value; detailed lists of securities for collateral loans, and bonds and stocks owned, with values, etc., are given; tabulations showing the standing and business of the companies for a series of years are presented; and names of officers, directors, general and special agents are included, with other interesting and helpful information.

The San Francisco conflagration losses of the respective companies, with information concerning their consequent surplus contributions, remittances of foreign companies, etc., are also presented in this book.

The data contained in "REPORTS OF FIRE INSURANCE COMPANIES" are such as to render this publication of the utmost usefulness to all who buy or sell fire, marine, casualty or other kinds of insurance (except life). It enables the possessor to discover at once the character, importance and degree of reliability of any company whose agency or policy he is likely to be offered; and gives sufficient detail to enable him to form a just opinion upon such a company.

"REPORTS OF FIRE INSURANCE COMPANIES" comprises over 432 pages, and is substantially and handsomely bound in red cloth and gold. Price per copy, \$5.00, sent prepaid to any address in the United States, or any country in the Postal Union, on receipt of price.

The information embraced in this book is kept up to date by means of eleven MONTHLY SUPPLEMENTS, which will be furnished to subscribers to the book at \$2.00 per annum, or \$7.00 with the Annual Book. An excellent binder for the Supplements may be obtained for \$1.00.

THE SPECTATOR COMPANY, PUBLISHERS, 135 WILLIAM ST., NEW YORK

The Fidelity and Casualty Company of New York

92 Liberty Street, New York, N. Y.

Annual Statement, December 31, 1914

ASSETS	:	:	:	:	:	:	:	:	:	\$11,858,729.53
LIABILITIES	:	:	:	:	:	:	:	:	:	8,319,608.72
CAPITAL	:	:	:	:	:	:	:	:	:	1,000,000.00
SURPLUS OVER ALL LIABILITIES	:	:	:	:	:	:	:	:	:	2,539,120.81
LOSSES PAID TO DECEMBER 31, 1914	:	:	:	:	:	:	:	:	:	48,580,800.32

This Company issues contracts as follows:

Fidelity Bonds; Surety Bonds; Accident, Health, and Disability Insurance; Burglary, Larceny, and Theft Insurance; Plate Glass Insurance; Liability Insurance—Employers, Public, Teams (Personal Injury and Property Damage), Automobile (Personal Injury, Property Damage and Collision), Physicians, Druggists, Owners and Landlords, Elevator, Workmen's Compensation—Steam-Boiler Insurance; Fly-Wheel Insurance.

The Provident Life and Trust Co. of Philadelphia, Pa.

Insurance in Force (Paid for basis) :: \$316,615,000

What is the Best Form of Policy?
Write for Information.

J. THOMAS MOORE, Manager Insurance Department.

Fourth and Chestnut Streets.

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LIFE, HEALTH
AND ACCIDENT
LEGAL RESERVE
COMPANY WEST
OF NEW YORK.

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EXPERIENCE
AND CONSPICU-
OUS SUCCESS.

INSURANCE
AT ALL AGES
FROM ONE TO
SEVENTY.

CONFIDENTIAL
CONTRACTS
FOR SUPERIN-
TENDENTS, AS-
SISTANT SUPER-
INTENDENTS
AND AGENTS.



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President



J. W. SINGLETON
Secretary

HEAD OFFICE
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CHICAGO, ILLINOIS

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1915

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CASH CAPITAL, - - - \$2,500,000.00

ANNUAL STATEMENT, JANUARY 1, 1915

TOTAL ASSETS, - - - \$10,970,404.14

LIABILITIES	
CAPITAL STOCK - - -	\$2,500,000.00
Reserve for Re-insurance - - -	5,542,965.64
Reserve for all unpaid Losses - - -	583,700.36
Reserve for all other Liabilities - - -	353,301.61
TOTAL LIABILITIES	\$6,479,967.61
NET SURPLUS - - -	1,990,436.53
SURPLUS TO POLICYHOLDERS - - -	4,490,436.53
LOSSES PAID SINCE ORGANIZATION - - -	61,973,344.28

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The section entitled "Reports of Fire Insurance Companies" presents information more or less exhaustive concerning nearly 1,000 fire and marine insurance organizations (including unlicensed companies).

The importance of the fire and marine insurance transactions in the United States is indicated by the grand totals for 1914 here exhibited, taken from the Recapitulation Tables of the Fire and Marine Volume of the Insurance Year Book:

Number of companies.....	633	Total income.....	\$440,733,210
Capital paid up (U. S. Cos.)..	\$105,669,891	Losses paid	228,215,023
Assets	828,187,591	Dividends (Am. Cos., incl. mut.)	33,786,956
Net Surplus	292,454,377	Expenses	144,638,599
Net premiums	405,975,173	Total expenditures.....	406,640,578

Fire Departments and Water Supply is the title of a department in which is given extensive information as to the fire protection of 8,281 cities and towns in the United States and Canada. This department occupies 450 pages, closely printed.

The Directory of Insurance Agents (including also lists of Insurance Attorneys and Adjusters) occupies about 275 pages, 4 columns to the page, and includes about 62,000 names, being the most comprehensive list of its kind extant. Comprised therein are about 55,000 agents (35,000 of whom write fire insurance) and about 7,000 attorneys and adjusters.

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Our thanks are due to the heads of Insurance Departments of the various States and to officers of companies for their courtesy and promptness in furnishing us with desired information.

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Assets, over	361 Million Dollars
Liabilities { Including Policy Reserve, over 291 Million Dollars; and amount set aside for Holders of Deferred Dividend Policies, over 27 Million Dollars; of which there is payable in 1915, nearly 7 Million Dollars }	nearly 325 Million Dollars
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Pennsylvania	83,422,496	Sixteen Years
New Jersey	52,441,299	Seventeen Years
Illinois	41,651,305	Seven Years
Ohio	33,128,639	Eight Years
Indiana	21,711,759	Fourteen Years
Wisconsin	11,359,672	One Year
Minnesota	6,153,340	Six Years
Kansas	5,824,922	Seven Years
West Virginia	5,115,749	Five Years
Colorado	4,680,531	Six Years
Delaware	3,014,271	Nine Years

*Years 1909, 1910, 1913 and 1914.

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FINANCIAL STATEMENT

based on the Statements of the New England Casualty Company
and the

Equitable Surety Company as of December 31st, 1914.

ASSETS

Real Estate.....	\$13,838.19
Mortgage Loans.....	48,373.75
Market Value of Bonds.....	2,483,178.55
Market Value of Stocks.....	269,487.00
Cash.....	245,092.19
Premiums Receivable.....	354,523.95
Agents' Balances.....	54,451.00
Other Assets.....	77,136.67
(Non Ledger Assets)	
Accrued Interest.....	28,468.12
Net Assets.....	\$3,574,549.42

LIABILITIES

Loss Reserves.....	\$619,536.89
Premium Reserves.....	949,440.07
Commission Reserves.....	83,732.95
Tax Reserves.....	35,347.68
Accounts Payable.....	9,500.00
Other Liabilities.....	51,039.57
	1,748,596.96
Surplus.....	825,952.4
Capital.....	1,000,000.00
	\$3,574,549.42

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SIXTY-SECOND ANNUAL STATEMENT, JANUARY 1, 1915

Capital	\$500,000.00
Assets (to protect Policyholders)	4,378,293.21
Conflagration Surplus	200,000.00
Surplus to Policyholders	2,268,036.88
Net Surplus to Stockholders	1,568,036.88

TOTAL LOSSES PAID SINCE ORGANIZATION, \$22,979,147.00



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Excess of Payments over Receipts	- -	\$10,612,872.70
Paid Dividends in 1914	- - - -	\$17,626,265.36

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STATEMENT, JANUARY 1, 1915

Cash Capital.....	\$250,000
Reserve for Reinsurance.....	254,626
Unpaid Losses and other Liabilities.....	27,167
Net Surplus.....	229,309
Total Assets.....	\$761,102

Surplus to Policy Holders.....	\$ 479,309.00
Losses paid since organization..	4,169,384.00
Income, 1914.....	256,744.00
Disbursements, 1914.....	194,061.00

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STATEMENT JANUARY 1, 1915
New York Basis

Reserve for Reinsurance, - -	\$2,066,825.60
Reserve for Losses, - - - -	96,535.66
Reserve for Contingencies, - -	125,000.00
Reserve for all other Liabilities,	46,345.17
Net Cash Surplus, - - - -	1,084,759.90
Total Assets, - - -	\$3,419,466.33
Surplus to Policyholders,	\$1,209,759.90

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ORGANIZED 1848
LOSSES PAID MORE THAN \$19,000,000.00

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Employers' Public (Direct)	Workmen's Compensation Elevator Automobile Physicians and Surgeons	Teams Commercial Owners' and Landlords' Workmen's Collective
Public (Contingent)		
MISCELLANEOUS LINES		
Combination Automobile	Combination Residence	Burglary
Automobile Collision	Plate Glass	Flywheel
Automobile, Fire, Theft and Transportation	Elevator	Sprinkler Leakage
Vehicle Property Damage	Elevator Property Damage	Water Damage
Parcel Post	Registered Mail	Tourists' Baggage
FIDELITY AND SURETY BONDS		FIRE AND MARINE
LIFE		

ÆTNA LIFE INSURANCE CO.

Assets, January 1, 1915.....	\$119,516,736
Liabilities, January 1, 1915.....	104,015,907
Surplus to Policyholders, January 1, 1915.....	15,500,829

THE ÆTNA ACCIDENT & LIABILITY CO.

Assets, January 1, 1915.....	\$3,392,950
Liabilities, January 1, 1915.....	1,307,065
Surplus to Policyholders, January 1, 1915.....	2,085,885

**THE AUTOMOBILE INSURANCE CO.
OF HARTFORD, CONN.**

Assets, January 1, 1915.....	\$791,441
Liabilities, January 1, 1915.....	198,648
Surplus to Policyholders, January 1, 1915.....	592,793

Reports of Fire Insurance Companies

INTRODUCTION

Proprietors and credit men of business concerns are yearly realizing to a greater degree the dependence necessarily placed by them upon the fire insurance companies for the protection of their expanding trade interests and also more clearly understanding the importance of obtaining their insurance from safe and strong companies. However, they often find it very difficult to secure an adequate volume of good insurance to cover their enlarged risks. The conditions which had existed prior to the great San Francisco conflagration of April 18-21, 1906, not having been fully met by the legally authorized fire insurance companies, had led to the formation of numerous companies and Lloyds associations, and, later, to the organization of many inter-insurance associations, many of which had not gone through the formality of securing licenses from the State insurance officials of their respective States, and had also tempted a considerable number of foreign companies to write "surplus line" risks without making any deposit of cash or securities in this country or securing a license from any State Insurance Department. The conflagration, being followed by a greater scarcity of insurance, brought about the organization of numerous new companies, and business houses requiring considerable lines of insurance find themselves dependent, to some extent, upon such companies, many of which have ample assets to conduct business along reasonable lines, although several have already gone out of business.

A development of these conditions, in conjunction with the desire of most insurance agents and business men to have at hand some authority on the standing of the fire insurance companies, both licensed and unlicensed, with which they deal from time to time, has been a realization of the desirability of not only having all such information embraced within a single volume, instead of scattered through numerous different State reports and loose documents, but of having, equally available, sufficient details as to assets, liabilities, etc., to enable those interested in any particular company to judge as to its actual standing. To meet this requirement, this department of The Insurance Year Book has been prepared. We trust that it will be found serviceable in giving subscribers correct information as to the standing of concerns whose policies they may be offered, and in saving them from dealing with unreliable companies. In this connection we suggest that subscribers read carefully the remarks at the head of each of the respective groups of organizations.

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Paper Mill Mutual Ins. Co., Boston	316	Rossia Ins. Co., Petrograd	2
Parkersburg German Ins. Co., Parkersburg, W. Va.	377	Royal Ins. Co., Liverpool	2
Pasadena Fire Ins. Co., El Paso, Tex.	376	Royal Exchange Assur., London	2
Paternalle Fire Ins. Co., Paris	214	Royal Standard Underwriters, Chicago	3
Patrons Mutual Fire Ins. Co., Hartford, Conn.	317	Royal Underwriters Agency, Chicago	3
Patrons of Husbandry Fire Relief Assn., Newburgh, N. Y.	317	Rubber Manufacturers Mutual Ins. Co., Boston	3
Pawtucket Mutual Fire Ins. Co., Pawtucket, R. I.	317	Russian Reins. Co., Petrograd	2
Peerless Fire Ins. Co., Waco, Tex.	140		
Penn Mutual Fire Ins. Co. of Chester Co., W. Chester, Pa.	318	St. Paul Fire & Marine Ins. Co., St. Paul	1
Penn Underwriters, Pittsburg, Pa.	350	Safeguard Fire Ins. Co., New York	1
Pennsylvania Fire Ins. Co., Philadelphia	140	Safety Mutual Fire Ins. Co., Lebanon, Pa.	3
Pennsylvania Lumbermens Mutual Fire Ins. Co., Phila.	318	Salamander Fire Ins. Co., Washington, D. C.	3
Pennsylvania Millers Mutual Fire Ins. Co., Wilkes-Barre	319	Salamandra Ins. Co., Petrograd	2
Peoples Co-operative Underwriters, Chicago, Ill.	376	Salem County Mutual Ins. Co., Salem, N. J.	4
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San Houston Inter-Ins. Exchange, Houston, Tex.	372	Triton Ins. Co., Helsinki, Finland.	391
Savannah Fire Ins. Co., Savannah, Ga.	158		
Scott Underwriters, San Francisco	351	Underwriting Agreement, New York	373
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Scottish Union & National Ins. Co., Edinburgh	221	Underwriters Fire Ins. Co., Concord, N. H.	172
Sea Ins. Co., Liverpool	223	Underwriters Fire Ins. Co., Rocky Mount, N. C.	173
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Second Russian Ins. Co., Petrograd	223	Underwriters at Lloyds of Minneapolis	373
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Securitas Generale Ins. Co., Brussels, Belgium	390	Union Fire Ins. Co., Buffalo, N. Y.	175
Security Mutual Fire Ins. Co. of Delaware Co., Delhi, N. Y.	330	Union Fire Ins. Co., Chicago	377
Security Fire Underwriters, Chicago	376	Union Fire Ins. Co., Paris	231
Security Mutual Fire Ins. Co., Chatfield, Minn.	330	Union Ins. Co., Bangor, Me.	174
Security Ins. Co., Cincinnati	159	Union Ins. Society of Canton, Ltd.	391
Security Fire Ins. Co., Davenport, Ia.	159	Union Ins. Co., Pittsburg	175
Security Ins. Co., New Haven, Conn.	160	Union & Phenix Espanol Ins. Co., Madrid	232
Security Fire & Marine Assur. Co., Washington, D. C.	377	Union Marine Ins. Co., Liverpool	232
Seneca Fire Ins. Co., Buffalo, N. Y.	162	Union Mutual Fire Ins. Co., Lincoln, Neb.	337
Shawnee Fire & Marine Ins. Co., Lima, O.	162	Union Mutual Fire Ins. Co., Montpelier, Vt.	337
Shenbury Mutual Fire Ins. Co., Easton, N. J.	330	Union Mutual Fire Ins. Co., Providence	337
Shields Ins. Co., Stockholm	224	Union Nat. Fire Ins. Co. of the U. S., Indianapolis	343
Skandinavisk Reins. Co., Copenhagen, Denmark	390	Union Underwriters, New York	374
South Carolina Ins. Co., Columbia, S. C.	162	Union Underwriters, New York	376
South Davaers Mutual Fire Ins. Co., Peabody, Mass.	331	United American Underwriters Agency, Minneapolis	352
South Eastern Fire Ins. Co., Chicago and Richmond, Va.	377	United Assurance Assn., Dallas, Tex.	375
South German Reins. Co., Munich	224	United Druggists Mutual Fire Ins. Co., Boston	337
Southern Fire Ins. Co., Atlanta, Ga.	377	United Firemen's Ins. Co., Philadelphia	176
Southern Home Ins. Co., Charleston, S. C.	163	United Owners Fire Ins. Co., Springfield, Ill.	343
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Southern Mutual Ins. Co., Athens, Ga.	331	United States Ins. Co., Memphis, Tenn.	243
Southern States Mutual Fire Ins. Co., Philadelphia	332	United States Lloyds, New York	375
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Swiss National Ins. Co., Basle, Switzerland	228	Western Grain Dealers Mutual Fire Ins. Assn., Des Moines, Ia.	339
Swiss Reinsurance Co., Zurich, Switzerland	229	Western Ins. Co., Pittsburg	181
Swissland General Ins. Co., Zurich, Switzerland	229	Western Lumber Underwriters, Kansas City, Mo.	376
		Western Millers Mutual Fire Ins. Co., Kansas City, Mo.	340
Tennessee Farmers Mutual Fire Ins. Co., Nashville, Tenn.	334	Western Mutual Fire Ins. Co., Urbana, O.	340
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Tedonia Fire Ins. Co., Pittsburg	170	Western Union Fire Underwriters, Chicago, Ill.	376
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Texas City Fire Ins. Co., Lowell, Mass.	343	Williamsburgh City Fire Ins. Co., Brooklyn	181
Thames & Mersey Marine Ins. Co., Liverpool	230	Winnipeg Fire Underwriters Agency, New York	352
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Thresher Fire Ins. Co., Cambridge, Md.	377	Worcester Manufacturers Mutual Ins. Co., Worcester, Mass.	341
Thine Marine Ins. Co., Tokio, Japan	230	Worcester Mutual Fire Ins. Co., Worcester, Mass.	342
Thine Fire & Marine Ins. Co., Sandusky, O.	171	World Marine Ins. Co., London, Eng., Ltd.	391
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LIST OF ABBREVIATIONS

USED IN THE FOLLOWING PAGES:

Adl., additional.	Ex., Exchange.	Mass., Massachusetts.	R. R., railroad.
Ad., adjustment.	Eq., equipment.	Md., Maryland.	Ra., rights.
Ala., Alabama.	Ext., extended.	Me., Maine.	Ry., railway.
Alas., Alaska.	Extn., extension.	Mfg., manufacturing.	Sav., savings.
Amer., American.	F., funding.	Mich., Michigan.	S. C., South Carolina.
Ariz., Arizona.	Fla., Florida.	Minn., Minnesota.	S. D., South Dakota.
Ark., Arkansas.	G., gold.	Miss., Mississippi.	Sch., school.
Assn., Association.	Ga., Georgia.	Mo., Missouri.	Ser., series.
Bg., bridge.	Gn., general.	Mont., Montana.	S. I., sinking fund.
Ba., bonds.	Gt., great.	Mtn., mountain.	So., south or southern.
Bk., bank.	Gr., guaranteed.	M., mortgage.	St., street.
Bkg., banking.	Haw., Hawaii.	Nat., national.	Stk., stock.
Blg., building.	Ht., Heat.	Neb., Nebraska.	Sr., Sewer.
C., coupon.	Htg., Heating.	Nev., Nevada.	T., Term.
C. H., courthouse.	Ida., Idaho.	N. H., New Hampshire.	Tl., telephone.
Cal., California.	Ill., Illinois.	N. J., New Jersey.	Tg., telegraph.
Can., Canada.	Illg., illuminating.	N. M., New Mexico.	Tenn., Tennessee.
Co., company or county.	Imp., improvement.	N. Y., New York.	Tm., terminal.
Col., collateral.	Insp., inspection.	N. C., North Carolina.	Ter., Territory.
Colo., Colorado.	Inc., income.	N. D., North Dakota.	Tex., Texas.
Com., common.	Ind., Indiana.	No., north or northern.	Tr., Trust.
Conn., Connecticut.	Inv., investment.	N., Notes.	Tc., traction.
Cp., Corporate.	Ia., Iowa.	Nwn., northwestern.	Tun., tunnel.
Cs., consolidated.	Int., International.	O., Ohio.	U. S., United States.
Cv., convertible.	Jc., junction.	Okla., Oklahoma.	Va., Virginia.
Ctf., certificate.	Kan., Kansas.	Ore., Oregon.	Val., valley.
Cur., currency.	Ky., Kentucky.	Pa., Pennsylvania.	Vt., Vermont.
Cy., City.	La., Louisiana.	Pac., Pacific.	W., west or western.
D., debenture.	Lt., light.	PR., Porto Rico.	Wat., water.
Del., Delaware.	Ltd., limited.	Pow., Power.	Wash., Washington.
Dep., deposit.	Ltg., lighting.	P., preferred.	W. Va., West Virginia.
D. C., Dist. of Columbia.	Loco., locomotive.	R., Refunding.	Wis., Wisconsin.
Div., division.	Ln., Lien.	R. E., Real Estate.	Wks., works.
Dis., District.		Reg., registered.	Wyo., Wyoming.
E., east or eastern.		R. I., Rhode Island.	
El., electric.			

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AMERICAN STOCK FIRE AND MARINE INSURANCE COMPANIES

The following pages contain abstracts of the official statements covering the year 1914, of all regularly licensed joint stock fire and marine insurance companies now domiciled and operating in the United States, together with summaries of their condition and business for each of the last five years.

Note.—The Net Premiums given in the following tables, for practically all of the companies, represent the gross premiums written less amounts paid for reinsurance, rebate, abatement and return premiums in the respective years, except 1913-14, when deductions apply to business written in that year. Total income excludes deposits received on perpetual policies, premiums of previous year received, and other extraneous items. Expenses exclude deposits returned on perpetual policies and other items which cannot properly be classed as expenses.

ÆTNA INSURANCE COMPANY, Hartford, Conn.‡

President, Wm. B. Clark; Vice-Presidents, Henry E. Rees, A. N. Williams; Secretary, E. J. Sloan; Marine Secretary, W. F. Whittelsey; Assistant Secretaries, E. S. Allen, Guy E. Beardsley, Ralph B. Ives. Organized, 1819.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$23,400,527	\$9,820,314	\$6,668,448	\$10,816,447	\$11,772,971	\$85,892,315	\$900,000	\$3,773,379	\$10,566,694	\$6,197,371
1913	22,481,260	9,050,728	6,900,390	9,948,471	10,891,069	5,519,795	900,000	3,560,783	9,980,548	5,531,250
1912	22,892,779	8,542,177	7,985,668	9,574,431	10,493,216	4,977,974	1945,000	3,390,194	9,213,168	5,075,245
1911	22,017,260	7,930,856	7,839,723	8,906,034	9,816,103	4,565,263	1945,000	3,039,398	8,579,551	4,569,335
1910	21,023,545	7,424,218	7,369,016	8,327,845	9,117,482	3,956,749	749,864	2,876,339	7,582,952	3,996,928

Unearned premiums include amounts reclaimable on perpetual policies. † Includes \$1,840,296 marine premium and \$820,347 marine bonus. ‡ Includes \$1,000,000 premium on new stock. † Includes \$145,000 tax paid for stockholders.

Assets, Dec. 31, 1914.	LIABILITIES, Dec. 31, 1914.
Real estate..... \$410,000	Losses unpaid..... \$1,027,665
Bonds and stocks..... 18,939,550	Unearned premiums..... 9,712,597
Cash..... 1,975,818	Perp. dep. ree..... 107,717
Agents' balances..... 1,968,523	Other liabilities..... 884,110
Interest..... 102,972	
Other assets..... 3,664	
	Total liabilities..... \$11,732,079
	Capital paid up..... 5,000,000
	Net surplus..... 6,668,437
Total assets..... \$23,400,527	Total..... \$23,400,527

Underwriting loss, \$166,090; investment profit, \$813,620.

RISKS AND PREMIUMS: Fire risks in force (except perpetuals), December 31, \$1,557,584,399; premiums thereon, \$17,544,796; marine and inland risks in force, \$50,199,887; premiums thereon, \$1,041,524; perpetual fire risks, \$5,203,419; deposit premiums thereon, \$119,685.

BUSINESS SINCE ORGANIZATION: Premiums received, \$27,562,468; losses paid, \$144,392,663; dividends declared, cash, \$24,301,365; stock, \$2,805,000.

REAL ESTATE OWNED: Consists of the company's home office building, 662-680 Main st., Hartford, which property cost \$92,308 and is carried at a valuation of \$375,000, and a dwelling at 45 Prospect st., Hartford, carried at cost (\$35,000).

BONDS AND STOCKS OWNED:	Par Value	Market Value.
United States, g., 1925, 4%.....	\$100,000	\$111,000
Albany, N. Y., imp., 1918-21, 4½%.....	50,000	50,500
Albany, Ore., blvd., 1921, 6%.....	25,000	27,250
Amesbury, Ga., pub. blg., sc., wat. & sr., 1919-1920, 6%.....	18,000	18,900
Bainbridge, Ga., acad., 1915-1926, 6%.....	8,000	6,240
Baldwin, N. Y., imp., 1918-21, 4½%.....	10,000	9,800
Baltimore, Md., 1921, 4%.....	40,000	39,200
Boston, Mass., 1922, 4%.....	25,000	24,750
Bridgport, Conn., sr., 1919-21, 4½%.....	25,000	25,500
Buffalo, N. Y., imp., 1939, 4%.....	22,500	22,050
Buffalo, N. Y., wat., 1917, 4½%.....	25,000	25,250
Calgary, Al., d., 1923, 5%.....	25,000	24,500
Chicago, Ill., san. dis., 1922, 4%.....	50,000	52,500
Cleveland, O., wat., 1919, 4½%.....	80,000	84,800
Columbia, S. C., r., 1914, 5%.....	80,000	82,000
Conn. State, 1934, 4%.....	100,000	98,000
Conn. State, 1934, 4½%.....	100,000	98,000
Dallas, Tex., wat. & sr., 1920, 5%.....	36,000	37,080
Durham, N. C., sc., 1935, 4½%.....	25,000	24,500
Ga. State, 1923-29, 3½%.....	10,000	9,600
Greensboro, N. C., sc., 1922, 6%.....	24,000	25,680
Greenville, Ala., sc., 1922, 6%.....	20,000	21,000
Greenville, Conn., r., 1929-33, 3½%.....	25,000	25,250
Hamilton, Ont., d., 1920, 4%.....	46,000	44,180
Hamilton, Ont., d., 1932, 4%.....	25,000	22,750
Hartford, Conn., Conn. R.R., 1904, 3½%.....	50,000	44,500
Hartford, Conn., h. sc., 1939, 4½%.....	50,000	53,000
Hartford, Conn., wat., 1939, 4%.....	50,000	50,000

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
Jersey City, Cy. H., 1923, 5%.....	\$25,000	\$26,250
Jersey City, r., 1928, 4½%.....	25,000	25,750
Jersey City, wat., 1961, 4½%.....	55,000	57,750
Lexington, Ky., 1918, 5%.....	50,000	51,000
Manitoba Prov., 1947-8, 4%.....	15,000	15,500
Maryland State, 1927, 4%.....	25,000	25,000
Mecklenburg Co., N. C., 1920, 6%.....	72,000	75,600
Meriden, Conn., H. Sc., 1937-8, 4½%.....	50,000	51,000
Milford, Conn., 1927, 4%.....	21,000	20,790
Milwaukee, pk., 1917-29, 4½%.....	17,000	17,510
Milwaukee, lib., 1917-32, 4½%.....	8,000	8,240
Minneapolis, wat., 1920, 4%.....	25,000	24,750
Montclair, N. J., H. Sc., 1944, 4½%.....	50,000	52,500
Montreal, s. f., 1942, 4%.....	50,000	45,500
Montreal, ep. stk., 1926, 4%.....	6,000	5,700
Montreal, harb., 1917, 4%.....	4,000	3,960
Nashville, H. Sc., 1940, 4½%.....	37,000	37,000
Nassau Co., N. Y., 1943, 4½%.....	50,000	51,250
Newark, N. J., f., 1944, 4½%.....	25,000	25,875
N. Britain, Conn., mun. blg., 1948, 4%.....	100,000	98,000
New Britain, Conn., pk., 1915-38, 4½%.....	48,000	49,920
New Britain, Conn., sc., 1923-5, 4½%.....	22,000	21,580
New Haven, st. imp., 1936, 4%.....	50,000	49,000
New Mexico Terr., 1915-25, 5%.....	10,000	10,000
N. Y. Cy., ep. stk., 1957, 4½%.....	50,000	53,500
N. Y. Cy., ep. stk., 1960, 4½%.....	50,000	50,500
N. Y. Cy., ep. stk., 1915, 6%.....	60,000	60,000
North Haven, Conn., 1943, 4½%.....	35,000	37,100
Norwalk, Conn., 1942, 4½%.....	25,000	25,000
Norwich, Conn., r., 1938, 4½%.....	25,000	26,250
Plainfield, N. J., sr., 1925-7, 5%.....	10,000	10,600
Plainfield, N. J., sr., 1926-8, 5%.....	15,000	15,900
Portland, Ore., pk. & blvd., 1933, 4%.....	50,000	49,000
Pt. Portland, Ore., g., 1922, 5%.....	50,000	51,000
Rahway, N. J., adj., 1922, 4%.....	22,000	21,120
Richmond, Va., pub. imp., 1943, 4%.....	25,000	25,250
Richmond, Va., 1929-38, 4%.....	25,000	23,500
Roanoke, Va., pub. blg., 1941, 4½%.....	25,000	24,500
Roanoke, Va., st. imp., 1938, 4%.....	30,000	27,900
Schenectady Co., N. Y., 1915-29, 4½%.....	29,000	29,580
Spartanburg, S. C., sc., 1932, 4½%.....	25,000	25,250
Spokane, Wash., bg., 1934, 4½%.....	21,000	21,000
Spokane, Wash., r., 1923, 4½%.....	50,000	50,000
Spokane, Wash., r., wat., 1931, 4½%.....	25,000	25,000
Stamford, Conn., H., 1938, 4%.....	50,000	49,500
Stamford, Co., pub. pk., 1942, 4%.....	25,000	24,750
Syracuse, N. Y., wat., 1915-28, 4½%.....	28,000	25,860
Syracuse, N. Y., int. sr., 1928-9, 4½%.....	20,000	20,800
Tacoma, Wash., bg., 1929, 4½%.....	30,000	30,200
Toronto, d., 1920, 4%.....	10,000	9,700
Toronto, gn. ca. l. d., 1948, 4%.....	24,333	21,666
Torrington, Conn., tn. sc., 1939, 4½%.....	25,000	27,000
W. Hdd., Conn., tn. & imp., 1943, 4½%.....	100,000	106,000
Westmount, Ave., d., 1938, 3½%.....	50,000	42,500
Winston, N. C., 1924, 5%.....	25,000	25,500
Ala. C. R.R., 1 m. g., 1918, 6%.....	50,000	52,500

‡ Transmits both fire and marine business.

BONDS AND STOCKS OWNED.—Cont.
BONDS.—Cont.

Market Value.

BONDS AND STOCKS OWNED.—Cont.
BONDS.—Cont.

N. H. & N., ca. r. m., 1956, 4%	\$50,000	\$41,500
New Lon. No. R.R. 1 m., 1940, 4%	50,000	41,500
N. Y., L. & W. Ry. Tm. & Imp. m., 1923, 4%	100,000	96,000
N. Y., L. E. & W. R.R. 1 ca. g., 1920, 7%	100,000	110,000
N. Y., N. H. & H. R.R., cv. d. ctfs., 1923-48, 8%	250,000	265,000
N. Y., N. H. & H. R.R., d., 1956, 4%	250,000	185,000
N. Y., N. H. & H. R.R., 1915, 5%	100,000	100,000
N. Y., N. H. & H. R.R. & P.C., 1 m., 1954, 4%	250,000	225,000
N. Y., S. & W. R.R. 1 m. tm., 1943, 5%	50,000	52,500
N. Y., S. & W. R.R. 1 r. m., 1937, 5%	60,000	57,000
N. & W. R.R. g. m., 1931, 6%	100,000	120,000
N. & W. R.R. 1 m., 1932, 6%	45,000	54,000
No. Pac. Gt. Nojt. C.B. & Q. col., 1921, 4%	250,000	242,500
N. Wn. Union R.R. 1 m. f. n., 1917, 7%	100,000	107,000
Ore. Sh. L. Ry., 1 m., 1922, 6%	160,000	176,000
O. S. L. Ry. 1 c. m., 1946, 5%	35,000	37,800
Oswego R.R. bg., 1 m., 1915, 6%	50,000	50,000
O. & S. R.R. g. const. m., 1923, 5%	23,000	24,150
Pt. R. R.R., 1 m., g. g., 1941, 5%	100,000	105,000
R., W. & O. R.R., 1 ca. m., 1922, 4%	100,000	108,000
St. P., M. & M. R.R., ca., 1 m., 1933, 6%	110,000	141,450
St. P., M. & M. R.R., c., 1 m., 1933, 4%	40,000	39,600
St. P., M. & M. R.R. c., 1 m., 1933, 3% ⁹	29,000	30,160
St. P. & M. R.R. c., 1 m., 1937, 4%	50,000	48,000
St. P. & N. P. R.R. 1 m., 1924, 6%	200,000	223,600
St. P. & S. C. R.R., 1 m., 1919, 6%	125,000	133,750
San F. & San J. V. Ry. m., 1940, 5%	25,000	27,000
S. St. M. & S. W. Ry. c. m., 1915, 5%	20,000	20,000
So. Ry. 1 ca. m. g., 1904, 5%	50,000	52,500
So. Ry. (St. L.) 1 m., 1951, 4%	50,000	43,500
T. H. & P. R.R., 1 m. g., 1942, 5%	25,000	26,000
T. & O. C. R.R., 1 m. g., 1935, 5%	50,000	52,500
T. & O. C. R.R., 1 m., 1935, 5%	50,000	52,000
T. H. & B. Ry., 1 m. g., 1946, 5%	100,000	86,000
U. P. R.R. 1 m., R.R. & I. g., 1947, 4%	50,000	48,500
U. N. J. R.R. & C. g. l., 1929, 4%	106,000	104,940
Vt. Val. R.R. 1 m., 1940, 4%	100,000	95,000
Wabash R.R., 1 m. g., 1939, 5%	100,000	103,000
Wash. Tm., 1 m., 1945, 34%	35,000	29,400
West Shore R.R., 1 m., 2361, 4%	100,000	93,000
Will. & S. F. R.R., 1 m. g., 1938, 5%	105,000	115,500
Arsenal Sc., Hartfd., 1942, 4%	50,000	49,500
Masonic Temp., Will., N. C., 1919, 6%	30,000	31,500
M. Bd., N. Y., 1966, 4%	25,000	22,500
N. Y. Dock 1 m. g., 1951, 4%	55,000	43,450
No. East Sc., Hartfd., 1931, 34%	20,000	18,600
No. West Sc., Hartfd., 1938, 4%	30,000	29,700
Peoples Gas Lt. & Coke, Chi., r., 1947, 5%	50,000	50,500
Toronto Mtg., 1916, 4%	50,000	49,000

STOCKS.

Alb. & Susq. R.R.	50,000	132,500
Alle. & W. Ry.	30,000	39,300
B. & O. R.R., p	30,000	24,300
C. M. & St. P. Ry., p	150,000	201,000
C. M. & St. P. Ry., com	60,000	59,400
C. & Nwn. R.R., p	50,000	58,500
C. & Nwn. R.R., com	60,000	7,800
C. C. & St. L. R.R., p	100,000	50,000
C. & Pitts. R.R.	50,000	83,000
Conn. Riv. R.R.	30,000	54,000
Day. & Atl. R.R., p	15,000	27,450
Del. & B. R.R.	30,000	55,200
Pt. W. & Jackson R.R., p	50,000	61,000
Ga. R.R. Bkg	50,000	130,000
Ill. Cent. R.R.	40,000	44,800
Ill. Se. Ry. com	18,100	
Joliet & Chi. R.R.	10,000	13,500
Kal., All. & Gd. Rpd. R.R.	45,000	58,500
Morris & Essex R.R.	50,000	85,500
N. Y. C. & H. R.R.	180,000	162,000
N. Y. L. & W. R.R.	35,000	40,600
N. Y. N. H. & H. R.R.	481,300	264,715
Onwego & Syr. R.R.	45,000	90,000
Pa. R.R.	220,000	244,200
Peoria & Bur. Val. R.R.	30,000	42,000
Pitts., Ft. W. & Chi. R.R.	100,000	164,000
Rens. & Sar. R.R.	100,000	180,000
St. J. S. B. & S. R.R., p	14,000	14,000
St. J. S. B. & S. R.R., com	50,000	12,500
U. C. & Susq. Val. R.R.	30,000	40,800
Val. N. Y. R.R.	40,000	46,000
Actna Nat. Bk. Hartford	20,000	64,000
Amex. Exch. Nat. Bk. N. Y.	40,000	83,200
Bk. of Manhattan Co., N. Y.	20,000	64,200
Bk. of N. Y. Nat. Bk., Assn., N. Y.	30,000	113,700
Cent. Tr. N. Y.	30,000	307,200

ÆTNA INSURANCE COMPANY, Hartford, Conn.—Continued.

Bonds and Stocks Owned.—Cont.	Par Value.	Market Value.
Chas. Oak Nat. Bk., Hartford	\$40,000	\$68,000
City Bk., Hartford	20,000	22,200
Conn. Riv. Bk., Hartford	4,500	13,500
Farmers & Mech. Nat. Bk., Phila.	25,000	33,750
First Nat. Bk., Hartford	30,000	52,800
First Nat. Bk. N. Y. City	7,500	67,050
Hasover Nat. Bk., N. Y. City	30,000	199,500
Hartford Nat. Bk., Hartford	100,000	186,000
Holland Tr. N. Y. C. liq.	20,000	3,000
Imp. & Traders Nat. Bk., N. Y. C.	30,000	155,700
Inter. Bk. Co., N. Y. C.	10,000	10,000
Market & Fulton Nat. Bk., N. Y. C.	11,200	23,000
Mech. & Metal Nat. Bk., N. Y. C.	34,500	84,370
Mech. Exch. Nat. Bk., N. Y. C.	6,000	10,680
Mech. Nat. Bk., N. Y. C.	35,000	61,800
Metropolitan Tr. N. Y. C.	10,000	38,000
Nat. Bk. Commerce Sec., N. Y. C.	62,500	105,000
Nat. City Bk., N. Y. C.	50,000	170,000
Nat. Exch. Bk., Hartford	27,500	44,550
New Britain Nat. Bk.	10,000	17,000
New York Life Ins. & Tr.	15,000	148,250
Peoples Bk., N. Y. C.	5,000	11,600
Peoples Nat. Bk., Hartford	102,000	169,000
State Bk. & Tr., Hartford	55,000	143,000
Third Nat. Bk., N. Y. C. liq.	10,000	500
Union Trust, N. Y. C.	30,000	112,700
U. S. Tr. N. Y. C.	10,000	109,000
Amer. Tel. & Cable	40,000	24,000
Gen. Adj. Bur., N. Y.	450	450
Gold & Sil. Tr.	30,000	34,800
International Ocean Tr.	30,000	28,500
Northwest Tr.	50,000	55,500
Pac. Coast Adj. Bur., San Francisco	500	500
So. Adj. Bur., Atlanta	500	500
Underwriters' Salv., Chicago	1,000	1,000
Underwriters' Salvage, N. Y.	1,000	1,000
Totals (book value, \$18,760,776).....	\$17,055,683	\$18,939,550

MISCELLANEOUS: Company began business with a capital stock of \$150,000, of which \$15,000 was paid in; by 1864 the capital had been increased to \$2,250,000 by means of \$180,000 cash paid in, and \$2,055,000 of stock dividend, the increases having been made as follows: In 1822, to \$200,000; in 1846, to \$250,000; in 1849, to \$300,000; in 1854, to \$500,000; in 1857, to \$1,000,000; in 1859, to \$1,500,000; in 1864, to \$2,250,000. Increased in 1866 to \$3,000,000 by stock dividend. In 1871 the capital was reduced to \$1,500,000 and increased again to \$3,000,000 by payment of \$1,500,000 by stockholders. Increased to \$4,000,000 in 1931 by sale of stock, and in 1910 to \$5,000,000 and \$1,000,000 realized on sale of new stock. Configuration losses: New York, 1845, \$120,000; St. Louis, 1849, \$125,000; Charleston, S. C., 1852, \$104,000; Montreal, 1852, \$105,000; Portland, Me., 1866, \$170,000; Vicksburg, 1867, \$110,000; Chicago, 1871, \$3,782,000; Boston, 1872, \$1,635,000; St. John, N. B., 1873, \$262,000; Ottawa, Can., 1900, \$198,000; Jacksonville, Fla., 1901, \$168,000; Baltimore, 1904, \$727,000; Toronto, 1904, \$181,000; San Francisco, 1906, \$2,910,893. Market values of special deposits: Can., \$329,776; Ga., \$9,600; Va., \$51,400; N. M., \$10,000; N. C., \$24,500. Statement according to Conn. standard.

DIRECTORS: Austin C. Dunham, Morgan G. Bulkeley, Atwood Collins, William B. Clark, Francis Goodwin, Charles E. Green, James H. Knight, Charles P. Cooley, Arthur L. Shipman,

Chas. L. Spencer, Lyman B. Brainerd, Chas. A. Goodwin, Henry E. Ross, A. N. Williams, J. P. Morgan.

FIELD MEN AND TERRITORY COVERED: Special jurisdiction of the home office extends over the New England, Middle and South Atlantic States, Louisiana, Mississippi, Texas, Arkansas, Oklahoma and the Dominion of Canada. Special agents at home office: W. H. Wart, Portland, Me., for Me. and N. H.; W. H. Boutell, F. W. Mathews, Boston, Mass., for Mass. and R. I.; F. W. Brodie, Hartford, Conn., for Vt., Western Mass. and Conn.; Joseph W. Russell, resident attorney, New York City; J. M. Biggert, Arthur Horton, New York, N. Y., for N. Y. C. and N. J.; W. C. Roach, Rochester, N. Y., H. B. Smith, Syracuse, N. Y., H. B. Nugent, Albany, N. Y., for N. Y. State; C. J. Irvine, Philadelphia, Pa., for Eastern Pa.; H. O. Kline, Pittsburgh, Pa., for Western Pa.; A. Lohmeyer, Parkersburg, W. Va., for W. Va.; O. H. King, Richmond, Va., for Va.; P. W. D. Jones, Charlotte, N. C., for N. C.; J. S. Middleton, Columbia, S. C., for S. C.; C. L. Ruse, Atlanta, Ga., for Ga.; C. D. Winn, Jr., Atlanta, Ga., for Ga.; G. W. Mills, Jacksonville, Fla., for Fla.; S. L. Johnson, Birmingham, Ala., for Ala.; I. B. Beard, Jackson, Miss., for Miss.; E. C. French, New Orleans, La., for La.; P. P. Tucker, Dallas, Tex., State agent for Tex.; E. Wright, J. A. Brackney, W. S. Clark, Dallas, Tex., special agents for Tex.; W. Ross McCain, Little Rock, Ark., State agent for Ark.; Fred C. Clarke, Oklahoma City, State agent for Okla.; A. G. O'Neill, Oklahoma City, Okla., special agent for Okla.; J. B. Hughes, Waterloo, Ont.; J. R. Stewart, Toronto, Ont., special agents for Can.; Thos. E. Gallagher, general agent; Louis O. Kohte, general agent (marine department), Chicago, Ill., for Western branch, comprising Colo., Kan., Mo., O., Wyo., Ill., Ky., Neb., S. D., Ind., Mich., N. D., Tenn., Ia., Minn., N. M., Wis., special agents Western department: Wm. B. Goodwin, Columbus, O., State agent for O.; C. R. Loomis, Painesville, O., for O.; P. J. Robinson and V. L. Gallagher, Columbus, O., for O.; Louis H. Wolff, Indianapolis, Ind., State agent for Ind.; W. B. Stoner, N. B. Berry, H. C. Wolff, Indianapolis, Ind., special agents for Ind.; W. E. VanDeventer, Chicago, Ill., State agent for Ill.; A. E. VanDeventer, Chicago, Ill., special agent for Ill.; Watts Roseborough, S. M. LaRose, J. H. Good, Springfield, Ill., special agents for Ill.; G. A. Armstrong, Detroit, Mich., State agent for Mich.; F. W. Groves, Detroit, Mich., special agent for Mich.; Paul E. Rudd, Milwaukee, Wis., State agent for Wis.; James K. Polk, Nashville, Tenn., State agent for Tenn.; L. B. Manson, Louisville, Ky., State agent for Ky.; G. Gordon Long, Louisville, Ky., special agent for Ky.; W. J. Tipper, Minneapolis, Minn., State agent for Minn.; H. W. Lindquist, Minneapolis, Minn., special agent for Minn.; H. N. Stone, Fargo, N. D., State agent for N. D.; E. S. Knowles, Sioux Falls, S. D., special agent for S. D.; W. A. Hand, Des Moines, Ia., State agent, and H. C. Stuart, special agent for Ia.; C. R. Elgar, Lincoln, Neb., special agent for Neb.; J. L. Thorburn, Norfolk, Neb., special agent for Neb.; C. F. Collins, Kansas City, Mo., State agent for Mo.; J. A. Thomas, Kansas City, Mo., special agent for Mo.; E. W. Tatman, Kansas City, Mo., State agent for Kan.; C. H. O'Neill, Kansas City, Mo., special agent for Kan.; B. M. McDonald, Denver, Colo., State agent for Colo., Wyo. and N. M.; Pacific Coast Branch, San Francisco, Cal., W. H. Breeding, general agent, E. S. Livingston, assistant general agent; George E. Townsend, agency superintendent; J. A. Murphy, general adjuster; H. F. Mills, San Francisco, Cal., special agent for Central Cal.; Geo. F. Roberts, San Francisco, Cal., special agent for No. Cal. and Nev.; E. V. Culver, San Francisco, Cal., special agent for Bay Counties, Cal.; H. E. O'Brien, Los Angeles, Cal., special agent for So. Cal. and Ariz.; J. A. Gallagher, Los Angeles, Cal., special agent for So. Cal.; G. S. Mariner, Spokane, Wash., special agent for E. Wash., E. Ore., No. part Idaho and part B. C.; F. H. Rhoads, Seattle, Wash., special agent for W. Wash. and W. Ore.; H. R. Page, Vancouver, B. C., special agent for Alta., Sask. and part B. C.; J. P. Breeden, Butte, Mont., special agent for Mont., Utah and So. part Ida. The company operates in all the U. S. and in Canada.

AGRICULTURAL INSURANCE COMPANY, Watertown, N. Y.

President, W. H. Stevens; Secretary, J. Q. Adams; Assistant Secretary, P. H. Willmott. Organized, 1853.

Year.	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$4,399,864	\$1,905,253	\$1,589,608	\$1,704,781	\$1,904,846	\$1,028,128	\$100,000	\$698,188	\$1,826,316	\$1,069,079
1913	4,231,494	1,881,104	1,594,523	1,700,810	1,894,091	848,648	75,000	698,498	1,622,146	846,107
1912	4,209,131	1,833,081	1,499,519	1,697,249	1,872,160	860,371	75,000	702,914	1,638,285	858,923
1911	4,022,723	1,835,773	1,328,264	1,712,991	1,878,586	880,194	75,000	696,629	1,651,823	871,903
1910	3,783,627	1,767,214	1,222,421	1,685,574	1,887,611	777,800	75,000	701,188	1,553,988	786,494

AGRICULTURAL INSURANCE COMPANY, Watertown, N. Y.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$30,479	Losses unpaid.....	\$161,003
Mortgage loans.....	703,872	Unearned premiums.....	1,805,253
Bonds and stocks.....	2,813,814	Confignation reserve.....	200,000
Collateral loans.....	93,425	Other liabilities.....	44,000
Cash.....	409,063		
Agents' balances.....	307,217	Total liabilities.....	\$2,310,256
Interest and rents.....	42,194	Capital paid up.....	500,000
		Net surplus.....	1,589,808
Total assets.....	\$4,399,864	Total.....	\$4,399,864

Underwriting loss, \$31,304; investment profit, \$186,338.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$399,244,200; premiums thereon, \$3,700,825.

BUSINESS SINCE ORGANIZATION: Premiums received, \$45,488,028; losses paid, \$22,979,147; dividends declared, cash, \$2,192,500; stock, \$400,000.

REAL ESTATE OWNED: There are 4 items of real estate, 2 of which are sold on contract and carried at amounts due thereon. The principal item is the company's home office building, the book value of which is \$35,665, and which is carried at \$30,000. The other items are dwellings in Syracuse, Watertown, N. Y., and Rodman, N. Y.

MORTGAGE LOANS: There are 137 loans, aggregating \$704,547, which are secured by properties (principally located in Watertown and other New York cities) valued at \$2,035,570, the company holding \$570,831 of insurances on the mortgaged buildings. Most of the loans are small, and there was no past due interest on December 31, last. A few of the larger loans are as follows: \$200,000 on property in Eastchester, N. Y., valued at \$575,000; \$84,500 on paper mills at Carthage, the insurance on buildings amounting to \$130,000; \$35,000 on property in Birmingham, Ala., valued at \$230,000 (buildings insured for \$37,500); and \$73,500 on Watertown City Park (appraised at \$265,000).

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
R. E. Mtg., Buffalo, N. Y.....		\$125,000	\$8,400
Arthur G. & C., Lowville, N. Y.....		1,000	
St. Regis Paper, Defriet, N. Y., p.....		23,600	20,000
St. L. int. El. R.R. & L., Alex. Bay, N. Y.....		29,500	20,000
International Paper.....		1,617	1,300
Hunting, Watertown, N. Y.....		25,000	10,000
Watertown Nat. Bk.....		1,375	275
Ontario Talc, Gouverneur, N. Y.....		3,000	3,000
Watertown Nat. Bk.....		1,100	500
Dayton Lighting.....		3,360	2,500
Brownville Paper Co., Brownville, N. Y.....		20,000	7,500
Watertown Nat. Bk.....		2,750	1,000
Ore. Short Line R.R.....		1,740	550
International Paper.....		11,220	10,000
Brockway, Watertown, N. Y.....		10,000	8,000
West End Paper, Carthage, N. Y.....		5,000	400
Totals.....		\$152,672	\$93,425

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Asheville, N. C., wat. wks., 1922, 4%...		\$10,000	\$9,500
Dublin, Ga., imp., 1937, 5%.....		10,000	10,200
N. Y. reg., 1959, 4%.....		27,000	27,000
N. Y. State canal imp., 1958, 3%.....		25,000	24,250
Richmond, Va., 1921-27, 4%.....		27,000	26,020
St. Petersburg, Fla., 1941, 6%.....		10,000	10,500
Sullivan Township, S. C., r., 1937, 5½%.....		7,500	7,875
Watertown, N. Y. pub. imp., 1940, 4%.....		4,000	3,840
B. & O. Ry. P. L. E. & W. Va., r., 1941, 4%.....		10,000	8,600
Burl. Ry. & Lt. Co. Ia., 1 m. s. f., 1932, 5%.....		25,000	22,500
C. Ark. Ry. & Lt. Ark., 1 i. s. f., 1928, 5%.....		25,000	22,250
Chi. & E. Ill. R.R., r. & imp., 1955, 4%.....		25,000	7,500
C. & Gt. W. R.R., 1 m., 1950, 4%.....		50,000	37,000
C. M. & St. P. Ry., cv., 1932, 4½%.....		35,000	35,525
C. M. & St. P. Ry., d., 1934, 4%.....		25,000	22,750
Chi. Rys., ca. m., 1927, 5%.....		15,000	14,700
C. R. I. & Pac. Ry., 1 & r., 1934, 4%.....		25,000	18,000
Erie R.R., cv., 1953, 4%.....		20,000	14,200
Erie R.R., Pa. col., 1951, 4%.....		20,000	17,500
Federal Lt. & Tc., 1 i. s. f., 1942, 5%.....		15,000	13,200
G. H. & S. A. Ry., T. M. & P. ext., 1931, 5%.....		20,000	20,500
Int. R. T. 1 m., g., 1917, 5%.....		12,000	12,000
Inta. Ry., Buff., f. & imp., 1962, 5%.....		30,000	27,300
K. Cy. C. Co. & St. J. Ry., 1 m., 1941, 3%.....		40,000	37,600
Nash. Cy. Co. Ry., r. & imp., 1950, 5%.....		25,000	23,750
Kings Co., El. R.R., 1 m., 1949, 4%.....		25,000	20,750
Los Angeles Ry. op., 1 & r., 1940, 5%.....		25,000	22,500
Mich. Cent. R.R., d., 1929, 4%.....		15,000	12,600

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Mil. El. Ry. & Lt., gn. & r., 1951, 5%.....		\$25,000	\$22,750
Mo. Pac. Ry., eq. g., 1920, 5%.....		15,000	14,400
Mo. Pac. col. tr., 1917, 5%.....		25,000	23,750
Monong. Val. Tc., 1 m., r., 1942, 5%.....		25,000	23,250
N. Y. C. & H. R.R., L. S. col., 1938, 3½%.....		10,000	7,800
N. Y. C. & St. L. R.R., g. d., 1931, 4%.....		35,000	29,400
N. Y., N. H. & H. Ry., cv., 1948, 6%.....		8,200	9,047
N. Y., O. & W. Ry., gn. m., 1955, 4%.....		30,000	24,600
N. Y. Rys., R. E. & r. g., 1942, 4%.....		4,000	3,040
N. Y. Rys., adj., 1942, 5%.....		15,000	8,100
N. Y. State Rys., 1 cs. m., 1962, 4½%.....		50,000	44,000
Norfolk So. R.R., 1 & r., 1961, 5%.....		50,000	45,500
Okla. Ry., 1 & r., 1941, 5%.....		18,000	13,200
Puget Sd. El. Ry., 1 cs. g., 1932, 5%.....		10,000	8,600
Rio G. W. R.R., 1 cs. & col. tr., 1949, 4%.....		25,000	16,250
R. I., A. & La. R.R., 1 m. g., 1934, 4½%.....		20,000	15,200
Salt Lake & Ogden Ry., 1 m., 1934, 5%.....		40,000	37,200
Seattle El., ca. & r., 1929, 5%.....		15,000	13,850
So. Pac., cv., 1929, 4%.....		25,000	21,500
So. Pac., cv., 1934, 5%.....		10,000	10,100
So. Ry. divlp. & gn., 1956, 4%.....		25,000	18,250
St. L. I. M. & S. Ry., r. & g. div., 1933, 4%.....		25,000	18,000
Tol. Tc. Lt. & Pow., 1 ln., 1918, 6%.....		25,000	24,500
United Lt. & Rys., 1 & r., 1932, 5%.....		28,000	21,500
United Rys., St. L., gn. 1 m., 1934, 4%.....		10,000	6,900
Va. Ry. & Pow., 1 & r., 1934, 5%.....		25,000	23,000
Va. & Swm. Ry., 1 cs., 1958, 5%.....		10,000	9,100
Ad. El. Pow. Cp., 1 m., 1962, 5%.....		20,000	18,400
Am. Tl. & Tg., col. tr., 1929, 4%.....		30,000	26,700
Am. Tl. & Tg., cv., 1933, 4½%.....		6,000	5,880
Appalachian P., Va., 1 m. s. f., 1941, 5%.....		15,000	10,500
Brownville Pap., 1925, 6%.....		60,000	60,000
Ca. Lt., Vt., 1 m. s. f., 1926, 5%.....		15,000	14,100
Consumers' Pow., Mich., 1 & r., 1936, 5%.....		25,000	23,000
Dayton Ltg., O., 1 & r., 1937, 5%.....		20,000	17,600
Des Moines El., 1 m., 1938, 5%.....		25,000	23,750
Gt. W. Pow., 1 m. s. f., 1946, 5%.....		15,000	11,850
Ind. & Mich. El., 1 m., 1957, 5%.....		30,000	27,000
Int. Paper, cs. s. f., 1935, 5%.....		25,000	18,750
Iroquois Iron, 1 m., 1917, 5%.....		10,000	9,300
Iroquois Iron, 1 m., 1918, 5%.....		10,000	9,100
Mchte. Ht. & Lt., Indpls., r., 1922, 5%.....		35,000	32,900
Mtg. Bd., N. Y., 1966, 4%.....		24,000	19,920
N. Y. Bus. Bldg. cp., adj., 1927.....		7,000	5,250
N. Y. & Westchester Ltg., 2004, 4%.....		25,000	20,500
Odd Fellows' Temple, Little Falls, N. Y., 1915-30, 5%.....		16,000	16,000
Ohio Lt. & Pow., 1 m., 1944, 5%.....		30,000	27,000
Pac. Gas & El., gn. & r., 1942, 5%.....		25,000	21,250
Pac. Pow. & Lt., 1 & r., 1930, 5%.....		25,000	22,000
Pac. Tl. & Tg., s. f., 1937, 5%.....		20,000	19,400
Raquette Pdy. & Sup., Massey, N. Y., 1 m., 1918, 6%.....		8,000	4,000
Rockford El., Ill., 1 & r., 1939, 5%.....		10,000	9,500
St. Regis Paper, Defriet, N. Y., 1 m., 1923-32, 6%.....		50,000	47,500
San J. Lt. & Pow. cp., 1 & r. s. f., 1950, 5%.....		30,000	27,600
Seattle Ltg., r., 1940, 5%.....		20,000	18,000
So. Pow., 1 m., 1930, 5%.....		20,000	19,200
Tenn. Pow., 1 m., 1962, 5%.....		15,000	12,400
Tex. Pow. & Lt., 1 m., 1937, 5%.....		40,000	36,400
Utah Pow. & Lt., 1 m., 1944, 5%.....		45,000	41,400
Utica Gas & El., 1957, 5%.....		10,000	9,500
West End Paper, Carthage, N. Y., 1916-17, 6%.....		8,000	8,000
Wis. Minn. Lt. & Pow., 1944, 5%.....		35,000	32,500
STOCKS.			
Atl. Coast Line R.R.....		21,000	23,100
Atch., T. & S. F. Ry.....		54,000	53,400
Bklyn. Rap. Tran.....		20,000	18,500
Cayuga & Susq. R.R., gr.....		7,500	14,000
Chi., Mil. & St. P. Ry.....		20,000	20,000
Chi., Mil. & St. P. Ry., p.....		25,000	33,000
Chi. & Wm. Ry.....		30,000	39,000
Gt. No. Ry.....		35,000	43,000
Hereford Ry., gr.....		10,000	7,000
Ill. Cent. R.R., gr.....		1,400	1,000
Ill. Cent. R.R.....		50,000	56,000
Lehigh Va. R.R.....		20,000	27,000
L. & N. R.R.....		70,000	86,000
Morris & Essex R.R., gr.....		11,000	18,000
Morris & Essex Ext. R.R., gr.....		2,600	2,000
Nash. Chat. & St. L. Ry.....		17,800	24,000
N. & Decatur R.R., gr.....		11,900	22,000
N. Y., L. & W. Ry., gr.....		10,000	11,000
N. Y., N. H. & H. R.R.....		33,300	21,000

AGRICULTURAL INSURANCE COMPANY, Watertown, N. Y.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
STOCKS.—Cont.		Value.	Value.
No. Pac. Ry.	\$40,000	\$44,400	
Owego & Syracuse R.R., gr.	6,900	12,870	
Pa. R.R.	60,500	67,185	
Pro. Ft. W. & Chi. Ry., gr.	15,000	24,300	
Reading Co.	20,000	32,800	
So. Pac.	50,000	46,500	
Ta. Pac. R.R.	2,800	3,360	
Warren R.R., gr.	2,000	3,120	
Carthage Nat. Bk.	2,000	4,400	
Jefferson Co. Nat. Bk., Watertown, N. Y.	2,800	6,240	
Nat. Herk. Co. Bk., Little Falls, N. Y.	7,500	18,750	
No. N. Y. Tr. Watertown, N. Y.	20,000	50,000	
Watertown Nat. Bk., Watertown, N. Y.	15,000	41,250	
Amer. Loco. p.	20,000	20,000	
Amer. Tl. & Tg.	20,000	24,150	
H. H. Babcock	12,900	3,225	
Gr. Adj. Bur., N. Y.	450	450	
Gr. El.	32,500	48,100	
Hazlerford-Holbrook	34,100	34,100	
International Paper, p.	30,000	10,200	
Leasville Property, Ky.	300	90	
So. Adj. Bur., Atlanta, Ga.	250	250	
Underwriters' Salvage, N. Y.	500	625	
Underwriters' Salvage, Chi.	500	500	
Western Transportation	500		
Western Adj. & Insp., Ill.	100	100	
Totals (book values, \$2,963,628)	\$2,850,400	\$2,792,243	

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Company began business as a farmers' mutual company; became a stock company in 1863. The original capital was \$50,000, and increases have been as follows: 1865, cash, \$50,000; stock dividends, \$100,000, in 1863; \$100,000 in 1880, and \$200,000 in 1883. Conflagration losses: Baltimore, 1904, \$239,984, net; San Francisco, 1906, \$864,848, net. Values of special deposits: Va., \$26,292; Ga., \$10,200; N. C., \$9,600; Fla., \$10,500.

DIRECTORS: R. S. Whitman, J. C. Knowlton, W. H. Stevens, H. Barnum, D. M. Anderson, E. B. Sterling, W. C. Stebbins, S. A. Upham, J. Q. Adams, W. P. Herring, D. C. Middleton, R. J. Buck, P. H. Willmott.

FIELD MEN AND TERRITORY COVERED: Pacific department: General agents, Edward Brown & Sons, San Francisco; special agents, W. B. Westlake, for Nev., Central Cal.; L. M. Hale, for No. Cal.; Chas. Van Valkenburg, for So. Cal. and Ariz.; W. P. Porep, for W. Ore. and W. Wash.; Chas. A. Wendler, for E. Ore., E. Wash., Ida. and Mont.; Jesse D. Bruhl, for Utah, So. Ida. and Wyo.; A. L. Pleasants, Richmond, Va.; Edwin J. Dickey, Atlanta, Ga., for Ga., Fla., Ala. and Tenn.; N. T. Julian, Columbus, O.; P. P. Wippell, Chicago; Geo. Shaw, Boston, Mass.; F. F. Buell, Troy, N. Y.; C. H. Lacey, Birmingham, N. Y.; E. J. Parmelee, Syracuse, N. Y.; Russell Gilpin, Philadelphia, Pa.; W. S. McClellan, Philadelphia, Pa.; F. C. Sammis, Minneapolis, Minn.; H. F. Waterman, Kansas City, Mo.; E. S. Freeman, Omaha, Neb.; F. G. Herman, Indianapolis, Ind.; K. W. Schuchman, Pittsburgh, Pa.; Stuart Morgan, Howell, Mich.; The Cashman-Evans Co., Denver, Colo., general agents for Colo.; Frank B. Clarke, New Orleans, La., general agent for La. and Miss. The company operates in all the States and Territories of the U. S., except Ark., N. M., N. D., S. D. and Vt.

ALBANY INSURANCE COMPANY, Albany, N. Y.

President, J. E. McElroy; Vice-President, J. T. Lansing; Secretary, C. H. Hahn; Assistant Secretary, John P. Deal. Organized, 1811.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,085,592	\$325,725	\$462,609	\$316,779	\$373,986	\$215,920	\$25,000	\$129,496	\$370,416	\$214,548
1913	1,074,716	325,588	452,149	329,377	385,618	179,241	25,000	131,297	335,538	185,708
1912	1,047,033	308,222	453,259	322,452	376,898	197,608	25,000	125,722	348,330	188,137
1911	1,026,993	290,335	446,144	305,887	361,968	187,525	25,000	120,481	333,006	183,485
1910	997,420	287,318	419,794	319,925	371,811	152,037	25,000	124,193	301,230	158,446

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$75,000	Losses unpaid	\$41,569
Mortgage loans	241,100	Unearned premiums	325,725
Bonds and stocks	693,648	Other liabilities	5,689
Cash	23,070	Total liabilities	\$372,983
Agents' balances	46,808	Capital paid up	250,000
Interest	5,966	Net surplus	462,609
Total assets	\$1,085,592	Total	\$1,085,592

Underwriting loss, \$20,986; investment profit, \$56,445.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$64,658,503; premiums thereon, \$635,609.

BUSINESS SINCE ORGANIZATION: Premiums received, \$5,532,696; losses paid, \$2,927,019; dividends declared, cash, \$727,500; stock, \$50,000.

REAL ESTATE OWNED: Consists of the company's home office building at 93 State st. and 32-34 Lodge st., Albany, N. Y., a 5-story brick, stone and iron building which cost \$80,000.

MORTGAGE LOANS: There are 74 loans, ranging in amount from \$500 to \$15,000, upon properties in Albany and nearby cities and towns, except 2 loans (\$5,000 and \$6,000) on Buffalo properties and one of \$13,000 on 236 W. 74th st., New York City. Securing loans aggregating \$241,100 (with no over due interest) are lands and buildings valued at \$518,440.

BONDS AND STOCKS OWNED:		Par	Market
Bonds.		Value.	Value.
Ad. K. & N. R.R., 1 m., 1946, 5%	\$20,000	\$22,200	
Baito & O. R.R., cv., 1933, 4½%	5,000	4,600	
Betha Rap. Trans., 1918, 5%	10,000	10,000	
Cent. Pac. R.R., 1 r., 1949, 4%	5,000	4,700	
Ch. B. & Q. R.R., 1958, 4%	8,000	4,700	
Chi. Mil. & St. P. Ry., cv., 1932, 4½%	5,000	5,100	
Columbus R.R., 1939, 4%	5,000	3,650	
Del. & Hudson R.R., cv., 1918, 4%	5,000	4,950	
Det. & Mack R.R., cv., 1935, 4%	13,000	10,660	
H. E. W. & Tex. R.R., 1 m., 1933, 5%	5,000	5,150	

BONDS AND STOCKS OWNED.—Cont.		Par	Market
Bonds.—Cont.		Value.	Value.
Interb-Met. col. tr., 1956, 4½%	\$10,000	\$7,700	
L. Sh. & Mich. So. R.R., d., 1928, 4%	10,000	9,400	
Mil. El. Ry. & L. r., 1931, 4½%	12,000	11,160	
N. Y. C. & H. R. R.R., d., 1934, 4%	10,000	9,000	
N. Y. State Rys., 1 col. m., 1962, 4½%	10,000	8,900	
N. Y. W. & B. R.R., 1946, 4½%	13,000	9,100	
N. So. R.R., 1 r. m., 1961, 5%	15,000	14,100	
No. Pac. Ry., gn. l., 2047, 3%	5,000	3,350	
No. Pac.-G. No. (C. B. & Q. col.), 1921, 4%	10,000	9,700	
Pa. R.R., cv. g., 1915, 3½%	5,000	5,000	
St. L. & San Fran., r., 1951, 4%	24,000	15,120	
Schenectady Ry., 1 m., 1941, 4½%	10,000	10,200	
Spfld. & Eastern R.R., 1922, 5%	5,000	4,850	
Tex. Cent. R.R., 1923, 5%	25,000	25,250	
Un. Ry. of N. Y., 1942, 5%	10,000	10,300	
Un. Pac., cv., 1927, 4%	5,000	4,550	
Un. Te. Alb. & Troy, 1919, 4½%	15,000	14,400	
Un. Te. Alb. & Troy, ca. 2004, 4½%	25,000	23,250	
Va. & Sw. R.R., 2003, 5%	25,000	26,500	
Va. & Sw. R.R., 1 ca., 1958, 5%	30,000	27,900	
Wabash R.R., 1 m., 1939, 5%	25,000	25,750	
Wabash, Chi. & Detroit Ext., 1941, 5%	9,000	9,360	
Watervliet Turnpike & Ry., 1919, 6%	15,000	15,600	
Western N. Y. & Pa. R.R., 1937, 5%	25,000	26,000	
Amer. Tube & Stamping, 1932, 5%	11,000	10,450	
Colo. Fuel & Iron, 1943, 5%	10,000	8,700	
Consumers Gas, Chi., 1936, 5%	5,000	6,050	
El. Sec. Cor. col. tr. & s. f., 1936, 5%	10,000	9,900	
Elkhorn Fuel, 1 m., 1918, 5%	8,000	5,700	
Equit. Gas & El., Utica, 1942, 5%	8,000	8,180	
Gn. Motors, 1 l. s. g., 1915, 6%	14,000	14,140	
Kings Co. El. Lt. & Pow., 1997, 6%	5,000	5,700	
Kings Co. Lt. 1 r. m. g., 1954, 5%	30,000	29,700	
Laclede Gas Lt., St. L., 1934, 5%	10,000	10,100	
Louisville Gas & El., 1918, 6%	6,000	6,060	
Montreal Lt., H. & Pow., 1932, 4½%	5,000	4,850	
N. Y. Q. & El. Lt., H. & Pow., 1948, 5%	10,000	10,500	
Pac. Tg. & Tl., 1937, 5%	10,000	9,700	
Peoples Gas Lt. & C., Chi., 1 ca., 1943, 6%	15,000	17,400	

ALBANY INSURANCE COMPANY, Albany, N. Y.—Continued.

BONDS AND STOCKS OWNED.—Cont.			Market
BONDS.—Cont.		Value.	Value.
Portland G. & C., 1 r., 1940, 5%.....		\$20,000	\$19,400
Seranton El., 1 r. m., 1937, 5%.....		5,000	5,050
Un. El. Lt. & P., St. L., 1932, 5%.....		10,000	10,100
United El. Lt. & Pow., Balto., 1929, 4½%.....		10,000	9,300
United States Rubber, 1918, 6%.....		10,000	10,300
United States Steel Co., 2 m., 1933, 5%.....		24,000	24,720
Utica Gas & El. r. & ext., 1957, 5%.....		5,000	4,950
Watertwn. Lt. & Pow., 1 m., 1959, 5%.....		5,000	4,900
STOCKS.			
Conn. Ry. & Ltg., p.....		5,000	3,150
Bklyn. Rap. Tran.....		5,000	4,600
Detroit & Mackinac, p.....		5,000	4,750
N. Y. State Nat. Bk., Albany.....		5,000	14,400
Central States El. Co., p.....		5,000	4,000
Central States El. Co., com.....		1,300	468
El. Sec. Co., p.....		10,000	8,500
Mackay Cos., p.....		10,000	6,800
Totals (book values, \$716,559).....		\$716,300	\$693,648

MISCELLANEOUS: Starting with \$500,000 in 1811, the capital was reduced in 1829 to \$300,000, and in 1851 to \$100,000 and increased in 1857 to \$125,000, in 1859 to \$150,000, in 1872 to \$200,000, and in 1889 to \$250,000. Conflagration losses: Albany, 1848, \$369,775; Boston, 1872, \$20,000.

DIRECTORS: J. Townsend Lansing, John E. McElroy, Ledyard Cogswell, Clifford D. Gregory, Henry M. Sage, Charles E. McElroy, Charles S. Stedman, Benjamin Walworth Arnold, Lewis R. Parker, Russell E. Sard, Thomas I. Van Antwerp, Parker Corning, Chas. H. Hahn, Robert Olcott, Edward W. Rankin, Martin T. Nachtmann.

FIELD MEN AND TERRITORY COVERED: H. J. Ide, Boston, Mass., general agent for E. Mass. The company operates in Conn., Ill., Mass., N. J., N. Y., Pa. and R. I.

ALLEMANIA FIRE INSURANCE COMPANY of Pittsburgh, Pa.

President, Wm. Steinmeyer; Secretary, Chas. B. Reiter. Organized, 1868.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,841,328	\$817,934	\$716,366	\$843,581	\$927,165	\$526,970	\$30,000	\$370,957	\$927,927	\$540,705
1913	1,841,539	790,455	763,012	817,320	905,982	408,288	30,000	374,661	812,949	421,137
1912	1,750,238	760,041	718,139	781,400	863,533	383,943	30,000	341,891	755,834	385,015
1911	1,649,504	743,995	608,771	811,755	888,282	404,766	30,000	365,897	800,663	416,024
1910	1,550,843	721,196	542,400	775,725	847,952	387,076	30,000	\$44,700	761,776	374,829

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$159,450	Losses unpaid.....	\$87,772
Mortgage loans.....	760,324	Unearned prems.....	817,934
Bonds and stocks.....	619,801	Other liabilities.....	19,256
Collateral loans.....	6,850	Total liabilities.....	\$924,962
Cash.....	145,743	Capital paid up.....	200,000
Agents' balances.....	128,586	Net surplus.....	716,366
Interest and rents.....	20,574		
Total assets.....	\$1,841,328	Total.....	\$1,841,328

Underwriting loss, \$94,819; investment profit, \$78,173.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$161,411,569; premiums thereon, \$1,594,198.

BUSINESS SINCE ORGANIZATION: Premiums received, \$15,593,003; losses paid, \$7,573,739; dividends declared, cash, \$678,600; stock, \$50,000.

REAL ESTATE OWNED: Consists of 12 vacant lots in 26th Ward, Pittsburgh, acquired by exchange in 1909, and 14 properties acquired under foreclosure.

MORTGAGE LOANS: There are 194 loans, averaging about \$3,900 each, and only 8 are larger than \$10,000. All are secured by property located in Pittsburgh and neighboring (Pa.) towns, and the total value of the mortgaged properties is estimated at \$1,956,100, or about two and one-half times the amount loaned. But \$1,365 of interest was overdue on December 31, last.

COLLATERAL LOANS are as follows:		Market	Amount
Securities.		Value.	Loaned.
Nat. Lead, p.....		\$10,400	\$5,000.
Crucible Steel, p.....		8,700	
Lewis Fdry. & Mach.....		2,500	
Totals.....		\$21,600	\$6,850

BONDS AND STOCKS OWNED:		Par	Market
BONDS.		Value.	Value.
Glasport, Pa., sc., 1919-37, 5%		\$45,000	\$45,000
Medicine Hat, Can., 1942, 5%		8,000	7,400
New Brighton, Pa. sc. dis., 1915-25, 5%		14,000	14,000
Palatine Sc., 1939, 4½%		19,000	19,000
Prince Albert, 1933, 5%		7,000	6,492
St. Boniface, 1943, 5%		15,000	14,445
Toronto, Can., 1948, 4%		4,866	4,889
Toronto, Can., 1924, 4½%		25,000	25,000
Winnipeg, Can., 1924, 4%		10,000	9,600
Balto. & O. R.R. cv., 1933, 4½%		10,000	9,200
Pt. W. & Wab. Val. Tr., 1934, 5%		20,000	14,000
Ind., Col. & E. Tc., 1926, 5%		10,000	8,500
Pgh & Butler St. Ry., 1935, 5%		10,000	5,000
So. Pac. cv. g., 1934 5%		10,000	10,160

BONDS AND STOCKS OWNED.—Cont.		Par	Market
BONDS.—Cont.		Value.	Value.
Youngstown & S. Ry. & L ^t ., 1931, 5 ¹ / ₂ %...		\$27,000	\$26,325
Armour & Co. (R. E.) 1939, 4 ¹ / ₂ %.....		10,000	9,262
Cent. Dis. Tel., 1943, 5%.....		20,000	20,000
Ellsworth Coal, 1925, 5%.....		25,000	25,000
Greenville, Wat., 1932, 5%.....		30,000	28,500
Ind. Steel Gr., 1952, 5%.....		15,000	14,925
Interlake Steamships, 1921, 6%.....		25,000	25,250
Jamison Coal, 1930, 5%.....		20,000	18,400
Keystone C. & C., 1923, 6%.....		30,000	30,000
Monongahela Riv. C. & C., 1949, 6%.....		10,000	11,550
Mt. Pleasant Coke, 1923, 6%.....		10,000	10,000
Nat. Tube gr., 1952, 5%.....		35,000	34,650
New Castle, Wat., 1932, 5%.....		6,000	5,400
Pitts.-Buffalo, 1929, 5%.....		10,000	9,700
St. L. Smelting & Ref. gr., 1920, 5%.....		48,000	47,520
Sharon Wat. Wks., 1954, 5%.....		10,000	10,000
STOCKS.			
Braddock Nat. Bk.....		\$14,800	\$59,200
Bessemer Tr.....		9,200	12,880
Western Adj. & Insp.....		100	200
Pa. R.R.....		11,000	11,550
1st & 2nd Nat. Bk.....		7,500	7,500

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Conflagration losses: Baltimore, 1904, \$62,283; Salem, 1914, \$81,072.

DIRECTORS: Chas. F. Wells, Wm. M. Bell, L. F. Demmler, John W. Lloyd, James R. Sterrett, George Sheppard, Wm. Steinmeyer, Edw. Snodgrass, Jr., W. A. Steinmeyer, J. B. Eissaman, J. W. Donnan, H. W. Ludebush.

FIELD MEN AND TERRITORY COVERED: F. L. Weaver, Detroit, Mich., special agent for Mich. and Ind.; Thos. H. Smith, Dayton, O., State agent for O.; Eliel & Loeb, Chicago, Ill., general agents for Ill.; Berry, Tremaine & Co., State agents for N. Y.; Alex. L. Barbour, Pittsburgh, special agent for Pa. and N. J.; Crum & Forster, New York City, general agents for Metropolitan district; Geo. W. Comstock, general agent for suburban department, Bloomfield, N. J., for N. J. and N. Y.; G. S. Rosencrans, Boston, Mass., general agent for Mass. and Conn.; Cashman & Evans, Denver, Colo., State agents for Colo.; Windsor & Co., Salt Lake City, State agents for Utah; Lohmeyer, Goldsmith, Patterson Co., Charleston, W. Va., general agents for W. Va.; Fish & Schulkamp, Madison, Wis., general agents for Wis.; Gross R. Scruggs & Co., Dallas, general agents for Tex., La., Okla., and Ark. The company operates in Ark., Colo., Conn., Ill., Ind., La., Md., Mass., Mich., N. J., N. Y., O., Okla., Pa., Tex., Utah, W. Va. and Wis.

THE ALLIANCE INSURANCE COMPANY, Philadelphia, Pa. §

President, E. L. Ellison; Vice-President, Benjamin Rush; Second Vice-President, John O. Platt; Secretary and Treasurer, T. Howard Wright; Assistant Secretary, Sheldon Catlin. Organized, 1904.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$2,438,345	\$673,641	\$804,038	\$875,662	\$1,073,751	\$559,947	\$60,000	\$323,113	\$943,060	\$588,446
1913	2,382,444	656,084	693,216	1,004,077	1,095,258	572,895	60,000	339,201	972,096	560,476
1912	2,242,551	669,721	636,782	1,036,443	1,107,415	488,077	60,000	345,167	893,244	539,007
1911	2,026,656	647,042	499,426	956,316	1,033,006	503,529	157,168	313,134	873,831	501,682
1910	1,813,298	606,016	406,149	940,348	1,015,877	472,737	141,661	314,137	828,525	463,607

Unearned premiums include amounts reclaimable on perpetual policies. † Includes payments to scripholders. a Includes \$338,087 marine premiums, and \$167,090 marine losses. c Exclusive of \$172,271 contingent fund.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$2,143,810	Losses unpaid	\$174,532
Cash	130,696	Unearned premiums	657,994
Agents' balances	140,502	Perp. dep. recd.	15,647
Interest	23,337	Other liabilities	36,134
		Total liabilities	\$884,307
		Capital paid up	750,000
		Net surplus	804,038
Total assets	\$2,438,345	Total	\$2,438,345

Underwriting profit, \$70,305; investment profit, \$121,651.

RISKS AND PREMIUMS: Fire risks in force (except perpetual), December 31, \$99,966,384; premiums thereon, \$1,081,101; marine and inland risks in force, \$20,579,451; premiums thereon, \$201,182; perpetual fire risks, \$568,550; deposit premiums thereon, \$17,386.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,350,002; losses paid, \$5,161,221; dividends declared, cash, \$200,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Atlanta, Ga., reg., 1931, 3½%		\$10,000	\$8,800
Luzerne Co., Pa., c., 1919, 4½%		10,000	10,000
N. Y. State, can. imp., g. c., 1902, 4%		50,000	48,750
N. Y. cp. st. n. c., 1915, 6%		10,000	10,000
N. Y. reg., 1904, 3½%		200,000	167,000
N. Y. cp. st. g. c., 1909, 4%		50,000	48,000
N. Y. rev., c., 1916, 6%		3,000	3,000
N. Y. rev., c., 1917, 6%		5,000	5,000
S. C. adm. bldg., c., 1901, 4%		20,000	19,800
Fla. Pa. reg., 1902, 3½%		29,700	27,324
Fla. Pa. reg., 1904, 3½%		170,800	154,973
Atch. T. & S. F. Ry., cv. g. c., 1900, 4%		15,000	14,400
B. & O. R. R., cv. g. c., 1903, 4½%		50,000	45,500
B. & O. R. R., pr. in. g. c., reg., 1905, 3½%		10,000	9,100
C. Pac. Ry., 1 r. g. c., gr., 1949, 4%		35,000	32,025
C. Pac. Ry., Th. S. L., 1 g. c., gr., 1904, 4%		50,000	43,000
Ches. & E. Ill. R. R., r. & imp. m., c., 1905, 4%		20,000	10,000
C. B. & Q. R. R., gn. c., 1908, 4%		20,000	18,000
C. St. L. & N. O. R. R., eq. tr. cts. g. c., gr., 1922, 5%		8,000	8,000
Coal River Ry., 1. g. c., gr., 1945, 4%		15,000	12,750
Co. Te. N. J. g. c., 1903, 5%		25,000	26,000
Erie R. R. & Swm., 1 ext. g. c., 1918, 5%		15,000	14,700
Ca. Ry. & El. r. & imp., g. c., 1949, 5%		15,000	14,700
Ind. C. & E. Te. gn. r. c., 1926, 5%		25,000	22,500
Jefferson R. R., 1 ext. g. c., 1919, 5%		12,000	12,000
L. S. & M. So. Ry., d. g. c., 1928, 4%		50,000	46,000
L. I. R. R., Ferry, 1 g. c., 1922, 4½%		15,000	14,400
N. Y. C. & H. R. R. R., d. g. c., 1904, 4%		50,000	42,000
N. Y. & W. Ry., div., 1 in. gn. g. c., 1944, 4%		50,000	45,500
N. Y. & W. Ry. & Poc. C. & C., 1 g. c., 1941, 4%		25,000	22,000
Pa. & No. W. R. R., gn. c., 1930, 5%		25,000	26,250
Pa. R. R., cv. g. c., 1915, 3½%		120,000	118,800
Penn. & Shaw. R. R., 1 in. col. tr. n. g. c., 1917, 6%		30,000	30,000
Pub. Ser. Corp. N. J., col. g. n. c., 1916, 5%		40,000	39,500
P. F. Cp. N. J., gn. m. s. f. g. c., 1909, 5%		50,000	45,000
Reading, J. C., col. tr. g. c., 1951, 4%		50,000	46,000
R. W. col. tr. g. c., gr., 1943, 4%		10,000	9,200
R. G. W. Ry., m. 1 g. c., 1949, 4%		25,000	16,500
St. L. & No. W. Ry., 1 g. c., gr., 1948, 5%		15,000	15,450
So. Pac. R. R., 1 r. g. c., gr., 1905, 4%		15,000	12,600

† Transacts both fire and marine business

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.		Par Value.	Market Value.
Tm. R. R. Assn., St. L., gn. r. s. f. g. c., 1903, 4%		\$50,000	\$44,000
Tex. & Pac. Ry., 1 g. c., 2000, 5%		25,000	25,000
Vir. Ry., 1. g. c., 1902, 5%		50,000	49,000
Wash. Tm., 1 g. c., gr., 1945, 3½%		55,000	44,550
Amer. Tl. & Tg., col. tr. c., 1929, 4%		50,000	43,500
Amer. Tl. & Tg., cv. g. c., 1903, 4½%		30,000	28,800
Can. Dis. Tl., 1 s. f. g. c., 1943, 5%		20,000	20,000
Mfr's. Wat., 1 s. f. g. c., gr., 1939, 5%		8,000	8,000
Minn. Gas Lt., 1 gn. g. c., 1930, 5%		50,000	50,000
Phila. El. g. tr. cts. reg., 1948, 5%		50,000	50,500
Pitta. Tm. Wh. & Tr., 1. r. g. c., 1936, 5%		25,000	25,000
U. S. Steel Cp., s. f. g. c., 1903, 5%		100,000	100,000
STOCKS.			
Chesapeake & Ohio Ry.		50,000	20,000
Norfolk & Western Ry.		100,000	99,000
Reading		25,000	36,000
American Tl. & Tg.		20,000	23,500
United Gas Imp.		50,000	82,500
Totals (book value, \$2,254,133)		\$2,228,000	\$2,089,772

MISCELLANEOUS: This company commenced business in 1904 with a paid-up capital of \$500,000 and an initial cash surplus of \$500,000. It is under the same management as the Insurance Company of North America. \$732,786 assessment paid in by stockholders in 1906 and \$2,562 in 1907. Capital was increased in 1911 from \$500,000 to \$750,000. Confiscation losses: San Francisco, 1906, \$1,032,785. Value of special deposit in Ga., \$8,800.

DIRECTORS: William D. Winsor, Chas. Platt, Jr., Rudolph Ellis, Henry W. Biddle, John Grebbel, Bayard Henry, J. Levering Jones, Arthur E. Newbold, Eugene L. Ellison.

FIELD MEN AND TERRITORY COVERED: John M. Talbot & Co., New York City; Dan B. Harris, manager, Ewell S. Gay and Robt. N. Hughes, assistant managers, Atlanta, Ga., for southern departments; Chas. E. Parker & Co., Hartford, Conn., for New Eng. States; A. C. Shaffer, general agent for N. Y. state; J. C. Johnston, general agent, and J. K. Hamilton, assistant manager, San Francisco, for Cal., Ariz., British Columbia, Hawaiian Isl., Ida., Mont., Neb., Ore., Utah, Wash. and Alas.; Field & Cowles, Boston, Mass. Special jurisdiction of home office: N. Y., N. J., Pa., Md., W. Va., O., Ind., Ill., Ky., Colo. John Kremer, Philadelphia, general agent; H. B. Jennings, special agent, Philadelphia; P. C. Burnham, Pittsburgh, for Western Pa.; F. E. Benjamin, Harrisburg, for Eastern Pa.; G. Hope Miller, Newark, for N. J.; U. O. Michaels, Richmond, Va., for Md.; Robert H. Moore, Albany, for Eastern N. Y.; F. W. Clark, Buffalo, for Western N. Y.; J. Fred Neill, State agent, Wheeling, for W. Va.; L. J. Bonar, State agent, Mansfield, for O.; W. H. Riker, State agent and E. R. Shoemaker, special agent, Indianapolis, for Ind.; A. R. Gress, State agent, Minneapolis, for Minn.; M. V. Benson, State agent, Denver, Colo.; Geo. E. Macomber, special agent, Augusta, Me.; W. H. Winkley, special agent, Boston, for N. H., E. Mass., and R. I.; Lewis H. Small, special agent, Hartford, Conn., for Vt., Western Mass. and Conn.; W. C. Rader, special agent, Birmingham, for Ala.; John A. Stephenson, special agent, Jacksonville, for Fla.; R. N. Clark, special agent, Atlanta, for Ga.; Alonzo Church, special agent, New Orleans, for La.; W. G. Sours, special agent, Jackson, for Miss.; Robert Mable, special agent, Charlotte, for N. C.; John C. Drewry, State agent, Raleigh, for N. C.; Harry W. Crutcher, special agent, Dallas, for Northern Tex.; R. B. Killough, special agent, Waco, for Southern and Middle Tex.; M. H. Reeves, special agent, Spokane, Wash., for No. Ida.; E. British Columbia, E. Ore. and E. Wash.; A. C. Wright, special agent, San Francisco, for Cent. Cal. and Nev.; Geo. O. Smith, special agent, San Francisco, for No. Cal.; W. F. Kuhl, Los Angeles, Cal., for Southern Cal. and Ariz.; Gilman L. Camp, special agent, Billings, for Mont., So. Ida. and Utah; Walter E. Bliss, Portland, Ore., for W. Ore., W. Wash. and W. B. C. The company is licensed in all of the States and Territories of the U. S. except Alas., Ark., Del., D. of C., Ia., Kan., Mich., Minn., Mo., Neb., N. M., N. D., S. D., Okla., S. C., Tenn., Va., Wis. and Wyo. Also in B. C.

AMAZON FIRE INSURANCE COMPANY, Shawnee, Okla.

President, W. H. Gaston, Secretary, C. H. Eckford. Organized, 1909.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$297,425	\$68,114	\$47,897	\$92,507	\$102,481	\$81,547	.....	\$68,059	\$147,806	\$86,835
1913	338,368	64,068	91,508	108,156	119,104	43,192	.....	67,861	111,053	61,283
1912	327,238	36,069	123,750	61,833	72,402	14,511	.....	98,937	113,448	15,624
1911	388,670	9,772	186,641	15,919	*196,341	8,986	.....	30,654	39,640	9,227
1910	306,689	5,327	59,729	10,251	*48,833	.....	.....	119,501	119,501	2,067

* Includes \$27,087 premium on sale of stock in 1910, \$173,657 in 1911. † Excluding \$18,818 partial payment on capital stock liability discharged by issue of stock.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$5,985	Losses unpaid	\$16,768
Mortgage loans	154,565	Unearned premiums	63,114
Bonds and stocks	62,775	Due reins. cos.	6,108
Cash	49,582	Other liabilities	1,538
Agents' balances	15,689		
Interest and rents	8,040	Total liabilities	\$87,528
Other assets	789	Capital paid up	162,000
		Net surplus	47,897
Total assets	\$297,425	Total	\$297,425

Underwriting loss, \$44,835; investment loss, \$2,884.

RISKS AND PREMIUMS: Fire risks in force December 31, \$7,765,783; premiums thereon, \$124,076.

BUSINESS SINCE ORGANIZATION: Premiums received, \$284,773; losses paid, \$147,238.

REAL ESTATE OWNED: The company owns farm property valued at \$5,985 procured by foreclosure. It received \$139 rents and paid \$34 expenses during the past year.

MORTGAGE LOANS: There are 60 loans, aggregating \$184,565, protected by farm lands in Oklahoma, Kansas and Texas valued at \$604,320. There was \$175 of interest past due December 31, last. Insurance on buildings, \$7,000.

BONDS OWNED:

	Par Value.	Market Value.
Commerce Bldg., Kansas City, Mo.	\$3,000	\$3,000
General Life of Maine	21,000	16,800
Greensboro, N. C.	11,000	11,000
Akron, O., imp., 1923, 5½%	2,000	2,775
Totals	\$37,000	\$33,575

MISCELLANEOUS: This company was organized in 1909 under the title of the Western & Southern Fire, and in 1911 changed its name to the Amazon Fire, moving its head office from Oklahoma City, Okla., to Dallas, Tex., in 1912 and in 1915 to Shawnee, Okla. Its home office was always in Shawnee, Okla. Capital decreased in 1911 from \$243,230 to \$174,035. In 1910 \$27,087 was realized as premium on stock and in 1911, \$173,657. In 1912, \$44,777 was returned to policyholders on account of cancelled stock.

DIRECTORS: Capt. W. H. Gaston, Jno. H. Gaston, H. H. Holman, C. H. Eckford, E. C. Standard, E. G. Senter, W. H. Pennington, G. L. Miller, F. Lee Williams, J. M. Terrell, E. M. Alvord.

FIELD MEN AND TERRITORY COVERED: J. M. Tisdal, Greenville, Tex., for northern Tex.; B. H. Dickson, Tecumseh, Okla., for Okla. The company operates in O., Okla., and Tex.

AMERICAN INSURANCE COMPANY, Newark, N. J.

President, P. L. Hoadley; Vice-Presidents, Chas. E. Sheldon and C. Weston Bailey; Secretary, F. Hoadley. Assistant Secretary, Roy C. Vanderhoof; Treasurer, A. C. Cyphers. Organized, 1846.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	10,246,941	\$5,054,394	\$3,366,394	\$3,972,867	\$4,393,421	\$2,236,169	\$280,053	\$1,665,159	\$4,181,381	\$2,320,809
1913	10,004,903	4,936,969	13,252,859	4,210,348	4,625,452	2,209,293	280,050	1,739,273	4,228,616	2,095,356
1912	9,867,025	4,780,327	13,135,953	3,934,062	4,320,180	1,932,126	240,054	1,563,663	3,735,843	2,032,003
1911	9,344,435	4,513,550	12,962,549	3,570,998	3,950,737	1,959,844	230,054	1,408,992	3,598,890	1,944,836
1910	9,043,082	4,353,042	12,620,399	3,608,526	3,960,769	1,719,810	201,050	1,419,949	3,340,809	1,771,439

† Excluding special reserve, \$300,000. ‡ Includes \$132,593 marine premiums and \$40,819 marine losses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$454,700	Losses unpaid	\$365,213
Mortgage loans	1,793,866	Unearned premiums	5,054,393
Bonds and stocks	6,542,505	Dividends	70,113
Cash	460,206	Special reserve	300,000
Agents' balances	593,267	Other liabilities	90,838
Bills rec. for premiums	345,663		
Interest	89,719	Total liabilities	\$5,890,547
		Capital paid up	1,000,000
Total	\$10,279,178	Net surplus	3,366,394
Less excess spl. dep.	31,885		
Total assets	\$10,246,941	Total	\$10,246,941

Underwriting loss, \$50,457; investment profit, \$475,928.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$973,192,546; premiums thereon, \$9,685,528; marine and inland risks in force, \$6,205,440; premiums thereon, \$125,674.

BUSINESS SINCE ORGANIZATION: Premiums received, \$54,217,822; losses paid, \$26,213,296; dividends declared, cash, \$4,538,058; stock, \$600,000.

REAL ESTATE OWNED: The company owns 2 parcels of real estate, one of which is located in Newark, N. J., and the other in Rockford, Ill. The largest property is the company's home office building at 68-72 Park pl., Newark, the book value of which is \$357,800. It is a new 3-story stone and steel structure, standing on a lot 73 x 136 x 144 x 190 feet. The other property is the company's office building at Main and Peach sts., Rockford, Ill. It is a 2-story brick structure, and is carried at \$96,900. There are no incumbrances on either of the properties. The net

income from real estate (over expenses) was \$14,303 in 1909, \$15,139 in 1910, \$15,777 in 1911, \$16,346 in 1912, \$16,520 in 1913, and \$18,673 in 1914.

MORTGAGE LOANS: There are 420 mortgage loans, which range in amount between \$150 and \$125,000, few exceeding \$6,000. Most of the loans are upon property in Newark or neighboring cities and towns, and loans amounting to \$1,793,866 are secured by properties valued in the aggregate at \$4,253,192, upon which the company holds \$2,209,825 of fire insurance. Past due interest amounted to \$3,148 on December 31, last.

BONDS AND STOCKS OWNED:

BONDS.		Par Value.	Market Value.
D. C. reg., 1924, 3.65%		\$30,000	\$31,200
U. S. reg., cs., 1930, 2%		30,000	29,100
Bayonne City, g. f., 1928, 5%		50,000	53,500
Bayonne City H. S., 1928, 5%		75,000	80,250
Bergen Co., co. blg., 1933-37, 4½%		25,000	25,850
Essex Co., g. hosp., 1947, 4%		100,000	98,000
Essex Co., g. hosp., 1949, 4%		100,000	98,000
Hackensack Imp. com. f., 1942, 4½%		25,000	25,500
Madison Bor., r., 1916½ 4½%		1,000	1,000
Montclair, sc., 1942, 4½%		50,000	52,500
Newark, sc., 1957, 4%		100,000	98,000
Passaic Co., bdg. re-bld., 1929, 4½%		5,000	5,150
Passaic Co., Rutherford Ave. Bg., 1929, 4½%		30,000	30,900
Toronto City of, d. gn. ca. l. for gn. hosp. & Christopher St. ext., 1948, 4%		55,966	49,810
Toronto, Prov. of, Ont., gn. ca. l. d., 1948, 4%		17,033	15,160

AMERICAN INSURANCE COMPANY, Newark, N. J.—Continued.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
Bonds.—Cont.		
Union Co. co. Hosp., 1942-43, 4½%.....	\$100,000	\$104,000
Cent. R. R., gn. m. e., 1987, 5%.....	337,000	394,290
Ca. Te., 1933, 5%.....	122,000	125,680
Easton & Amboy R. R., 1920, 5%.....	215,000	223,600
Lehigh Val. R. R. Term., 1 m. g., 1941, 5%.....	225,000	249,750
Midland R. R., 1 m. g., 1940, 5%.....	114,000	119,700
Morris & Essex R. R., 1 cs. g., 1915, 7%.....	170,000	171,700
Newark Pass. Ry., 1 cs. m. g., 1930, 5%.....	150,000	157,500
N. Y. & G. L. R. R., gr. g., 1946, 5%.....	131,000	133,620
N. Y., Susq. & W. R. R., Term. 1 m., 1943, 5%.....	144,000	151,200
No. Hud. Co. R. R., cs., 1928, 5%.....	200,000	206,000
Trenton Pass. Ry., cs., 1 m. g., 1923-31, 6%.....	47,000	52,530
Un. N. J. R. R. & Can., gn., 1929-44, 4%.....	150,000	148,500
W. J. & Seashore R. R., 1 m. g., 1936, 3½%.....	15,000	13,350
W. J. & Seashore R. R., 1 m. g., 1936, 4%.....	100,000	97,000
Amer. Dock & Imp., 1921, 5%.....	840,000	857,000
Long Dock (Jersey City) cs., g., 1935, 6%.....	358,000	437,880
M. Bond of N. Y., 1932, 5%.....	15,000	14,850
N. Y., L. E. & W. Docks & Imp., N. J., 1 m., 1943, 5%.....	196,000	201,880
Newark Gas, 1 m. g., 1944, 6%.....	300,000	369,000

STOCKS.	Par Value.	Market Value.
Atch. T. & S. F. Ry., p.....	70,000	72,100
Balt. & O. R. R., p.....	60,000	48,600
Chic. Mil. & St. P. R. R., p.....	100,000	124,000
Chic. & N. W. Ry., com.....	50,000	66,500
Chic. St. P. Minn. & Omaha Ry., p.....	50,000	70,000
Del. Lack. & W. R. R.....	20,000	80,200
Gr. No. Ry., p.....	70,000	86,800
Ill. Cent. R. R.....	30,000	33,600
Lehigh & Nash. R. R.....	50,000	69,000
Minn. St. P. & S. Ste. M. Ry., p.....	70,000	91,700
Morris & Essex R. R., gr. by D. L. & W. R. R.....	250,000	427,500
N. & W. R. R., com.....	50,000	52,000
N. Pac. Ry.....	50,000	55,500
Pennsylvania Railroad.....	52,500	58,275
Pitt. Cin. Chic. & St. L. Ry., p.....	50,000	47,500
Pres. Ft. Wayne and Chic. Ry.....	50,000	82,000
Un. N. J. R. R. & Can., gr. by Pa. R. R.....	200,000	450,000
Ca. Pac. R. R., p.....	50,000	41,500
Amer. Ill. & Tg.....	60,000	73,800
Pullman.....	50,000	77,500
Gr. Adj. Bur., N. Y.....	400	400
Underwriters Svcs., Chic.....	500	500
Underwriters Svcs., N. Y.....	500	500
West. Adj. & Imp., Chi.....	100	100

Totals (book value, \$6,825,819)..... \$5,554,999 *\$6,542,505

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: After organization, the capital in the form of scrip was gradually increased to \$600,000 by dividends and profits. This scrip was later changed to stock. No assessment has ever been levied upon the stockholders, but the latter paid in \$150,000 new capital and \$300,295 surplus in 1907, and \$250,000 new capital in 1909. In 1899 the business of the company was largely increased by re-insuring the risks of the Rockford Insurance Company of Rockford, Ill. The company has paid the following conflagration losses: Chicago, 1871, \$510; Paterson, 1902, \$80,298; Baltimore, 1904, \$244,072; San Francisco, 1906, \$1,109,836; Bangor, Me., \$21,269. Values of special deposits: Ga., \$9,700; Va., \$50,600; Can., \$64,970.

DIRECTORS: Geo. W. Ketcham, John O. H. Pitney, Philemon L. Hoadley, J. William Clark, Samuel S. Dennis, Edward L. Dobbins, William T. Carter, Benjamin Atha, Wm. E. Stewart, Forrest F. Dryden, John R. Hardin.

FIELD MEN AND TERRITORY COVERED: New England department: Covering Me., N. H., Mass. and Conn. Henry J. Ide, general agent, Boston; Ralph G. Hinkley, assistant general agent, Boston. Russell E. Stevens, special agent, Boston, Mass. Eastern department: Wm. A. Lester, Providence, State agent for R. I.; Jos. A. Geyer, Syracuse, special agent for N. Y. State, excepting Suburban Counties and Metropolitan District; Alfred Paul & Son, Wheeling, State agents for W. Va.; W. G. Shannon, Eaton, O., State agent for O.; Paul J. Clarke, Newark, N. J., special agent for N. J.; R. Lee Riggs, Philadelphia, special agent for eastern Pa., Md., Del., D. C. and Va.; Clyde E. Culp, Pittsburgh, Pa., special agent for western Pa. Western department: Rockford, Ill., covering Colo., Ill., Ind., Ia., Kan., Mich., Minn., Mo., Neb., N. D., Okla., S. D. and Wis., Chas. E. Sheldon, manager; Chas. T. Sackett and Chas. N. Gorham, assistant managers. Special agents: Fred C. Haupt, Colorado Springs, State agent for Colo.; Geo. W. Stuck, Peoria, Ill., State agent for Ill.; Fred D. Hess, Peoria, Ill., special agent for Ill.; Geo. Aldrich, Springfield, Ill., special agent and adjuster farm department, Ill.; A. W. Cummings, Rockford, Ill., executive special agent and Fred W. Sullivan, special agent, Ill. farm department; Chas. J. Richman, Tipton, Ind., State agent for Ind.; H. M. Wilson, Sioux Rapids, Ia., special agent, farm department for S. D. & Ia.; R. V. McCormick, Davenport, Ia., State agent for Ia.; W. C. Kirchheck, Delaware, Ia., special agent for Ia.; J. S. Olund, Leavenworth, Kan., State agent for Kan.; Geo. A. Minakey, Lansing, Mich., State agent for Mich.; Karl A. Thieme, Owatonna, special agent for Minn. & N. D.; E. R. Perfect, Kansas City, Mo., State agent for Mo.; H. S. Norton, Rockford, Ill., State agent for Wis. Southern department: Jas. W. Shirley, superintendent of agencies, Newark, N. J. Special agents: Louie J. Leonard, Atlanta, Ga., special agent for Ala., Fla., Ga., La., Miss., and Tenn.; H. R. Bush, Greensboro, N. C., manager N. C. and S. C. department; W. L. Timmerman, Memphis, Tenn., general agent for Ark.; Lafon Riker, Harrodsburg, Ky., special agent for Ky.; R. Lee Riggs, Philadelphia, special agent for Va.; Reinhardt, Pattillo & Reinhardt, Dallas, Tex., general agents for Tex.; Pacific department: San Francisco, Cal., covering Cal., Ida., Mont., Ore., Utah and Wash., and the territory of Alaska and Prov. of B. C., Geo. O. Hoadley, manager; Thomas H. Williams, assistant manager. Special agents: Alex. J. Cartwright, San Francisco, special agent for northern Cal.; Mark B. Harris, Los Angeles, Cal., special agent for Southern Cal.; A. H. Jackson, Portland, Ore., special agent for western Ore., western Wash., Alaska and B. C.; F. J. Root, Spokane, Wash., special agent for eastern Wash., eastern Ore., Ida., Mont. and Utah. Canadian department, Winnipeg, Man.: Covering the Provinces of Ala., Man. and Sask., Can. C. S. Riley, manager, Winnipeg. The company operates in all the States except Ariz., Nev., N. M., Vt. and Wyo.

AMERICAN AUTOMOBILE INSURANCE COMPANY, St. Louis, Mo.

President, Chas. W. Disbrow; Secretary, S. S. Williams. Organized, 1911.

YEAR.	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$680,856	\$256,728	\$110,628	\$533,166	\$548,851	\$203,156	.....	\$248,536	\$456,692	\$219,735
1913	\$79,053	214,981	62,490	494,196	590,477	234,473	.....	234,303	468,776	236,136
1912	\$39,988	174,310	22,301	369,214	424,624	91,945	.....	144,037	235,972	103,578

ASSETS, DEC. 31, 1914.	LIABILITIES, DEC. 31, 1914.
Mortgage loans.....	Losses unpaid.....
Bonds and stocks.....	Unearned prems.....
Cd. of deposit.....	Due reins. cos.....
Cash.....	Other liabilities.....
Agents' balances.....	Total liabilities.....
Interest and rents.....	Capital paid up.....
Other assets.....	Net surplus.....
Total assets.....	Total.....
Underwriting profit, \$32,510; investment profit, \$17,864.	

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,396,576; losses paid, \$531,275.

MORTGAGE LOANS: There is one loan of \$3,000 on St. Louis property valued at \$5,000 on which there was no interest past due on Dec. 31, last. Accrued interest \$18.

BONDS AND STOCKS OWNED.	Par Value.	Market Value.
Bonds.		
U. S. Gov. Pan. Can. 3%.....	\$100,000	\$101,500
St. Louis R.R., 4½%.....	5,000	4,850
Colo. & So. Ry., 1 m., 4%.....	20,000	18,060
C. R. I. & P. Ry., gn. m., 4%.....	20,000	18,000
A.T. & S.F. Ry., T. Sh. L., 1 m., 4%.....	20,000	18,200

AMERICAN AUTOMOBILE INSURANCE COMPANY, St. Louis, Mo.—Continued.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
St. L. S. W. Ry., 1 m., 4%.....	\$25,000	\$21,687
No. Pac. Ry., pr. l. & i. g., 4%.....	20,000	19,150
Wabash R.R., 1 m., 5%.....	20,000	20,750
Chi. M. & St. P. g. m., 4½%.....	20,000	20,650
S.T.L.I.M. & S.Ry. g. & l. g., 5%.....	20,000	20,300
Ore. Wash. R.R. & N., 1 & r., 4%.....	20,000	17,900
M. K. & T. Ry., 1 m., 4%.....	20,000	17,225
Cent. of Ga., cs., 5%.....	5,000	5,243
So. Pac. Ry., 1 r., 4%.....	10,000	9,225
L. S. & M. So. Ry., 4%.....	10,000	9,387
L. & N. Ry., un., 4%.....	10,000	9,600
Kan. Cy. So. Ry., 1 m., 3%.....	10,000	6,987
K. Cy. So., r. & im., 5%.....	15,000	14,400
Arg. Ark. ar. imp., 6%.....	25,000	25,000
Merced Co., Mo., 5%.....	10,000	10,000
Charleston, Mo., Wat. Wks., 5%.....	5,000	5,000
Roodhouse, Ill., sc. dia., 5%.....	7,000	7,000

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
Lawrenceville Twp., Ill., H.S., 5%.....	\$3,000	\$3,000
Moberly, Mo., Wat. Wks., 5%.....	5,000	5,000
Stocks.		
Pa. R.R.....	16,500	18,356
Totals.....	\$441,500	\$426,363

MISCELLANEOUS: Capital stock increased by unanimous vote of stockholders from \$200,000 to \$300,000 and same paid in in cash at \$150 per share, \$50,000 of proceeds going to surplus. In 1913 capital reduced from \$300,000 to \$225,000 and \$75,000 added to surplus.

FIELD MEN AND TERRITORY COVERED: The company operates in Ark., Cal., Colo., D. C., Ill., Ind., Kan., La., Mich., Miss., Mo., O., Tenn., Tex., Utah and Wash.

AMERICAN CENTRAL INSURANCE COMPANY, St. Louis, Mo.

President, E. T. Campbell; Vice-President, W. A. Blodgett; Secretary, B. G. Chapman, Jr.; Assistant Secretary, Conrad Roeder. Organized, 1853.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$4,279,431	\$1,755,322	\$1,115,519	\$3,691,776	\$3,893,339	\$2,175,640	\$149,985	\$1,484,276	\$3,909,901	\$2,200,731
1913	5,332,329	3,002,064	—50,801	3,400,143	3,599,443	1,922,623	119,935	1,342,518	3,385,131	1,969,841
1912	5,439,503	2,702,040	404,849	3,241,135	3,468,085	1,685,383	240,000	1,324,518	3,249,901	1,736,805
1911	5,471,662	2,364,803	855,872	2,569,618	2,854,242	1,679,835	260,000	1,035,534	2,975,369	1,647,617
1910	5,635,017	2,393,062	892,944	2,673,372	2,911,690	1,335,172	240,000	1,055,755	2,630,927	1,447,086

† Includes \$71,186 marine premiums and \$38,457 marine losses.

— Excess of liabilities over assets.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$34,250	Losses unpaid.....	\$366,028
Bonds and stocks.....	3,189,199	Unearned prems.....	1,755,322
Collateral loans.....	192,386	Other liabilities.....	42,562
Cash.....	179,707		
Agents' balances.....	350,418	Total liabilities.....	\$2,163,912
Interest.....	48,415	Capital paid up.....	1,000,000
Other assets.....	288,912	Net surplus.....	1,115,519
Total.....	\$4,283,287		
Spl. dep. over liab.....	3,856		
Total assets.....	\$4,279,431	Total.....	\$4,279,431

Underwriting profit, \$209,823; investment profit, \$110,353.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$331,581,347; premiums thereon, \$3,370,899; marine and inland risks in force, \$636,274; premiums thereon, \$21,074.

BUSINESS SINCE ORGANIZATION: Premiums received, \$54,016,163; losses paid, \$30,389,635; dividends declared, cash, \$3,867,931.

MORTGAGE LOANS: A loan of \$25,000 is secured by part of lots 4 and 5, Graham's sub-division of the Sulphur Springs tract, city of St. Louis, valued at \$63,100; one of \$9,250 is upon lot 53 Oakland pl. extension, block 4906B, valued at \$16,000.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Securities.			
Broadway R. E., St. Louis.....		\$149,400	
Nat. Bk. of Commerce, St. Louis.....		61,000	\$67,836
Westinghouse Air Brake, Pittsburg.....		66,000	
Third Nat. Bk., St. Louis.....		139,150	100,000
Annuity Realty, St. Louis.....		5,640	4,500
Merchants-Laclede N. Bk.....		29,400	20,000
Totals.....		\$450,590	\$192,336

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
BONDS.		
Alberta, d., 1924, 4½%.....	\$15,000	\$14,550
Bowie Co., Tex., rd. dis., 1949, 4½%.....	25,000	23,500
Brandon, Man., d., 1942, 4½%.....	25,000	22,750
Calgary, Alberta, d., 1933, 5%.....	15,000	14,700
Canada Perm. m. cp., d., 1918, 4½%.....	25,000	25,000
Don Ana Co., N. M., f., 1925, 6%.....	10,000	10,000
Enid, Okla., st. & wat. wks., 1934, 5%.....	25,000	25,000
Fort Wm., Ont., d., 1937, 4½%.....	24,820	23,032

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
Fort Wm., Ont., d., 1934, 5%.....	\$11,000	\$10,560
Fort Worth, Tex., r., 1941, 4%.....	9,000	8,100
Georgia, reg., 1915, 4½%.....	10,000	10,000
Newberry, S. C., sc. dia., 1949, 4½%.....	10,000	9,800
New York, reg., 1956, 4%.....	200,000	198,000
Pierce City, Mo., 1917, 5%.....	12,000	12,000
Portland, Oregon, r., 1928, 4%.....	25,000	24,500
Richmond, Va., imp., 1940, 4%.....	50,000	46,500
Selkirk, Man., 1945, 5%.....	500	430
Selkirk, Man., 1958, 5%.....	3,000	2,550
Selkirk, Man., 1959, 5%.....	1,500	1,275
Toronto, Ont., d., 1949, 4%.....	26,766	23,822
Victoria, B. C., d., 1937, 4%.....	30,660	26,674
Winnipeg, Man., local imp., d., 1928, 4%.....	10,000	9,300
Ach., T. & S. F., adj. s., 1995, 4%.....	25,000	22,000
B. & O., P. L. E. & W. Va., r., 1941, 4%.....	25,000	21,750
Boston & Maine, 1929, 4½%.....	50,000	38,500
Can. No. Eq., 1 m., 1917, 4½%.....	25,000	24,500
Cent. of Ga., cs. m., 1945, 5%.....	25,000	26,250
Cent. Pac., gn. m., 1949, 4%.....	10,000	9,400
C. & O., gn. m., 1992, 4½%.....	25,000	23,500
C. & O., gn. f. & imp., 1929, 5%.....	25,000	25,000
Chicago Rys., cs. m., 1927, 5%.....	25,000	23,250
Chic. Rys., 1 m., 1927, 5%.....	10,000	9,900
C. M. & St. P., d., 1934, 4%.....	25,000	23,000
C. R. I. & P., 1 & r., 1934, 4%.....	25,000	18,000
Colo. & So., r. & ext. m., 1935, 4½%.....	15,000	13,200
Col. & St. L., 1 m., 1942, 4%.....	32,000	24,320
E. St. L. & S. N. J., col. tr., 1932, 5%.....	25,000	23,500
Fort W. & Den. Cy., 1 m., 1921, 6%.....	25,000	26,250
Fort W. & R. G., 1 m., 1928, 4%.....	25,000	13,750
H. B. & T., 1 m., gr. s. f., 1937, 5%.....	50,000	48,500
Ill. Cent. 1 & r., 1955, 4%.....	10,000	9,200
Kana. & Mich., 2 m., 1927, 5%.....	25,000	24,750
Kan. Cy., Ft. Se. & Mem., r., 1936, 4%.....	100,000	73,000
Kan. Cy. Ry. & Lt., 1 ln. r., ext., 1913, 5%.....	25,000	22,250
Kansas Cy. So., 1 m., 1950, 3%.....	10,000	6,900
L. S. & M. So., d., 1928, 4%.....	25,000	23,500
Little R. & Hot Spr. W., 1 m., 1939, 4%.....	30,000	24,300
Miss. R. & B. T., 1 m., 1931, 5%.....	30,000	28,800
Mo., Kan. & T., 1 & r., 2004, 4%.....	40,000	22,800
Mo. Pac., g. l., 1945, 4%.....	50,000	21,000
Nor. & W. Div., 1 ln. & gn. m., 1944, 4%.....	10,000	9,100
No. Pac.-Gt. No., C. B. & Q. col., 1921, 4%.....	25,000	24,250
Ore. St. L., r., 1929, 4%.....	10,000	9,200
R. I.-Frisco Tm., 1 m., 1927, 5%.....	25,000	23,250

AMERICAN CENTRAL INSURANCE COMPANY, St. Louis, Mo.—Continued.

Bonds and Stocks Owned.—Cont.	Par Value.	Market Value.
Bonds.—Cont.		
St. C. Mad. & St. L. Belt, 1951, 4%.....	\$38,000	\$26,800
St. L. I. Mtn. & So., uni. & r., 1929, 4%.....	75,000	56,250
St. L. I. Mtn. & So., gn. cs. m., 1931, 5%.....	25,000	25,500
St. L. I. Mtn. & So., i m. r. & g., 1933, 4%.....	50,000	36,500
St. L. & S. Fr., r., 1951, 4%.....	67,000	42,210
St. L. & S. Fr., gn. in., 1927, 5%.....	50,000	20,000
St. L. Swn., 1 ca. m., 1932, 4%.....	50,000	34,500
So. Pac., 1 r. m., 1955, 4%.....	25,000	23,000
Team Cent., gn. m., 1954, 5%.....	233,000	77,658
Term. R. R. Assn., St. L., gn. m. r. skg. f., 1953, 4%.....	25,000	22,000
Union Depot, 1 m., 1918, 6%.....	50,000	51,000
Union Pac., cv., 1927, 4%.....	15,000	13,650
United Ry., 1 gn. m., 1934, 4%.....	50,000	35,000
Virginian, 1 m., 1962, 5%.....	25,000	24,500
West Pac., 1 m., 1933, 5%.....	25,000	10,750
West Mid., 1 m., 1952, 4%.....	25,000	15,500
Wichita Falls & Nwn, 1 r. m., 1940, 5%.....	25,000	21,500
Armory Rty., St. L., par. ed., 1952, 5%.....	27,000	25,390
Consumers' Pow., 1 in. r., 1936, 5%.....	25,000	23,500
Cumberland C. & C., Jersey Cy, pr. in., 1913, 6%.....	20,000	12,000
Cumberland C. & C., Jersey Cy, pr. in., subc.		14,000
Frisco Annex Rty., 1 m., 1928, 5%.....	55,000	50,800
Kinloch Lg. Dist. TL, 1 m., 1929, 5%.....	49,000	43,610
Laclede Gas Lgt., 1 m., 1919, 5%.....	75,000	76,500
Lincoln Bldg. Est. & Bldg., 1923, 6%.....	75,000	79,500
Mo. El. L. & Pow., 2 m., 1921, 6%.....	88,000	93,280
Mortgage Bond, N. Y., 1906, 4%.....	10,000	8,400
Pac. TL & Tg., 1 m., 1937, 5%.....	25,000	24,250
Ry. Exch. Bldg., St. L., 1 m., 1953, 5%.....	41,666	31,250
So. Bell TL & Tg., 1 m., skg. f., 1941, 5%.....	50,000	49,000
Wright Bldg., St. L., 1 m., 1931, 5%.....	75,000	71,250
Stocks.		
Nel. & West. Ry., c.....	40,000	41,600
Pa. R.R.....	32,500	91,575
Boatmen's Bk., St. Louis.....	10,000	17,800
Mechanics-Am. Nat. Bk., St. Louis.....	6,800	18,428
Mercantile Tr., St. Louis.....	10,000	34,400
Nat. Bk. of Commerce, St. Louis.....	351,100	428,342
St. Louis Union Tr.....	20,000	78,000
Third Nat. Bk., St. Louis.....	25,000	63,250
Harpis-McKittrick D. G., St. L., 1 p.....	50,000	10,000
Laclede Gas Ld., p., St. Louis.....	5,700	5,415
Laclede Gas Ld., c., St. L.....	1,100	1,045
Union Sand and Mat., St. L.....	30,000	22,500

Totals (book value, \$4,843,722)..... \$3,950,000 *\$3,229,758

* Securities per company's valuations; asset item per New York Insurance Department valuations.

MISCELLANEOUS: Capital increased in 1901 from \$600,000 to \$1,000,000, and in 1906 to \$2,000,000. In 1914 capital reduced from \$2,000,000 to \$1,000,000 and \$1,000,000 added to surplus. Stockholders contributed \$949,670 to surplus in 1906. Contingent losses: Chicago, 1871, \$300,000; Boston, 1872, \$20,000; Baltimore, 1904, \$172,405; San Francisco, 1906, \$1,610,803; values of special deposits: Ga., \$10,000; Can., \$149,694; N. M., \$7,999; Va., \$46,500.

DIRECTORS: John F. Lee, Edw. T. Campbell, George L. Edwards, W. A. Blodgett, T. H. West, O. H. Packham, Thos. Wright, E. K. Ludington, M. R. Armstrong, F. G. Zeibig, A. H. Reller, Harry H. Haussler, I. H. Lionberger.

FIELD MEN AND TERRITORY COVERED: W. H. Taylor, special agent, Utica, N. Y., for W. N. Y.; James N. Brown, special agent, St. Louis, Mo.; E. S. Merrill, Belvidere, Ill., special agent for No. Ill.; Bert C. Bobb, special agent, Decatur, Ill., for So. Ill.; R. E. McHatton, special agent for Ind., Indianapolis, Ind.; O. A. Morris, special agent, Jacksonville, Ill., for Ill. and Ind.; J. C. Ragdale, State agent, and A. A. Meyer, special agent, Milwaukee, Wis., for Wis. and No. Mich.; Chas. G. Bates, State agent, Minneapolis, Minn., for Minn.; C. B. Sheppard, Detroit, Mich., special agent for So. Mich.; A. C. Speed, State agent, Columbus, O., for O.; L. A. Riemann, State agent, Des Moines, Ia., for Ia.; O. E. Scurr, Sioux Falls, S.D., special agent for S.D. and N.D.; L. C. Riker, special agent, Harrodsburg, Ky., for Ky.; L. B. Leigh & Co. general agents for Ark., Little Rock, Ark.; R. W. Davis, special agent, Nashville, Tenn., for Tenn.; Wm. B. Hammond, State agent, and G. P. Hammond, special agent, Harrisburg, Pa., for E. Pa., N. J., Md., D. C. and Del.; W. C. Perry, special agent, Pittsburg, Pa., for W. Pa. and W. Va.; H. R. Tyler, special agent, Elmira, N. Y., for E. N. Y.; M. R. Armstrong, special agent, Kansas City, Mo., for W. Mo.; J. C. Chase, St. Louis, Mo., special agent for E. Mo.; Sam F. Woolard, State agent, Wichita, Kan., for Kan. and part N. M.; L. P. Terhune, special agent for Colo., Wyo. and Neb., and part N. M.; H. I. Riemann, special agent, Oklahoma City, for Okla.; C. H. Godfrey, manager, Southern department, Atlanta, Ga., comprising Ga., Fla., Va., N. C., S. C., Ala. and Miss.; L. T. Miller, Atlanta, Ga., agency superintendent for Ga.; W. W. Smith, Raleigh, N. C., State agent for N. C.; Clarence Stockdell, Richmond, Va., special agent for Va. and S. C.; W. N. H. Smith, Raleigh, N. C., special agent for N. C.; A. F. Irby, Atlanta, Ga., special agent for Ga.; C. A. Prescott, New Orleans, La., special agent for Miss.; Ed. M. Hafer, Jacksonville, Fla., special agent for Fla.; A. C. Eifer, Birmingham, Ala., special agent for Ala.; J. G. Hilliard, 55 John st., New York City, Metropolitan dept. Pacific Coast department: Christensen & Goodwin, managers, San Francisco, Cal., for Cal., Wash., Ore., Ariz., Utah, Mont., Ida., Nev., Hawaii, Alas. and B. C.; R. Delappe, San Francisco, Cal., for No. and Cent. Cal.; Geo. T. Gray, Berkeley, Cal., for No. Cal., and Cent. Cal. and Coast and Day Cos.; E. B. Flack, Los Angeles, Cal., for So. Cal. and Ariz.; W. F. Zwick, Seattle, Wash., for W. Wash. and W. B. C.; W. A. Frasier, Spokane, Wash., for E. Wash., No. Ida. and E. B. C.; Fred Tebben, Portland, Ore., for Ore.; L. L. Dibble, Boise, Ida., for So. Ida. and Utah; J. B. Fritsch, Helena, Mont., for Mont.; H. R. Hackett, San Francisco, Cal., for Sacramento and San Joaquin Valleys and Mountain districts, to the east and Nev. New England department: Simpson, Campbell & Co., managers, 111 Milk st., Boston, Mass.; Hugh T. Campbell, general agent, Boston, Mass., for Conn., R. I., Mass., Me., N. H. and Vt.; W. N. Burgess, Boston, Mass., special agent for Me., N. H. and Vt.; H. C. Seydell, New Haven, Conn., special agent for Conn.; J. W. Cooke, Providence, R. I., special agent for R. I.; E. T. Campbell, Jr., H. L. Havens, H. T. Jordan and Joseph Beal, Boston, Mass., special agents for Mass. Texas department: Crayens & Coge, managers, Houston, Tex., for Tex. and La.; special agents for Tex., Jas. L. Deterville, Houston, Tex.; B. A. Griesenbeck, San Antonio, Tex.; E. J. McCullough, Fort Worth, Tex.; Glenn T. Herndon, Dallas, Tex.; Dallas Smith, Brownwood, Tex.; Clarendon Ions, Childress, Tex.; J. C. Roberts, Athens, Tex.; Quinlan Adams, Dallas, Tex.; John Burke, adjuster, Dallas, Tex. Company operates in all States of the U. S. and in Canada.

AMERICAN DRUGGISTS FIRE INSURANCE COMPANY, Cincinnati, O

President, Charles H. Avery; Secretary, Frank H. Freericks. Organized, 1907.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$375,792	\$65,569	\$102,718	\$124,551	\$138,245	\$42,704	\$19,000	\$46,228	\$106,932	41,121
1913	352,664	57,695	88,300	110,197	122,811	41,993	18,000	43,957	103,850	37,170
1912	333,807	45,482	74,075	93,463	105,902	42,264	18,000	34,792	95,056	46,558
1911	222,176	41,976	75,031	81,048	92,694	18,249	16,000	31,207	65,456	19,139
1910	294,925	33,421	58,759	64,667	76,132	17,413	12,000	26,109	55,521	15,751

AMERICAN DRUGGISTS FIRE INSURANCE COMPANY, Cincinnati, O.—Continued.

ASSETS, DEC. 31, 1914.	LIABILITIES, DEC. 31, 1914.
Bonds and stocks.... \$345,347	Losses unpaid..... \$3,782
Cash..... 18,834	Unearned premiums..... 65,569
Agents' balances..... 15,194	Other liabilities..... 3,723
Interest..... 5,019	
Total..... \$384,394	Total liabilities..... \$73,074
Spl. dep. over liab..... 8,602	Capital paid up..... 200,000
	Net surplus..... 102,718
Total assets..... \$375,792	Total..... \$375,792

Underwriting profit, \$27,456; investment profit, \$13,621.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$12,768,174; premiums thereon, \$130,214.

BUSINESS SINCE ORGANIZATION: Premiums received, \$579,224; losses paid, \$184,597; dividends declared, cash, \$82,000.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
BONDS.		
U. S. Gov., 1918, 3%.....	\$10,000	\$10,077
Akron, O., sr., 1917, 4%.....	4,000	4,006
Cambridge, O., sts. and srs., 1918-19, 4%.....	10,820	11,020
Canton, O., r., 1916, 4%.....	5,000	4,964
Charlton, O., sr., 1925-31, 4%.....	6,000	6,250
Cheviot, O., st. imp., 1918-21, 5%.....	3,280	3,404
Cincinnati, O., slk., 1918-24, 6%.....	2,000	2,172
Cincinnati, O., sr., t. reg., 1932, 4%.....	3,000	2,993
Cincinnati, O., via, reg., 1930, 4%.....	6,000	5,942
Cincinnati, O., s. l. reg., 1932, 3%.....	2,000	1,777
Cincinnati, O., wat. reg., 1945, 3%.....	3,000	2,668
Cincinnati, O., st. imp., reg., 1927, 3%.....	11,000	10,364
Cincinnati, O., r., 1936, 3%.....	2,000	1,799
Cleveland, O., elev. r., 1918, 4%.....	1,000	1,000
Cleveland, O., s. reg., 1922, 5%.....	10,000	10,655
Cleveland, O., s., 1930, 4%.....	10,000	10,240
Cleveland, O., pk. reg., 1924, 4%.....	13,000	13,139
Cleveland, O., wat. wks., reg., 1920, 4%.....	1,000	998
Cleveland, O., ld. pg. st., 1925, 4%.....	2,000	2,000
Cleveland, O., sr., 1925, 4%.....	5,000	4,975
Columbus, O., sc., 1921, 3%.....	30,000	29,812
Columbus, O., st. imp., 1916, 4%.....	2,000	2,000
Columbus, O., st. imp., 1915, 4%.....	5,000	5,016
Conneaut, O., st. imp., 1915-18, 4%.....	16,000	16,098
Cuyahoga Co., O., rd. imp., 1918, 4%.....	8,000	8,126
Cuyahoga Falls, O., el. lt., 1915-26, 5%.....	6,000	6,231
Dorchester Co., S. C., sc., 1932, 6%.....	1,000	1,121
Franklin Co., O., rd., 1915, 4%.....	2,000	2,000
Hamilton, O., wat. wks., 1926, 4%.....	10,000	10,198
Hamilton, O., ref., 1931, 3 9-10%.....	25,000	24,520
Hartwell, O., sidew., 1921-22, 6%.....	1,000	1,057
Licking Co., O., rd. imp., 1915, 4%.....	3,500	3,512
Manchester, O., el. lt., 1931-38, 5%.....	4,000	4,485
Middletown, O., sc., 1915-20, 4%.....	6,000	6,054
Middletown, O., sc., 1921-22, 4%.....	4,000	4,078
Newark, O., st. imp., 1915-22, 4%.....	8,000	8,106
Newark, O., st., 1915, 5%.....	1,000	1,004
Newark, O., wat. wks., 1929, 4%.....	1,000	1,062
Newark, O., wat. wks., 1930, 4%.....	4,000	4,219

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
Norwood, O., 1915-18, 4%.....	\$2,232	\$2,251
Norwood, O., sr., 1925, 4%.....	500	520
Piqua, O., r., 1925, 3%.....	21,000	20,800
Richwood, O., st. imp., 1921-22, 4%.....	5,000	5,113
St. Mary's, O., s., 1936, 4%.....	3,000	3,035
Scio, O., st. imp., 1921-28, 4%.....	7,500	7,810
Springfield, O., imp., 1915-16, 5%.....	2,500	2,013
Tiffin, O., r., 1916, 4%.....	25,000	25,067
Vermillion, O., wat. wks., 1918-23, 5%.....	9,000	9,343
Wauseon, O., sc., 1916, 4%.....	2,000	2,014
Wellington, O., st. imp., 1923, 5%.....	1,000	1,071
West Milton, O., sc., 1940, 4%.....	1,000	1,080
West Milton, O., sc., 1941-42, 4%.....	4,000	4,331
Zanesville, O., r., 1915, 4%.....	10,000	9,960

Totals (book value, \$343,564)..... \$340,832 *\$343,564

*Securities as per company's valuations; the item in assets is based on ins. dept. valuations.

MISCELLANEOUS: The company was organized and commenced business in 1907 with a paid-up capital of \$100,000, increased in 1908 to \$150,000 by cash payments, and in 1909 to \$200,000 by cash payments. In 1908, \$10,000 was realized as premium on new stock sold, and in 1909, \$25,000. Deposit in Ga., \$10,000; in S. C., \$10,000.

DIRECTORS: Chas. H. Avery, L. G. Heinrits, James H. Beal, Wm. C. Anderson, G. O. Young, A. O. Zwick, Lewis C. Hopp, Walter Rothwell, Geo. B. Kaufman, M. S. Kahn, E. B. Heimstreet, Frank H. Freericks, Simon N. Jones, W. S. Elkin, Jr., John D. Muir.

FIELD MEN AND TERRITORY COVERED: State agents: Connecticut, Herbert M. Lerou, Norwich; Georgia, Ben. S. Persons, Macon; Illinois, Chas. H. Avery, Chicago; Indiana, B. M. Keene, Indianapolis; Kansas, A. O. Rosser, Topeka; Kentucky, Simon N. Jones, Louisville; Massachusetts, L. G. Heinrits, Holyoke; Michigan, J. W. Seeley, Detroit; Minnesota, Chas. H. Huhn, Minneapolis; Missouri, B. C. Huger, St. Louis; New Jersey, Chas. M. Butcher, Camden; New York, Dr. Wm. C. Anderson, Brooklyn; Ohio, A. D. Wells, Cincinnati; Pennsylvania, Walter Rothwell, Hatboro; Rhode Island, Emil S. Blumenkrans, Providence; South Carolina, A. A. Coleman, Greenwood; Tennessee, Saml. C. Davis, Nashville; Texas, B. H. Hill, Dallas; Vermont, Welome B. Eastman, St. Johnsbury; Washington, C. R. Redding, Seattle; West Virginia, G. O. Young, Buckhannon; Wisconsin, E. B. Heimstreet, Palmyra; California, B. C. Ansley, Los Angeles; Maine, H. F. Rinz, Yarmouthville; New Hampshire, S. Howard Bell, Derry; Colorado, F. W. Cotton, Denver; Iowa, J. H. Axt, Ft. Madison; Nebraska, J. G. McBride, University Place; North Dakota, E. H. Mattingly, Jamestown; Delaware, Thomas B. Cartmell, Wilmington; District of Columbia, Chas. J. Fuhrmann, Washington. The company operates in Cal., Colo., Conn., Del., D. C., Ga., Ill., Ind., Ia., Kan., Ky., Me., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. D., Ohio, Pa., R. I., S. C., Tenn., Tex., Vt., Wash., W. Va. and Wis.

AMERICAN EXCESS FIRE AND MARINE INS. CO., New York, N. Y.

President, Finley J. Shepard; Secretary, Ansell H. Ball.

This company is in process of organization since late in 1914. In its incorporation papers it proposes to write insurance and reinsurance on fire, marine and automobile risks, with a proposed capital of \$1,000,000. Among the directors are: Emile Utard,

Albert Plaut, Chas. L. Bernheimer, Finley J. Shepard, William H. Gibson, Ansell H. Ball, F. S. Munger, C. B. Rogers, F. E. Barbour, D. DeW. Smythe, M. K. Hart, Julius H. Cohen and A. E. Stevenson. The company's address is 15 Broad st., N. Y. Cy.

AMERICAN AND FOREIGN MARINE INSURANCE COMPANY.

New York, N. Y.¶

President, W. L. H. Simpson; Secretary, John E. Hoffman. Organized, 1896.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,218,724	\$61,462	\$692,405	\$251,819	\$298,082	\$79,828	\$30,000	\$53,472	\$163,300	\$147,65
1913	1,092,225	48,294	691,870	151,841	193,797	59,329	21,000	46,863	127,192	44,67
1912	1,065,524	50,174	623,934	146,562	184,643	42,774	21,000	40,783	104,557	28,05
1911	992,729	33,203	565,799	178,869	212,915	81,320	21,000	38,133	140,462	91,71
1910	936,065	53,444	507,726	217,022	247,502	74,057	14,000	77,608	165,665	105,32

¶ Transacts marine and inland transit insurance.

AMERICAN AND FOREIGN MARINE INSURANCE CO., New York, N.Y.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stock	\$1,121,445	Losses unpaid	\$111,105
Cash	85,478	Unearned prems.	61,462
Agents' balances	28,545	Other liabilities	53,752
Interest	9,724		
Total	\$1,245,192	Total liabilities	\$226,319
Sp. dep. over liab.	26,468	Capital paid up	300,000
Total admitted assets	\$1,218,724	Net surplus	692,405
		Total	\$1,218,724

Underwriting loss, \$11,071; investment profit, \$68,075.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$12,000,322; premiums thereon, \$104,350.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,314,137; losses paid, \$832,516; dividends declared, cash, \$241,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
N. Y. State, canal, reg., 1961, 4%		\$66,000	\$67,320
N. Y. State, reg., 1956-9, 3%		60,000	59,400
N. Y. State, reg., 1958, 4%		100,000	102,000
N. Y. Cy., reg., g., 1929, 3%		75,000	70,100
B. & O. R.R., 1 m., reg., 1948, 4%		25,000	23,250
C. R. R. of N. J., gn.m. reg., g., 1987, 5%		5,000	5,850
C. M. & St. P. Ry., gen.m. reg., g., 1989, 4%		30,000	30,900
D. & H. 1 r. m., reg., 1943, 4%		80,000	78,400
L. S. & M. S. Ry., reg., g., 1931, 4%		60,000	47,000
Leh. Val Trm Ry., 1 m., g., 1941, 5%		45,000	49,950

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
L. & N. R.R. 1 m., Pa. & Me. Div., 1946, 4%		\$3,000	\$2,730
M., S. & Now. Ry., 1 m., reg., 1947, 4%		75,000	69,000
Ne., Flor. & Sheff. Ry., 1 m., 1937, 5%		8,000	8,480
Portland Ter W. 1 m., reg., g., 1981, 4%		20,000	17,400
St. L. P. & Nw. Ry., 1 m., reg., g., 1948, 5%		50,000	53,000
St. P. E. G. Tr. Ry., 1 m., reg., g., 1947, 4%		20,000	19,600

STOCKS		Par Value.	Market Value.
Albany & Susquehanna R.R., gr.		10,000	26,500
Cleveland & Pittsburgh R.R., gr.		39,450	61,830
Illinois Central R.R., gr.		127,500	108,377
Morris & Essex R.R., gr.		8,950	15,305
N. Y. Lacka. & Western R.R., gr.		10,700	12,412
Pittsburg, Ft. Wayne & Chicago Ry., gr.		60,800	99,712
United New Jersey R.R. & Canal, gr.		41,308	92,925

Totals (book value, \$1,197,377)..... \$1,010,700 \$1,121,446

MISCELLANEOUS: This company was organized by parties connected with the British & Foreign Marine. Capital increased in 1910 from \$200,000 to \$300,000. Conflagration losses: Baltimore, 1904, \$1,250. Value of special deposit in Canada, \$36,520.

DIRECTORS: W. A. W. Burnett, William Gow, of Liverpool, John E. Hoffman, Frank Gair Macomber, Charles E. Mather, James H. Post, W. L. H. Simpson, E. G. Steinert, A. G. Thacher, E. F. Beddall, W. A. Jamison, Walter B. Pollock, Cecil F. Shalcross.

AMERICAN NATIONAL FIRE INSURANCE CO., Columbus, Ohio.

President, John W. Zuber; Secretary, Lloyd M. Richards. Incorporated, 1914.

The company filed its incorporation papers with the Ohio officials, October, 1914, and proceeded at once to sell stock, which we are advised is progressing rapidly. The capital proposed is \$350,000, and an initial surplus of like amount, \$10 shares

selling at \$20. It is the company's intention to operate at first in O., Ind. and Ill. The company hopes to write business commencing June, 1915. Among the incorporators are: James W. Carroll, John W. Zuber, A. H. Harmon and Lloyd Richards.

AMERICAN REINSURANCE COMPANY, Hartford, Conn.

This company filed its incorporation papers with the Connecticut Legislature early in 1915 as the Fire & Casualty Reinsurance Company of Hartford, but a subsequent bill submitted changed the name to that of the American Reinsurance Co. The company asked for a charter allowing for a capital of \$500,000, with the privilege of increasing to \$5,000,000 when the directors so desire.

It is proposed to write fire and casualty reinsurance. The list of incorporators is as follows: Sylvester C. Dunham, Morgan G. Bulkeley, R. M. Bissell, Morgan B. Brainard, L. B. Brainard, William Bro Smith, L. F. Butler, C. E. Chase, W. B. Clark, J. R. Hills, F. T. Maxwell, Ed. Milligan, C. L. F. Robinson, C. L. Spencer and John L. Way.

ANGLO-AMERICAN REINSURANCE COMPANY, Chicago, Ill.

President, Willis S. Herrick; Secretary, F. M. Rice. Organized, 1909.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$300,576	\$60,232	\$3,955	\$113,137	\$161,237	\$113,622		\$97,253	\$200,975	\$123,252

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$100	Losses unpaid	\$33,989
Mortgage loans	44,850	Unearned prems.	60,232
Bonds and stocks	220,364	Other liabilities	2,500
Cash	10,037		
Agents' balances	20,860	Total liabilities	\$96,921
Interest	4,665	Capital paid up	200,000
		Net surplus	3,955
Total assets	\$300,576	Total	\$300,876

Underwriting loss, \$65,677; investment profit, \$14,748.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,860,511; premiums thereon, \$120,752.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,808,660; losses paid, \$1,272,299; dividends declared, cash, \$30,000.

MORTGAGE LOANS: There are 11 loans, aggregating \$44,850, secured by Ill., Wis. and Mont. properties, valued at \$280,400. \$151 of interest was paid due on December 31, last. The loans range in amount from \$1,000 to \$14,000, the largest being upon Lee Co., Ill., property valued at \$33,500.

ANGLO-AMERICAN REINSURANCE COMPANY, Chicago, Ill.—Continued.

BONDS AND STOCKS OWNED.		Par	Market
Bonds.		Value.	Value.
Batavia, Ill., bg., 1929-31, 4½%	\$5,000	\$5,000	
Bureau Co., Ill., b. sc., 1925-31, 5%	7,000	7,350	
Cook Co., Ill., pk., 1928-32, 5%	10,000	10,800	
Chi. F. Jdgt., 1918	5,000	5,050	
Chi. gn. cp., 1924	15,000	15,450	
Cook Co., Ill. sc., 1918	3,000	3,000	
E. St. Louis, Ill., f., 1928, 4½%	10,000	10,000	
Herrin, Ill., wat. wks., 1929, 5%	4,500	4,765	
Kane Co., Ill., sc., 1928, 4½%	5,000	5,000	
Kane Co., Ill., sc., 1931, 4%	10,000	9,700	
Kaw Valley, Kan., dr., 1940, 5%	5,000	5,100	
La Salle, Ill., sc., 1923-26, 4½%	10,000	10,100	
N. Y., g. ex. cp. stk., 1959, 4%	5,000	5,000	
Okla. Cy., Okla. pub. pks., 1934, 5%	5,000	5,150	
Peoria, Ill., bg., 1928, 4%	5,000	4,850	
Peoria, Ill., bg., 1926, 4%	5,000	4,900	
Rockford, f. jdg., 1929, 4%	10,000	9,700	
Rossville, Ill., wat. wks., 1920-24, 6%	5,000	5,300	
St. Clair Co., Ill., dr., 1921-24, 5%	10,000	10,100	
Henderson Co., Ill., sc., 1915-20, 5%	5,400	5,454	
Toulon, Ill., wat. wks., 1921-30, 5%	10,000	10,300	
Westchester Co., N. Y., sc., 1915-18, 4%	2,000	2,000	
Williamson Co., Ill., sc., 1915-23, 4½%	9,000	9,000	
Wichita Fla. & N. W. Ry., 1 r., 1940, 5%	5,000	4,300	
West. States Gas & El., 1 r., 1941, 5%	10,000	8,400	
West. O. Ry., 1 m., 1921, 5%	2,000	1,800	
Waterloo C. F. & N. Ry., 1 m., 1940, 5%	5,000	4,250	
San J. L. & Pow., 1 r., 1950, 5%	5,000	4,450	
Mil. West. Fuel, 1916, 5%	500	500	
Craig Mtn. Lumber, 1918, 6%	5,500	5,500	
Butte El. & Pow., 1 m., 1951, 5%	5,000	4,800	

BONDS AND STOCKS OWNED.—Cont.		Par	Market
Bonds.—Cont.		Value	Value.
St. Clair Co., Ill., sc., 1917-22, 4½%	\$10,000	\$10,000	
Montgomery Co., sc., 1922-5, 5%	5,000	5,145	
St. Clair Co., past due	2,000	2,000	
Williamson Co., past due	1,000	1,000	
Stocks.			
Mer. & Mfrs. Bk., Mil.	5,000	5,150	
Western Adj. & Insp., Chicago	100	200	
Totals (book value, \$230,550)	\$222,000	\$220,364	

MISCELLANEOUS: This company, which was formerly the Central National Fire, was organized early in 1909 and was licensed by the Illinois Insurance Department to commence business in March, with a paid-up capital of \$100,000 and a net cash surplus of \$100,000. Capital increased in 1909 to \$200,000 and \$100,000 added to surplus; in 1910 to \$300,000 and \$100,000 added to surplus, and in 1911 to \$400,000 and \$100,000 added to surplus. In 1912, \$200,000 transferred from capital to surplus. Statements according to Illinois standard. In 1913 the company reinsured all business in the North British and Mercantile of New York, and wrote no business though it continued its organization. Early in 1914 it reorganized to transact reinsurance only and changed the name to the above.

DIRECTORS: Oliver H. Horton, Edwin S. Osgood, Robert W. Campbell, Frank M. Rice, C. E. Hunt, S. T. Jacobs, J. E. Kavanaugh, S. R. Wagg, M. H. Prescott, W. S. Hazard, Jr., Willis S. Herrick, Ralph H. Folsom, Calvin P. King, F. R. Thompson, J. A. James.

ARIZONA FIRE INSURANCE COMPANY, Phoenix, Ariz.†

President, Eugene Brady O'Neill; Secretary, A. G. Halm. Organized, 1910.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$472,974	\$150,299	\$95,957	\$231,834	\$254,654	\$81,220		\$105,345	\$186,565	\$100,741
1913	400,524	66,063	128,218	103,150	1139,737	51,990		47,622	99,612	55,855
1912	366,383	42,651	122,345	54,678	69,174	30,092		30,130	60,222	30,979
1911	319,690	35,776	83,737	72,070	77,205	22,441		32,919	55,360	22,441
1910	283,330	4,440	78,690	6,782	\$1,782			8,839	8,839	

* Includes \$75,000 initial surplus.

† Includes \$14,351 surplus paid in in 1913.

‡ Statement Ill. standard.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans	\$230,133	Losses unpaid	\$25,718
Bonds and stocks	131,037	Unearned prem.	150,299
Cash	47,285	Other liabilities	1,000
Agents' balances	54,288		
Interest	10,231	Total liabilities	\$177,017
		Capital paid up	200,000
		Net surplus	95,957
Total assets	\$472,974	Total	\$472,974

Underwriting loss, \$60,468; investment profit, \$63,781.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$21,352,842; premiums thereon, \$264,314.

BUSINESS SINCE ORGANIZATION: Premiums received, \$468,515; losses paid, \$181,690.

MORTGAGE LOANS: There are 64 mortgages at 8%, aggregating \$230,133 on properties in Arizona, valued at over twice the amount loaned. \$3,296 of interest was past due on December 31, last.

BONDS OWNED:		Par	Market
		Value.	Value.
Riverside, Cal., sc.		\$4,000	\$4,120
San Diego, Cal., imp.		20,000	20,428
Calgary, Alberta, 1933, 5%		25,000	26,000
Phoenix, Ariz., g.		30,000	30,450
Apache Co., Ariz., sc., 1919, 6%		6,000	6,180
Maricopa Co., Ariz., sc., 1932, 5%		7,000	7,101
Maricopa Co., Ariz., sc., 1932, 6%		30,000	31,000

Stocks.

Valley Bank adj. cp., Phoenix	6,180	6,180
Totals (book value, \$131,037)	\$129,180	\$131,459

MISCELLANEOUS: This company was organized June 4, 1910, and commenced business with a paid-up capital of \$200,000 and an initial surplus of \$75,000. Additional surplus, \$14,351, paid in 1913. All of the stock of the Arizona Fire is held by the Arizona Finance Co.

DIRECTORS: Epes Randolph, Lloyd B. Christy, John R. Hampton, David Babbitt, Eugene Brady O'Neill, T. G. Norris, Geo. A. Mints, Geo. A. Olney, J. G. Spangler, E. A. Sawyer, H. W. Asbury, J. J. Kolberg, A. G. Halm, T. A. Pascoe.

FIELD MEN AND TERRITORY COVERED: Arthur J. Davis, Chicago, Ill., general agent, and James A. Shearin, special agent for Ill., Ind., Mo., O., Wis. and Mich.; Paul G. Keeler, Los Angeles, Cal., for Cal.; John E. King & Co., New York City, general agents for Eastern Territory. The company operates in Ariz., Cal., Colo., Ill., Ind., Mich., Mo., N. Y., O., Pa. and Wis.

ARLINGTON FIRE INSURANCE COMPANY, Washington, D. C.

President, William King; Secretary, Wm. D. Ellett. Organized, 1872.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$428,285	\$80,417	\$100,967	\$74,265	\$91,500	\$24,041	\$16,000	\$32,092	\$72,133	\$27,643
1913	411,056	20,261	127,634	16,121	31,869	12,928	16,000	12,077	41,003	11,824
1912	421,500	25,235	131,787	38,201	52,856	12,141	16,000	18,576	46,717	15,538
1911	370,672	13,580	155,076	10,378	21,928	4,630	*16,000	8,854	29,484	6,359
1910	278,184	14,155	163,886	10,452	23,362	4,100	16,000	7,541	27,642	4,243

*Also \$100,000 stock dividend.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$200,960	Losses unpaid.....	\$8,050
Mortgage loans.....	129,512	Unearned premiums.....	80,417
Bonds and stocks.....	75,630	Borrowed money.....	58,000
Cash.....	6,762	Other liabilities.....	851
Agents' balances.....	10,537		
Interest and rents.....	4,484	Total liabilities.....	\$127,318
Other assets.....	100	Capital paid up.....	200,000
		Net surplus.....	100,967
Total assets.....	\$428,285	Total.....	\$428,285

Underwriting loss, \$25,840; investment profit, \$15,173.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$14,683,230; premiums thereon, \$112,686.

BUSINESS SINCE ORGANIZATION: Premiums received, \$730,283; losses paid, \$214,879; dividends declared, cash, \$660,000; stock, \$100,000.

REAL ESTATE OWNED: Comprises 5 parcels of Washington, D. C. property, the largest being company's office building, 1505 Pennsylvania ave., N. W., remodeled in 1911 and 1912, thus increasing the book value to \$85,736. This property was appraised at \$178,480. The next largest properties are 212-4½ st., N. W., and 1401-5th st., N. W., carried at \$8,000 each, the rest having cost less than \$6,000 each. Rents received last year amounted to \$7.27, while the taxes and expenses were \$1,303.

MORTGAGE LOANS: There were 54 loans, all first liens on improved real estate in the District of Columbia, valued at \$411,481. There was \$53 of interest past due on December 31. The company holds \$129,750 of insurance on the buildings.

BONDS OWNED:	Par Value.	Market Value.
N. Y. Cy., 1902, 4½%.....	\$72,000	\$74,180
Washington Market, 1938, 5%.....	1,500	1,470
Totals (book value, \$74,235).....	\$73,500	\$75,630

MISCELLANEOUS: Capital reduced in 1897 from \$200,000 to \$100,000, \$100,000 being carried to surplus. Capital increased in 1911 from \$100,000 to \$200,000; \$100,000 being transferred from surplus to capital. The company's charter was amended in 1911 so that its business is not restricted to the District of Columbia as formerly.

DIRECTORS: William T. Brown, Chas. R. Edmonston, Wm. King, W. Bladen Jackson, Robert C. Howard, Herbert A. Gill, Burr N. Edwards, Alex B. Legare, James M. Johnston, Sam'l L. Phillips, Isaac E. Shoemaker.

TERRITORY COVERED: General agent: John E. King, 84 William st., N. Y. City. The company is licensed in Conn., D. C., Ill., Mass., Mich., N. J., N. Y., O. and Pa.

ASSURANCE COMPANY OF AMERICA, New York, N. Y.

President, R. Bleeker Rathbone; Secretary, Charles S. Conklin. Organized, 1897.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$628,042	\$140,166	\$262,433	\$216,690	\$238,466	\$88,192	\$10,000	\$70,905	\$169,097	\$72,294
1913	553,434	126,727	193,519	209,119	226,911	82,406	10,000	66,282	158,788	94,562
1912	495,782	93,596	175,841	158,913	171,901	65,433	10,000	56,536	131,969	65,877
1911	451,947	90,946	145,054	165,739	178,714	63,488	10,000	54,382	127,850	61,401
1910	394,353	72,073	107,607	146,671	160,637	56,533	10,000	48,593	115,126	49,948

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks.....	\$536,580	Losses unpaid.....	\$10,244
Cash.....	67,890	Unearned premiums.....	140,166
Agents' balances.....	19,039	Other liabilities.....	15,199
Interest.....	4,533		
		Total liabilities.....	\$165,609
		Capital paid up.....	200,000
		Net surplus.....	262,433
Total assets.....	\$628,042	Total.....	\$628,042

Underwriting profit, \$52,572; investment profit, \$26,341.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$7,577,448; premiums thereon, \$211,385; marine and inland risks in force, \$1,968,631; premiums thereon, \$52,286.

BUSINESS SINCE ORGANIZATION: Premiums received, \$8,209,058; losses paid, \$4,582,285; dividends declared, cash, \$915,454.

BONDS OWNED.	Par Value.	Market Value.
Albany, N. Y., reg., 1917, 4½%.....	\$25,000	\$25,000
Buffalo, N. Y., reg., 1917-18, 4½%.....	15,000	15,000
New York City, N. Y., reg., 1916-28, 2½%.....	175,000	163,000
New York City, N. Y., reg., 1916, 4½%.....	26,000	24,750
New York City, N. Y., reg., 1918, 3½%.....	30,000	29,100
New York City, N. Y., reg., 1925, 3%.....	100,000	88,000
New Rochelle, N. Y., reg., 1915, 5½%.....	25,000	25,250

BONDS OWNED.—Cont.	Par Value.	Market Value.
New Rochelle, N. Y., reg., 1916-19, 4½%.....	\$25,000	\$25,000
Syracuse, N. Y., reg., 1918, 4½%.....	40,000	40,000
Chic. & Alton R.R., 1949, 3%.....	20,000	11,000
St. L. Iron Mt. & S.Ry., 1920, 4%.....	20,000	13,000
N. Y. Ry., 1942, 4%.....	8,000	3,550
N. Y. Ry., inc., 1942, 5%.....	15,000	7,650
N. Y. Cent. Lines, eq., 1915, 4½%.....	10,000	10,000
So. Pac., eq., 1915, 4½%.....	10,000	10,000
Balt. & O. R.R., 1915, 4½%.....	13,000	13,000
Balt. & O. R.R., c., 1935, 4½%.....	20,000	16,800
Amer. Tl. & Tg., 1916, 5%.....	5,000	5,000
Totals.....	\$578,000	\$525,100

MISCELLANEOUS: Capital increased from \$200,000 to \$400,000 in 1903 and reduced to \$200,000 in 1906. Conflagration losses: Baltimore, 1904, \$183,309; San Francisco, 1906, \$455,109. On February 14, 1907, the company reinsured all its outstanding risks in the National Fire of Hartford, and resumed writing January 1, 1908.

DIRECTORS: Kimball C. Atwood, Charles S. Conklin, John W. Masury, Albert R. Ledoux, Fred H. Pouch, Robert C. Rathbone, R. Bleeker Rathbone, R. C. Rathbone, 2d, Wm. G. Wilcox, W. W. Lawrence, Edward E. Hall, R. Williams, Jose M. Dias.

TERRITORY COVERED: The company operates in Conn., Ill., Mass., Minn., Mo., N. J., N. Y., O., Pa., R. I. and Wis.

ATLANTA HOME INSURANCE COMPANY, Atlanta, Ga.

President, Joel Hurt; Secretary, Chas. A. Bickerstaff. Organized, 1882.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$464,879	\$67,216	\$175,189	\$64,652	\$93,281	\$42,010	\$7,000	\$28,369	\$77,379	\$49,662
1913	460,369	71,000	174,811	73,015	98,267	41,233	14,000	40,937	96,170	44,365
1912	479,732	67,183	203,770	41,047	68,951	91,448	14,000	36,339	141,787	72,327
1911	558,947	124,131	206,053	153,709	182,209	118,354	14,000	73,034	204,388	108,274
1910	579,222	128,285	212,038	175,055	196,041	89,749	14,000	70,276	173,025	103,147

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$154,500	Losses unpaid	\$17,590
Bonds and stocks	262,075	Unearned premiums	67,216
Collateral loans	10,281	Other liabilities	4,884
Cash	14,240		
Agents' balances	20,225	Total liabilities	\$89,690
Interest and rents	3,558	Capital paid up	200,000
		Net surplus	175,189
Total assets	\$464,879	Total	\$464,879

Underwriting loss, \$13,416; investment profit, \$20,794.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$6,916,548; premiums thereon, \$131,234.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,806,704; losses paid, \$2,218,256; dividends declared, cash, \$430,797; stock, \$130,000.

MORTGAGE LOANS: There are 4 loans aggregating \$154,500, secured by Atlanta properties valued at \$415,000. One loan of \$25,000 is 14 Dist. Fulton Co., Ga.; one of \$100,500 on 23-39 Exchange Place, Atlanta, Ga.; one of \$4,000 is on 37 Daniel st., valued at \$7,500; and the other of \$25,000 on a strip of land on N. side Edgewood ave., between Courtlandt st. and Piedmont ave., Atlanta, Ga. There was no interest past due on December 31, last. The company holds \$104,000 of insurance on the buildings.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Arlington, Ga.		\$21,000	\$21,000
Calhoun, Ga.		8,000	8,000

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Canton, Ga.		\$9,000	\$9,000
Roswell, Ga.		5,000	5,000
State of Georgia.		10,000	9,700

STOCKS.		Par Value.	Market Value.
American National Bank, Macon, Ga.		20,800	39,000
Continental Trust Co., Atlanta, Ga.		30,000	36,500
Citizens First Natl. Bk., Albany, Ga.		5,500	9,075
First Natl., Dublin, Ga.		1,000	1,500
Bank of Social Circle, Ga.		1,000	1,500
Southern Trust, Hawkinsville, Ga.		7,000	6,300
N. P. Pratt Laboratory, Atlanta, Ga.		36,000	28,800
Atlantic Ice & Coal Co., p.		47,500	40,375
Atlantic Ice & Coal Co., com.		54,500	46,325
Totals		\$256,300	\$262,075

MISCELLANEOUS: Capital increased in 1885 from \$140,000 to \$160,000; in 1887, to \$200,000; in 1893, to \$500,000; reduced to \$200,000 in 1902, by return of cash to stockholders. Values of special deposits: La., \$9,700.

DIRECTORS: Joel Hurt, Dowdell Brown, Geo. F. Hurt, J. C. Hallman, W. M. Hutchinson, Chas. A. Bickerstaff, J. S. Akers, H. R. Durand.

FIELD MEN AND TERRITORY COVERED: Special agent, W. F. Prieoleau, Atlanta, Ga. The company operates in Ga. only.

ATLANTIC CITY FIRE INSURANCE COMPANY, Atlantic City, N. J.

President, William Riddle; Secretary, Edward E. Seeler. Organized, 1902.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$321,997	\$25,065	\$194,239	\$38,027	\$51,512	\$4,309	\$14,000	\$15,231	\$33,540	\$5,079
1913	304,480	25,192	176,789	37,253	51,925	4,461	14,000	16,211	34,762	3,548
1912	287,981	24,998	160,386	36,987	50,801	8,279	12,000	15,533	35,299	8,222
1911	273,779	25,059	145,844	40,389	57,868	7,236	12,000	15,074	34,310	6,290
1910	255,781	23,122	129,221	39,514	49,180	3,662	10,000	13,068	26,730	1,573

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$163,800	Losses unpaid	\$770
Bonds and stocks	100,505	Unearned premiums	25,065
Cash	44,557	Other liabilities	1,923
Agents' balances	7,320		
Interest and rents	3,993	Total liabilities	\$27,758
Other assets	1,822	Capital paid up	100,000
		Net surplus	194,239
Total assets	\$321,997	Total	\$321,997

Underwriting profit, \$16,559; investment profit, \$14,901.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,671,282; premiums thereon, \$49,143.

BUSINESS SINCE ORGANIZATION: Premiums received, \$395,610; losses paid, \$61,881; dividends declared, cash, \$95,000.

MORTGAGE LOANS: There are 48 loans, aggregating \$163,800 on first mortgages on improved property (hotels and cottages), in residential section of Atlantic City, Chelsea and Ventnor, valued at \$334,700 upon which the company holds \$155,400 of fire insurance. There was \$585 of interest past due on Dec. 31, last. Interest accrued was \$2,861.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Atlantic Cy., prem., 4%		\$16,000	\$16,000
Ocean Cy., pav., 4%		17,000	17,000
Ventnor, st. imp., 5%		3,000	3,000
Ventnor, pav., 5%		36,000	36,000
Ventnor, pk. imp., 5%		2,000	2,000
Pub. Serv. Corp., N. J., 5%		13,000	11,505
Ventnor City Hl., 5%		13,000	13,000
Ventnor School, 5%		2,000	2,000
Totals		\$102,000	\$100,505

MISCELLANEOUS: Conflagration losses: Baltimore, 1904, \$2,500. Company writes legitimate surplus and sprinklered business throughout the U. S.

DIRECTORS: I. G. Adams, James T. Bew, Amos Bateman, William Riddle, M. B. Woodruff, Louis Kushnie, William J. Black, Joseph Thompson, Thomas G. Sheen, Edward E. Seeler, David Fitzsimons, A. Calla, Geo. A. Bourgeois, Silas Shoemaker, E. V. Corson, Samuel Jackson, M. E. Kaffer, Frank B. Off.

FIELD MEN AND TERRITORY COVERED: Edward E. Seeler, general agent, Atlantic City, N. J. The company operates only in N. J.

ATLANTIC FIRE INSURANCE COMPANY, Raleigh, N. C.

President, Charles E. Johnson; Secretary, R. S. Busbee. Organized, 1905.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$269,524	\$75,861	\$64,028	\$78,913	\$90,438	\$49,499	\$10,000	\$31,775	\$91,274	\$47,039
1913	264,418	76,192	60,948	88,400	99,933	44,335	10,000	34,462	88,799	44,573
1912	253,283	71,912	54,161	89,775	100,214	35,644	10,000	30,863	76,507	33,533
1911	230,943	64,212	36,728	77,318	87,139	41,541	10,000	28,028	79,569	41,647
1910	223,327	62,085	31,260	76,040	85,781	40,067	10,000	26,334	76,401	40,223

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$143,206	Losses unpaid	\$4,635
Bonds and stocks	41,520	Unearned prems.	75,861
Collateral loans	8,300		
Cash	43,591	Total liabilities	\$80,496
Agents' balances	26,302	Capital paid up	125,000
Interest and rents	1,522	Net surplus	64,028
Other assets	5,063		
Total assets	\$269,524	Total	\$269,524

Underwriting profit, \$933; investment profit, \$12,175.

RISKS AND PREMIUMS. Fire risks in force, December 31, \$7,659,159; premiums thereon, \$149,304.

BUSINESS SINCE ORGANIZATION: Premiums received, \$669,191; losses paid, \$338,219; dividends declared, cash, \$76,009.

MORTGAGE LOANS: There are 46 loans aggregating \$143,206, protected by improved city real estate valued at \$320,000. The company holds \$149,800 of insurance on the mortgaged buildings.

COLLATERAL LOANS are as follows		Market Value.	Amount Loaned.
Securities.			
Smithfield Cot.		\$4,000	\$1,500
Trus. Church. (Para. end.)		1,300	1,300
Bank of Maxton		11,200	5,500
Totals		\$16,500	\$8,300

BONDS AND STOCKS OWNED.

	Par Value.	Market Value.
N. C. State, 6%	\$10,000	\$11,020
St. Marys sc., Raleigh, N. C.	23,000	23,000
Raleigh Country Club	2,500	2,500
Peace Institute	5,000	5,000
Totals	\$40,500	\$41,520

MISCELLANEOUS: This company was organized in December, 1905, with a subscribed capital of \$125,000, and began business February 1, 1906, with the full amount of its capital paid in. Stockholders, later in year, paid in \$25,000 additional surplus.

DIRECTORS: Chas. E. Johnson, A. B. Andrews, Jr., Alf. A. Thompson, E. C. Hillyer, H. T. Hicks, Joseph G. Brown, Ivan M. Proctor, N. A. Dunn, J. S. Wynne, C. B. Edwards, C. W. Horne, George Howard, Wm. M. Sanders, F. A. Woodard, Westcott Roberson, R. H. Hicks, W. B. Barrow, D. H. Hill, W. N. Jones, C. E. Johnson, Jr., B. B. Shepherd, J. W. Harden, R. S. Busbee, W. J. Young, C. K. Dufrey, R. E. Royall, Herman Weil, Graham H. Andrews, Chas. B. Park.

FIELD MEN AND TERRITORY COVERED: J. N. Jacobs, special agent, Raleigh, N. C. The company operates in N. C. only.

ATLANTIC FIRE AND MARINE COMPANY OF HARTFORD, CONN.

This company, originally styled The Fire & Marine Company of Hartford, was incorporated early in 1915 by the Connecticut Legislature to transact a fire and marine reinsurance business.

The capital is to be \$250,000, which may be increased to \$1,000,000. The incorporators are: William C. Scheide, A. E. Hart, G. H. Burt, E. D. Redfield and John H. Buck.

AUSTIN FIRE INSURANCE COMPANY, Dallas, Tex.

President, Geo. W. Jalonick; Secretary, A. F. Pillet. Organized, 1902.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$701,044	\$227,703	\$176,623	\$243,693	\$239,895	\$121,571	\$25,000	\$96,113	\$242,684	\$125,698
1913	653,513	208,621	139,479	239,223	291,510	118,497	25,000	92,818	236,315	116,589
1912	605,571	191,217	119,801	231,626	271,387	136,497	24,151	89,096	249,744	136,069
1911	582,353	180,417	110,113	229,859	283,906	149,016	20,458	86,704	258,706	150,511
1910	514,491	166,027	100,054	228,325	265,330	137,409	20,000	96,475	253,884	145,605

* Includes \$5,000 in 1910 and \$20,000 in 1911. (Statement according to Texas standard.)

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$16,481	Losses unpaid	\$28,869
Mortgage loans	570,782	Unearned prems.	227,703
Loans on cotton bales	700	Other liabilities	17,849
Cash	47,065	Total liabilities	\$274,421
Agents' balances	48,169	Capital paid up	250,000
Interest	17,763	Net surplus	176,623
Other assets	84		
Total assets	\$701,044	Total	\$701,044

Underwriting profit, \$20,229; investment profit, \$42,076.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$23,394,592; premiums thereon, \$404,639.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,322,346; losses paid, \$1,190,911; dividends declared, cash, \$312,418.

REAL ESTATE OWNED: Consists of one-half interest in an office building in Highland Park addition, Dallas, owned and occupied jointly with the Commonwealth Fire Insurance Company, book value, \$12,000; market value, \$13,000; a fruit farm in Cherokee County, book value, \$2,502; market value, \$3,500, and another farm, market value, \$2,505; book value, \$1,978. Net income last year, \$980.

MORTGAGE LOANS: There are 533 loans, aggregating \$570,782 on improved city and farm property in Tex., valued at \$2,421,809. None of the loans exceeds \$6,000 in amount and average less than \$1,100.

MISCELLANEOUS: Capital paid in was originally \$100,000, and was increased by quarterly payments. Increased in 1903 from \$115,840 to \$240,154; in 1904, to \$258,291, and in 1905 to \$318,975; reduced in 1906 to \$200,000; increased in 1911 to \$250,000; in 1907, \$19,558 additional surplus paid in; in 1908, \$1,093; in 1910, \$5,000 and in 1911, \$20,000. All payments made on account of \$45,387 stock notes were transferred to surplus. Conflagration losses: Baltimore, 1904, \$17,000; San Francisco, 1906, \$193,415.

DIRECTORS: Geo. W. Jalonick, J. B. Adoue, C. C. Slaughter, Alex. Sanger, F. C. Callier; J. E. Whiteselle, R. S. Tinnin, Alex. Coke, Jos. Faust, M. A. Joy, I. Jalonick, S. D. Heard, Louis Lipits.

FIELD MEN AND TERRITORY COVERED: T. Edwards, Manager for Cal., Utah, San Francisco, Cal.; special agents: W. H. Quirk, San Antonio, Tex.; V. Davis Brownwood, Tex.; W. H. Quirk, Dallas, Tex.; Henry George, Dallas, Tex.; H. F. Hines, Corsicana, Tex.; E. S. Kean, Jr., Waco, Tex., and A. T. Robertson, Victoria, Tex. The company operates in Cal., N. Y., Tex., and Utah.

AUTOMOBILE INSURANCE COMPANY OF HARTFORD, Conn.

President, M. G. Bulkeley; Secretary, J. Scofield Rowe. Commenced business, 1913.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$791,441	\$164,374	\$292,793	\$363,263	\$385,863	\$137,182	\$30,000	\$118,134	\$285,316	\$157,979
1913	693,982	45,542	303,012	106,883	†415,594	3,747	.....	21,146	24,893	5,662

* Includes \$352,736 mar. prems. and \$28,368 mar. losses.

† Includes \$300,000 surplus paid in.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans . . .	\$69,000	Losses unpaid	\$26,717
\$500,000 cv. state bds., 1934, 3½% . . .	500,000	Unearned prems	164,374
Loan on Colt's P. F. arms, val., \$23,200 . . .	20,000	Other liabilities	7,557
Cash	150,589	Total liabilities	\$198,648
Agents' balances	45,573	Capital paid up	300,000
Interest	6,279	Net surplus	292,793
Total assets	\$791,441	Total	\$791,441

Underwriting loss, \$22,124; investment profit, \$21,905.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,243,580; premiums thereon, \$11,213; marine and inland risks in force, \$12,878,376; premiums thereon, \$313,891.

BUSINESS SINCE ORGANIZATION: Premiums received, \$470,147; losses paid, \$136,954; dividends declared, cash, \$30,000.

MORTGAGE LOANS: The 30 loans aggregate \$69,000, and are secured by Okla., Conn., Ia. and Tex. properties valued at \$204,344. The only loans in excess of \$6,000 each are one of \$15,000 and one of \$10,000.

MISCELLANEOUS: This company was incorporated in 1907, but did not begin business until 1913, in which year its capital (\$300,000) and an initial surplus of \$300,000 were paid in. The capital stock is controlled by the Aetna Life. Deposit in Conn., \$300,000.

DIRECTORS: M. G. Bulkeley, S. G. Dunham, J. O. Enders, M. B. Brainard, J. L. English, J. Scofield Rowe, Walter C. Faxon.

FIELD MEN AND TERRITORY COVERED: General and special agents: R. E. Anderson & Co., general agents, Berlin Bldg., Tacoma, Wash.; J. C. Barrows, general agent, Pierce Bldg., St. Louis, Mo.; Clyde A. Bissett, manager, Republic Bldg., Kansas City, Mo.; T. J. Bosquett, dist. manager, Majestic Bldg., Detroit, Mich.;

Arthur W. Burke, general agent, 45 Kilby st., Boston, Mass.; R. F. Bennett, manager, Security Bldg., Los Angeles, Cal.; Chesley & Chesley, general agents, 1317-19 N. Y. ave., Washington, D. C.; The Day & Hansen Sec. Co., general agents, Old Nat. Bank Bldg., Spokane, Wash.; Dunning & Dunning, general agents, Alworth Bldg., Duluth, Minn.; W. S. Essick, general agent, Union Trust Co. Bldg., Harrisburg, Pa.; Eyer & Henry, dist. managers, Benedum Trees Bldg., Pittsburgh, Pa.; Essick & Barr, general agents, 539 Court st., Reading, Pa.; Geo. M. Farnsworth, general agent, Hubbell Bldg., Des Moines, Ia.; Grinnell-Row-Althouse Co., general agents, Mich. Trust Co. Bldg., Grand Rapids, Mich.; Howard E. Gray Agency Co., general agents, 112-14 E. 4th st., Joplin, Mo.; C. G. Hallowell, manager, 110 W. Mich. Ave., Lansing, Mich.; A. H. Knoll, general agent, White Bldg., Buffalo, N. Y.; R. C. Knox, general agents, 39 Pearl st., Hartford, Conn.; Roscoe H. Keffler, general agents, Connell Bldg., Scranton, Pa.; J. A. Lewis, general agent, McKnight Bldg., Minneapolis, Minn.; Lucas & Dake Co., general agents, 103-9 Duke Bldg., Rochester, N. Y.; G. A. Mills, assistant manager, 25 No. Pearl st., Albany, N. Y.; J. R. Moloney, manager, Exposition Bldg., San Francisco, Cal.; C. K. Mount, manager, Woodward Bldg., Washington, D. C.; McCargar, Bates & Lively, general agents, Yeon Bldg., Portland, Ore.; H. A. McKinney, manager, Turks Head Bldg., Providence, R. I.; W. R. Perkins, dist. manager, 1706 First Nat. Bank Bldg., Cincinnati, O.; H. D. Plimpton, manager, Pabst Bldg., Milwaukee, Wis.; C. H. Phelan, manager, 100 William st., New York, N. Y.; G. W. Rourke, general agent, New York Block, Seattle, Wash.; H. K. Remington, manager, Lyman Bldg., Springfield, Mass.; W. T. Shackelford, & Co., general agents, 15-17 Commerce st., Baltimore, Md.; Geo. Tramel, manager, 175 W. Jackson st., Chicago, Ill.; H. N. Throckmorton, manager, Traction Terminal Bldg., Indianapolis, Ind.; John S. Turn, manager, 407-9 Walnut st., Philadelphia, Pa.; W. G. Wilson, dist. manager, Leader News Bldg., Cleveland, O.; Watson & Wadsworth, managers, Union Bldg., Syracuse, N. Y. The company operates in Cal., Conn., D. of C. Ill., Ind., Ia., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., O., Ore., Pa., R. I., Vt., Wash. and Wis.

BANKERS AND MERCHANTS FIRE INSURANCE COMPANY, Minneapolis, Minn.

President, J. G. Swan; Secretary, H. F. Thompson. Organized 1911.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$310,442	\$34,829	\$63,071	\$44,471	\$64,077	\$11,607	.....	\$35,561	\$47,168	\$12,915
1913	296,001	7,531	82,026	18,107	21,736	167	.....	28,622	24,789	167

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans . . .	\$221,950	Losses unpaid	\$1,308
Cash	74,816	Unearned prems	34,829
Agents' balances	6,805	Other liabilities	7,874
Interest and rents	6,721	Total liabilities	\$44,011
Other assets	150	Capital paid up	203,360
		Net surplus	63,071
Total assets	\$310,442	Total	\$310,442

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,650,318; premiums thereon, \$51,982.

BUSINESS SINCE ORGANIZATION: Premiums received, \$63,108; losses paid, \$11,774.

MORTGAGE LOANS: There are 92 loans aggregating \$221,950 on improved property valued at more than double the amount loaned thereon. Company holds ample insurance on the mortgaged buildings. There was \$48 of interest past due on Dec. 31, last; and there is one loan of \$800 in foreclosure.

MISCELLANEOUS: This company was incorporated in 1911 and commenced business in 1913 with \$200,060 capital paid in. Capital increased \$3,300 in 1914 by payment of stock subscription notes.

DIRECTORS: M. Bullis, P. A. Christianson, J. G. Gebbard, Chas. Koonse, M. E. Lewis, J. B. Neesen, Robert Olson, J. G. Swan, H. F. Thompson, H. E. Sox, C. S. Atkinson, Lafayette Dodds, H. A. Sasse, August Plachta, Wm. Cleveringa.

TERRITORY COVERED: The company operates in Ariz., Minn., N. D. and S. D.

BIRMINGHAM FIRE INSURANCE COMPANY, Pittsburg, Pa.

President, Charles Melling; Secretary, A. J. Henning; Assistant Secretary, A. G. Kaufmann. Organized, 1871.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$507,614	\$115,480	\$177,926	\$118,581	\$154,531	\$57,826	\$24,000	\$61,091	\$142,917	\$66,600
1913	497,963	98,430	194,099	104,536	132,112	55,341	24,000	47,950	127,291	60,775
1912	491,607	87,045	196,660	91,371	116,675	34,821	20,000	38,820	93,641	37,305
1911	470,593	85,644	179,196	90,258	119,710	25,907	20,000	42,688	88,595	31,660
1910	440,258	77,393	156,968	79,353	107,964	28,817	20,000	39,485	88,302	26,087

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$28,006	Losses unpaid.....	\$14,208
Mortgage loans.....	404,925	Unearned premiums.....	115,480
Cash.....	49,918	Total liabilities.....	\$129,688
Agents' balances.....	17,828	Capital paid up.....	200,000
Interest and rents.....	6,987	Net surplus.....	177,926
Total assets.....	\$507,614	Total.....	\$507,614

RISKS AND PREMIUMS: Fire risks in force, December 31, \$20,605,553; premiums thereon, \$213,109.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,721,555; losses paid, \$700,618; dividends declared, cash, \$63,046.

REAL ESTATE OWNED: Consists of company's home office building valued at \$24,536 and a 2 story frame building valued at \$2,470. Net income last year, \$1,347.

MORTGAGE LOANS: These loans aggregate \$404,925 on Allegheny Co. property valued at considerably more than double the amount loaned. There was \$471 of interest past due and \$5,978 accrued on December 31, last. The company holds ample fire insurance on the mortgaged buildings.

MISCELLANEOUS: Capital increased in 1879 from \$148,000 to \$171,410, and in 1880 to \$200,000.

DIRECTORS: Charles Melling, William Ruske, Leonard Kaufman, Frederick Buehler, George Hofmeister, William Henning, George L. Sutter, John Siefert, J. E. Roth, Jos. F. Ploeger, John C. Rudolph, John A. Bleichner.

FIELD MEN AND TERRITORY COVERED: Robert M. Coyle & Co., Philadelphia, Pa., general agent for Philadelphia and six adjoining counties; F. S. Tewksbury, Pittsburg, Pa., special agent for Pa.; Ezra A. Benner, Hazelton, Pa., general agent for six counties. The company operates in Ill. & Pa.

BOSTON INSURANCE COMPANY, Boston, Mass. §

President, R. B. Fuller; Secretary, Freeman Nickerson. Organized, 1873.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$6,465,723	\$2,377,725	\$2,337,729	\$3,443,618	\$3,799,722	\$2,011,661	\$240,000	\$1,283,494	\$3,535,155	\$2,141,351
1913	6,294,741	2,237,637	2,531,429	3,228,129	3,674,425	1,819,748	240,000	1,209,478	3,269,226	1,840,556
1912	6,096,196	2,110,114	3,050,705	2,156,327	3,403,250	1,788,391	210,000	1,153,901	3,151,992	1,741,281
1911	6,467,567	2,083,311	2,871,561	3,070,044	3,317,960	1,851,595	300,000	1,077,483	3,229,078	1,823,213
1910	6,190,763	1,953,010	2,676,412	3,077,066	3,328,556	1,656,514	300,000	1,102,230	3,058,744	1,674,317

* Includes \$1,670,823 marine premiums and \$891,394 marine losses.

† Statements according to Mass. standard.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$505,241	Losses unpaid.....	\$575,940
Mortgage loans.....	417,500	Unearned premiums.....	2,377,725
Bonds and stocks.....	4,406,888	Dividends.....	120,000
Collateral loans.....	20,000	Other liabilities.....	64,329
Cash.....	484,734	Total liabilities.....	\$3,127,994
Agents' balances.....	565,897	Capital paid up.....	1,000,000
Interest.....	20,200	Net surplus.....	2,337,729
Other assets.....	45,134	Total.....	\$6,465,723
Total assets.....	\$6,465,723		

Underwriting loss, \$138,062; investment profit, \$196,100.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$37,610,900; premiums thereon, \$3,398,671; marine and inland risks in force, \$35,775,614; premiums thereon, \$1,105,527.

BUSINESS SINCE ORGANIZATION: Premiums received, \$5,906,415; losses paid, \$36,746,560; dividends declared, cash, \$5,150,000.

REAL ESTATE OWNED: Consists of property at Milk and Silby sts., carried at cost.

MORTGAGE LOANS: There are 29 loans, of which 15 are each for \$10,000 or more. They are all secured by Mass. property, mostly located in Boston and its suburbs. The total amount of loans (\$417,500) is only about one-half of the estimated value of the securities (\$826,900). One loan of \$90,000 is upon 275-285 Congress st., Boston; one of \$25,000 is upon 138 Ivy st., Brookline; one of \$40,000 is upon property at Glendon and Eagle sts., Boston; and one of \$26,000 is upon 165-166 Tremont st., Boston. There was \$2,231 of interest past due on December 31, last, but the due date for all such interest was December 31.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
New River, p.	Securities.	\$25,000	\$20,000
Bos. & Worcester El. co., p.		11,100	
Total.....		\$36,100	\$20,000

† Transacts both fire and marine business.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Augusta, Ga., fl. pro., 1944, 4½%		\$5,000	\$5,000
Boston, Chelsea Bridge, So., 1923, 4½%		5,000	5,150
Boston, Bway, bridge, 1923, 4½%		8,000	8,240
Boston, bldg. & bldg. for sch., 1928, 4½%		50,000	51,000
Boston, Inds. & bldg. for sch., 1933, 4½%		25,000	26,500
Boston, Lg. Is. Imp., 1931, 4½%		8,000	8,400
Boston, Lg. Is. Imp., 1933, 4½%		8,000	8,480
Boston, bldg., 1931, 4½%		6,000	6,300
Boston, bldg., 1933, 4½%		6,000	6,360
Boston, bldg., 1931, 4½%		6,000	6,360
Boston, bldg., 1933, 4½%		6,000	6,360
Boston, sep. drain., 1932, 4½%		16,000	16,960
Boston, sep. drain., 1933, 4½%		16,000	16,960
Boston, sep. drain., 1939, 3½%		10,000	9,600
Boston, hosp., 1932, 4½%		14,000	14,840
Boston, hosp., 1933, 4½%		14,000	14,840
Boston, sewerage loan, 1933, 4½%		15,000	15,900
Boston, Pol. Sta., So. Bos., 1933, 4½%		5,000	5,300
Boston, playgrounds, 1933, 4½%		5,000	5,300
Boston, tunnel, 1949, 3½%		73,000	69,350
Boston, rap. tran. loan, 1949, 3½%		4,000	3,800
Minneapolis, Minn., bg., 1939, 4½%		25,000	24,500
Victoria, B. C., d., 1923, 4½%		25,000	24,250
Georgia, State, 1915, 4½%		2,000	2,000
Georgia, State, 1915, 4½%		3,000	3,000
Georgia, State, 1918, 3½%		1,000	990
Georgia, State, 1920, 3½%		3,000	2,940
Georgia, State, 1928, 3½%		1,000	960
Cal., State, San. Fran. Har., 1985, 4½%		50,000	47,500
Comm., Mass., state hy. loan, 1916, 4½%		9,000	9,090
Comm., Mass., state hy. loan, 1917, 4½%		20,000	20,200
Comm., Mass., state hy. loan, 1918, 4½%		18,000	18,180
Comm., Mass., state hy. loan, 1924, 4½%		12,000	12,360
Comm., Mass., state hy. loan, 1925, 3½%		12,000	11,880
Comm., Mass., armory loan, 1918, 4½%		3,000	3,030
Comm., Mass., port B. loan, 1919, 4½%		50,000	51,740
Comm., Mass., pris. & hosp., 1939, 3½%		63,000	61,400
Comm., Mass., Meta. ar. loan, 1946, 3½%		13,740	12,000

BOSTON INSURANCE COMPANY, Boston, Mass.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
BONDS.—Cont.		Value.	Value.
Comm., Mass., Act of 1903, 1946, 3½%	\$16,000	\$15,680	
At. Top. & S. F. R.R., 1995, 4%	58,000	53,760	
At. Top. & S. F. R.R., adj., 1995, 4%	30,000	26,400	
Boston Elev. Ry. Co., 1935, 4%	50,000	43,000	
Boston & Lowell R.R., 1932, 4%	25,000	23,500	
Boston & Maine R.R., 1926, 4%	50,000	38,500	
C., M. & St. P. Ry., cv., 1932, 4½%	10,500	10,710	
Fitchburg R.R., 1925, 4%	50,000	46,000	
Fitchburg R.R., 1927, 4%	10,000	9,100	
Fitchburg R.R., 1928, 4½%	50,000	47,500	
Ill. Cent. R.R. (Lo. Div.), 1953, 3½%	25,000	20,500	
N. Y. C. & H. R.R., 1998, 3½%	50,000	39,000	
N. Y. N. H. & H. R.R., cv. d., 1948, 6%	41,700	44,202	
N. Y. Connee. R.R., 1 m. g., 1953, 4½%	25,000	24,250	
Old Colony R.R., 1925, 4%	15,000	14,250	
Ore. Short Line Ry., 1922, 6%	10,000	11,000	
Ore. Short Line Ry., cs. 1 m., 1946, 5½%	500	540	
So. Pac., cv., 1929, 4%	8,000	6,880	
Southern Ry., 1951, 4%	2,000	1,740	
St. L. & S. F. R.R., gn. ln., 1927, 5%	25,000	10,000	
West End St. Ry., 1932, 4%	25,000	22,750	
Wis. Cent. R.R., 1949, 4%	12,000	10,560	
Booth Mfg., cv., 1931, 4½%	25,000	24,000	
Mallory Steamship, 1932, 5%	100,000	88,000	

STOCKS.		Par	Market
Baltimore & Ohio R.R.	2,400	1,944	
Baltimore & Ohio R.R.	4,500	4,005	
Boston & Albany R.R.	50,000	80,000	
Boston Elevated Ry.	250,000	227,500	
Boston & Lowell R.R.	10,000	16,000	
Boston & Maine R.R., c.	100,000	35,000	
Chicago, Milwaukee & St. Paul Ry., c.	40,000	39,600	
Chicago, Milwaukee & St. Paul Ry., p.	30,000	40,200	
Delaware & Hudson	110,000	162,800	
Fitchburg R.R., p.	10,000	7,800	
Manchester & Lawrence R.R.	5,000	6,000	
New York Cent. & Hudson River R.R.	170,000	153,000	
New York, New Haven & Hartford R.R.	175,000	96,250	
Northern Pacific Ry.	10,000	11,100	
Old Colony R.R.	42,500	63,750	
Pennsylvania R.R.	250,000	277,500	
Southern Pacific, c.	25,000	24,000	
Union Pacific R.R., c.	20,000	25,800	
First Bank, Boston, Mass.	65,600	294,372	
First Bank, Salem, Mass., liq.	10,000		

BONDS AND STOCKS OWNED.—Cont.		Par	Market
BONDS.—Cont.		Value.	Value.
Grand Bank, Marblehead, Mass.	\$1,700	\$1,965	
Merchants' Bank, Salem, Mass.	5,000	8,500	
Merchants' Bank, Worcester, Mass.	15,000	29,250	
Shawmut Bank, Boston, Mass.	45,000	92,250	
Webster & Atlas Bank, Boston, Mass.	15,400	31,570	
Brookline Trust Co., Brookline, Mass.	10,000	26,500	
American Sugar Refining, p.	50,000	57,000	
American Tel. & Telg.	200,000	246,000	
Edison Electric Illuminating	100,000	249,000	
General Adjustment Bureau, N. Y.	50	50	
General Electric	13,000	19,500	
Old Colony Insurance	358,500	717,000	
Pullman Co.	50,000	77,500	
Underwriters' Salvage	500	500	
Western Union Telegraph	42,000	24,730	
Tota s (book values, \$4,811,573).....	\$3,613,850	\$4,406,598	

MISCELLANEOUS: Prior to 1899 this company was named the Boston Marine Insurance Company. Capital increased from \$300,000 to \$500,000 in 1876, and to \$1,000,000 in 1881. Conflagration loss: Baltimore, 1904, \$258,235. Company transacts both fire and marine insurance. Value of deposit in Ga., \$9,890. This company owns \$358,500 (par value) of the stock of the Old Colony Insurance Company, valued at \$717,000, which is not admitted as an asset by the New York Insurance Department. Loss by San Francisco conflagration, 1906, \$24,260 (marine only).

DIRECTORS: Ransom B. Fuller, Donald M. Hill, Wm. H. Lincoln, Frank B. Dole, Israel E. Decrow, Calvin Austin, Herbert Fuller, Eugene P. Carver, James W. Dunphy, Frank B. McQueen, William R. Hedge, Edward E. Blodgett, N. J. Rust, Ward Williams.

FIELD MEN AND TERRITORY COVERED: Edmund Winchester, fire manager; I. Lloyd Greene, assistant fire manager, Boston, Mass.; Frank O. Channell, Rochester, and John B. Dacey, Albany, special agents for N.Y. State; W. S. Quintero, Poughkeepsie, N. Y., special agent for N. Y. and N. J.; Harold A. Miller, Philadelphia, Pa., for East Pa., Del., Md. and D. C.; F. W. Sippell, Pittsburg, Pa., special agent for West Pa., Md. and W. Va.; Alfred H. Mills, Boston, Mass., special agent for No. New England; Jas. W. Hemingway, New Haven, Conn., special agent for So. New England. The company operates in all the States of the United States except Ala., Ariz., Haw., Ida., Mont., Nev., N. M., S. C. and Wyo.

BUCKEYE NATIONAL FIRE INSURANCE COMPANY, Toledo, O.

President, H. M. Barfield; Secretary, H. S. Bassett. Organized, 1912.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914†	\$147,213	\$1,654	\$44,425	\$2,676	*\$105,636	.....	.....	\$80,401	\$80,401	.....

† Includes \$50,000 commission on sale of stock. ending December 31, 1914.

* Includes \$100,000 premium on capital stock.

† Statement for 3 months

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans	\$57,871	Unearned prems	\$1,654
Bonds	20,387	Other liabilities	1,134
Cash	65,442		
Agents' balances	1,534	Total liabilities	\$2,788
Interest	1,836	Capital paid up	100,000
Other assets	143	Net surplus	44,425
Total assets	\$147,213	Total	\$147,213

BONDS OWNED:		Par	Market
		Value.	Value.
Chardon, O., Pav., 5%	\$4,000	\$4,160	
Grafton Twp., O., 5%	5,000	5,142	
Cuyahoga Co., Road, 4%	1,000	1,030	
Miami Co., O., Emer., rd., 5%	5,000	5,339	
Harrison Co., O., hwy., 5%	4,500	4,722	
Tota's	\$19,500	\$20,397	

RISKS AND PREMIUMS: Fire risks in force, December 31, \$269,882; premiums thereon, \$2,662.

PREMIUMS RECEIVED SINCE ORGANIZATION, \$2,676.

MORTGAGE LOANS: There are 11 loans, aggregating \$57,871, principally on farm property, located in Lucas, Defiance, Paulding, Putnam and Wood counties, O. The total value of the mortgaged property is \$185,525. The company holds \$57,800 insurance on the mortgaged buildings, and on Dec. 31, last, there was no interest past due.

MISCELLANEOUS: The company was organized in 1912, but did not commence business till Oct. 1, 1914. It was formerly known as the Peoples National.

DIRECTORS: J. M. Spencer, Chas. Feilbach, C. H. Voegelé, H. M. Barfield, A. R. Chandler, G. H. Nettleman, Chas. S. Turner, Sherman Bond, W. B. Smith, U. G. Denman, O. W. Holmes, D. L. Durbin, O. D. Tiffany, F. A. Lutz, F. P. Clark, Geo. Altenburger, H. S. Bassett, C. B. Johnson, J. H. Pickard, C. L. Barnett.

FIELD MEN AND TERRITORY COVERED: Samuel A. Barclay is managing underwriter, with jurisdiction over the entire state of O., which is the only state in which the company operates.

BUFFALO GERMAN INSURANCE COMPANY, Buffalo, N. Y.

President, John G. Wickser; Vice-Presidents, E. B. Eggert, Fred Greiner; Secretary, Chas. A. Georger; Assistant Secretaries, L. W. Fisher and Geo. H. Hofheins. Organized, 1867.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$3,218,678	\$790,776	\$1,869,779	\$597,675	\$716,832	\$432,926	\$60,000	\$279,314	\$772,240	\$429,628
1913	2,631,631	677,584	1,661,075	619,190	739,841	350,872	270,000	264,445	885,317	332,662
1912	2,789,480	678,805	1,809,687	660,622	759,857	375,547	70,000	272,672	718,219	353,586
1911	2,575,374	652,061	1,611,062	648,281	757,169	359,375	70,000	290,563	719,938	359,779
1910	2,533,610	631,200	1,597,906	642,881	755,006	289,683	70,000	289,104	648,787	296,944

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$525,000	Losses unpaid.....	\$58,123
Mortgage loans.....	533,700	Unearned premiums.....	790,776
Bonds and stocks.....	1,733,927	Res. for contingen.....	80,000
Collateral loans.....	16,800	Other liabilities.....	20,000
Cash.....	259,247		
Agents' balances.....	118,742	Total liabilities.....	\$948,899
Interest and rents.....	31,109	Capital paid up.....	400,000
Other assets.....	153	Net surplus.....	1,869,779
Total assets.....	\$3,218,678	Total.....	\$3,218,678

Underwriting profit, \$37,825; investment profit, \$133,498.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$160,768,347; premiums thereon, \$1,554,011.

BUSINESS SINCE ORGANIZATION: Premiums received, \$13,650,245; losses paid, \$9,168,910; dividends declared, cash, \$2,305,925.

REAL ESTATE OWNED: Consists of a 5-story iron building at Main st. and Broadway, Buffalo, N. Y., carried at book value, \$325,000, and which cost \$320,000 in 1871.

MORTGAGE LOANS: There are 191 loans, all of which are on Buffalo properties, and only 3 of the whole number equal or exceed \$10,000 in amount. The average amount is about \$2,500, and on the entire number there was no overdue interest. Loans aggregating \$533,700 are secured by properties valued at \$1,461,588. The largest single loans are one of \$15,000 on a foundry at Amherst & Tonawanda Sts., Buffalo, valued at \$48,000, and one of \$15,500 on a factory at S. E. cor. Broadway and Walnut St., valued at \$39,970.

COLLATERAL LOANS are as follows:

SECURITIES.	Market Value.	Amount Loaned.
Am. Agri. Chem. Co., p.....	\$740	
Wet. Union Tlg.....	2,900	
Union Pac. Co.....	1,450	
Am. Smk. & Ref. Co.....	650	\$6,000
Chi. R. I. & Pac., 4%, May 1, 2002.....	500	
Del. & Hudson, 4%, June 15, 1916.....	980	
Toledo Gas & El. Htg., bs.....	1,280	
Third Nat. Bk. Buffalo.....	3,000	4,500
Gen. Am. Bk., Buffalo.....	4,000	
Niag. Falls Power g., bs.....	7,140	6,300
Buff., Lock. & Roch. R. R., bs.....	550	
Total.....	\$23,270	\$16,800

BONDS OWNED:		Par Value.	Market Value.
State of New York, cons. tm., 1942, 4%.....	\$75,000	\$73,500	
Emp. Co. N. Y., 1924-25, 4 1/2%.....	30,000	29,700	
Emp. Co. N. Y., 1926-29, 4%.....	64,000	53,740	
County of Westchester, 1937-38, 4%.....	40,000	38,400	
Buffalo, 1915-29, 3 1/2%.....	266,912	261,220	

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Buffalo, 1910-29, 4%.....	\$384,000	\$380,160
New York, N. Y., 1916-29, 3 1/2%.....	235,000	221,800
Los Angeles, Cal., el., 1920, 4 1/2%.....	16,000	15,840
Los Angeles, Cal., harbor imp., 1921, 4 1/2%.....	9,000	8,820
Batavia, N. Y., sr., 1919, 4 1/2%.....	14,000	13,860
C., M. & St. P. R. R., C. & F. W. Div., 1921, 5%.....	70,000	72,100
C., M. & St. P. R. R., Wis. & Minn. Div., 1921, 5%.....	40,000	41,200
C., M. & St. P. R. R., Dak. & Gt. So. Div., 1916, 5%.....	25,000	25,250
C., M. & St. P. R. R., La C. & D. Div., 1919, 5%.....	40,000	40,800
C., M. & St. P. R. R., Dubuque Div., 1920, 6%.....	25,000	27,000
C. B. & Q. R. R., Neb. Div., 1927, 4%.....	35,000	33,250
C. N. W. R. R., ex. st. l., 1915, 7%.....	11,000	11,000
C. N. W. R. R., ex. tr., 1912, 1918, 4 1/2%.....	20,000	19,800
St. P. & Sioux City R. R., 1919, 6%.....	29,000	31,030
St. P., Minn. & Man. R. R., 1933, 4%.....	20,000	19,000
Atch., T. & S. F. R. R., E. Okla. Div., 1923, 4%.....	25,000	23,000
Del. & Hud., r., 1945, 4%.....	50,000	47,000
Rome Wat. & Ogdena. R. R., 1922, 5%.....	26,000	26,780
L. S. & Mich. So. R. R., 1907, 3 1/2%.....	25,000	21,250
Buff., So. R. R., ext., 1918, 5%.....	15,000	15,000
N. Y., Lack. & West. R. R., 1921, 6%.....	25,000	27,250
N. Y. Central Lines, ex., 1920, 4 1/2%.....	15,000	14,550
Penn. gn. ex., tr., 1917, 4%.....	15,000	14,700
Wabash R. R., 1939, 5%.....	15,000	15,300
West Shore R. R., 2361, 4%.....	10,000	9,100
Buffalo Ry., 1931, 5%.....	25,000	25,500
Niagara Falls Power, 1932, 5%.....	21,000	21,120
Buffalo Gn. El., 1939, 5%.....	25,000	25,000
Terre Haute & Ind. R. R., 1925, 5%.....	10,000	10,200
Totals (book value, \$1,713,246).....	\$1,742,916	\$1,713,246

* Securities as per company's valuations; the item in Assets is based on Insurance Department valuations.

MISCELLANEOUS: Conflagration losses: Chicago, 1871, \$5,000; San Francisco, 1906, \$275,000, net Chelsea, 1908, \$65,430. In April, 1914, this company absorbed the Buffalo Commercial, thereby increasing its capital from \$200,000 to \$400,000.

DIRECTORS: O. J. Eggert, Charles Boller, Aug. O. Goets, Edwin B. Eggert, George Urban, Jr., John G. Wickser, Henry P. Houck, Charles Groben, Edwin G. S. Miller, Frank P. Person, William J. Beyer, George W. Schmidt, Fred Greiner, L. P. Adloff, Jr., J. M. Mesmer, John L. Kronenberg, Jacob C. Dold, John Benstead, Wm. G. Houck, E. L. Koons, F. A. Kraft, A. A. Berrick, M. C. Mills, C. A. Georger.

FIELD MEN AND TERRITORY COVERED: Chas. J. Herbold, general agent, Edw. F. Clarke, Henry M. Miller, C. W. Truncer, W. F. Abbey, H. J. Lambin, C. C. Bowersox, special agents. The company operates in Conn., D. C., Ill., Ind., Ia., Ky., Md., Mass., Mich., Minn., Mo., Neb., N. J., N. Y., O., Pa., W. Va., and Wis.

CALEDONIAN-AMERICAN INSURANCE COMPANY, New York, N. Y.

President, Chas. H. Post; Vice-Pres., R. C. Christopher; Secretary, Milward Prain; Asst. Sec., H. E. Franck. Organized, 1898.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$261,175	\$14,438	\$43,504	\$15,985	\$26,054	\$11,608	\$8,000	\$5,545	\$25,153	\$10,989
1913	253,369	14,165	35,938	16,966	26,741	9,506	8,000	5,794	23,300	9,715
1912	252,114	12,617	28,104	15,635	25,516	9,321	8,000	5,524	22,845	6,921
1911	256,827	13,337	39,134	13,423	22,966	11,784	.....	4,893	16,677	12,960
1910	250,294	16,202	31,505	16,305	25,883	10,259	8,000	5,965	24,224	9,670

CALEDONIAN-AMERICAN INSURANCE COMPANY, New York, N. Y.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks...	\$237,038	Losses unpaid.....	\$2,433
Cash.....	8,622	Unearned prems.....	14,438
Agents' balances.....	13,181	Other liabilities.....	800
Interest.....	2,334		
		Total liabilities.....	\$17,671
		Capital paid up.....	200,000
		Net surplus.....	43,504
Total assets.....	\$261,175	Total.....	\$261,175

Underwriting loss, \$1,106; investment profit, \$16,673.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,050,191; premiums thereon, \$27,688.

BUSINESS SINCE ORGANIZATION: Premiums received, \$497,068; losses paid, \$437,027; dividends declared, cash, \$92,000.

BONDS AND STOCKS OWNED:		Par	Market
Bonds.		Value.	Value.
N. Y. Cy. cp. st., 1954, 3½%		\$175,000	\$154,000
N. Y. Cy. cp. st., 1935, 3½%		48,000	43,680

BONDS AND STOCKS OWNED.—Cont.		Par	Market
Bonds.—Cont.		Value.	Value.
N. Y. Cy., op. st., 1960, 4½%		\$8,000	\$8,240
Bklyn., Queens Co., & Sub. R. R., 1 m. g., 1941, 5%		5,000	5,000
N. Y., O. & W. Ry., r. m. g., 1992, 4%		5,000	4,150
Steinway R. R., N. Y., 1 m. g., 1922, 6%		5,000	5,050
Amer. Tl. & Tg., cv. g., 1933, 4½%		1,200	1,188
10 & 23rd St. Ferry, 1 m. g., 1919, 5%		5,000	2,150
Stocks.			
Amer. Tl. & Tg., cap. st.,		6,000	7,380
Pitts., Bessemer & L. E. R. R., gr.		10,000	6,200
Totals (book values, \$245,648).....		\$268,200	\$237,038

DIRECTORS: Chas. F. Mathewson, Chester B. Lawrence, Walter D. Briggs, Harry A. Kahler, N. A. McNeil, Chas. H. Post, R. C. Christopher, Chas. B. Hubbell, H. E. Franck.

FIELD MEN AND TERRITORY COVERED: The company is licensed in Cal., Colo., Conn., Me., Md., Mass., Mich., N. J., N. Y., Pa. and Wash.

CALIFORNIA INSURANCE COMPANY, San Francisco, Cal.

President, E. T. Niebling; Secretary, George W. Brooks. Organized, 1861.

YEAR.	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,024,513	\$381,427	\$178,055	\$421,283	\$481,490	\$182,182		\$203,424	\$385,606	\$185,216
1913	1,154,679	350,681	205,450	482,562	546,977	299,282	55,000	247,076	601,358	276,473
1912	1,262,144	518,492	289,137	493,910	550,605	324,048	60,000	216,974	601,022	294,926
1911	1,313,103	619,825	204,812	750,615	818,090	284,464	60,000	307,747	653,211	287,112
1910	1,161,185	545,136	151,769	682,437	738,950	324,487	60,000	297,854	682,341	311,566

Reinsured in 1892 in Firemans Fund, Home of New York and Peoples of Manchester; reorganised and resumed business June 15, 1905.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$85,000	Losses unpaid.....	\$18,698
Mortgage loans.....	322,000	Unearned prems.....	381,427
Bonds and stocks.....	427,575	Other liabilities.....	46,333
Collateral loans.....	27,600		
Cash.....	69,051	Total liabilities.....	\$446,458
Agents' balance.....	109,005	Capital paid up.....	400,000
Interest.....	8,846	Net surplus.....	178,055
Total.....	\$1,049,077		
Spl. dep. over liab.....	24,564		
Total assets.....	\$1,024,513	Total.....	\$1,024,513

Underwriting profit, \$6,863; investment loss, \$16.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$51,588,981; premiums thereon, \$730,433.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,702,518; losses paid, \$3,740,847; dividends declared, cash, \$325,000.

REAL ESTATE OWNED: Comprises lot 40x60 ft., 4-story and basement brick building, 550-558 Sacramento st., San Francisco, Cal. The net income in 1907 was \$2,975; in 1908, \$6,045; in 1909, \$5,152; in 1910, \$5,945; in 1911, \$4,517; in 1912, \$1,916; in 1913, \$517; in 1914, \$823. The rental includes \$3,600 for the company's occupancy.

MORTGAGE LOANS: There are 8 mortgage loans aggregating \$322,000 protected by real estate in and near San Francisco, in Spokane, Wash., and in Fresno, valued at \$1,176,960. The company holds \$338,550 of fire insurance on the buildings. There was no interest past due on December 31, last.

COLLATERAL LOANS are as follows:		Market	Amount
	Value.	Value.	Loaned.
Judson Mfg., Oakland, Cal.....	\$50,000		\$2,000
Pac. Coast Cas., San Fran., Cal.....	1,320		
Peoples Water, Oakland, Cal.....	25,600		35,000
Totals.....	\$76,920		\$37,000

BONDS AND STOCKS OWNED:		Par	Market
Bonds.		Value.	Value.
Los Ang. Pac. Ry. of Cal., 1943, 5%		\$20,000	\$18,800
Los Ang. Pac., 1 c., 1931, 5%		10,000	10,100
Oakland Transit, ca., 1932, 5%		10,000	10,000
Sutter St. Ry., San Fran., 1918, 5%		5,000	4,750
Un. R. R. of San Fran., 1927, 4%		50,000	26,500
Oakland Tc., ca., 1933, 5%		20,000	16,600
Petaluma & Santa Rosa Ry., 1924, 5%		12,000	11,280
Oakland Tc., 1935, 5%		10,000	7,500
Los Ang. Ry., 1938, 5%		20,000	20,600
San Fran., Oak. & San Jose Ry., 1, 1933, 5%		5,000	5,050
Pac. El. Ry., San Fran., 1942, 5%		5,000	5,000

BONDS AND STOCKS OWNED.—Cont.		Par	Market
Bonds.—Cont.		Value.	Value.
So. Pac., 1 r. 4s, 1955, 4%		\$10,000	\$9,200
Western Pac. R. R., 1933, 5%		65,000	27,950
San Fran., & San Joaquin Val. R. R., 1940, 5%		16,000	17,280
Sacra. Gas Elec. & Ry., 1927, 5%		10,000	10,100
Natoma Ca., Cal., 1930, 6%		40,000	10,000
Pac. Gas & El., 1942, 5%		5,000	4,300
Pac. Tl. & Tg., 1937, 5%		20,000	19,400
Peoples Water, Oak., 1937, 5%		50,000	16,000
Edison Lt. & Pow., 1921, 6%		15,000	15,750
City El., San Fran., 1937, 5%		13,000	10,660
Spring Val. Wat., 1923, 4%		25,000	28,250
Dis. of Oak Bay, B. C., 1982, 5%		5,000	4,200
Calgary, Alberta, 1927, 4½%		10,000	9,400
New Westminster, B. C., 1931, 4½%		10,000	9,200
Winnipeg Sch. Dis., Man., 1943, 4%		10,000	8,800
Brandon, Man., 1932, 4½%		10,000	9,000
Dis. of No. Vancouver, B. C., 1961, 5%		10,000	9,200
Stocks.			
Merchants Nat. Bk., San Fran.....		12,500	10,625
Cal. Wine Assn., p., San Fran.....		40,000	28,000
Pac. Gas & El., p., San Fran.....		20,000	16,400
Pac. Tl. & Tg., p., San Fran.....		16,000	14,080
Pac. Gas & El. Co., 1 p., San Fran.....		10,000	8,100
Pac. Coast Adj. Bur., San Fran.....		500	500
Totals (book value, \$474,111).....		\$590,000	\$427,575

MISCELLANEOUS: This company was reorganised and resumed business June 15, 1905, with a net cash surplus of \$150,000. Its losses in the San Francisco conflagration of 1906 amounted to \$1,776,764. Subsequent to the conflagration its stockholders paid in assessments aggregating \$1,830,000 during 1906. In 1907, stockholders paid in \$360,000 additional surplus, and \$160,000 additional capital. Reins. its Eastern dept. in American Union, Phila., in 1912 and its Western, Middle East depts. in the Commercial Union, London, in 1913. Value of deposit in Canada, \$49,800.

DIRECTORS: W. E. Dean, A. D. Cutler, E. W. McCarthy, A. Haas, E. T. Niebling, Wm. Thomas, Chas. H. Jones, Jas. K. Moffitt, S. C. Buckbee.

FIELD MEN AND TERRITORY COVERED: Special agents, L. H. Robins, Los Angeles, Cal., for So. Cal.; G. Schuyler, Denver, Colo., general agent, Rocky Mountain department, Colo., and Wyo.; Geo. A. Olney, general agent for Ariz.; J. J. Clayton, San Francisco, Cal., for No. Cal.; J. W. Warner, San Francisco, Cal., for Cent. Cal. and Nev.; A. N. Lindsay and A. Dukensfield, Seattle, Wash., for Wash., Utah, Mont. and Ida.; B. C. and Western Can.; B. A. Sifford, Portland, Ore., for Ore. The company operates in Alas., Alta., Ariz., B. C., Cal., Colo., Haw., Ida., Ill., La., Mass., Mich., Mont., Nev., N. Y., O., Ore., Pa., Utah, Wash., Wyo., Man. and Sask.

CAMDEN FIRE INSURANCE ASSOCIATION, Camden, N. J.

President, Edmund E. Read, Jr.; Vice-President, J. Lynn Truscott; Secretary and Treasurer, Joseph K. Sharp; Assistant Secretary, Millwood Truscott. Organized, 1841.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$3,287,920	\$1,542,072	\$811,504	\$1,652,666	\$1,791,199	\$1,068,850	\$79,183	\$638,200	\$1,786,233	\$1,121,464
1913	3,056,474	1,439,414	1,812,106	1,578,274	1,710,993	853,017	65,990	616,336	1,535,333	823,002
1912	2,930,045	1,314,875	826,321	1,452,063	1,568,778	770,368	66,955	558,090	1,395,403	814,294
1911	2,562,690	1,187,929	743,325	1,305,574	1,415,143	738,871	59,980	502,937	1,299,788	713,437
1910	2,444,473	1,169,530	644,437	1,316,467	1,422,682	740,727	48,981	497,515	1,287,223	712,126

Unearned premiums include amounts reclaimable on perpetual policies.

† Excludes \$100,000 additional surplus paid in.

Assets, Dec. 31, 1914.	LIABILITIES, Dec. 31, 1914.
Real estate.....\$99,000	Losses unpaid.....\$210,789
Mortgage loans.....767,735	Unearned premiums.....1,514,181
Bonds and stocks.....1,883,716	Perp. dep. reel.....27,891
Collateral loans.....61,750	Other liabilities.....23,555
Cash.....148,972	
Agents' balances.....292,864	Total liabilities.....\$1,776,416
Interest.....33,783	Capital paid up.....700,000
Other assets.....100	Net surplus.....\$11,504
Total assets.....\$3,287,920	Total.....\$3,287,920

Underwriting loss, \$222,719; investment profit, \$161,390.

RISKS AND PREMIUMS: Fire risks in force (except perpetuals), Dec. 31, \$280,474.175; premiums thereon, \$2,896,250; perpetual fire risks, \$1,284,967; deposit premiums thereon, \$30,990.

BUSINESS SINCE ORGANIZATION: Premiums received, \$15,287,075; losses paid, \$8,014,495; dividends declared, cash, \$649,229; stock, \$52,865.

REAL ESTATE OWNED: Consists of the company's office building, and annex to office at S. W. cor. 5th and Federal sts. (company occupies both buildings), Camden, valued at \$99,000 (cost \$105,096).

MORTGAGE LOANS: There are 210 loans, relatively few of which exceed \$4,000. They are chiefly secured by properties in Camden, Atlantic City and nearby towns. There are several loans of \$10,000 to \$25,000 secured by Atlantic City properties valued much higher. The overdue interest upon \$767,735 of mortgages amounted to \$1,150 on Dec. 31 last.

COLLATERAL LOANS are as follows:	Market Value.	Amount Loaned.
Pub. Serv. Co., N. J. gn. m., 1958, 5%..	\$2,700	
Burlington Gas Lt., 1 m. g., 1956, 5%..	3,720	\$2,750
S. L. & San Fran. R.R., gn. m., 1927, 5%.	3,640	
B. R. & P. R.R., eq., 1926, 5%..	25,000	
U.S. Amer. Comm'l. Pk., Cy. of N. Y. ca. imp., 1929, 4 1/2%..	10,000	25,000
Guarantee Trust, Atlantic City.....	5,000	3,000
Camden Horse R.R.....	34,375	22,000
Port R.R.....	624	500
First Nat. Bk., Ocean City.....	2,000	1,500
New Orleans Pub. Imp., 1950, 4%..	4,550	4,000
Sp. Stk. City of N. Y., 1960, 4 1/2%..	990	
New Orleans Pub. Imp., 1950, 4%..	3,640	3,000
Totals.....	\$96,239	\$61,750

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
Leh Val. Tm. Ry., g., 1941, 5%.....	\$65,000	\$72,150
Midland R.R., N. J., 1 m., 1940, 5%..	25,300	26,775
Morris & Essex R.R., 1 cs. m., 1915, 7%.	10,000	10,100
N. J. & N. Y. Ry., 1 m., 1950, 5%..	15,000	15,300
N. J. & Had. Riv. Ry. & Ferry, 1960, 4%.	30,000	24,400
Newark Pass. Ry. co., 1 m. g., 1930, 5%..	50,000	52,500
Pateron Ry., cs. m., 1931, 6%..	20,000	22,800
Seacoast R.R., prior liens, 1948, 5%..	15,000	15,750
Seacoast R.R., gn. m., 1948, 5%..	2,000	2,100
So. Jersey Gas El. Tc., 1 m. g., 1953, 5%.	55,000	54,450
Trenton Gas & El., 1 m., 1949, 5%..	16,000	16,640
Trenton Pass. R.R., 1 m., 6%..	37,000	41,660
W. Jersey & S. S. R.R., 1 cs. m., 1936, 3 1/2%.	10,000	8,900
Amer. Tl. & Tg. cs. g., 1933, 4 1/2%..	8,000	7,920
Bayview Ferry, 1 m. g., 1946, 5%..	25,000	25,750
Bloom Co. Gas, 1 m. g., 1949, 5%..	25,000	26,000
Long Dock cs. m., g., 1935, 6%..	40,000	49,200
Newark Ca. Gas. cs. m., 1948, 5%..	10,000	10,600
Newark Gas, 1 m. g., 1944, 6%..	3,500	4,305
Pat. & Pass. Gas & El. cs. m., 1949, 5%.	20,000	20,200
Pub. Serv. N. J., perp., 6%..	50,000	52,500
Pub. Serv. N. J., s. f., 1956, 5%..	20,000	18,000
Pub. Serv. N. J., col. g. n., 1916, 5%..	50,000	50,000
Atl. City, N. J., pav., 1928, 4 1/2%..	40,000	41,200
Bridgeton, N. J., pk., 1927, 4%..	5,000	4,800
Camden City, N. J., hosp., 1937, 4 1/2%.	50,000	52,500
Camden City, N. J., pk., 1939, 4 1/2%..	8,000	8,400

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
Bonds.—Cont.		
Camden Co., N. J., et. hae., 1944, 4%..	\$100,000	\$97,000
Collingswood, N. J., sc., 4%..	22,500	21,405
Duluth City Wat. & Lt., 1926, 5%..	5,000	5,300
Gloucester City f., 1915, 4%..	50,000	50,000
Haddonfield, N. J., sc., 1942-46, 4 1/2%..	10,000	10,000
Jersey City, N. J., f. wat., 1932, 4%..	5,000	4,850
Merchantville, N. J., sc., 1922, 4 1/2%..	18,000	18,180
Ocean City, N. J., sc., 1920, 4 1/2%..	38,000	38,000
Ocean City, N. J., pav. & fire g., 1932, 4%.	11,500	10,810
Ocean City, N. J., floating indbt., 1941, 5%.	15,000	15,600
Pennsauken Twp., N. J., sc., 1930, 4 1/2%..	9,000	9,000
Richmond, Va., 1926-38, 4%..	15,000	14,160
Richmond, Va., pub. imp., 1943-45, 4%..	16,500	15,345
Troup Co. Ga., 1941, 5%..	10,000	10,200
Atl. City Ry., 1 cs. m. g., 1951, 4%..	28,000	23,920
Atl. City Ry., g. m., 1919, 5%..	28,000	26,780
Bridgeton & Millville Tc., 1 m., 1930, 5%.	12,000	11,640
Camden & Sub. Ry., 1 m., 1946, 5%..	100,000	104,000
C. R. R. of N. J., gn. m., 1987, 5%..	4,000	4,680
Citizens St. Ry., Muncie, I., 1 m., 1927, 6%.	2,000	2,020
Ca. Tc., N. J., g., 1933, 5%..	100,000	103,000
Easton & Amboy Ry. reg., 1 m., 1920, 5%.	27,000	28,080
Jersey Cy., Hob., Pat. R.R., 1 m. g., 1949, 4%..		
L. & H. Riv. Ry. & Fy., gn. m. g., 1920, 5%.	50,000	38,500
Stocks.		
Camden Horse R.R.....	12,500	68,750
Camden & Suburban R.R.....	15,000	11,700
Phila., Germant'n & Norrist'n R.R.....	5,000	14,000
Phila. Tc.....	10,000	16,100
Reading Co., com.....	10,000	16,400
United N. J. R.R. & Canal.....	70,000	157,500
W. Jersey & Seashore R.R.....	12,750	13,005
Camden Safe Dep. & Tr.....	625	2,625
Girard Tr.....	4,200	36,876
Phila. Nat. Bk.....	3,000	12,930
Amer. Tl. & Tg.....	40,000	49,200
Gn. Adj. Bureau, N. Y.....	450	450
Phila. & Camden Ferry.....	27,500	74,250
Totals (book value, \$1,922,715).....	\$1,600,525	\$1,883,716

MISCELLANEOUS: Capital increased in 1900 from \$106,730 to \$200,000; in 1903, to \$300,000; in 1904, to \$400,000; in 1909, to \$500,000; in 1912, to \$600,000; in 1914, to \$700,000. Also \$100,000 additional surplus added each year. Configuration losses: Baltimore, 1904, \$40,000; San Francisco, 1906, \$365,000, net. Value of deposit in Va., \$29,505; in Ga., \$10,200.

DIRECTORS: F. Wayland Ayer, Frank J. Burr, David Baird, John F. Harned, Wm. C. Jones, Edmund E. Read, Jr., Chas. A. Reynolds, Wilbur F. Rose, Frank C. Somers, Wm. J. Sewell, Jr., J. Lynn Truscott, Wm. T. Read.

FIELD MEN AND TERRITORY COVERED: A. J. Woodworth & Co., Syracuse, N. Y., general agents for N. Y.; Lohmeyer, Goldsmith, Patterson Co., Charleston, W. Va., general agents for W. Va.; Cravens & Cage, Houston, Tex., general agents for Tex.; Edmund Winchester, Boston, Mass., general agent for New England States; Loren H. Green & Co., Jacksonville, Fla., general agents for Fla.; C. W. Kimmell, general agent for O., Ind. and Mich.; Rodney Davis, general agent for Ill., Ky., Tenn., Neb., Ia., Minn., Wis., Mo., N. D. and Colo.; John F. Gillians, special agent for N. J.; A. Y. Findlay, special agent for Pa.; Jerome & Brown, manager; Chas. M. Jerome, assistant managers, Atlanta, Ga., for Ga., Ala., N. C., S. C. Va. and Eastern Underwriters for Fla. Special agents: P. W. D. Jones, Richmond, Va., for Va.; T. H. DeGraffenreid, Charlotte, N. C., for N. C. and S. C.; L. J. Leonard, Atlanta, Ga., for Ga.; Ben P. Richards, Jacksonville, Fla., for Fla.; H. E. Parker, Birmingham, Ala., for Ala.; Gross R. Scruggs, Dallas, Tex., general agent for Ark., Okla. and La.; George O. Hoadley, San Francisco, Cal., manager Pacific Dept.; E. E. Potters & Sons, San Francisco, Cal., manager Pacific Dept. for the Eastern Underwriters. Henry J. Ide, Boston, Mass., managers for Eastern Underwriters for Eastern States. The company operates in all the states of the U. S., except Alas., Ariz., Ida., Kan., Me., Mont., Nev., N.M., S.D., Utah, Vt., Wyo.

CAPITAL FIRE INSURANCE COMPANY of Concord, N. H.

President, Chas. L. Jackman; Vice-president, Edward G. Leach; Assistant Secretary, F. T. Jackman. Organized, 1886.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$770,210	\$194,041	\$211,121	\$241,570	\$281,232	\$176,279	\$16,400	\$101,407	\$294,086	\$177,010
1913	761,371	180,589	256,096	201,628	241,628	99,149	16,400	94,674	210,223	95,432
1912	752,564	156,339	250,006	217,658	259,413	96,596	16,400	96,821	209,819	106,538
1911	758,818	83,687	301,393	*11,542	†105,691	251,133	54,900	67,921	373,954	216,670
1910	916,340	374,962	214,272	450,409	500,801	264,443	10,350	170,400	445,193	271,970

* Aggregate net premiums written, \$159,865; paid for reinsurance, \$448,323. † Includes \$51,740 excess of commissions received over commissions paid.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$81,000	Losses unpaid.....	\$25,480
Mortgage loans.....	112,579	Unearned prems.....	194,041
Bonds and stocks.....	520,911	Borrowed money.....	115,500
Loans on Nat. St. Cap. Bk. stk. val.		Other liabilities.....	24,068
\$1,200.....	1,000	Total liabilities.....	\$359,089
Cash.....	19,301	Capital paid up.....	200,000
Agents' balances.....	31,645	Net surplus.....	211,121
Interest and rents.....	3,774		
Total assets.....	\$770,210	Total.....	\$770,210

Underwriting loss, \$67,396; investment profit, \$34,963.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$41,122,158; premiums thereon, \$414,830.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,010,549; losses paid, \$3,581,559; dividends declared, cash, \$281,764.

REAL ESTATE OWNED: The principal item is a brick block on School st., Concord, the book value of which is \$75,000 and which is carried at \$75,000. There is also an improved property in Concord, N. H., valued at \$6,000.

MORTGAGE LOANS: There are 26 loans, amounting to \$112,579, and secured by improved real estate in Concord, Nashua, Manchester, N. H.; Worcester, Mass.; St. Johnsbury, Vt., and Lawrence, Mass., valued at \$240,800. The company holds \$144,400 insurance on the buildings. Interest paid due December 31, last, amounted to \$75. Most of the loans are small, the largest being one of \$33,000 on 4-story brick mercantile block, and brick dwelling, Concord, N. H.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Albany, N. Y., 1926, 4%	\$5,000	\$4,700
Concord, N. H., 1919, 3%	1,000	980
New Rochelle, N. Y., 1921, 5%	3,000	3,150
New York City, N. Y., 1954, 3%	25,000	22,000
New York City, N. Y., 1936, 4%	40,000	39,600
New York City, N. Y., 1953, 3%	32,000	28,160
New York City, N. Y., 1960, 4%	15,000	15,150
Orange Co., N. Y., 1920, 4%	5,000	5,050
Richmond, Va., 1944, 4%	11,000	10,230
Somerset, N. H., 1915-18, 4%	3,000	3,000
Syracuse, N. Y., 1921, 4%	5,000	5,100
B. & M. R. R., 1915, 6%	3,000	2,700
Con. & Clare. R. R., 1 m., 1944, 5%	5,000	5,000
Maine Rys., 1919, 5%	2,000	1,980
Pere Marq. R. R., 1 m., 1943, 4%	2,000	1,000
Somerset Ry., 1 m., 1955, 4%	1,000	870
So. Ind. Ry., 1 m., 1951, 4%	7,000	4,970
So. Pac., cv., 1934, 5%	2,500	2,550
Concord El., 1 m., 1931, 5%	3,000	3,000
C. Gas, El. Lt. & Pow., Balti., 1935, 4%	1,000	900
Denver Gas & El., col. tr., 1917, 6%	5,000	4,850
Keokuk Cs. C., 1959, 5%	3,000	2,550
Metro. Steamship, 1 m., 1939, 5%	5,000	3,750
N. Y. & Penna. Tl., 1929, 4%	3,000	2,610
Page Belting, dmd n., 1915, 5%	20,000	20,000
Page Belting, 1915, 6%	10,000	10,000
United Fruit, 1918, 5%	5,000	4,950
West. Tl. & Tg., col., 1935, 5%	5,000	4,850

Stocks.

A. T. & S. Fe R. R., com.....	10,000	9,900
B. & O. R. R., p.....	400	324
B. & O. R. R., com.....	700	623
B. & M. R. R., com.....	3,300	1,155
Chi. Jet. R. R. & Un. Stk Yd, p.....	3,000	3,210
Chi., Mil. & St. P. R. R., com.....	3,000	2,970
Chi. Nw. R. R., com.....	4,500	5,985
Concord & Montreal R. R.....	3,500	3,780

BONDS AND STOCKS OWNED.—Cont.

STOCKS.—Cont.	Par Value.	Market Value.
Del. & Hud. Co.....	\$4,000	\$5,920
Gt. Nor. Ry. p.....	11,300	14,012
Ill. Cent. R. R.....	6,800	7,616
Manhattan Elevated R. R.....	1,000	1,330
Masa. El. p.....	2,500	1,500
N. Y. C. & H. R. R. R.....	6,000	5,400
N. Y., N. H. & H. R. R.....	3,500	1,925
No. R. R.....	800	840
No. Pac. R. R.....	4,500	4,995
Penna. R. R.....	2,500	2,775
So. Pac. R. R.....	12,800	12,288
Union Pac. R. R., com.....	3,000	3,840
First Natl Bk, Concord, N. H.....	1,400	4,900
Mechanics Natl Bk, Concord.....	15,000	24,000
Natl Bk, Lebanon, N. H.....	1,000	1,400
Natl State Capital Bk, Concord.....	14,800	37,000
Amer. Express.....	2,500	2,425
Amer. Agric. Chem., p.....	3,000	2,880
Amer. Loco. Co. p.....	4,000	4,000
Amer. Sugar Ref., p.....	8,000	9,120
Amer. Tl. & Tg.....	16,600	20,418
Amer. Tobacco, p.....	1,800	1,712
Amer. Woolen, p.....	6,400	4,864
Amoskeag Mfg., com.....	7,800	4,680
Concord Axle.....	2,200	2,640
Concord El., com.....	5,800	4,930
Concord El., p.....	3,100	3,100
Concord Real Estate.....	9,300	6,975
Federal Sugar Ref., p.....	2,000	1,600
Gn. Adj. Bur.....	100	100
Gn. El.....	8,100	12,150
Liggett & Myers Tob., p.....	400	472
P. Lorillard, p.....	300	348
Mergenthaler Linotype.....	2,200	4,708
Nashua Mfg.....	1,000	1,250
Nat. Surety.....	500	910
Nat. Sugar Ref.....	500	470
Page Belting.....	8,750	9,625
Phenix Mut. Fire Ins., com.....	2,900	2,900
Phenix Mut. Fire Ins., p.....	5,500	5,500
Prescott Piano, p.....	2,500	1,250
Pullman Co.....	8,200	12,710
Stonega Coke & Coal, com.....	1,500	450
Swift & Co.....	7,500	8,025
Woodbury E. Hunt Co.....	500	250
Underwriters Salvage, Chicago.....	500	500
United Fruit.....	3,100	4,619
United Shoe Machinery, p.....	1,500	1,500
United States Steel, p.....	8,500	9,350
Virginia-Carolina Chem., p.....	1,000	990
Western Adjustment & Inspection.....	100	200
Western Union Tg.....	2,800	1,652
Totals (book value, \$521,492).....	\$487,050	\$520,911

MISCELLANEOUS: This company guarantees the policies of the New England Underwriters' Agency. The company started business, 1885, with \$1,500 capital, which was subsequently increased by cash payments as follows: 1886, to \$25,000; 1887, to \$50,000; 1889, to \$100,000; 1891, to \$200,000. Conflagration loss: Chelsea, 1908, \$32,619; Salem, 1914, \$45,736.

DIRECTORS: Charles L. Jackman, Josiah E. Fernald, Fred N. Ladd, I. M. Savage, F. T. Jackman, Eben M. Willis, Fred W. Cheney, Edward G. Leach, Geo. H. Tilden, J. D. Mills.

FIELD MEN AND TERRITORY COVERED: Special agents, F. T. Jackman, A. R. Kendall, Concord, N. H., for N. H., Vt., Mass., R. I. and Conn.; John W. Gailley, Bedford, Pa., special agent for Pa.; Mills & Honness, manager for Metropolitan and suburban district, New York. The company operates in Conn., Mass., N. H., N. J., N. Y., Pa., R. I. and Vt.

CAPITAL FIRE INSURANCE COMPANY OF CALIFORNIA, Sacramento, Cal.

President, H. C. Muddox; Secretary, J. F. Landis. Organized, 1911.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$320,414	\$38,627	\$18,017	\$56,325	\$75,787	\$35,808	.....	\$41,500	\$77,308	\$44,295
1913	329,170	31,606	39,468	42,072	62,078	12,811	.....	31,535	44,346	.....
1912	312,172	9,242	51,099	14,367	26,319	724	.....	16,651	17,375	749

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$4,000	Losses unpaid.....	\$10,164
Mortgage loans.....	298,125	Unearned premiums.....	38,627
Cash.....	8,020	Other liabilities.....	3,606
Agents' balances.....	9,587		
Interest and rents.....	642	Total liabilities.....	\$52,397
Other assets.....	40	Capital paid up.....	250,000
		Net surplus.....	18,017
Total assets.....	\$320,414	Total.....	\$320,414

MORTGAGE LOANS: There are 104 loans aggregating \$298,125 on improved property in the Sacramento Valley, valued at \$662,100 and on which company holds \$222,350 of insurance. There was \$583 of interest past due December 31, last.

DIRECTORS: H. C. Muddox, Chas. Hollister, C. J. Ellis, Michael Hughes, J. H. Heitman, H. S. Williamson, P. C. Cohn, J. S. Gattman, F. J. Michel.

FIELD MEN AND TERRITORY COVERED: Manager H. M. Schmidt, San Francisco department, 237 Sansome st., San Francisco, Cal. Special agents, F. L. Pendry, R. W. Guthrie and D. H. Cox. The company operates in California only.

RISKS AND PREMIUMS: Fire risks in force Dec. 31, \$4,629,922; premiums thereon, \$70,571.

CAROLINA INSURANCE COMPANY, Wilmington, N. C.

President, H. C. McQueen; Secretary, M. S. Willard. Organized, 1887.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$122,249	\$30,175	\$40,615	\$24,968	\$33,139	\$16,319	\$4,000	\$10,723	\$31,042	\$15,972
1913	122,215	30,175	40,234	29,051	40,809	12,745	4,000	19,416	36,161	13,762
1912	123,142	27,964	38,673	24,136	34,624	12,189	4,000	16,570	32,758	12,346
1911	118,176	27,764	37,134	25,764	34,407	13,176	4,008	12,691	29,873	13,439
1910	117,171	27,364	35,745	25,924	44,978	13,281	3,492	10,758	27,532	14,081

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$5,000	Losses unpaid.....	\$1,450
Mortgage loans.....	78,600	Unearned premiums.....	30,175
Bonds and stocks.....	26,500	Other liabilities.....	9
Cash.....	4,136		
Agents' balances.....	6,813	Total liabilities.....	\$31,634
Interest and rents.....	1,200	Capital paid up.....	50,000
		Net surplus.....	40,615
Total assets.....	\$122,249	Total.....	\$122,249

the loan does not exceed 50% of the value of the mortgaged property, and in no case does it exceed 40% of the estimated market value. Company holds \$78,000 of fire insurance on the buildings.

BONDS OWNED.

	Par Value.
North Carolina, 4%.....	\$21,500
Masonic Temple, 6%.....	5,000
Total.....	\$26,500

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,940,293; premiums thereon, \$57,457.

BUSINESS SINCE ORGANIZATION: Premiums received, \$432,694; losses paid, \$249,587; dividends declared, cash, \$73,702.

REAL ESTATE OWNED: The real estate, which is carried at \$5,000 and valued at \$12,000, consists of the company's home office building. Rents received last year, \$400.

MORTGAGE LOANS: There are 30 loans on improved property aggregating \$78,600, in Wilmington, N. C. In most cases

MISCELLANEOUS: Capital increased in 1890 from \$31,270 to \$50,000.

DIRECTORS: Sol. Sternberger, H. L. Vollers, Donald MacRae, H. C. McQueen, R. A. Parsley, S. M. Bostwright, Clayton Giles, Jr., Walker Taylor, J. Haughton James, J. Irving Bear, J. O. Reilly, F. A. Lord, J. Van B. Metts.

FIELD MEN AND TERRITORY COVERED: M. S. Willard, general agent and secretary; E. M. Beery, special agent. The company operates only in N. C.

CITIZENS INSURANCE COMPANY OF MISSOURI, St. Louis, Mo.

President, Charles E. Chase; Vice-Presidents, R. M. Bissel, J. H. Carr, Whitney Palache; Secretary, P. O. Crocker, Assistant Secretary, Thos. H. Sootland. Organized, 1837.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$801,755	\$26,313	\$359,027	\$355,343	\$335,302	\$4,311	19,000	\$138,731	\$116,420	.....
1913	811,235	406,758	159,706	457,952	480,147	331,052	23,000	162,019	516,071	\$317,291
1912	862,109	437,317	196,984	511,315	541,876	343,743	24,000	173,933	541,676	341,256
1911	871,632	457,290	159,247	541,326	571,744	344,388	24,000	212,270	580,658	342,701
1910	852,038	458,911	164,539	569,402	599,935	315,347	22,000	227,150	564,497	328,430

CITIZENS INSURANCE COMPANY OF MISSOURI, St. Louis, Mo.—Continued.

Assets, Dec. 31, 1914.	LIABILITIES, Dec. 31, 1914.
Mortgage loans.....\$81,700	Losses unpaid.....\$13,915
Bonds and stocks.....247,080	Unearned premiums.....26,313
Cash.....108,928	Other liabilities.....2,500
Agents' balances.....158,470	
Interest.....5,577	Total liabilities.....\$42,728
	Capital paid up.....200,000
	Net surplus.....359,027
Total assets.....\$601,755	Total.....\$601,755

Underwriting profit, \$197,868; investment profit, \$19,453.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,702,078; premiums thereon, \$46,182.

BUSINESS SINCE ORGANIZATION: Premiums received, \$12,745,389; losses paid, \$7,990,312; dividends declared, cash, \$1,128,798; stock, \$165,000.

MORTGAGE LOANS: The 3 loans amount to \$81,700 and the securities are valued at \$199,000. No interest was past due on December 31, last. The company holds \$116,750 insurance on mortgaged buildings. The larger loans are \$60,000 on mercantile building, 3621-3631 Olive st., St. Louis, valued at \$150,000; and \$20,000 on brick apartment, 5321-5325 Savoy Court, St. Louis, valued at \$45,500. The remaining loan, \$1,700, is upon a St. Louis dwelling worth \$2,500.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
N. Y. Cy., rev., 1917, 6%.....	\$12,000	\$12,480
N. Y. Cy., cp. stk., 1900, 4½%.....	5,000	5,060
Richmond, Va., pub. imp., 1948, 4%.....	1,000	930
State of Georgia, reg., 1918, 3½%.....	10,000	9,900
St. L., pub. bldg. & imp., 1928, 4%.....	105,000	105,000
Va. Century, 1901, 3%.....	10,500	8,820
C. & O. Ry., 1 ca. m., g., 1939, 5%.....	40,000	42,800
N. Y., N. H. & H., cv., d., 1948, 6%.....	30,000	31,800
So. Ry., 1 m., g., b., 1906, 5%.....	28,000	29,400

Stocks.

General Adj. Bur., New York.....	50	50
So. Adj. Bur., Atlanta.....	150	150
Underwriters Salvage, Chicago.....	500	500
Western Adj. & Insp., Chicago.....	100	125

Totals, (book value, \$263,091).....\$242,300 \$247,005

MISCELLANEOUS: In 1903 and 1903, the stockholders paid a \$50,000 to surplus; in 1904, \$25,000, and in 1906, \$35,000. Confingration losses: Baltimore, 1904, \$76,531; San Francisco, 1906, \$231,813. Values of special deposits: Ga., \$9,900; Va., \$9,750.

DIRECTORS: Chas. E. Chase, S. E. Waggoner, J. H. Carr, R. M. Bissell, Thos. Eggleston, Geo. Gordon, A. G. Dugan, F. C. Case, J. E. Tenner.

FIELD MEN AND TERRITORY COVERED: Eastern department: Thos. H. Scotland, general agent, Hartford, Conn.; Southern department: Eggleston & Prescott, general agents, Atlanta, Ga., for Ga., Fla., Ala., Miss., La., Va., N. C. and S. C.; special agents, R. P. Luther, Atlanta, Ga., for western Ga.; J. S. Goldsmith, Birmingham, for Ala.; Arthur Lane, Jacksonville, for Fla.; W. W. Roberts, Atlanta, for eastern Ga.; W. Y. Harper and C. E. Hartwell, New Orleans, La., for La.; E. H. Jones, Richmond, for Va.; M. G. Hunter, Charlotte, for N. C.; R. L. Bailey, Columbia, for S. C.; P. L. Davis and C. D. Grover, Vicksburg, Miss., for Miss. Texas department: J. B. Herford, general agent, Dallas, Tex.; M. G. Jarreau, special agent, Dallas, Tex., for northwestern Tex.; Felix S. Herford, Dallas, for eastern Tex.; W. Hugh Hunter, San Antonio, for southern Tex.; H. C. Craig, Dallas, for central western Tex. Pacific department: Dixwell & Hewitt, general agents; Adam Gilliland, assistant general agent, San Francisco, Cal. special agents, J. J. Dennis, Portland, for western Wash., western Ore., western B. C. and Alaska; L. H. Earle, San Francisco (office); Neil Stewart, Spokane, for eastern Wash., northern Ida., eastern Ore. and eastern B. C.; P. H. Griffith, Los Angeles, for southern Cal., Ariz. and Nev.; C. E. Miller, Salt Lake City, for Mont., Utah, southern Ida. and southeastern Ore.; Geo. E. Devine, San Francisco (office); M. E. Spaulding, San Francisco, for coast and central Cal.; R. E. Dollard, San Francisco, for northeastern Cal., Nev. and southwestern Ore.; W. B. Dennis, Fresno, for St. Joaquin Valley, Cal.; Ernest E. Price, Los Angeles, for southern Cal., Ariz. and Nev.; M. P. Barclay, San Francisco, Marine and Transportation department: Leasher & Taylor, general agents, suburban N. Y. and northern N. J.; John H. Ray, Brooklyn, N. Y.; Cook County department, Chicago, Ill. Jno. Shepherd, manager, Special agents reporting to home office: Geo. E. Hill, Boston, for Mass., Conn., R. I. and Me.; G. A. Russell, Philadelphia, Pa., for Md., D. C., southern N. J., eastern Pa. and Del.; Jos. P. Fisher, Pittsburgh, Pa., for western Pa.; C. W. Phelps, Syracuse, N. Y., for N. Y. State. Local agency managers: Brereton Kimball & Smith, Boston, Mass.; Western department, Chicago, Ill. Dugan & Carr, general agents; W. B. Tobias, Peoria, Ill., for Ind. and Ill.; H. M. Wardle, Detroit, Mich., for Mich. and Wis.; W. B. Dudley, Minneapolis, Minn., for Ia., Minn. and Wis.; W. B. Bruce and G. C. Frielke, Omaha, for Neb.; C. F. Hardy, Topeka, for Kan.; S. R. Bruce and G. C. Frielke, Oklahoma City, for Okla.; Geo. Gordon, St. Louis, Mo., for Mo.; J. E. Tenner, St. Louis, Mo., for St. Louis and part of Ill.; R. H. Cooper, Wheeling, for W. Va.; C. R. Boynton, Louisville, for Ky.; O. P. Smith, Nashville, for Tenn.; M. E. Brown, Sioux Falls, S. D., for S. D.; A. C. Comrie, Fargo, N. D., for N. D.; W. L. Braerton and W. A. Grew, Denver, Colo., for Colo.; Jas. T. Leavitt, inspector for Western Department, Chicago, Ill. The company operates in Can. and in all the States and Territories, except C. Z., N. M., P. I., P. R., Vt. and Wyo.

CITY INSURANCE COMPANY, Pittsburg, Pa.

President, Eugene S. Reilly; Secretary, W. R. Berger. Organized, 1870.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$173,450	\$22,760	\$42,775	\$30,665	\$31,713	\$13,850	\$10,000	\$10,113	\$33,963	\$17,392
1913	182,591	22,618	50,330	21,724	32,407	7,969	12,500	11,430	31,899	8,461
1912	182,499	21,497	53,057	21,734	34,075	7,303	10,000	11,027	28,330	8,396
1911	181,717	20,304	52,945	18,715	28,149	9,548	10,000	14,802	34,350	8,062
1910	185,991	20,559	56,259	19,724	30,959	8,006	10,000	14,493	32,499	8,724

Assets, Dec. 31, 1914.	LIABILITIES, Dec. 31, 1914.
Real estate.....\$34,568	Losses unpaid.....\$6,655
Mortgage loans.....122,055	Unearned premiums.....22,760
Collateral loans.....850	Other liabilities.....1,260
Cash.....8,171	
Agents' balances.....4,818	Total liabilities.....\$30,675
Interest and rents.....2,888	Capital paid up.....100,000
Other assets.....100	Net surplus.....42,775
Total assets.....\$173,450	Total.....\$173,450

Underwriting loss, \$4,403; investment profit, \$6,858.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,347,987; premiums thereon, \$44,923.

REAL ESTATE OWNED: There are 6 pieces of real estate (unincumbered) all located in Allegheny Co., Pa., valued at \$34,-

568, upon which the rents last year amounted to \$1,019, and the taxes and expenses to \$815.

MORTGAGE LOANS: The 40 loans, aggregating \$122,055, are all upon Allegheny County real estate, valued at \$242,925. The company holds \$119,950 insurance on the buildings. December 31, last, the past due interest amounted to \$890.

COLLATERAL LOANS: There is one loan of \$850 on Southern Traction Co.'s 5% gold bonds valued at \$750.

DIRECTORS: A. V. D. Watterson, J. D. Callery, E. M. Bigelow, Richard Pollard, John P. Harris, Edward Hogan, W. C. McClellowney, Charles L. Young, P. B. Reilly, Jr., Eugene S. Reilly, W. R. Berger, Chas. G. Reilly, William A. McCaffrey.

TERRITORY COVERED: The company operates only in Pennsylvania.

CITY OF NEW YORK INSURANCE COMPANY, New York, N. Y.

President, Major A. White; Secretary, J. Carroll French. Organized, 1905.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,429,587	\$560,671	\$204,104	\$521,576	\$589,324	\$337,911	\$56,080	\$240,685	\$634,676	\$372,110
1913	1,532,967	610,441	274,148	627,580	676,432	384,406	50,000	274,631	709,037	367,212
1912	1,471,618	569,002	304,575	600,484	658,235	323,524	50,000	276,525	650,049	292,432
1911	1,466,009	514,474	330,062	610,404	664,874	317,240	50,000	280,837	648,077	327,918
1910	1,443,117	432,319	427,536	571,427	621,089	238,435	42,500	242,302	523,237	239,623

Includes \$300,000 surplus paid in; \$80,000 in 1913, and \$3,200 in 1914.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$308,250	Losses unpaid	\$55,425
Bonds and stocks	954,624	Unearned premiums	560,671
Cash	69,710	Other liabilities	26,187
Agents' balances	106,525	Total liabilities	\$642,283
Interest	9,972	Capital paid up	583,200
Total	\$1,451,081	Net surplus	204,104
Less excess spl. dep.	21,494		
Total adm'd assets	\$1,429,587	Total	\$1,429,587

Underwriting loss, \$51,562; investment profit, \$57,972.

RISKS AND PREMIUMS: Fire risks in force, December 31 \$120,415,548; premiums thereon, \$1,104,586.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,385,080; losses paid, \$2,183,209; dividends declared, cash, \$273,160.

MORTGAGE LOANS: There are 9 loans, of which 7, for \$193,250, are guaranteed, principal and interest, by mortgage guarantee companies. A loan of \$105,000 is secured by northwest corner Maiden Lane and William st., New York City, the land being valued at \$165,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
N. Y. State Canal Imp. Ln., 1939, 3%..	\$200,000	\$193,000	
N. Y. Cy. 1954, 3½% ..	25,000	22,000	
Richmond, Va., Pub. Imp., 1948, 4% ..	30,000	27,600	
Swansea, Ga., 1959, 4½% ..	10,000	10,200	
Chi. R. I. & Pac. R. R., col. tr., 2002, 4% ..	10,000	2,500	
Inter. Metro., col. tr. g., 1936, 4½% ..	10,000	7,700	
Gr. Falls Pow., 1 m. sfg. f. g., 1940, 5% ..	10,000	9,800	
Mortgage Bond, 1966, 4% ..	25,000	21,000	
Met. Co. Tr., 1 m. ext. g., 1941, 5% ..	10,000	9,900	
Ry. Steel Spg., 1 m. g., 1931, 5% ..	10,000	9,200	

Stocks.		Par Value.	Market Value.
B. & O. R. R., com.	43,500	38,715	
B. & O. R. R., p.	7,200	5,832	
C. & O. Ry.	50,000	25,500	
Chi. Mil. & St. P. Ry., com.	50,000	49,500	
Erie R. R., 1 p.	30,000	12,900	

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
STOCKS.—Cont.			
Gt. Nor. Ry., p.	\$59,400	\$73,656	
Gt. Nor. Ry., Iron Ore cts.	10,000	3,200	
Leh. Val. R. R.	20,000	27,800	
Louisville & Nashville R. R.	24,000	33,120	
Manhattan Ry., N. Y. C.	10,000	13,300	
Nor. Pac. Ry.	20,000	22,200	
So. Pac. Ry., com.	48,100	46,176	
Union Pac. Ry., com.	60,000	76,800	
Chase Natl. Bank, N. Y. C.	5,000	28,100	
Cons. Gas., N. Y. C.	45,000	58,050	
Leh. Val. Coal Sales	12,500	21,875	
Maiden La. & Wm. St., N. Y. C.	100,000	100,000	
Totals (book value, \$1,093,338)	\$934,700	\$954,624	

MISCELLANEOUS: Company commenced business with a paid in surplus of \$300,000; capital increased in 1909 from \$200,000 to \$500,000 and \$300,000 added to surplus; capital increased \$80,000, and surplus \$90,000 in 1913; capital and surplus increased \$3,200 each in 1914. Deposit in Ga., \$10,200; in Va., \$27,600.

DIRECTORS: Edward Ashforth, Leopold S. Bache, Daniel Birdsall, J. Romaine Brown, Wm. H. Cheesbrough, Wm. P. Dixon, Robert E. Dowling, Frederick H. Ecker, Chas. Jerome Edwards, Douglas L. Elliman, J. Carroll French, Frederic E. Gunnison, Jos. W. Harriman, Wm. M. V. Hoffman, A. P. W. Kinnaird, J. Edgar Leacycraft, Frederick G. Potter, Wm. G. Ver Planck, Wm. Ross Proctor, Major A. White, Albert H. Wiggin, Silas Wodell.

FIELD MEN AND TERRITORY COVERED: Geo. A. Stickney, Boston, Mass., special agent for New England States; Henry H. Noble, state agent, and Harry B. Doten, special agent, Chicago, Ill., for Mich., Ill., Ia., Mo., Neb. and Ind.; W. E. Main, Madison, Wis., general agent for Wis.; E. E. Blake, Syracuse, N. Y., special agent for N. Y. and Pa.; Frederick W. Lau, 91 William st., special agent for N. J.; Fredk. Rutledge, Asheville, N. C., general agent for N. C.; Lamping & Co., Seattle, Wash., general agents for Wash.; Rhett & O'Brien, general agents, Atlanta, Ga., for Ga. and Va.; E. A. Groover, Jacksonville, Fla., general agent for Fla. and Ala.; McCarger, Bates & Lively, Portland, Ore., general agent, for Ore.; Archibald Kemp, general agent, home office. The company operates in Ala., Cal., Conn., Fla., Ga., Ill., Ind., Ia., La., Md., Mass., Mich., Mo., Neb., N. H., N. J., N. Y., N. C., O., Ore., Pa., R. I., Va., Wash., W. Va., and Wis.

CLEVELAND NATIONAL FIRE INSURANCE COMPANY, Cleveland, O.

President, Hyman D. Davis; Vice-President and Underwriting Manager, Carroll L. DeWitt; Secretary, O. T. Brown. Inc. 1913.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,078,329	\$61,427	\$309,407	\$80,526	\$105,532	\$7,188		\$97,363	\$104,551	\$11,363

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$434,168	Losses unpaid	\$4,652
Bonds and stocks	342,215	Unearned premiums	61,427
Collateral loans	17,160	Other liabilities	2,843
Cash	240,642	Total liabilities	\$68,922
Agents' balances	23,677	Capital paid up	700,000
Interest	18,277	Net surplus	309,407
Other assets	190		
Total assets	\$1,078,329	Total	\$1,078,329

Underwriting loss, \$62,948; investment profit, \$35,171.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$7,758,519; premiums thereon, \$78,943.

BUSINESS SINCE ORGANIZATION: Premiums received, \$60,424; losses paid, \$7,006.

MORTGAGE LOANS: The company holds 102 mortgages aggregating \$435,418, secured by properties in most cases valued at more than double the amount loaned. The loans are all at 6%, and but \$432 of interest was past due on Dec. 31, last. All of the loans are upon Ohio properties, and range in amount from \$150 to \$16,000.

BONDS OWNED:		Book Value.
Lowellville, O., sr., 5%		\$18,614
Columbus, Ol. imp., 4%		23,105
Elyria, sr. 6%		1,070
Fostoria St. imp., 5%		6,075
Madison, st. imp., 5%		5,098
Millersburg, sr., 5%		23,614
No. Lima, special sr. 5%		10,414
Sandusky, Cy. sr. 4%		5,170
Wheeling & Lake Erie R.R., 5%		961

CLEVELAND NATIONAL FIRE INSURANCE CO., Cleveland, O.—Continued.

BONDS OWNED.—Cont.

	Book Value.
Youngstown Tl. 6%.....	\$1,000
Zanesville Se., blg. & imp. 4%.....	3,000
Brown, J., free turnpike, 5%.....	5,083
Cleveland Heights, 5%.....	9,056
Cleveland, funded debt, 4%.....	1,000
Cleveland, reg. pk., 4%.....	25,306
Cleveland, wat. wks., 4%.....	75,753
Cleveland, riv. & hab., 4%.....	18,141
Columbia Township, rd. imp., 5%.....	10,109
Cuyahoga Co. Det. Sup. bg., 4%.....	18,401
Cuyahoga Co. Pub. Co. blg., 4½%.....	1,000
Elyria, gn. pav., 4%.....	500
Elyria, grade crossing 4%.....	1,000
Shaker Heights, 5%.....	24,411
Shaker Heights, 5%.....	29,986
Dayton, riv. bg., 4%.....	9,118
Dayton, st. riv. bg., 4%.....	6,078
Youngstown Hotel, m. g., 6%.....	500
Zanesville st. pav., 5%.....	515
Danbury Township, rd. imp., 5%.....	5,261
Indianola Pk. 1 m., 6%.....	10,000
New London, st. intersection, 5%.....	1,000
Oklahoma, st. imp., 8%.....	500
Oklahoma, Park Pl St., 6%.....	818
Totals	\$350,678

MISCELLANEOUS: This company wrote its first policy on April 1, 1914. Its capital was then \$700,000 and it had an initial surplus of \$360,529.

DIRECTORS: H. D. Davis, E. H. Turner, C. E. Ward, M. S. Milbourne, C. H. Bishop, Carroll L. DeWitt, C. M. Wyrick, E. Kimball, L. Q. Cummings, I. W. Jenkins, C. B. Sca, F. N. Johnson, G. M. Skiles, J. H. Orgill, T. J. Kremer, Chas. A. Bowersox, J. W. Everal, J. H. Firestone, J. H. Hicks, W. R. Weas, W. E. Ashcroft.

FIELD MEN AND TERRITORY COVERED: J. H. Macfarlane, Cleveland, O., executive special agent, will have general supervision over the entire field wherein the company operates. Special agents: A. C. Meeker, Cleveland, O., for No. O., and D. M. Tanner, Columbus, O., for S. E. O.; Stanley D. Turner, Indianapolis, for Mich. and Ind.; John H. Nelson, Minneapolis, for Wis. and Ill.; Bradford Murray, Cincinnati, for S. W. O. The company is licensed in Ill., Ind., Mich., Mo., N. J., N. Y., O., Pa. and Wis.

COLONIAL ASSURANCE COMPANY OF THE CITY OF NEW YORK, New York, N. Y.

President, Leo H. Wise; Vice-Presidents, E. E. Hall and C. J. Follmer; Secretary, E. S. Powell, Jr. Organized, 1896.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$536,263	\$113,020	\$194,366	\$192,969	\$210,213	\$56,051	\$8,000	\$77,291	\$141,342	\$53,598
1913	451,180	91,423	132,229	164,030	179,067	59,345	8,000	67,508	134,853	72,186
1912	410,300	61,024	134,339	110,641	134,908	32,259	8,000	45,471	85,730	29,964
1911	373,189	54,931	102,222	109,840	121,967	49,275	8,000	43,511	100,786	51,955
1910	350,580	33,122	101,384	77,201	89,737	15,129	16,000	33,234	64,363	15,767

ASSETS, DEC. 31, 1914.

Bonds and stocks.....	\$445,530
Cash.....	55,260
Agents balances.....	29,015
Interest.....	6,458
Total assets	\$536,263

LIABILITIES, DEC. 31, 1914.

Losses unpaid.....	\$19,877
Unearned premiums.....	113,020
Other liabilities.....	9,000
Total liabilities	\$141,897
Capital paid up.....	200,000
Net surplus.....	194,366
Total	\$536,263

Underwriting profit, \$37,003; investment profit, \$33,134.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$26,178,966; premiums thereon, \$211,312.

BUSINESS SINCE ORGANIZATION: Premiums received, \$5,517,043; losses paid, \$3,451,777; dividends declared, cash, \$142,000.

BONDS OWNED.

	Par Value.	Market Value.
State of N. Y. canal, 1961-2, 4%.....	\$110,000	\$112,200
State of N. Y., high imp., 1961, 4%.....	30,000	30,600
N. Y. Cy., cp. stk., 1963, 4½%.....	100,000	108,000
New York Cy., cp. stk., 1959, 4%.....	60,000	60,000
N. Y. Cy., notes and rev., 1915-17, 6%.....	25,000	25,330
N. Y. C. & H. R. R., 1997, 3½%.....	29,999	16,600

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Pa. R. R., 1915, 3½%.....	\$25,000	\$25,000
Bklyn. R. T., notes, 1918, 5%.....	25,000	25,000
Am. Tel. & Tel., 1916, 5%.....	25,000	25,000
N. Y. State Rys., 1 cs. m., 1962, 4½%.....	20,000	17,800
Totals (book value, \$436,879)	\$440,000	\$445,530

MISCELLANEOUS: Capital increased from \$200,000 to \$400,000 in 1900, upon merger with Washington; reduced in 1900 to \$200,000. The company reinsured its outstanding risks in 1908 in the Westchester Fire and continued writing business, confining its operations exclusively to properties equipped with approved systems of automatic sprinklers. Conflagration losses: Baltimore, 1904, \$30,000; San Francisco, 1906, \$19,148, net.

DIRECTORS: Leo H. Wise, R. Bleeker Rathbone, Thomas Dimond, David S. Walton, Charles J. Follmer, Otto M. Eidlitz, L. Laffin Kellogg, Edgar Palmer, Chas. F. Hoffman, Edward H. Wise, Chas. A. Trowbridge, John S. Sutphen, Edward E. Hall, Elias S. Powell, Jr.

FIELD MEN AND TERRITORY COVERED: C. S. Conklin, superintendent of agencies. The company operates in Conn., Ill., Mass., Minn., Mo., N. J., N. Y., O., Pa., Wash. and Wis.

COLUMBIA FIRE INSURANCE COMPANY, Athens, Ga.

President, J. Y. Carithers; Secretary, Langdon C. Quin. Organized, 1909.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$211,563	\$70,859	\$25,291	\$94,476	\$102,613	\$61,714		\$37,643	\$99,357	\$62,126
1913	208,717	59,069	38,061	78,479	85,428	45,460		38,030	83,490	47,785
1912	205,828	41,190	54,356	54,364	64,117	33,339		30,019	63,358	35,428
1911	209,865	30,932	72,947	41,260	50,597	17,465		28,829	46,294	19,043
1910	210,391	18,210	87,163	30,935	39,847	13,878		14,164	28,042	13,665

COLUMBIA FIRE INSURANCE COMPANY, Athens, Ga.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans	\$11,506	Losses unpaid	\$11,260
Bonds and stocks	136,046	Unearned premiums	70,859
Collateral loans	26,896	Other liabilities	4,144
Cash	19,492		
Agents' balances	20,800	Total liabilities	\$86,272
Interest and rents	6,823	Capital paid up	100,000
		Net surplus	25,291
Total assets	\$211,563	Total	\$211,563

RISKS AND PREMIUMS: Fire risks in force, December 31, \$7,301,004; premiums thereon, \$152,600.

BUSINESS SINCE ORGANIZATION: Premiums received, \$262,008; losses paid, \$209,018.

MORTGAGE LOANS: There are 5 loans for \$11,506, protected by property valued at \$43,500. There was \$1,836 of interest past due on Dec. 31, last. The company holds \$10,000 of insurance on the mortgaged buildings.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Athens Ry. & El., Athens, Ga., stk.		65,700	
Comer Bk.		100	
Bk. of Danielville		120	
Commercial Bank		1,800	
Totals		\$67,720	\$26,896

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Waycross, 5%		\$5,000	\$5,350
Athens, 4%		2,000	2,000

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Rockmart, 5%		\$5,000	\$5,000
Elberton, 5%		5,000	5,306
Clarke County, Ga., 4%		4,000	4,000
Athens, 4%		2,000	2,000
Blue Ridge, 5%		10,000	10,000
Athens, 4%		10,000	10,000
Canton, 5%		2,500	2,500
Lyons, 5%		20,000	20,000
Nicholls, 5%		10,000	10,000
Ashburn, 5%		8,000	8,000
Rutledge, 5%		10,000	10,000
Sparks, 6%		5,000	5,575
Winder, 5%		3,000	3,000
Pavo, 5%		6,000	6,000
Atlanta, 4%		14,000	13,975
Sylvester, 5%		3,000	2,940
STOCKS:			
Athens Hotel Co., p., 8%		400	400
Totals		\$125,900	\$126,018

MISCELLANEOUS: This company was organized early in 1909 and was licensed to transact business in Ga. in April, with a paid-up capital of \$100,000 and a like amount of surplus.

DIRECTORS: Jas. Y. Carithers, Wm. T. Bryan, James White, John R. White, Hamilton McWhorter, J. T. Pittard, Chas. N. Hodgson, F. C. Shackelford, J. T. Johnson, Judge John R. Wilkinson, Dr. J. C. McKinney, A. C. Erwin, H. M. Holden, Judge David W. Meadow, Langdon C. Quin.

FIELD MEN AND TERRITORY COVERED: Company operates only in Ga., field work from home office.

COLUMBIA INSURANCE COMPANY, Jersey City, N. J.†

President G. F. Crane; Vice-President, Frans Herrmann; Secretary, C. E. Dean. Organized, 1901.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,065,253	\$188,353	\$409,043	\$379,445	\$423,375	\$181,895		\$139,948	\$321,733	\$189,530
1913	978,579	189,129	339,121	396,770	431,844	228,521		151,951	380,472	218,466
1912	944,968	173,198	236,702	401,007	432,270	180,941		153,406	334,349	205,293
1911	868,953	170,721	275,026	360,547	388,209	162,581		141,954	304,538	158,171
1910	777,821	160,330	203,844	301,634	327,954	127,678		112,441	240,119	131,914

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$948,927	Losses unpaid	\$41,987
Cash	87,516	Unearned premiums	188,353
Agents' balances	22,358	Other liabilities	16,000
Interest	12,297		
Other assets	16,800	Total liabilities	\$246,340
Total	\$1,087,898	Capital paid up	400,000
Sp. dep. over liab.	32,515	Net surplus	409,043
Total adn'd assets	\$1,055,383	Total	\$1,055,383

Underwriting profit, \$51,076; investment profit, \$56,369.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$22,538,996; premiums thereon, \$375,687.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,678,791; losses paid, \$1,789,886; dividends declared, cash, \$14,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Bergen Co., N. J., 1935-37, 4%		\$35,000	\$36,340
Binghamton, ex., 1907, 3%		50,000	50,500
Buffalo, com. ac., 1917-22, 3%		60,000	58,300
Jersey City, g. p., 1901, 4%		50,000	50,000
N. Y. Cy., dka. & ferr., 1940, 3%		6,000	5,400
N. Y. Cy., hall of recs., 1940, 3%		2,000	1,800
N. Y. Cy., pub. lib., 1942, 3%		104,500	94,050
N. Y. Cy., San Pr., 1920, 3%		62,500	60,625
State of Ga., 1915, 4%		10,000	10,000
Union Co., N. J., 1942, 4%		31,000	31,000
New York's Highways, 1903, 4%		50,000	55,000
Cent. R. R. of N. J., 1907, 5%		1,000	1,170
C. & Q. R. R., gn. m., reg., 1908, 4%		30,000	28,200
C. St. P., M. O. R. R., ca. m., reg., 1920, 3%			
C. & N. Ry., g., 1907, 3%		32,000	29,440
L. S. & M. So. R. R., 1921, 4%		14,000	11,620
		20,000	18,800

†Transacts marine and inland business only

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Leh. Val. Ry., 1910, 4%		\$10,000	\$10,100
Mich. Cent. R. R., d. reg., 1929, 4%		10,000	8,400
Mil. Sp. & Nwn. Ry., g. r., 1947, 4%		10,000	9,200
Mil. Sp. & Nwn. Ry., 1 m. g., 1947, 4%		25,000	23,000
Nat. R. R., Mexico, 1926, 4%		12,000	6,000
N. Y. C. & H. R. R. R., r., 1907, 3%		10,000	8,300
N. Y. Connect. Ry., gr., 1953, 4%		42,000	40,740
N. Y., N. H. & H. R. R., 1906, 4%		30,000	22,200
No. Pac. R. R., 1907, 4%		25,000	23,750
N. P. & G. N. C. B. & Q., col., 1921, 4%		35,000	33,950
Ore. & Wash. R. R. & Nav., 1 r. m., 1961, 4%			
Ore. Short Line, r., 1929, 4%		25,000	23,000
St. L., I. M. & So. E. R. 1, 1933, 4%		20,000	14,600
Chi. & No. R. R., 1907, 5%		20,000	21,200
St. P., M., M. & M., ext., 1937, 4%		43,000	41,280
Amer. Dock & Imp., 1 m., 1921, 5%		20,000	21,000
A. M. Tl. & Tg., reg. prin., 1929, 4%		10,000	8,900
New Eng. Tl. & Tg., g., reg., 1932, 5%		20,000	20,200
N. Y. Tl. 1 gn. m. g. s. f. reg., 1939, 4%		20,000	19,600
Prov. Ontario, d., 1926, 3%		10,000	9,300
Toronto Loc. Imp., d., 1916, 3%		10,000	9,800
Moose Jaw, d., 1933, 5%		10,000	9,600
St. Boniface, Man., d., 1931-43, 5%		10,487	9,770
Totals (book values, \$1,005,733)		\$1,005,487	*\$953,985

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Company began business with \$50,000 surplus; in 1902, \$30,000 additional surplus was paid in, and in 1906, \$60,000 additional was paid in. Capital increased in 1902 from \$250,000 to \$400,000. The Union Marine Insurance Co. of Liverpool owns \$399,300 of the stock of this company. Conflagration losses: Baltimore, 1904, \$3,734; San Francisco, 1906,

COLUMBIA INSURANCE COMPANY, Jersey City, N. J.—Continued.

\$7,273 (net). Value of deposits: Ont., Sask. and Man., Can., \$55,270; Ga., \$10,000.

DIRECTORS: Geo. F. Crane, F. Herrmann, Geo. D. Hallock, Fredk. T. Busk, Lawrence Kneeland, C. E. Dean, Wade Robinson.

FIELD MEN AND TERRITORY COVERED: General agents: G. L. & K. J. Gross, Providence, R. I.; Field & Cowles, Boston, Mass.; E. P. Lenehan, Cleveland, O.; Geo. W. Neare, Gibbs & Co., Cincinnati, O.; F. H. Osborn & Bros., Chicago, Ill.;

A. G. Hancock, Baltimore, Md.; W. T. Torrey, Houston, Tex. Geo. W. McMurrich & Sons, Toronto, Can.; Peabody, Slosson & Smyth, New York City; Woodward & Williamson, Jersey City; Egbert F. Ashley, Rochester, N. Y. The company operates in Ala., Ark., Cal., Conn., Del., D. C., Ga., Ill., Ind., Ia., Kan., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., N. D., O., Okla., Pa., R. I., S. D., Tenn., Tex., Vt., Va., W. Va., Wis., and in Canada.

COLUMBIA INSURANCE COMPANY, Dayton, O.

President, O. I. Gunckel; Secretary, Herman Rice. Organized 1881.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$315,302	\$117,625	\$545,149	\$103,959	\$138,624	\$42,151	\$15,000	\$44,179	\$101,330	\$42,959
1913	788,766	115,412	521,679	103,546	133,292	60,449	15,000	44,805	120,254	59,992
1912	770,111	114,933	503,020	104,234	134,727	39,987	15,000	45,016	99,003	36,067
1911	740,324	113,434	471,797	103,979	133,365	34,949	15,000	41,889	91,829	31,288
1910	702,790	114,691	429,389	103,773	131,157	41,164	15,000	41,234	97,393	44,699

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$57,000	Losses unpaid.....	\$1,676
Mortgage loans.....	15,209	Unearned premiums.....	117,625
Bonds and stocks.....	709,670	Other liabilities.....	852
Collateral loans.....	6,500	Total liabilities.....	\$120,153
Cash.....	10,454	Capital paid up.....	150,000
Agents' balances.....	13,028	Net surplus.....	\$45,149
Interest and rents.....	450		
Total assets.....	\$315,302	Total.....	\$315,302

Underwriting profit, \$15,386; investment profit, \$23,083.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$21,837,900; premiums thereon, \$229,266.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,978,114; losses paid, \$1,191,922; dividends declared, cash, \$417,000.

REAL ESTATE OWNED: Comprises company's home office building, carried at \$57,000 (actual cost). During the past year it received \$4,000 in rents and paid \$1,825 expenses incurred.

MORTGAGE LOANS: There are 6 mortgage loans, aggregating \$18,200 on property, located in city of Dayton, O., valued at \$63,850. The mortgages are all first liens; there is no interest past due and the company holds \$17,000 of insurance on the buildings.

COLLATERAL LOANS: The company has a loan of \$6,500 on securities valued at \$3,380.

BONDS AND STOCKS OWNED:		Market Value.
BONDS.		
Cincinnati, O., 4%.....		\$100,000
Cleveland, O., 4%.....		100,000
Dayton, O., 4%.....		67,000
Columbus, O., 4%.....		80,000
Toledo, O., 4%.....		50,000
Montgomery Co., O., 4%.....		14,000
Akron, O., 4%.....		60,000

STOCKS.		Market Value.
Nat. Bk.....		111,160
City Ry., Dayton, O.....		30,400
D. & M. R. R., p.....		27,750
D. & M. R. R., com.....		4,000
Little Miami R. R.....		10,000
Clev. & Pitts. R. R.....		26,250
Columbus & Xenia R. R.....		10,000
Dayton Gas.....		19,110

Totals..... \$709,670

DIRECTORS: O. I. Gunckel, Sam'l W. Davies, Pierce D. Schenck, Albert Thresher, F. P. Beaver, J. D. Whitmore, Torrence Huffman.

FIELD MEN AND TERRITORY COVERED: A. F. McKay, Columbus, O., special agent. The company operates in Ind., O., Mich. and W. Va.

COLUMBIAN INSURANCE COMPANY OF INDIANA, Indianapolis, Ind.

President, George E. Feeney; Secretary, Edward T. Lyons; Managing Underwriter, L. S. MacEnaney. Organized 1911. Began business, March, 1912.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$349,964	\$21,018	\$71,389	\$27,313	\$45,214	\$8,241		\$55,318	\$63,559	\$9,646
1913	229,396	10,949	43,049	14,572	\$8,401	1,998		32,252	34,250	2,045
1912	175,609	4,145	59,885	6,211	10,304	33		11,313	11,346	100

* Includes \$34,263 premiums on new stock sold. † Exclude \$58,112 surplus paid in.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$315,250	Losses unpaid.....	\$1,541
Bonds and stocks.....	6,188	Unearned premiums.....	\$21,013
Cash.....	9,607	Other liabilities.....	6,016
Agents' balances.....	12,036	Total liabilities.....	\$28,575
Interest and rents.....	6,825	Capital paid up.....	250,000
Other assets.....	58	Net surplus.....	71,389
Total assets.....	\$349,964	Total.....	\$349,964

Underwriting loss, \$25,734; investment profit, \$13,904.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,407,359; premiums thereon, \$37,054.

BUSINESS SINCE ORGANIZATION: Premiums received, \$48,095; losses paid, \$10,173.

MORTGAGE LOANS: There are 127 loans aggregating \$315,250 and are upon improved and unimproved city and farm properties in Ind. valued at about \$844,105. On December 31, last, \$1,397 of interest was past due. The company holds \$48,700 tornado insurance and \$349,550 fire insurance on the mortgaged property.

BONDS AND STOCKS OWNED.		Par Value.	Market Value.
West Terre Haute, se.....		\$2,800	\$2,870
Adams Co., gravel rd.....		2,700	2,880
Indianapolis, imp.....		500	508
Totals (book value, \$6,188).....		\$6,000	\$6,188

MISCELLANEOUS: The company commenced business in March, 1912, with a paid-up capital of \$107,010, which has been subsequently increased during 1913 to \$172,409 and in 1914 to \$250,000, both by cash payments.

DIRECTORS: George E. Feeney, Michael F. Gill, Edward T. Lyons, Charles Fox, John P. Finn, Matthew F. Gartland, Frank X. Schaffer, Jacob Buennagel, Daniel L. Boland.

FIELD MEN AND TERRITORY COVERED: Thos. J. Flynn, Chicago, Ill., State agent for Ill. and part of Ind.; Edwin M. Popp, Indianapolis, Ind., special agent for Ind.; W. H. King, Chicago, Ill., State agent for Minn., upper Mich. and Wis.; C. H. Harraden, State agent, Detroit, Mich., for Ohio and Mich. The company operates in Ill., Ind., Mich., Minn., O., and Wis.

COLUMBIAN NATIONAL FIRE INSURANCE COMPANY, Detroit, Mich.

President, John G. Ewing; Vice-Presidents, T. A. Lawler and Patrick Noud; Secretary and Treasurer, M. W. Welsh. Organized, 1913.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,436,667	\$177,182	\$278,117	\$242,947	\$392,823	\$79,523		\$158,331	\$237,854	\$81,156
1913	1,221,740	48,746	261,489	74,636	91,800	5,968		102,352	108,320	12,186

* Includes \$94,956 premium on stocks sold.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$382,300	Losses unpaid.....	\$9,650
Bonds.....	873,840	Unearned premiums.....	177,182
Loans on U. S. Bank stock, Johnstown, Pa., value \$14,000.	9,300	Other liabilities.....	9,393
Cash.....	100,903	Total liabilities.....	\$196,225
Agents' balances.....	47,623	Capital paid up.....	962,325
Interest.....	22,434	Net surplus.....	278,117
Other assets.....	267		
Total assets.....	\$1,436,667	Total.....	\$1,436,667

Underwriting loss, \$132,971; investment profit, \$54,643.

RISKS AND PREMIUMS: Fire risk in force, December 31, \$3,641,518; premiums thereon, \$271,784.**BUSINESS SINCE ORGANIZATION:** Premiums received, \$17,588; losses paid, \$83,693.

MORTGAGE LOANS: The company has 64 loans amounting to \$32,300 on property valued at more than double that sum. There are but 11 loans as large as \$10,000 each, those above this being \$30,000 on lot 2, block 78, subdivision of Cass farm, Detroit, valued at \$73,394; \$15,000 on Mason City, Ia., property valued at \$42,000; \$14,000 on Garner, Ia., property appraised at \$2,000; and \$20,000 on Detroit property valued at \$42,400.

BONDS OWNED:		Par Value.	Market Value.
Battle Creek, Mich., city hall, 1933, 4½%		\$20,000	\$20,000
City, Mich., imp., 1917, 5½%		10,000	10,100
Washington, Wash., D. C., 1926, 5½%		4,000	4,040
Battle Creek, Mich., wat. wks., 1937, 4½%		17,000	17,170
St. Rapids, Mich., wat. wks., 1942, 4½%		15,000	15,000
St. Rapids, Mich., wat. wks., 1926-35, 4½%		15,000	15,000
St. Rapids, Mich., wat. wks., 1932-42, 4½%		12,000	11,780
St. Rapids, Mich., wat. wks., 1928-34, 4½%		4,000	3,950
St. Rapids, Mich., wat. wks., 1917-20, 4½%		4,000	4,040
St. Rapids, Mich., wat. wks., 1919-23, 5½%		10,000	10,185
St. Rapids, N. C., rd., 1942, 5½%		3,000	3,000
St. Rapids, Mich., hwy. imp., 1916-23, 5½%		9,000	9,120
St. Rapids, Mich., wat. wks., 1944, 4½%		150,000	147,000
Detroit, Mich., sewer, 1943, 4½%		22,000	21,560
Detroit, Mich., d. it and wat. wks., 1914-24, 4½%		5,000	5,000
Detroit, Mich., rd., 1921-27, 5½%		7,000	7,160
Detroit, Mich., rd., 1918-20, 5½%		8,000	8,050
Peaslee, Mich., r., 1921-26, 4½%		9,000	8,960
Peaslee, Mich., r., 1921-26, 4½%		11,000	11,230
Calumet Co., Mich., road, 1929, 5½%		29,000	30,225
Calumet Co., Mich., road and fil., 1932, 4½%		10,000	10,400
Calumet Co., Mich., road and fil., 1931, 4½%		15,000	14,700
Calumet Co., Mich., road, 1944, 6½%		10,000	10,300
Calumet Co., Mich., pav. in., 1915-18, 6½%		1,141	1,141
Calumet Co., Mich., pav., 1915-18, 6½%		1,681	1,681
Calumet Co., Mich., sc., 1928-29, 5½%		18,000	19,260

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Highland Park, Mich., sc., 1926, 4½%	\$5,000	\$4,850
Highland Park, Mich., sc., 1928, 5½%	30,000	31,800
Holland, Mich., public sc., 1930, 4½%	5,000	4,850
Hope, Ark., sc., 1937-38, 6½%	4,000	4,120
Kent Co., Mich., road, 1933, 4½%	10,000	10,200
Lake Odessa, Mich., wat. wks., 1922-28, 5½%	3,500	3,680
Laurinburg, N. C., r., 1917-23, 5½%	11,000	11,120
Laurinburg, N. C., r., 1922, 5½%	2,000	2,040
Limestone, Mich., imp., 1916-18, 6½%	6,000	6,120
Ludington, Mich., pav., 1928-42, 4½%	30,000	30,520
Mariana, Ark., sc. dia., 1933-36, 6½%	10,000	10,600
Midland Co., Mich., dia. rd., 1929, 5½%	20,000	21,400
Midland Co., Mich., rd., 1929, 5½%	10,000	10,700
Pontiac, Mich., sc., 1928, 4½%	10,000	10,300
Red Oak, N. C., rd., 1944, 6½%	5,000	5,350
Richmond, Mich., sc., 1915-28, 5½%	17,700	18,422
Rich. Sq., N. C., rd. imp., 1932-36, 5½%	15,000	15,690
Royal Oak, Mich., wat., 1937, 4½%	33,000	33,000
Schoolcraft Co., Mich., sc., 1921-26, 5½%	6,500	6,690
Sebewaing, Mich., rd., 1917-24, 4½%	31,000	31,230
Shelby, Mich., rd., 1924-27, 5½%	7,000	7,140
So. Haven Tp., Mich., rd. imp., 1916-33, 5½%	20,000	20,920
Strike Axe Tp., Okla., rd. imp., 1936, 6½%	5,000	5,300
Sylvia Tp., N. C., rd., 1918-37, 6½%	27,000	28,690
Tulsa, Okla., sc., 1932, 5½%	5,000	5,050
Addison Apts. Detroit, 1 g. m., 1915-23, 6½%	15,000	15,300
Farmers' Co-Op. Brick & Tile, 1 m., 1923, 7½%	14,000	14,000
Knights of Columbus Hall Association, Wells, Minn., 1 m., 1920, 6½%	3,500	3,500
Na. Silica, Detroit, 1 g. m., 1916-21, 6½%	29,000	29,000
J. M. Ward Bldg., Battle Creek, Mich., 1 m. g., 1925, 5½%	54,000	54,000

Totals (book value, \$882,769)..... \$861,022 *\$973,414

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: The company organized in 1913 with a \$500,000 authorized capital, which in April, 1913, was increased to \$1,000,000. Capital increased December 31, 1913, by subscriptions to \$902,650, and in 1914 to \$962,325.

DIRECTORS: R. J. Bowes, P. M. Campbell, E. G. Dunn, John G. Ewing, John O'Leary, Philip Frits, Charles J. Higgins, Francis J. O'Connor, Patrick Noud, John Farrell, Thos. A. Lawler.

FIELD MEN AND TERRITORY COVERED: Edward Bliven, managing underwriter; C. R. Barber and Ray L. Hewlett, special agents for Southern Mich., O. and Ind., H. H. Rimington, special agent for Pa., N. J., Mass., R. I. and N. Y.; W. E. Gunn, special agent for Ill., Ia., Minn., Wis. and Northern Mich.; R. N. Cooper, special agent for La. and Tex. The company is licensed in Cal., Ind., Ill., Ia., La., Mass., Mich., Minn., N. J., N. Y., O., Pa., R. I., Tex. and Wis.

COMMERCE INSURANCE COMPANY, Albany, N. Y.

President, E. D. Jenison; Vice-President, Frank Van Benthuyssen; Secretary, A. J. Hinman; Assistant Secretary, A. Van Allen. Organized, 1859.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$749,112	\$259,883	\$253,590	\$261,940	\$295,537	\$189,498	\$20,000	\$107,580	\$317,078	\$196,274
1913	748,642	243,693	271,799	249,875	285,588	130,238	20,000	106,011	256,249	121,442
1912	747,089	238,745	269,286	256,237	287,570	155,845	20,000	106,579	282,424	149,729
1911	724,700	226,393	263,093	246,284	281,146	146,132	20,000	102,029	276,257	147,824
1910	714,308	227,975	255,401	266,445	303,841	115,157	20,000	105,781	253,772	121,930

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$125,000	Losses unpaid.....	\$27,989
Mortgage loans.....	28,200	Unearned premiums.....	259,683
Bonds and stocks.....	524,310	Other liabilities.....	7,850
Cash.....	24,081	Total liabilities.....	\$295,522
Agents' balances.....	43,127	Capital paid up.....	200,000
Interest and rents.....	4,394	Net surplus.....	253,590
Total assets.....	\$749,112	Total.....	\$749,112

Underwriting loss, \$64,670; investment profit, \$66,461.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$50,378,125; premiums thereon, \$500,915.

BUSINESS SINCE ORGANIZATION: Premiums received \$9,096,874; losses paid, \$5,388,010; dividends declared, cash, \$1,176,000.

REAL ESTATE OWNED: Consists of the buildings and lots at 53, 55 and 57 State st., Albany, a portion of which is used by the company as its head office. 53 and 55 is a 5-story white stone front brick building in front and 4-story brick in rear; 57 is a 4-story brown stone front brick building, with brick additions. The whole is carried at \$125,000, its cost having been \$90,000. It was appraised at \$144,000 by the N. Y. Ins. Dept. in June, 1914.

COMMERCE INSURANCE COMPANY, Albany, N. Y.—Continued.

MORTGAGE LOANS: There are 12 loans, all of which (aggregating \$28,200) are upon Albany properties, and seem well secured by properties valued at \$79,000. There was no interest overdue on December 31, last.

BONDS AND STOCKS OWNED:

BONDS.	Par Value.	Market Value.
N. Y. St. Can., 1960, 4%.....	\$50,000	\$51,000
Albany, N. Y., Co., var., 3½%.....	8,000	7,850
Albany, N. Y., hy. imp., var., 4%.....	6,000	6,000
Albany, N. Y., pub. imp., 1915-24, 3½%.....	5,000	4,850
Albany, N. Y., st. imp., 1915-29, 4%.....	15,000	14,850
Albany, N. Y., imp. wat. sup., 1927, 4%.....	10,000	9,900
N. Y. C., g. reg., 1918-50, 3½%.....	49,250	48,250
N. Y. Cy. g. reg., 1955-56, 4%.....	20,000	19,800
N. Y. Cy. g. reg., 1953, 4½%.....	10,000	10,800
Bklyn. R. T., g., 1918, 5%.....	10,000	10,000
Cent. Pac. Ry., c., 1954, 4%.....	10,000	8,700
C. & M. & St. P., cv., 1932, 4½%.....	5,000	5,100
N. Y. O. & W. R.R., 1955, 4%.....	9,000	7,110
N. Y. State Ry., 1962, 4½%.....	15,000	13,350
Sch'tady Ry., 1 m. c., 1941, 4½%.....	16,000	16,380
United T. c., g. m., 2004, 4½%.....	10,000	9,300
United T. c., g. d., 1919, 4½%.....	15,000	14,400
Waterlet Turnpike R.R., 1 m., 1919, 6%.....	10,000	10,400
Beth. Steel, 1 r. m., 1942, 5%.....	10,000	8,700
Kings Co. El. L. & P., c., 1925, 6%.....	4,000	4,560
STOCKS.		
Chi., Mil. & St. P. R.R.....	10,000	9,900
Del. & Hud. R.R.....	20,000	20,600
Gt. No. p.....	10,000	12,400
Pa. R.R.....	22,500	24,975
So. Pac. com.....	10,000	9,600
First Nat. Bk., Albany.....	10,000	16,300

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
Nat. Bk., Cohoes.....	\$5,000	\$10,550
Nat. Bk. Com'l Bk., Albany.....	5,000	15,250
Amer. Tob., p.....	10,000	10,700
Gr. Adj. Bur., N. Y.....	400	400
Gr. El.....	10,000	15,000
Kings Co. El. Lt. & Pow.....	22,500	27,675
Mun. Gas, Albany, N. Y.....	10,000	29,000
Underwriters Salvage, N. Y.....	500	750
Under Salvage, Chicago.....	500	500
W. Adj. & Insp., Chicago, Ill.....	100	200
W. Union Tg.....	30,000	

Totals (book value, \$536,928)..... \$478,750 *\$524,480

*Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: After Chicago conflagration capital was reduced from \$400,000 to \$100,000 and shares from \$100 to \$25; then an additional \$100,000 was paid in in cash to bring capital to \$200,000. The company lost \$400,000 in the Chicago conflagration of 1871; \$26,000 at Lynn, in 1839; \$70,000 at Boston, in 1872, and \$34,000 at Salem in 1914.

DIRECTORS: Matthew J. Wallace, Simon W. Rosendale, James Milwain, William Platt Adams, E. Darwin Jenison, Frank Van Benthuyzen, William J. Nells, Morris L. Ryder, John J. Gallogly, James B. McEwan, Chas. Gibson, Robert M. Chalmers, Henry H. Robin, John A. Becker, Addison J. Hinman.

FIELD MEN AND TERRITORY COVERED: R. P. Ockenga, general agent for Ill.; A. G. Rose, State agent for Wis. The company operates in Conn., Ill., Ind., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., O., Pa., R. I. and Wis.

COMMERCIAL UNION FIRE INSURANCE COMPANY, New York, N. Y.

President, A. H. Wray; Vice-President and Secretary, Chas. J. Holman; Vice-President, C. E. Porter. Organized, 1890.

YEAR.	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,205,036	\$548,417	\$404,320	\$593,100	\$634,193	\$292,580	\$20,000	\$221,534	\$534,114	\$236,092
1913	1,089,437	436,697	393,092	453,687	469,151	217,587	20,000	144,785	382,343	224,241
1912	1,028,090	391,211	350,671	424,787	456,396	177,848	20,000	137,387	335,235	179,949
1911	924,559	342,366	310,069	365,727	396,578	191,629	20,000	115,178	326,807	181,768
1910	858,806	316,876	261,554	351,200	378,968	160,886	20,000	115,358	296,244	158,879

ASSETS, DEC. 31, 1914.	LIABILITIES, DEC. 31, 1914.
Bonds and stocks.....	\$940,891
Cash.....	110,577
Agents' balances.....	143,034
Interest.....	10,534
Total assets.....	\$1,205,036
	Losses unpaid.....
	Unearned prems.....
	Other liabilities.....
	Total liabilities.....
	Capital paid up.....
	Net surplus.....
	Total.....

Underwriting loss, \$30,044; investment profit, \$61,271.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$103,415,976; premiums thereon, \$1,014,524.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,923,768; losses paid, \$2,421,299; dividends declared, cash, \$261,225.

BONDS AND STOCKS OWNED:

BONDS.	Par Value.	Market Value.
N. Y. State hwy. imp., reg., 1962, 4%.....	\$50,000	\$51,000
N. Y. State, hwy. imp., reg., 1956, 3½%.....	20,000	19,800
N. Y. State, can. imp., reg., 1958, 3½%.....	5,000	4,950
New York City, reg., 1915-54, 3½%.....	213,000	189,500
N. Y. City, reg., 1956, 4%.....	185,000	183,150
N. Y. City, reg., 1962, 4½%.....	25,000	25,750
Norfolk Va., reg., 1940, 4½%.....	25,000	24,000
Atch. T. & S. F. R. R., gn. m., 1905, 4%.....	10,000	8,800
B. & O. R. R., 1 m., S. W. div., 1925, 3½%.....	40,000	36,400
C. L. S. & E. Ry., gr. 1 m., 1969, 4½%.....	20,000	19,000
Inter. R. T. Co., 1 & r. m., 1966, 5%.....	25,000	24,750
Minn., St. P. & S. Ste. M. Ry., cn. gr., 1938, 4%.....	20,000	19,000
Mo. Pac. Ry., 1 col. m., 1920, 5%.....	20,000	18,200
N. Y. Connecting R. R., 1 m., gr., 1953, 4½%.....	75,000	72,750
St. L. Sw. Ry., 1 m., 1989, 4%.....	40,000	33,600

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
S. F., Pres. & Phoe. Ry., 1 m., 1942, 5%.....	\$25,000	\$26,750
So. Ry., 1 se. m., 1994, 5%.....	48,000	50,400
So. Ry., div. script, 1919, 4%.....	200	164
Un. Pac. R. R., cv., 1927, 4%.....	20,000	18,200
Mich. No. Pow., 1 m., gr., 1941, 5%.....	5,000	4,550
W. Un. Tg. Co., F. & R. E., m., 1950, 4½%.....	25,000	23,000

STOCKS.

All. W. Ry.....	25,000	32,750
Chi., Mil. & St. P. Ry., p.....	15,000	20,100
Manhattan Ry., N. Y., gr.....	20,000	26,600
Second Ave. Ry., N. Y.....	12,700	12
So. Ry., p.....	10,000	6,800

Totals (book value, \$963,895)..... \$978,900 *\$940,09

*Securities as per company's valuations; item in assets per N. Y. Ins. Dept. valuations.

MISCELLANEOUS: A controlling interest in this company is held in London by the Commercial Union of London. The company paid \$25,898 on account of the Baltimore conflagration in 1904; \$4,916 at Rochester in 1904; at San Francisco, 1906 \$115,186 net.

DIRECTORS: A. H. Wray, C. J. Holman, Wm. M. Ballar, John Clavin, H. C. Eddy, R. A. Boit, Fred'k B. Campbell, R. Cross, Chas. Russell, Walter P. Bliss, T. H. Banks, C. E. Port J. T. Hilliard.

FIELD MEN AND TERRITORY COVERED: H. C. Ed Chicago, Ill., manager Western department; E. T. Niebling, San Francisco, general agent for Pacific coast; J. F. Edmonds, agent Northwestern department, Denver, Colo. The company operates in Alas., Ark., Cal., Colo., Conn., D. C., Ill., Ind., Kan., Ky., La., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., N. D., O., Ore., Pa., R. I., Tex., Utah, Wash., W. Va., Wis., Haw. and Canada.

COMMONWEALTH INSURANCE COMPANY OF NEW YORK, New York, N. Y.

President, E. G. Richards; Vice-Presidents, J. F. Hastings, W. P. Young, C. R. Perkins, W. S. Berdan; Secretary, Robert Newbould; Assistant Secretary, L. H. Eckhardt. Organized, 1886.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$2,751,499	\$807,445	\$1,317,362	\$900,788	\$1,013,166	\$513,886	\$50,000	\$331,408	\$895,294	\$530,246
1913	2,633,287	840,854	1,184,780	873,449	981,908	453,531	50,000	338,304	841,835	444,981
1912	2,599,847	803,946	1,179,662	858,922	982,263	521,946	50,000	343,669	915,615	492,554
1911	2,587,326	938,612	1,009,385	1,204,642	1,317,767	486,371	50,000	448,187	984,558	533,124
1910	2,271,317	601,870	1,110,071	711,176	810,934	285,727	50,000	278,601	614,328	292,286

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans	\$290,200	Losses unpaid	\$92,492
Bonds and stocks	2,203,998	Unearned premiums	807,445
Cash	95,480	Other liabilities	34,200
Agents' balances	157,304		
Interest	20,296	Total liabilities	\$934,137
Other assets	200	Capital paid up	500,000
		Net surplus	1,317,362
Total	\$2,769,458		
Less excess spl. dep.	15,959		
Total assets	\$2,751,499	Total	\$2,751,499

Underwriting profit, \$75,647; investment profit, \$123,121.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$19,956,100; premiums thereon, \$1,557,382.

BUSINESS SINCE ORGANIZATION: Premiums received, \$19,956,100; losses paid, \$5,283,407; dividends declared, cash, \$821,000.

MORTGAGE LOANS: There are 18 loans, all on improved New York City property. These range in amount from \$7,500 to \$27,000 each, and all appear to be well secured. There was \$1,100 of interest overdue on December 31, last, and the properties securing \$290,200 of loans are estimated worth \$469,500.

BONDS AND STOCKS OWNED:		
Bonds.	Par Value.	Market Value.
U. S. Gov., c. 1918, 3%	\$2,000	\$2,020
U. S. Gov. Pan. Can., reg., 1901, 3%	35,000	35,350
N. Y. Cy. aqu., reg., 1920, 3 1/2%	40,000	38,800
N. Y. Cy. ac. h. reg., 1916, 3 1/2%	30,000	29,700
N. Y. Cy. wat. sup., reg., 1954, 3 1/2%	170,000	149,600
B. & O. R. R., cvt. g., reg., 1933, 4 1/2%	50,000	46,000
B. & O. R. R., so. w. div., 1 m., reg., 1925, 3 1/2%	50,000	45,500
Can. Ry. 50 yr. g., reg., 1962, 5%	50,000	53,000
Can. Pac. Ry. Co., 1 r. m., g., reg., 1949, 4%	25,000	23,500
C. B. & Q. R. R., Ill., reg., 1949, 4%	25,000	23,750
C. M. & St. P. Ry., cv., g., reg., 1932, 4%	50,000	51,000
C. M. & St. P. Ry., d. g., reg., 1934, 4%	50,000	46,000
C. & N. W. Ry., g. m., reg., 1987, 4%	50,000	47,500
Del. & Hud. 1 & r., reg., 1943, 4%	50,000	49,000
L. S. & M. So. Ry., d. g., reg., 1931, 4%	25,000	25,000
L. V. R. R., g. m., reg., 2003, 4%	20,000	18,000
L. V. R. R., g. m., reg., 2003, 4%	50,000	49,500
Manhattan Ry., cv. m., reg., 1990, 4%	50,000	46,500
Mil. Sp. & N. W. Ry., gr., reg., 1947, 4%	50,000	46,000
Mo. Kan. & Tex. Ry., 1 m., reg. c., 1990, 4%	25,000	21,750
N. Y. C. & H. R. R. R., L. S., col. g., reg., c. 1909, 3 1/2%	30,000	23,400
N. Y. C. & H. R. R. R., r. & imp., reg., 2012, 4%	25,000	23,750
N. Y. C. & St. L. R. R., d. g., reg., 1931, 4%	10,000	8,400
N. Y. N. H. & H. R. R. Co., cv. d., ba., reg., 1943, 6%	25,000	26,500
N. Y. T. & L. g. m., g. & f., reg., 1939, 4%	50,000	49,000
N. Y. & W. L. g., d. gr., reg. c., 1954, 5%	25,000	25,000
N. Y. & W. L. g., W., gr., reg. c., 2004, 4%	25,000	20,500
N. & W. Ry., 1 h. & g. W., reg., 1944, 4%	50,000	45,500
N. F. Ry., cn. ry. h. & M. g., reg., 2047, 4%	50,000	33,500
N. P. & N. J. C. B. & Q., col., reg., 1921, 4%	50,000	48,500
Penn. ex. frt. ex. tr. g., cvd., reg., 1917, 4%	25,000	24,750
Penn. L. reg. c., 1931, 4%	30,000	28,500
Penn. R. R., cv. reg., 1915, 3 1/2%	10,000	10,000
Penn. & N. Y. C. & R. R., cv. m., reg., 1939, 5%	10,000	10,900
Reading Co., J. C. Col. Ty., reg., 1951, 4%	29,000	27,550

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
R., Wat. & Og. R. R., 1 cv. m., reg., 1922, 4%	25,000	24,500
So. Pac. cv. g., reg., 1929, 4%	60,000	51,600
St. P., Minn. & Man. Ry., reg., 1933, 4 1/2%	25,000	26,000
Un. Pac. R. R., 1 & r. m., reg., 2008, 4%	25,000	23,750
Un. Pac. R. R. Co., cv., reg., 1927, 4%	25,000	22,750
Vandalia Ry., cv. m., reg., 1957, 4 1/2%	25,000	23,250
Wash. Tm., 1 m., reg., 1945, 3 1/2%	20,000	16,800

STOCKS.

Atch., T. & S. F. Ry., p.	80,000	82,400
Allegheny & Western Ry., gr.	20,000	26,200
Balt. & Ohio R. R., p.	50,000	40,500
Chic., Mil. & St. P. Ry., p.	50,000	67,000
Chi. & N. W. Ry., com.	50,000	66,500
Chi. & N. W. Ry., p.	30,000	53,100
Chi., St. P., Minn. & Omaha Ry., p.	10,000	14,000
Cleve., Cin., Chi. & St. L. Ry., p.	10,000	5,000
Great No. Ry., p.	20,000	24,800
Ill. Cen. R. R.	20,000	22,400
Kan. Cy., St. L. & Chi. R. R., p.	15,000	15,300
M., St. P. & S. S. M. Ry., led. ins., Wis. Cent., p.	50,000	40,500
Mo., Kan. & Tex. Ry., p.	20,000	5,200
N. Y. C. & H. R. R. R.	40,000	36,000
N. Y., N. H. & H. R. R.	30,000	16,500
Reading, 1 p.	80,000	69,400
Union Pac. R. R., p.	100,000	83,000
Manhattan Bk., N. Y.	850	2,728
Amer. Tel. & Cable Co., N. Y., gr.	20,000	11,000
Consolidated Gas Co., N. Y.	50,000	64,500
The Pullman Co., Chicago, Ill.	12,000	18,600

Totals (book value, \$2,326,063)..... \$2,303,850 \$2,203,999

MISCELLANEOUS: Early in 1907 interests identified with the North British & Mercantile of London purchased the control of this company. Capital increased in 1887 from \$300,000 to \$500,000. Conflagration losses: Baltimore, 1904, \$45,000; San Francisco, 1906, \$13,160. Value of special deposits: Va., \$25,250; Ga., \$10,000.

DIRECTORS: M. M. Belding, B. Aymar Sands, George H. Macy, Chas. F. Hoffman, Bradish Johnson, G. Palen Snow, Benjamin Mordecai, E. G. Richards, J. F. Hastings, Allan Robinson, Wm. C. Demorest, Stuart Duncan, E. C. Bell, Lawrence B. Elliman, W. P. Young.

FIELD MEN AND TERRITORY COVERED: Departments: Metropolitan, W. P. Young, Vice-President; Middle, C. R. Perkins, Vice-President; R. P. Barbour, general agent; Pacific, W. S. Berdan, Vice-Pres.; J. S. Hareford, general agent; New England and Southern, W. S. Alley, general agent; Central, E. T. Cairns, general agent; Western, Chas. E. Case, general agent; improved risks, G. P. Davis, general agent; special agents: L. W. Cottrell, Boston, Mass.; for New England States; Percy Ling, Albany, N. Y., for eastern N. Y.; L. B. Temple, New York City, for Hudson River and North Suburban; B. L. Linkfield, Bayside, N. Y., for South Suburban; D. H. Collinson, Newark, N. J., for central N. J.; C. H. Ebbetts, Bloomfield, N. J., for northern N. J.; E. E. Ikier, Camden, N. J., for southern N. J.; Nevin N. H. Husted, Pittsburg, Pa., for Pa.; J. H. Bonney, Pittsburg, Pa., for W. Va., except Counties of Morgan, Berkeley and Jefferson; R. M. August, Baltimore, Md., for Md., Del. and Counties of Morgan, Berkeley and Jefferson, W. Va.; G. H. Spengener, Richmond, Va., for Va. and N. C.; C. B. Rogers, Nashville, Tenn., for Ky. and Tenn.; F. A. Ganter, Indianapolis, Ind., for Ind.; P. J. Moriarty, Detroit, Mich., for O. and Mich.; F. G. Cargill, Chicago, Ill., for Ill.; James E. Bright, Des Moines, Ia., for Ia. and Neb.; Fred H. Sabin, Minneapolis, Minn., for Wis. and Minn.; A. R. Thommason and H. F. Whitner, Atlanta, Ga., for Ga. and Ala.; O. Unmack, Spokane, Wash., for Ore., Wash., Ida. and Mont.; Wirt Leake and H. J. Thomson, Dallas, Tex., for Tex. The company operates in all the states except Alas., Ariz., Ark., Fla., Haw., Kan., Minn., Nev., N. M., N. D., Okla., P. I. P. R., S. C., S. D., Utah and Wyo.

COMMONWEALTH FIRE INSURANCE COMPANY, Highland Park, Dallas, Tex.

President, I. Jalonick; Secretary, J. B. Adoue. Organized, 1903.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$660,801	\$211,613	\$145,116	\$270,196	\$313,617	\$123,407	\$25,000	\$106,260	\$254,667	\$134,591
1913	604,454	194,427	120,145	246,266	285,467	126,805	25,000	97,072	248,877	128,315
1912	569,400	185,935	101,328	242,265	281,840	150,067	25,000	90,478	265,545	149,628
1911	552,920	174,354	92,722	236,561	\$278,864	143,106	23,000	89,512	255,618	133,976
1910	507,808	170,687	73,720	233,420	266,897	145,374	23,000	91,377	259,751	149,801

† Statement according to Texas standard. ‡ Includes \$10,000 premium on new stock.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$12,000	Losses unpaid.....	\$34,887
Mortgage loans.....	528,249	Unearned prem.....	211,613
Loan on 23 bales cot.....	700	Contingent res.....	10,000
Cash.....	51,869	Other liabilities.....	9,185
Agents' balances.....	53,474		
Interest and rents.....	14,311	Total liabilities.....	\$265,685
Other assets.....	198	Capital paid up.....	250,000
		Net surplus.....	145,116
Total assets.....	\$660,801	Total.....	\$660,801

Underwriting profit, \$18,912; investment profit, \$38,240.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$22,789,223; premiums thereon, \$397,724.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,156,224; losses paid, \$1,079,938; dividends declared, cash, \$198,809; stock, \$14,000.

REAL ESTATE OWNED: Consists of 1-story brick office building and 1-story frame cottage at Gillon and Abbott sts., Highland Park, Dallas, in which this company owns a one-half interest; book value of one-half interest, \$12,000.

MORTGAGE LOANS: There are 703 mortgage loans, aggregating \$528,249, on improved city and farm property, valued at \$2,189,173. The company holds policies covering the buildings amounting to \$24,875. The largest loans are one of \$7,700 and one of \$5,800, but a large majority of them are under \$1,000 each. On December 31, last, there was no interest past due.

MISCELLANEOUS: Cash capital increased \$94,933 in 1906 by payment of capital stock notes, in 1907 to \$230,000 and in 1911 to \$250,000, fully paid. A premium of \$10,000 was realized on the sale of stock in 1911 which was added to surplus.

DIRECTORS: Alex. Sanger, C. C. Slaughter, J. B. Adoue, F. A. Piper, J. S. Heard, W. O. Connor, H. S. Keating, J. C. Duke, J. W. Allison, I. Jalonick, Geo. W. Jalonick, H. F. Speer, E. L. Flippen.

FIELD MEN AND TERRITORY COVERED: T. Edwards, San Francisco, Cal., manager for Cal., Wash., Utah and B. C.; E. S. Kean, Jr., Waco, Tex., Henry George, Dallas, Tex., V. Davis, Brownwood, Tex., W. H. Quirk, San Antonio, Tex., H. F. Hines, Corsicana, Tex., and A. T. Robertson, Victoria, Tex., special agents for Texas. The company operates in Ark., Cal., N. Y., Tex. and Utah.

CONCORDIA FIRE INSURANCE COMPANY OF MILWAUKEE, Milwaukee, Wis.

President, Gustav Wollaefer, Jr.; Secretary, Frank Damkoehler. Supt. of Agencies, Jas. M. Moran. Organized, 1870.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$2,415,965	\$1,168,985	\$387,324	\$1,149,905	\$1,245,765	\$641,364	\$60,000	\$505,298	\$1,206,662	\$665,051
1913	2,247,514	1,121,510	411,834	1,120,916	1,219,556	677,312	60,000	475,133	1,212,445	671,758
1912	2,404,532	1,103,598	490,508	1,139,265	\$1,514,638	601,597	62,895	489,762	1,154,252	619,667
1911	1,735,762	1,025,828	239,104	1,088,135	1,149,579	561,009	30,000	455,785	1,046,794	533,587
1910	1,644,639	940,741	221,645	991,017	1,052,112	495,267	24,000	427,375	946,642	481,543

* Includes \$300,000 premium on new stock.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$936,250	Losses unpaid.....	\$122,315
Bonds and stocks.....	1,014,421	Unearned prem.....	1,168,985
Cash.....	129,952	Other liabilities.....	137,341
Agents' balances.....	310,486		
Interest.....	24,856	Total liabilities.....	\$1,428,641
		Capital paid up.....	600,000
		Net surplus.....	387,324
Total assets.....	\$2,415,965	Total.....	\$2,415,965

Underwriting loss, \$72,913; investment profit, \$99,780.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$222,164,995; premiums thereon, \$2,252,078.

BUSINESS SINCE ORGANIZATION: Premiums received, \$19,599,633; losses paid, \$10,546,817; dividends declared, cash, \$680,562.

MORTGAGE LOANS: There are 176 mortgage loans, aggregating \$936,250, the securities being valued at \$2,515,300. The mortgages are mostly for small amounts, only 16 being over \$10,000. The company holds policies covering the property amounting to \$1,119,050. No interest was past due on December 31, last.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Appleton, Wis., wat. wks., 1925, 4½%....	\$10,000	\$10,000	\$10,000
Appleton, Wis., wat. wks., 1926, 4½%....	10,000	10,000	10,000
Brown and Pike, Cos., Ill., 1915-22, 6%....	15,000	15,000	15,000
Cascade Co., Mont., sch. dist., 1932, 5%....	25,000	25,750	25,750
Davidson Co., Tenn., bg., 1937, 4½%....	10,000	10,000	10,000

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Des Moines, Ia., sch. dist. f., 1932, 4½%....	25,000	25,500	25,500
Fond du Lac, Wis., r., 1917, 4½%....	30,000	30,000	30,000
Fond du Lac, Wis., sr., 1921, 3½%....	12,000	11,280	11,280
Houston, muni. imp., 1920, 4½%....	25,000	25,000	25,000
Juneau Co., Wis., drain. dist., 1916, 5%....	6,448	6,394	6,394
Juneau Co., Wis., drain. dist., 1917, 5%....	3,000	2,970	2,970
Kewanee, Ill., wat. dept., 1915-23, 5%....	13,000	13,180	13,180
Menomonee, Wis., jt. sc., 1915-21, 5%....	7,000	7,032	7,032
Milwaukee, City of, st. imp., 1919, 3%....	1,000	990	990
Milwaukee Co., sc. of agri., 1929-31, 4½%....	25,000	26,000	26,000
Ogle Co. of, Ill., sc. dist., 1920-6, 4½%....	10,000	10,000	10,000
Okla. Cy., sc. bldg., 1929, 4½%....	25,000	24,500	24,500
Pasadena, Cal., wat. wks., 1929, 4½%....	25,000	25,000	25,000
Peoria Co., Ill., & La. Marsh drain. and levee dist., 1917-18, 6%....	5,000	5,064	5,064
Portland, Ore., imp., 1922, 6%....	10,000	10,000	10,000
Portland, Ore., dry dock, 1934, 4%....	50,000	46,000	46,000
Seattle, Wash., muni. lt. ext. f., 1930, 4½%....	20,000	20,000	20,000
Sioux Falls, S. D., sr., 1932, 5%....	25,000	25,750	25,750
Spokane, Cy. of, Wash., sc., 1931, 4½%....	21,000	21,000	21,000
Starke Co., Ind., reclamation, 1914-16, 6%....	6,074	6,07	6,07
Tomah, Wis., sr., 1917-26, 5%....	10,000	10,29	10,29
Wausau, Wis., pub. imp., 1925, 4%....	3,000	2,38	2,38
Wausau, Wis., r., 1924-25, 4%....	7,000	6,72	6,72
Wausau, Wis., pub. imp., ext. wat. wks., 1923-28, 4%....	15,000	14,37	14,37
Wausau, Wis., pub. imp., fire protection, 1921-28, 4%....	20,000	19,22	19,22
Wau. & Green, Wis., jt. sc., 1915, 5%....	1,000	1,00	1,00

CONCORDIA FIRE INSURANCE COMPANY OF MILWAUKEE, Milwaukee, Wis.—Cont.

Bonds and Stocks Owned.—Cont.	Par Value.	Market Value.
Bonds.—Cont.		
Wm. & Green, Wis., jt. sc., 1916-18, 5%	\$3,000	\$3,040
Windsor, Ga., wat. wks., 1937, 5%.....	10,000	10,300
A. T. & S. Fe. Ry., transatlantic line construction, 1 m. g. bds., 1933, 4%.....	10,000	9,100
Chi. Mil. & St. P. Ry., gn. m. g. bds., "A" 1939, 4%.....	50,000	48,000
Chi. & N. W. Ry., gn. m. g., 1937, 4%.....	25,000	23,750
Chi. R. I. & Pac. Ry., 1 m. r. g., 1934, 4%.....	25,000	18,000
Chi. R. I. & Pac. Ry., eq. g., 1916, 4 1/2%.....	10,000	9,800
L. S. & M. So. Ry., c. g., 1931, 4%.....	25,000	23,500
Met. St. Ry., Kans. Cy., ca. m., 1913, 5%.....	25,000	23,750
Mil. El. Ry., & L. S., 1 ca. m. g., 1928, 5%.....	50,000	51,500
Mil. L. H. & Trac., 1 m. g., 1929, 5%.....	50,000	50,000
Mil. So. & N. W. Ry., 1 m. g., 1947, 4%.....	25,000	23,000
N. Y. N. H. & H. Ry., d. ba., 1936, 4%.....	25,000	18,500
One St. Line R. R., r. 25-jr. g., 1929, 4%.....	20,000	18,400
Shenandoah Ry., 1 m. serl. g., 1933, 5%.....	30,000	30,000
So. Pac. R. R., r. m. g., 1935, 4%.....	25,000	23,000
Union Pac. R. R., 1 m. r. m., 2003, 4%.....	10,000	9,500
Chippewa Val. Ry., Lt. & Pow., 1 m. g., 1924, 5%.....	25,000	24,250
La Cade Gas Lt., St. L., r. ext. 1 m. g., 1934, 5%.....	10,000	10,100
Mil. Gas Lt., 1 m. g. bds., 1927, 4%.....	25,000	22,780
Poplar Gas Lt. & C., Chi., r. m. g., 1947, 5%.....	25,000	25,250
Portland Gas & C., 1 & r. g., 1940, 5%.....	25,000	24,250
So. Cal. Ed., gn. m. g., 1939, 5%.....	25,000	23,500
Wis. Gas & El., 1 m. g., 1952, 5%.....	25,000	24,000
Totals (book value, \$1,014,421).....	\$1,048,524	\$1,014,421

MISCELLANEOUS: Capital increased in 1879 from \$27,790

to \$25,730; in 1880 from the latter amount to \$43,670; in 1881 to \$59,560; in 1882 to \$300,000, in 1906 to \$300,000, and in 1912 to \$600,000; surplus was also increased in 1906 by \$50,000. Conflagration loss: San Francisco, 1906, \$195,237, net. Deposit in Ga., \$10,300.

DIRECTORS: Julius Andrae, Wm. A. Starke, Geo. F. Brumder, Fred T. Goll, H. A. Luedke, Fred C. Pritsaff, Frans Wollaeger, Gustav Wollaeger, Jr., Geo. P. Mayer, Frank Damkoehler, John A. Stolper, Fred Vogel, Jr., A. R. Munkwitz, Walter A. Zinn, Wm. C. Brumder.

FIELD MEN AND TERRITORY COVERED: A. F. Hebben, Milwaukee, Wis., executive special; Henry E. Miller, Milwaukee, Wis., State agent for Wis., Minn. and Upper Mich.; Louis W. Snider, Detroit, Mich., State agent for Lower Mich.; Fred B. Clarke, Indianapolis, Ind., State agent for Ind.; John Dreih, Chicago, Ill., State agent for Ill.; F. E. Hoffman, Jr., Sedalia, Mo., State agent for Mo. and Kan.; Lockwood Bros., New York City, general agents, Metropolitan District; J. R. Gardner, general agent for Col. and Wyo.; O. J. Graham, Des Moines, State agent for Ia. and Neb.; W. L. Nelson & Co., Memphis, Tenn., general agents for Ark. and Tenn.; Allen Mohle, New Orleans, La., general agent for La.; Bertheau, Sellbach & Bertheau, San Francisco, Cal., managers for Cal., Utah, Mont., Ida., Ariz., Alas., Wash., Ore. and Nev.; Geo. W. Jalowick, Dallas, Tex., general agent for Tex.; Langdon C. Quinn & Co., Athens, Ga., general agents for Ga., Fla. and Ala.; Hay Bros. & Reynolds, Worcester, Mass., State agent for N. C.; E. C. Gilman, Worcester, Mass., State agent for Mass., Conn. and R. I.; John C. Allen, Philadelphia, Pa., State agent for N. J.; George F. Murphy, Brooklyn, N. Y., State agent for New York State; S. E. Dierst, Hollidaysburg, Pa., State agent for Pa., D. C. and Md.; P. E. Norris, Columbus, O., State agent for O. and W. Va.; Merrill & Brandt, Okla. City, Okla., general agents for Okla. The company does business in all the states of the U. S. except in Del., Haw., Ky., Me., Miss., N. H., N. M., N. D., S. C., S. D., Vt. and Va.

CONNECTICUT FIRE INSURANCE COMPANY, Hartford, Conn.

President, Edward Milligan; Vice-Presidents, W. T. Howe and George M. Lovjoy; Secretary, John A. Cosmus. Organized, 1850.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$6,740,712	\$4,036,489	\$1,225,998	\$3,537,418	\$3,761,166	\$2,048,529	\$160,000	\$1,535,532	\$3,744,061	\$2,111,721
1913	6,761,549	4,066,104	1,316,311	3,609,927	3,943,063	2,163,727	930,000	1,518,203	4,616,930	2,153,978
1912	7,709,634	4,114,573	2,238,529	3,739,991	4,038,333	2,063,755	160,000	1,539,057	3,762,812	2,086,259
1911	7,491,191	4,065,646	2,066,518	3,728,364	4,024,602	2,298,211	160,000	1,467,137	3,925,348	2,210,772
1910	7,432,985	4,040,318	1,993,669	3,783,142	4,060,906	1,871,961	160,000	1,481,807	3,512,568	1,899,994
Assets, Dec. 31, 1914.										
Real estate.....	\$1,850	Loans unpaid.....	\$369,975							
Mortgage loans.....	927,600	Unearned premiums.....	4,036,489							
Bonds and stocks.....	4,839,357	Other liabilities.....	103,250							
Loans on Travelers.....		Total liabilities.....	\$4,514,714							
stk. val., \$56,200.....	30,000	Capital paid up.....	1,000,000							
Cash.....	357,094	Net surplus.....	1,225,998							
Agents' balances.....	370,021									
Interest.....	83,054									
Other assets.....	83,704									
Total.....	\$6,792,680									
Stk. dep. over liab.....	51,968									
Total assets.....	\$6,740,712	Total.....	\$6,740,712							

Underwriting loss, \$124,258; investment profit, \$245,913.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$91,999,979; premiums thereon, \$7,946,043.

BUSINESS SINCE ORGANIZATION: Premiums received, \$79,594,322; losses paid, \$43,763,098; dividends declared, cash, \$3,985,008.

REAL ESTATE OWNED: The company owns several houses and lots in St. Paul, and 25 acres of land at Riverside, Cal.

MORTGAGE LOANS: There are 89 loans, aggregating \$927,600, and the appraised values of the properties securing these loans amount to \$2,488,580, or over two and one-half times the amount loaned. With relatively few exceptions, the loans are for less than \$9,000 each, and more than one-half of them are upon Hartford and West Hartford properties. The most of the remaining loans are secured by Chicago and Minneapolis dwellings and stores. A few of the larger loans are as follows: In Hartford, \$46,200 on 3-story business buildings, Main St. and Central Row; \$25,000 on store, 588-593 Main st.; \$50,000 on 607-613 Main st.; \$19,000 on 34 Prospect st.; \$27,000 on cor. Allen and Ann sts.; \$30,000 on 196-215 Pearl st.; \$40,000 on stores, 520-538 Asylum st.; \$20,000 on dwelling, Arch and Prospect sts. In Chicago, \$25,000 on 4-story business block, 198-204 Kinzie st.; \$60,000 on church and school buildings, Stewart ave.; \$15,000 on store, 2430-2 Lincoln ave.; \$65,000 on cor. 22nd and State sts.; \$25,000 on stores and dwellings, Park and 48th aves. In Minneapolis, \$40,000 on busi-

ness block, 604-608 Nicollet ave.; \$55,000 on 122-128 Washington ave.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Aris. Ter., 1946, 5%.....	\$25,000	\$25,250
Astoria, Ore., 1925, 5%.....	5,000	5,100
Augusta, Ga., 1942, 4 1/2%.....	50,000	50,000
Balti., Md., 1980, 3 1/2%.....	100,000	85,000
Bridgeport, Conn., 1936-39, 4%.....	40,000	39,200
Buffalo, N. Y., 1924-30, 4%.....	30,000	29,700
Buffalo, N. Y., 1962, 4 1/2%.....	80,000	20,400
Chicago, Ill., 1926-29, 4%.....	100,000	99,000
Cleveland, O., 1934, 4 1/2%.....	75,000	78,750
Columbus, O., 1922, 4%.....	34,000	34,000
Colo. Springs, Col., 1924, 4%.....	25,000	24,250
Dallas, Tex., 1920, 5%.....	12,000	12,360
Dallas, Tex. watwks. & perm. imp., 1946, 4%.....	25,000	23,500
Duluth, Minn., 1932, 4%.....	35,000	33,950
East Hartford, Conn., fire dis., 1931, 4%.....	40,000	40,000
Fairfield, Co., Conn., 1939, 4%.....	50,000	48,500
Georgia, 1916, 4 1/2%.....	25,000	25,000
Hamilton, Ont., 1933, 4 1/2%.....	25,000	24,000
Hartford, Conn., 1954-55, 3 1/2%.....	100,000	89,000
Hartford, Conn., so. sc. dis., 1931, 3 1/2%.....	25,000	23,250
Helena, Mont., 1916, 5%.....	20,000	20,000
Hennepin Co., Minn., 1925-24, 4 1/2%.....	50,000	51,500
Idaho State, 1931, 4 1/2%.....	50,000	51,000
Kansas, Mo., 1924, 4%.....	60,000	49,000
Nashville, Tenn., 1927, 4%.....	50,000	47,500
New Britain, Conn., sr. l., 6th ser., 1932, 3 1/2%.....	25,000	23,250
New Britain, Conn., 8th ser., 1936, 4%.....	25,000	24,500
New Haven, Conn., 1928, 4%.....	12,000	11,890
New Haven, Conn., 1931-33, 4%.....	48,000	47,340
New London, Conn., 1928, 3 1/2%.....	50,000	47,000
New Mexico Territory, 1933, 4%.....	10,000	9,700
New Mexico State, 1952, 4 1/2%.....	50,000	50,500
Newport, R. I., 1934, 3 1/2%.....	44,000	39,600
Norwich, Conn., 1931, 4%.....	25,000	24,500
Oakland, Cal., Municipal imp., 1944-46, 4 1/2%.....	50,000	51,000

CONNECTICUT FIRE INSURANCE COMPANY, Hartford, Conn.—Continued.

BONDS AND STOCKS OWNED.—Cont.		BONDS AND STOCKS OWNED.—Cont.	
BONDS.—Cont.	Par Value.	BONDS.—Cont.	Par Value.
Ontario Province, Canada, 1936, 34%	\$15,000	S. L. So. R. R., 1 gr. m., 1931, 4%	\$25,000
Pawtucket, R. I., 1934, 4%	30,000	So. Pac. R. R., 1 r. m., 1935, 4%	25,000
Pawtucket, R. I., 1937, 41%	30,000	So. Pac. R. R., 1 ca. m., 1937, 5%	50,000
Portland, Ore., 1923, 5%	50,000	Tol. & O. Cen. R. R., 1 m., 1935, 5%	10,000
Providence, R. I., 1923, 4%	50,000	Tol. & O. Cen. R. R., 1 m., w. div., 1935, 5%	15,000
Richland Co., S. C., 1933, 5%	15,000	Toronto Hamilton & Buffalo R. R., 1 m., 1946, 4%	25,000
Richmond, Va., 1924, 4%	50,000	Un. Pac. R. R., 1 m., R. R. & L. Grant, 1947, 4%	50,000
Rockville, Conn., 1935, 4%	25,000	Vandalia R. R., ca. m., 1955, 4%	50,000
St. Denis, de Montreal, Can., 1952, 54%	40,000	Ver. Val. R. R., 1 m., 1940, 44%	50,000
Saint Louis, Mo., 1928, 4%	50,000	Wash. Tm., 1 m., 1945, 34%	25,000
Salt Lake City, U., 1924, 41%	10,000	Conn. R., 1934, 6%	15,000
Salt Lake City, U., se. dis., 1932, 41%	40,000	M. Bd. of N. Y., 1966, 4%	23,000
San Diego, Cal., 1937-38, 41%	30,000	Nwn. Tl. 1 m., 1934, 44%	25,000
San Fran. Co., Cal., 1928-36, 5%	50,000	Peoples' Gas & Coke Co., Chi., r., 1947, 5%	25,000
Seattle, Wash., se. dis., No. 1, 1925, 44%	25,000	Western Union Tl., col. tr., 1938, 5%	25,000
Spokane Co., Wash., se. dis., No. 81, 1927, 44%	50,000	W. Un. Tl., f. & r. e. m., 1950, 44%	25,000
Stockton, Cal., High Se. Dis., 1915-17, 50%	22,500	N. Y. N. H. & H. R. R.	73,700
Syracuse, N. Y., 1920, 31%	50,000	P. F. W. & C. R. R.	30,000
Tacoma, Wash., 1931, 41%	75,000	Etna Nat. Bk., Hartford	10,000
Torrington Bo., Conn., 1929, 4%	25,000	Charter Oak Nat. Bk., Hartford	9,300
Toronto, Can., 1953, 41%	25,000	1st Nat. Bk., Hartford	18,500
Trenton, N. J., 1934, 4%	50,000	Impters. and Traders Nat. Bk., N. Y.	10,000
Victoria, B. C., 1923, 4%	55,000	Nat. Ex. Bk., Hartford	20,600
Waterbury, Conn., 1927, 4%	50,000	Phoenix Nat. Bk., Hartford	15,000
Westmount, P. Q., 1955, 44%	25,000	Empire and Bay States Tl.	20,000
Atch., T. & S. F. R. R., gn. m., 1995, 4%	50,000	Nwn. Tl.	25,000
Balt. & O. R. R., p. ln., 1925, 31%	50,000	West. Adj. & Insp.	100
Bos. & Alb. R. R., imp., 1933, 4%	100,000	Pac. Coast Adj. Bur.	500
Bos. & Me. R. R., d., 1929, 41%	100,000		
Cen. Pac. R. R., 1 m., 1954, 4%	6,000		
C. B. & Q. R. R., Ill., Div., 1949, 34%	50,000		
Chi. & Erie R. R., 1 m., 1982, 5%	50,000		
C. M. & St. P. R. R., gn. m., 1989, 4%	50,000		
C. M. & St. P. R. R., gn. m., 1989, 44%	50,000		
Chi. & Nwn. R. R., d., 1921, 5%	50,000		
Chi. & Nwn. R. R., s. f. m., 1929, 5%	100,000		
Chi. & Nwn. R. R., gn. m., 1987, 34%	50,000		
Chi. Ry., ser. A. ca. m., 1927, 5%	30,000		
C. St. L. & N. O. R. R., ca. m., 1951, 31%	25,000		
C. St. P. M. & O. R. R., ca. m., 1930, 34%	50,000		
C. H. & D. R. R., gn. m., 1942, 5%	50,000		
C. I. & W. R. R., 1 r. m., 1953, 4%	50,000		
C. C. & St. L. R. R., St. L., 1 m., 1990, 4%	10,000		
C. C. & St. L. R. R., C., 1 m., 1991, 4%	10,000		
C. & M. Val. R. R., ca. m., 1938, 5%	10,000		
Detroit Ry., 1 m., 1924, 5%	50,000		
Har. R. & P. C. R. R., ser. A. c., 1915, 5%	30,000		
Ill. Cen. R. R., S. div., 1 m., 1951, 34%	25,000		
Ill. Cen. R. R., r. m., 1955, 4%	25,000		
Ind., Ill. & Ia. R. R., 1 m., 1950, 4%	50,000		
Ia. Cen. R. R., 1 m., 1938, 5%	25,000		
L. S. & Mich. So. R. R., d., 1931, 4%	50,000		
Lehigh Val. R. R., 1 m., 1940, 41%	55,000		
Lehigh Val. Tm., 1 m., 1941, 5%	25,000		
L. I. R. R., r. m., 1949, 4%	50,000		
Mich. Cen. R. R., 1 m., 1952, 31%	25,000		
Minn., S. P. & S. S. M. R. R., 1 ca. m., 1938, 4%	50,000		
Minn. & St. L. R. R., 1 & r., 1949, 4%	75,000		
New Eng. R. R., ca. m., 1945, 4%	25,000		
New Lon. No. R. R., 1 m., 1940, 4%	25,000		
N. Y. C. & H. R. R. R., r., 1997, 34%	55,000		
N. Y. C. & H. R. R. R., L. S. Col., 1998, 34%	50,000		
N. Y. C. & H. R. R. R., Mich. Cen. col., 1998, 34%	30,000		
N. Y. L. & W. R. R., Tm. & imp., 1923, 4%	100,000		
N. Y. N. H. & H. R. R. H. R. & P. C., 1954, 4%	50,000		
N. Y. N. H. & H. R. R. d. cts., 1947, 34%	50,000		
N. Y. N. H. & H. R. R., d. cts., 1947, 4%	30,000		
N. Y. N. H. & H. R. R., d. cts., cv., 1956, 31%	30,000		
N. Y. N. H. & H. R. R., d. cts., cv., 1948, 6%	25,000		
No. Pac. & Gt. No. R. R., C. B. & Q., col., 1921, 4%	50,000		
P. On. Fr. Eq. Tr. Cts., 1920, 4%	50,000		
Port Reading R. R., 1 m., 1941, 5%	27,500		
Rutland R. R., 1 ca. m., 1941, 4%	25,000		
Rutland Canadian R. R., 1 m. gr., 1949, 4%	25,000		
S. L. & San Fran. R. R., S. W. Div., 1947, 5%	25,000		
		Totals (book value, \$5,321,626)	\$5,179,200 \$4,939,357

MISCELLANEOUS: Capital increased in 1876 from \$500,000 to \$1,000,000, by cash payment, and in 1906 reduced from \$1,000,000 to \$500,000 and immediately restored to \$1,000,000 (fully paid): \$500,000 was also added to the company's net surplus. On Dec. 31, 1914, 9539 shares of the company's stock were owned by the Phoenix Securities Co. Confagration losses: Boston, 1872, \$132,600; Baltimore, 1904, \$290,057; San Francisco, 1906, \$2,378,428 net. Values of special deposits: Can., \$127,400; Ga., \$10,000; N. M., \$9,700; Va., \$48,500.

DIRECTORS: Franklin G. Whitmore, Daniel R. Howe, Willie O. Burr, Lucius F. Robinson, Francis R. Cooley, Edward Milligan, Eliza C. Hilliard, William T. Howe, John A. Cosmus, George M. Lovejoy, Thomas C. Temple, John B. Knox.

FIELD MEN AND TERRITORY COVERED: B. J. Smith, manager, and Guy Francis, assistant manager, Pac. department, San Francisco, Cal. F. W. Browers, general agent for Western department, and F. E. Sprocher, general agent, Central department, Hartford, Conn. I. A. Ullmann, district manager, Cook Co., and farm department, Chicago, Ill. W. P. Sage, general agent for Southern department, Hartford, Conn. Special agents: W. J. Snyder, Phila., Pa.; Wm. G. Mockett, Pittsburg, Pa.; T. W. Langstroth, N. Y. City; Wm. B. Neal, Boston, Mass., for New Eng. and New York; John M. Daggett, general agent for New Eng. and New York, Hartford, Conn.; Philip, Walter & Douglas, Jacksonville, Fla., general agents for Fla.; P. C. Cothran, Richmond, Va., special agent for Va., N. C. and S. C.; George P. Plouts, Dallas, Tex., special agent for Tex.; A. E. Hill for Ga. and Ala., and J. B. Ross, New Orleans, La., manager for La. and Miss.; S. W. Atkinson, Kan., state ag't for Kan.; W. M. Black, Des Moines, Ia., State agent, Iowa; J. E. Dreher, Lawrence, Kan., special agent, Kan.; J. D. Fleming, Marshall, Mo., state agent, Mo.; E. L. Green, Cambridge, Ohio, special agent, Ohio; C. A. Merritt, Minneapolis, Minn., State agent, Minn.; F. C. Hatfield, Little Rock, Ark., special agent, Ark.; W. F. Ramsey, Independence, Mo., special agent for Mo.; A. J. Knaak, Aberdeen, S. D., special agent for N. D. and S. D.; B. A. Lehnburg, State agent, Milwaukee, Wis.; R. L. Raynolds, Columbus, Ohio, State agent, Ohio; J. V. Richards, State agent, Tenn.; C. D. Rushmore, Oklahoma City, Okla., State agent, Okla.; H. V. Luce, Indianapolis, special agent for Ind.; G. Schemmann, Detroit, Mich., State agent, Mich.; A. T. Albright, State agent, Chicago, Ill., for Illinois; W. P. Smith, Monticello, Ill., special agent for Ill.; S. S. Welpton, Omaha, Neb., State agent, Neb.; A. B. Williams, Denver, Colo., special agent for Colo., N. M. and Wyo.; W. P. Swope, Lexington, Ky., special agent for Ky.; J. S. Reed, Portland, Ore., for Ore., Wash. and B. C.; W. S. Ferris, Salt Lake City, for Utah, Idaho, Mont.; Chas. Von Tegen, San Francisco, Cal., the Bay and North Coast Cos. of Cal.; L. P. Stephens, Los Angeles, So. Cal. and Ariz.; F. S. Dick for Cal. & Nev.; J. M. Gordon, for Ore., Wash., B. C., & Ida. The company operates throughout the United States and Canada.

CONTINENTAL INSURANCE COMPANY, New York, N. Y.

President, Henry Evans; Vice-President, George E. Kline; Second Vice-President and Secretary, J. E. Lopes; Second Vice-President and Counsel, David Rumsey; Secretaries, Chas. R. Tuttle, Jas. A. Swinnerton, Ernest Sturm, F. R. Millard; Auditor, Chas. A. Cross. Organized, 1853.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$28,728,098	\$9,540,634	\$15,665,376	\$38,347,375	\$9,675,316	\$4,425,778	\$1,000,044	\$3,197,678	\$8,623,500	\$4,632,635
1913	27,680,826	9,240,320	15,115,848	8,095,893	9,211,791	4,288,238	91,000,073	3,167,486	8,456,067	4,320,570
1912	23,159,437	9,022,217	15,579,417	8,118,909	9,302,767	3,910,650	91,000,044	3,134,946	8,045,640	3,934,913
1911	26,770,567	8,522,785	15,193,820	7,774,769	9,098,133	3,822,671	91,000,097	3,069,657	7,912,425	3,760,989
1910	25,390,915	7,917,552	14,246,478	7,308,443	8,756,232	3,079,739	91,750,003	2,823,900	7,653,642	3,177,825

* Includes payments to scripolders. * Also contingent reserve \$250,000. † Includes \$1,000,000 stock dividend. ‡ Includes \$128,224 marine premiums and \$51,800 marine losses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$1,271,500	Losses unpaid	\$724,395
Loan on 230 Mt.		Unearned premiums	9,540,634
Hope Pl. N. Y.	2,700	Div. scrip & int.	532,603
Bonds and stocks	22,871,906	Other liabilities	265,090
Cash	3,217,267		
Agents' balances	1,169,432	Total liabilities	\$11,062,722
Receivable	111,541	Capital paid up	2,000,000
Interest and rents	115,442	Net surplus	15,665,376
Total	\$28,728,098		
Less excess spl. dep.	31,690		
Total assets	\$28,728,098	Total	\$28,728,098

Underwriting profit, \$198,541; investment profit, \$1,382,913.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,289,914,556; premiums thereon, \$18,243,825; marine and inland risks in force, \$5,493,598; premiums thereon, \$139,094.

BUSINESS SINCE ORGANIZATION: Premiums received, \$178,142,782; losses paid, \$91,790,261; dividends declared, cash, \$15,314,357; stock, \$1,000,000.

REAL ESTATE OWNED: There are but four items of real estate (all carried at book value), viz.: The building at 42-48 Cedar st., a 14-story and basement brick and stone fireproof structure, with 3-story addition on adjoining lot carried at \$925,000 (cost \$1,010,625); 4-story brick building at 126 Broadway, Brooklyn E. D. valued at \$9,000 (cost \$23,000); a lot and building at 158 Montague st., Brooklyn, valued at \$57,500 (cost \$73,292); and a 5-story and basement brick and iron office building at southwest corner Montague and Court sts., Brooklyn carried at \$20,000 (cost \$342,358). There are no incumbrances.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
U. S. Govt. Pan. Can. L. g., reg., 1961, 3%	\$800,000	\$800,000
Alberta Can. d., g., c., 1924, 4 1/2%	50,000	46,500
Campania St. reg., 1915, 4 1/2%	10,000	10,000
M. M. Terr. g., r., c., 1939, 4%	10,000	9,300
N. Y. St. can. imp., reg., 1957, 3%	200,000	196,000
N. Y. St. can. imp., reg., 1960, 4%	53,000	52,470
N. Y. St. can. imp., reg., 1961, 4%	150,000	148,500
N. Y. St. can. imp., reg., 1927, 3 1/2%	125,000	113,750
N. Y. Corp. ac., g., reg., 1940, 3 1/2%	250,000	215,000
N. Y. Corp. h. r., g., reg., 1940, 3 1/2%	186,000	159,980
Richmond Va. reg., 1920-1-3-4-6-7, 4%	52,000	49,920
San Fran. cy & co. exp., s. f., g., c., 1939, 5%	25,000	25,000
San Fran. cy & co. mun. st. ry., s. f., g., c., 1940, 5%	25,000	25,000
Toronto Can. c., 1948, 4%	299,200	251,412
Amer. T. & S. F. Ry., cv., g., c., 1960, 4%	787,000	724,040
A. C. L. R. R. L. & N., col., g., c., 1952, 4%	50,000	42,500
B. & O. R. R. cv., g., c., 1933, 4 1/2%	200,000	168,000
B. & O. R. R. P. Jct. & M. D., l. & col. in., g., c., 1925, 3 1/2%	50,000	44,500
B. & O. R. R. Sown. col. tr., l. m., g., c., 1925, 3 1/2%	25,000	21,750
C. & O. Ry., cv., g., c., 1960, 4 1/2%	100,000	71,000
C. & O. Ry., l. m., g., c., 1945, 4%	60,000	40,500
C. & E. Ill. R. R., gn. ca., l. m., c., 1937, 5%	50,000	36,000
C. B. & Q. R. R., gn. m., c., 1958, 4%	75,000	66,750
C. G. W. R. R., l. m., g., c., 1959, 4%	109,000	66,000
C. M. & St. P. Ry., d., cv., g., c., 1932, 4 1/2%	52,500	50,400
C. M. & St. P. Ry., l. m., g., c., 1921, 5%	50,000	50,500
Chicago Ry., l. m., g., c., 1927, 5%	100,000	96,000
Cl. L. W. Ry., l. m., g., c., 1933, 5%	40,000	40,400
Cleveland St. Ry., l. m., g., c., 1961, 4 1/2%	50,000	45,500
Col. & So. Ry., l. m., g., c., 1929, 4%	48,000	40,800

BONDS AND STOCKS OWNED.—Cont.

	Par Value.	Market Value.
Bonds.—Cont.		
Col. & Green. R. R., l. m., g., c., reg., 1916, 6%	\$50,000	\$50,500
Del. & Hud. d., g., c., 1916, 4%	100,000	99,000
Det. Riv. Tun., l. m., g., c., 1961, 4 1/2%	75,000	66,750
Dul. & I. R. E. R., l. m., g., c., 1937, 5%	25,000	24,750
Erie R. R., A., cv., g., c., 1963, 4%	145,000	89,900
Erie R. R., R., cv., g., c., 1953, 4%	80,000	51,800
Ft. Worth & Den. Cy., Ry., l. m., g., c., 1921, 6%	150,000	150,000
Galv., Har. & San Ant. Ry., l. m., s. f., g., c., 1931, 5%	15,000	15,300
Galv. Hou. & Hand. R. R., l. m., g., c., 1933, 5%	100,000	85,000
Ill. Cent. R. R., r. m., g., c., 1955, 4%	40,000	34,000
Kan. & Mich. Ry., 2 m., g., c., 1927, 5%	50,000	47,000
Kan. Cy., Ft. S. & Mem. R. R., ca. m., c., 1926, 6%	100,000	107,000
L. S. & M. So. R. R., n. c., 1915, 5%	750,000	750,000
L. & N. R. R., M. & M. Ry., l. m., g., c., 1945, 4 1/2%	50,000	49,500
M. & O. R. R., l. m., ext., g., c., 1927, 6%	13,000	14,300
N. Y. & C. R. R., l. & r. m., g., reg., cv., d., 1960, 5%	50,000	18,000
N. Y. & H. R. R., r. m., g., c., 2000, 3 1/2%	82,000	68,880
N. & W. Ry., cv., g., c., 1938, 4 1/2%	75,000	76,760
No. Pac. Gt. No. Jt., C. B. & Q., g., c., 1921, 4%	250,000	237,500
S. A. & A. P. Ry., l. m., g., c., 1943, 4%	25,000	19,750
Sea Air L. Ry., l. m., g., c., 1950, 4%	75,000	57,750
So. & No. Ala. R. R., gn. ca. m., g., c., 1963, 6%	50,000	49,500
Southern Ry., dev. & gn. m., g., c., 1966, 4%	150,000	96,000
Tex. & Okla. R. R., l. m., g., c., 1943, 5%	10,000	8,400
3d Ave. Ry., N. Y., l. r. m., g., c., 1960, 4%	185,000	146,150
Union Tm., Dallas, l. m., g., c., 1942, 5%	50,000	48,500
Amalg. Cop. n., g., c., 1915, 5%	200,000	200,000
Amer. Agri. Chem., d., cv., g., c., 1924, 5%	50,000	46,500
Amer. Can., s. f., d., g., c., 1928, 5%	100,000	93,000
Amer. Cot. Oil, d., g., c., 1931, 5%	56,000	51,520
Amer. Smelt. Sec., d., s. f., cv., g., c., 1926, 6%	225,000	231,750
Amour & Co., r. e., l. m., g., c., 1939, 4 1/2%	100,000	91,000
Beth. Steel, l. ext. m., s. f., g., c., 1926, 5%	25,000	24,500
Cent. Leather, l. in., g., c., 1925, 5%	50,000	48,000
Ca. Gas, d., cv., subs war., 1920, 6%	100,000	9,750
Corn Prod. Ref., l. m., s. f., g., c., 1934, 5%	85,000	77,350
Fire Cos. Blg. Cp., l. m., s. f., g., c., 1961, 4 1/2%	1,000,000	1,000,000
Gn. Motors, l. in., s. f., g., c., 1915, 6%	100,000	100,000
Gn. Rubber, d., g., c., 1915, 4 1/2%	250,000	250,000
Ill. Steel, d., g., c., 1940, 4 1/2%	100,000	83,000
Insp. Ca. Cop., l. m., cv., g., c., 1922, 6%	107,000	103,790
Ligg. & Myers Tob., d., g., c., 1944, 7%	50,000	61,000
Lorillard P., d., g., c., 1944, 7%	18,000	21,780
Mont. Pow., l. & r. m., s. f., g., c., 1943, 5%	50,000	44,500
Mort. Bond, N. Y., m., g., c., 1966, 4%	24,000	19,240
N. Y. Gas & El. Lt., Ht. & Pow., pur., mon., g., c., reg., 1949, 4%	50,000	41,500
Otis Elev., d., cv., g., c., 1920, 5%	100,000	97,000
Ry. Steel-Spr., N. J., I. O. P., l. m., s. f., g., c., 1931, 5%	77,000	69,300
Republic l. & S., s. f., m., g., c., 1940, 5%	25,000	22,500
U. S. Steel, 2 m., s. f., col. tr., g., c., 1963, 5%	300,000	308,000
Utah Pow. & Lt., l. m., s. f., g., c., 1944, 5%	50,000	43,500
W. U. Tg. f. & r. e. m., g., c., 1950, 4 1/2%	82,000	72,189
West. El. & Mfg., s. f., cv., g., c., 1931, 5%	75,000	67,800

CONTINENTAL INSURANCE COMPANY, New York, N. Y.—Continued.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
Atl. & Charl. Air L. Ry., gr.	\$20,000	\$37,600
Atlantic Coast Line, R. R., com.	50,000	105,000
Atlantic Coast Line, R. R., p.	485,000	492,275
Baltimore & Ohio R. R., p.	40,800	28,152
Baltimore & Ohio R. R., com.	20,300	13,804
Brooklyn City R. R., gr.	140,000	235,200
Brooklyn Rapid Transit.	300,000	256,500
Buff. Roch. & Pitts. Ry., p.	70,000	80,500
Buff. Roch. & Pitts. Ry., com.	100,000	80,000
Cent. R. R. Co of N. J.	100,000	288,000
Chicago & Northwestern Ry., p.	250,000	405,000
Chicago & Northwestern Ry., com.	180,000	188,625
Chi. Cy. & Con. Rys., col. tr., p., part., tr. of.	116,800	41,172
Chi. Cy. & Con. Rys., col. tr., com. part., trust, etc.	70,100	7,010
C. M. & St. P. Ry., p.	250,000	315,000
C. M. & St. P. Ry., M. & O., p.	100,000	130,000
Delaware & Hudson.	10,000	14,100
Del. Lack. & Western R. R.	358,000	1,409,780
Great Northern Ry., p.	604,800	683,424
Lehigh Valley R. R., com.	250,000	331,250
Louisville & Nashville R. R.	600,000	672,000
Mahoning Coal R. R., com.	25,000	162,500
Manhattan Ry., gr.	200,000	255,500
Minn., St. P. & S. S. M. Ry., l. l.	100,000	77,000
Nashville, Chatt. & St. L. Ry.	350,000	455,000
New York & Harlem R. R., gr.	251,050	891,227
New York, Chicago & St. Louis R. R., 1 p.	50,000	40,000
Norfolk & Western Ry., com.	510,500	505,395
Pitts., Cin., Chi. & St. L. Ry., p.	250,000	225,000
Pitts., Cin., Chi. & St. L. Ry., com.	200,000	140,000
Pitts., Ft. W. & Chi. Ry., gr.	50,000	79,375
Union Pacific R. R., p.	100,000	79,000
Union Pacific R. R., com.	90,000	106,200
United New Jersey R. R. & Can., gr.	130,000	291,850
Western Md. Ry., p.	300,000	75,000
Amer. Exch. Nat. Bk., N. Y.	25,000	51,250
Bank of America, N. Y.	5,000	27,700
Bank of New York, N. B. A., N. Y.	50,000	196,500
Central Trust, N. Y.	60,000	603,000
Mechanics & Metals Nat. Bk., N. Y.	42,500	95,625
American Can, p.	40,000	36,300
American Tobacco, p.	90,000	93,150
Consolidated Gas, N. Y.	400,000	456,000
Del. Lack. & Western Coal.	29,250	79,706
Fire Companies Bldg. Corp., N. Y.	1,000,000	1,000,000
General Chemical, N. Y., p.	47,500	52,012
Lehigh Val. Coal Sales, N. J.	31,250	51,582
Mahoning Inv., B., R. & P. Ry. Prop.	30,000	16,500
Northern Securities, N. J.	10,000	10,200
Sears, Roebuck & Co., N. Y., p.	250,000	306,875
United Cigar Stores, N. J., p.	200,000	224,000
Western Union Telegraph.	79,200	45,936

Totals (book value, \$21,699,180)..... \$19,137,350*\$21,778,678

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Company was organized in 1853 with a capital of \$500,000; increased in January, 1872, to \$1,000,000; in 1872, made up by "calls on capital" impairment of \$400,000 (40 per cent). In 1910 the capital stock was increased from \$1,000,000 to \$2,000,000 by a stock dividend. The Continental, together with the Fidelity-Phoenix Fire, guarantees the policies issued under the title of the Fidelity Underwriters. Values of special deposits: Canada, \$266,377; Georgia, \$10,000; Virginia \$50,440; New Mexico, \$9,600. Conflagration losses: Chicago, 1871, \$1,485,888; Baltimore, 1904, \$924,519; San Francisco, 1906, \$1,749,925, net.

DIRECTORS: William L. Andrews, Walter P. Bliss, George Blumenthal, John Kerr Branch, James C. Brady, James H. Dooley, Henry Evans, G. Drowbridge Hollister, George E. Kline, William G. Low, William J. Matheson, Daniel G. Reid, J. N. Wallace, Samuel Riker, Jr., Frederic W. Scott.

FIELD MEN AND TERRITORY COVERED: Special agents reporting to the home office, 80 Maiden Lane, New York City and their territory: J. H. McClure, Me.; W. D. Davol, N. H. & Vt.; H. C. Buck, Conn. & W. Mass.; H. B. Sly, R. I. & E. Mass.; R. H. Dolson, S. E. N. Y.; H. E. Maxson, N. E. N. Y.; J. A. Jordan, Middle N. Y.; A. J. Halsey, W. N. Y.; C. M. Slocum, No. N. J.; R. F. Rieder, So. N. J.; D. Hinckley, E. Pa.; E. A. Morrell, Middle Pa.; G. G. Poyer, W. Pa.; H. D. Rogers, Md., Del. and D. C.; G. Weldon, Va.; E. C. Land, N. C.; N. H. Clarkson, S. C.; Vernon Hall, Ga.; W. F. C. Fellers, Fla.; R. C. Lewis, Ala.; M. B. Griffin, La. and S. Miss.; L. H. Platt, Ark.; B. R. Franklin, No. Miss.; H. L. Houseman, No. Texas; W. G. Achenbach, So. Texas; A. R. Stell, E. Canada; M. F. Leibler, L. I. Western Department, 332 South La Salle st., Chicago, Ill., C. R. Tuttle, secretary in charge special agents reporting to the Western Department and their territory: A. J. Dillon, I. D. Goss, R. C. Adams, Lon. D. McConnell, Bernard Sharkey, Indiana; T. J. Lilly, H. E. Whitechurch, Fred J. Donika, Minn.; H. H. King, C. L. Foster, Ky.; F. M. Ewing, W. R. Ruegnets, W. P. Davis, Ewing Stults, Tenn.; W. A. Williams, Ore. and Wash.; G. L. A. Lauer, Wash. and B. C.; F. P. Wilson, Cal. and Nev.; J. C. Wickler, Cal.; Geo. L. McIntire, Cal. and Ariz.; Tracy Loan and Trust Co., Utah; J. W. Gamble, Ida. & Mont.; N. A. Bloom, B. V. Legg, Mich.; R. T. Miller, Wis. and Mich.; A. A. Maloney, W. M. Broe, F. Meriwether, Mo.; G. C. Grupe, Ill. and Mo.; A. C. Schmuke, J. Potter, N. D.; Al. C. Schmuke, S. D.; Harry Howes, Canada; J. F. Donica, E. A. Henne, C. E. Daniels, Ia.; F. T. McAnally, C. A. Mowry, R. A. Hommes, D. E. Babbitt, E. P. Rogers, Ill.; T. E. Griffith, R. D. Voss, J. Battershill, Kan.; E. B. Lilly, S. F. McGill, Okla.; A. G. Evans, L. J. Coyle, Neb.; J. R. Martin, W. J. Beggs, J. Edgar Lyons, Ohio; L. S. Day, A. E. White, Colo., Wyo. and N. M.; W. O. Campbell, Colo.; The company operates throughout the United States and in Canada.

CORCORAN FIRE INSURANCE COMPANY, Washington, D. C.

President, William E. Edmonston; Secretary, L. R. Peak. Organized, 1873.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$277,312	\$18,632	\$157,688	\$13,086	\$30,670	\$4,903	\$10,000	\$12,331	\$27,234	\$5,273
1913	273,072	18,110	154,200	12,641	29,691	2,706	10,000	11,884	24,590	2,706
1912	267,341	17,482	149,354	13,032	30,990	2,229	10,000	10,654	22,883	2,229
1911	259,849	20,668	137,572	11,737	28,890	1,784	10,000	11,959	23,743	2,265
1910	254,312	19,126	133,613	12,770	27,491	2,183	10,000	11,121	23,304	3,457

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Real estate.....	\$68,967		Losses unpaid.....	\$370	
Mortgage loans.....	197,100		Unearned prems.....	18,631	
Cash.....	6,593		Other liabilities.....	623	
Agents' balances.....	844				
Interest and rents.....	3,808		Total liabilities.....	\$19,624	
			Capital paid up.....	100,000	
			Net surplus.....	157,688	
Total assets.....	\$277,312		Total.....	\$277,312	

Underwriting loss, \$3,725; investment profit, \$3,488.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,063,923; premiums thereon, \$36,380.

BUSINESS SINCE ORGANIZATION: Premiums received,

\$565,836; losses paid, \$121,805; dividends declared, cash, \$303,000.

REAL ESTATE OWNED: The real estate comprises the home office building of the company, 604 11th st., N. W., Washington, D. C., and the adjoining building, 606, valued at \$68,967. Rents received last year, \$8,000, taxes and expenses \$513.

MORTGAGE LOANS: These loans aggregate \$197,100, and are mostly on improved property in D. C., valued at about three times the sum loaned thereon. Company holds ample insurance on the buildings.

DIRECTORS: Albert T. Coumbe, Albert F. Marsh, Frank J. Lewis, Louis R. Peak, William E. Edmonston, Frank McClelland, Robert D. Weaver, Watson F. Clark, Frank P. Resnic.

TERRITORY COVERED: The company operates only in the District of Columbia.

COUNTY FIRE INSURANCE COMPANY OF PHILADELPHIA, Philadelphia, Pa.

President, Chas. R. Peck; Secretary, E. A. Law. Organized, 1832.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$350,151	\$357,540	\$61,452	\$430,319	\$469,054	\$216,406	\$216,000	\$172,396	\$804,802	\$224,083
1913	1,156,656	520,061	191,869	369,836	419,368	235,052	32,000	178,404	445,456	230,437
1912	1,211,884	524,381	245,075	381,030	430,410	199,565	32,000	177,633	409,198	197,428
1911	1,204,450	529,561	228,415	399,142	448,364	208,598	32,000	183,431	424,029	233,021
1910	1,183,580	517,046	219,124	392,453	441,359	204,314	32,000	175,964	412,278	199,442

Unearned premiums include amounts reclaimable on perpetual policies.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$71,165	Losses unpaid.....	\$23,968
Mortgage loans.....	72,785	Unearned prems.....	177,925
Bonds and stocks.....	521,409	Perp. dep. recl.....	179,615
Loan on Unit Pam. Ry., val. \$3,990.....	2,800	Other liabilities.....	7,191
Cash.....	78,904	Total liabilities.....	\$388,699
Agents' balances.....	96,245	Capital paid up.....	400,000
Interest and rents.....	4,840	Net surplus.....	61,452
Other assets.....	2,003		
Total assets.....	\$850,151	Total.....	\$850,151

Underwriting profit, \$50,152; investment profit, \$42,524.

RISKS AND PREMIUMS: Fire risks in force (except perpetual), December 31, \$28,009,496; premiums thereon, \$279,991; perpetual fire risks, \$8,060,362; deposit premiums thereon, \$37,412.

BUSINESS SINCE ORGANIZATION: Premiums received, \$7,571,058; losses paid, \$4,421,310; dividends declared, cash, \$1,348,408.

REAL ESTATE OWNED: The principal property is the 4-story store and brick building on Fourth st., 129 ft. south of Centast st., Philadelphia, the book value of which is \$30,208, and which is carried at \$50,000. The remaining 6 properties comprise 5 stores and dwellings in Philadelphia. These are all carried at or below their book values, which range from \$3,258 to \$6,600. There are no incumbrances.

MORTGAGE LOANS: There are 35 mortgage loans and ground rents, secured by properties in or near Philadelphia. Loans to the amount of \$72,785 are protected by properties estimated to be worth \$370,000, and but \$30 of interest was overdue on December 31, last. The largest loan is one of \$12,000 on S. W. corner 9th and Oxford sts. (valued at \$22,000).

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Allegheny Co., Pa., co. rd., 1939, 4%.....	\$10,000	\$9,900	
Balt. & O. Imp. reg., 1960, 4%.....	15,000	14,700	
New York Cy. corp. stkl., c., 1957, 4%.....	20,000	21,400	
Norfolk Cy. c., 1923, 5%.....	8,000	8,180	
Norfolk Cy. wnt. c., 1928-31, 4%.....	6,000	5,580	
Pittsburgh Pa., imp. reg., 1915, 4%.....	3,000	3,000	
Pittsburgh Pa., f. c., 1921, 4%.....	5,000	5,060	
Phila. City, 1921, 3%.....	10,000	9,300	
Phila. City, la., reg., 1940, 4%.....	10,000	10,200	
Roads, Va., pub. bldg. c., 1941-38, 4%.....	6,000	5,880	
St. Paul Minn., fire dept., c., 1938, 4%.....	7,000	6,790	
Trenton N. J. city hall, 1939, 4%.....	5,000	4,850	
Walker-Barre, Pa., imp. c., 1921, 3%.....	4,000	3,840	
Washington, Del. mfg. f., 1932, 4%.....	10,000	9,700	
Exc. & Peoples' Tr., st. tr. ctd., 4%.....	25,000	20,250	
Lehigh C. & Nav., col. tr., 1930, 4%.....	20,000	19,600	
Leh. Val. R. R. c., m. reg., 6%.....	15,000	20,550	
N. Y. C. & H. R. R. (L. S. col.), reg., 1936, 3%.....	10,000	8,300	
N. Y. L. & W. Ry., term. & imp. c., 1923, 4%.....	10,000	9,500	
So. Cen. Ry., 2 gn. m., c., 1926, 5%.....	10,000	10,600	

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
Pa. & N. W. R. R., gn. m., c., 1930, 5%.....	\$10,000	\$10,500
P. B. & W. R. R., 1 m., c., 1943, 4%.....	5,000	4,950
Phila. & Erie R. R., co. m. reg., 1920, 5%.....	10,000	10,300
P. C. C. & St. L. Ry., co. m. c., 1942, 4%.....	20,000	20,400
Read. & P. & R. C. & I., gn. m., c., 1907, 4%.....	15,000	14,250
Wladikawise Ry., gr. Russ. Govt., c., 1957, 4%.....	15,000	12,750
Penna. Steel, m. reg., 1917, 5%.....	15,000	14,700

STOCKS.

Elmira & Williamsport R. R.....	550	528
Frank'd & Southw'k P. C. P. R. R.....	2,500	18,000
Germantown Pass. Ry.....	10,250	21,730
North Penn. R. R.....	5,200	9,568
Penna. R. R.....	33,000	36,300
Phila., Germ. & Norrist'n R. R.....	13,200	36,960
Phila. Tr.....	10,000	16,000
2d and 3d St. Pass. Ry.....	5,000	24,000
13th and 15th St. Pass. Ry.....	1,000	4,800
United of N. J.....	15,000	33,750
Union Tr. of Phila.....	8,200	6,888
Bk. of N. A., Phila.....	2,800	7,280
1st Natl Bk of Phila.....	1,000	2,000
Natl Bk of Nor. Liberties.....	3,500	8,508
Gn. Adj. Bur.....		100

Totals (book value, \$509,166)..... \$410,200 \$521,409

MISCELLANEOUS: Name changed in 1905 from Fire Ins. Co. of the Co. of Philadelphia. Capital increased in 1880 from \$100,000 to \$200,000, and in 1883 to \$400,000, both by cash payments. In 1914, controlling interest in company was purchased by the New Hampshire Fire, Manchester. Deposit in Va., \$19,620.

DIRECTORS: Chas. R. Peck, J. Burns Allen, Smith M. Wilson, F. H. Burpee, E. S. Joseph, J. H. C. Whiting, F. W. Sergeant, N. P. Hunt, J. S. Alexander, W. M. Parker, F. P. Carpenter, A. M. Heard.

FIELD MEN AND TERRITORY COVERED: Special agents: Smith M. Wilson for Allegheny Co., Cumberland, Md., and part of W. Va.; D. E. Witt for Va., N. C., and part of W. Va., and S. C.; John W. Wood for Western N. Y.; Frederick Peters for Eastern N. Y.; F. A. Pawley for N. Y. Cy and suburban; Frank Bancroft for N. J., except Camden, Gloucester, Burlington and Salem Cos.; W. A. Quigley for Philadelphia and suburban Camden, Gloucester, Burlington and Salem Cos., N. J., Md., except Cumberland; Frank S. Chase for Ill., except Chicago, Cairo and East St. Louis; M. S. Moore for Ind., Ky., St. Louis, Mo., Chicago, Cairo and East St. Louis, Ill.; L. W. Thompson for Conn. and Western Mass.; A. L. Bliss for R. I. and Eastern Mass.; A. D. Yeaton for Wis.; J. H. Gosnell for Minn.; George K. March for Mich.; D. C. Zercher for Mo.; A. W. Jones for O.; B. E. Hoffmaster for Ia. and S. D.; Chas. W. Krueger for Col. and Neb.; A. T. Bailey for Cal., Utah and Mont. The company operates in Col., Conn., Del., D. C., Fla., Ga., Ill., Ind., Ia., Ky., La., Md., Mass., Mich., Minn., Mo., Mont., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., Utah, Va., W. Va., Wis. and Wyo.

DEARBORN FIRE INSURANCE COMPANY, Chicago, Ill.

Articles of incorporation for this company were filed with the Secretary of State, Illinois, late in 1914. The Dearborn Fire is to have a capital of \$1,000,000 and surplus of like amount. The incorporators have been selected with unusual regard to their ability and experience in insurance and business matters. All organization expenses are guaranteed not to exceed 10 per cent of the sales of stock. The organizers of the Dearborn Fire are composed mainly of men who have devoted their lives to the

fire insurance business. The names of the incorporators follow: W. R. Drake, Austin B. Kinnaird, E. A. Force, W. T. McConnell, T. Roy Vaughan, N. W. Tomblin, Judge McKenise Cleland, Joseph C. Grieb, George D. Casgrain, Frank Lindley, A. H. Greene, Edward J. Johnson, Clarence C. Dearborn, Robert P. Blick, B. H. Pegram. This company will name as depository one of the largest banks in Chicago, and the subscription blank will contain the name of this bank.

DETROIT FIRE AND MARINE INSURANCE COMPANY, Detroit, Mich.†

President, Edward H. Butler, Secretary, A. H. McDonell. Organized, 1866.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	2,271,904	\$668,996	\$1,031,106	\$723,457	\$326,446	\$463,921	\$60,000	\$307,028	\$830,949	\$462,975
1913	2,277,539	637,650	1,073,767	723,495	324,241	1,367,088	65,000	307,950	740,038	353,748
1912	2,194,309	571,242	1,049,495	658,072	756,480	345,026	60,000	270,061	675,087	333,864
1911	2,138,818	522,981	1,046,676	603,951	700,815	336,669	72,500	246,927	656,096	320,388
1910	2,113,040	490,945	1,041,484	572,548	663,904	286,358	50,000	230,806	567,163	296,351

† Includes \$14,497 marine premiums and —\$2,231 marine losses.

‡ Transacts both fire and marine business.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$180,713	Losses unpaid.....	\$64,103
Mortgage loans.....	887,742	Unearned premiums.....	668,996
Bonds and stocks.....	940,170	Other liabilities.....	7,700
Collateral loans.....	18,400		
Cash.....	107,592	Total liabilities.....	\$740,799
Agents' balances.....	114,998	Capital paid up.....	500,000
Interest.....	22,289	Net surplus.....	1,031,106
Total assets.....	\$2,271,904	Total.....	\$2,271,904

Underwriting loss, \$81,664; investment profit, \$99,002.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$119,573,736; premiums thereon, \$1,275,872.

BUSINESS SINCE ORGANIZATION: Premiums received, \$15,224,508; losses paid, \$7,882,995; dividends declared, cash, \$1,798,500; stock, \$350,000.

REAL ESTATE OWNED: Comprises the company's home office building at 95 Shelby st., acquired in 1911 at a cost of \$144,963, and which is carried at cost; and 10 properties sold under contract, carried at the respective balances due.

MORTGAGE LOANS: There are 183 loans, aggregating \$687,742, secured by Detroit and other Michigan properties valued at \$2,579,176. The company holds insurance amounting to \$1,073,106, and on December 31, last, the past due interest amounted to \$6,515. The loans are mostly less than \$5,000 each, and but 23 exceed \$10,000 each.

COLLATERAL LOANS are as follows:		
Securities.	Market Value.	Amount Loaned.
Detroit & Cleve. Navigation Co., stk.	\$9,700	\$8,000
Det. Tr. Co., timber bs.	12,500	10,000
Parker Davis & Co., stk.	1,100	400
Totals.....	\$23,300	\$18,400

BONDS AND STOCKS OWNED:		
Stocks.		
	Par Value.	Market Value.
Aris, f., 1856, 4%	\$25,000	\$24,750
Aris, big., 1948, 5%	9,000	9,180
Aris, f., 1946, 5%	6,000	6,060
Ann Arbor, Mich., p. sc., 1930-31, 4%	5,000	4,800
Battle Creek, Mich., sr., 1929, 4%	15,000	14,700
Benton Harbor, Mich., p. sc., 1924-25, 5%	10,000	10,200
Detroit, imp., 1921, 4%	10,000	9,900
Detroit, Fairview Vil., 1924, 4½%	5,000	5,150
Detroit, mus. art. 1929, 3½%	9,000	8,370
Detroit, pk. imp., 1922, 4%	25,000	24,750
Detroit, pk. imp., 1930, 3½%	22,000	20,460
Detroit, pub. imp., 1918, 3.65%	3,000	2,970
Detroit, sr., 1919-26, 4%	203,000	200,970
Detroit, pub. sc., 1924-42, 4%	72,000	67,540
Detroit, Spgswells sc., 1935, 4%	24,000	23,280
Detroit, Spgswells Township, 1933, 4%	9,000	8,730
Detroit, Woodmere Wat., 1931, 3½%	5,000	4,550
Ecorse, Mich., sc., 1925, 4½%	10,000	10,000
Flint, Mich., Wat. Wks., 1934, 4%	20,000	19,600
Grand Rapids, Mich., st. imp., 1915-29, 4½%	19,000	19,000
Gd. Rps., Mich., eng. & Stdpipe, 1929, 4%	17,000	16,660
Greenfield & Spgswells, Mich., sc., 1915-16, 5%	11,000	11,260
Greenfield, Mich., sc., 1929, 5%	15,000	15,600
Grosse Pointe Farms, Mich., p., 1928, 4½%	9,000	9,270
Hamtramck, Mich., pav., 1916-17, 6%	6,278	6,278
Hamtramck, Mich., sc., 1928-29, 4½%	20,000	20,500
Hamtramck, Mich., wat., 1943, 5%	10,000	11,200
Hawaii, Ter., 1921, 3½%	25,000	24,250
Hawaii, Ter., 1920, 4½%	8,000	8,000
Highland Pt., Mich., imp., 1929, 4%	10,000	9,600
Highland Pt., Mich., p. sc., 1926, 4%	15,000	14,550

BONDS AND STOCKS OWNED.—Cont.

Stocks.—Cont.		Par Value.	Market Value.
Highland Pt., Mich., pub. sc., 1928, 4½%		\$10,000	\$10,400
Jackson, Mich., imp., 1930, 4%		14,500	14,065
Kalamasoo, Mich., fire prot., 1917, 4½%		5,500	5,540
Kalamasoo, Mich., sr., 1915, 4%		1,960	1,960
Kalamasoo, Mich., sc., 1921-22, 4½%		10,000	10,100
Kalamasoo, Mich., st. imp., 1915-17, 4%		3,000	2,970
Kalamasoo, Mich., st. imp., 1915, 4½%		9,500	9,500
Kalamasoo, Mich., sr., 1915-18, 4½%		20,000	20,150
Monroe, Mich., sc., 1918-21, 4%		15,000	14,880
Montclair Co., Mich., C. H., 1915, 4%		7,000	7,000
Monguagon, Mich., sc., 1915, 4%		10,000	9,650
N. Mex., cap. imp., 1937, 4%		15,000	14,400
Pontiac, Mich., Wat. Wks., 1920-26, 4½%		25,000	25,420
Portland, Ore., imp., 1921, 6%		10,000	10,000
Redford, Mich., hvy. imp., 1915-25, 4½%		12,000	12,100
River Rouge, Mich., sr. r., 1939, 4½%		20,000	20,400
Royal Oak, Mich., sc., 1916, 5%		4,000	4,060
Royal Oak, Mich., sc., 1920, 5%		1,000	1,020
Saginaw, Mich., sr., 1915, 4%		2,850	2,850
Saginaw, Mich., sr., 1915, 3½%		500	500
Saginaw, Mich., sidw., 1915-16, 3½%		6,800	6,766
Saginaw, Mich., st. imp., 1915, 4%		1,500	1,500
Wayne, Mich., wat., 1919-24, 5%		4,000	4,130
Wayne Co., Mich., rd., 1918, 4%		5,000	4,950
Amer. Lumber, 1916-18, 6%		10,000	10,000
Detroit City Gas, pr. ln., 1923, 5%		15,000	15,000
Hammond Lumber, N. J., 1920-21, 6%		10,000	10,000
Hotchkiss Timber, Cal., 1919, 6%		10,000	10,000
Johnson-Dean Lumber, Wash., 1915, 6%		5,000	5,000
Penn. Timber, W. Va., 1918, 6%		10,000	10,000
Pt. Blakely Mill, Cal., 1919, 6%		10,000	10,000
Portland Lumber, 1919, 6%		5,000	5,000
S. E. Slade Lumber, Cal., 1916-17, 6%		10,000	10,000

Totals (book value, \$952,388)..... \$952,388 *\$942,669

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Capital increased in 1866 to \$150,000; in 1877 to \$250,000; in 1891 to \$300,000; in 1897 to \$350,000; in 1891 to \$400,000; in 1897 to \$500,000; total stock dividends since organization, \$350,000. Conflagration loss: Chicago, 1871. \$160,000.

DIRECTORS: Alexander I. Lewis, Merrill B. Mills, Edward H. Butler, Edward C. Van Huesen, Chas. A. Ducharme, Junius E. Beal, H. L. Jennes, D. E. Heineman, Geo. N. Brady, Albert L. Stephens, C. L. Andrews, Chas. A. Dean, A. H. McDonnell, William V. Moore, Sidney T. Miller, Fred E. Butler, Chas. E. Hancock, Elwood Croul, J. P. Hemmeter, Wm. T. Barbour.

FIELD MEN AND TERRITORY COVERED: Special agents: F. W. Andrews, Detroit, Mich.; for Mich.: E. L. Samaco, Cincinnati, O., for Ohio and Ind.; George H. Bell, Detroit, Mich., for Ill., Mo., N. J., Pa., Md. and N. Y.; George A. Roberts, St. Paul, Minn., for Minn. and Wis.; Cravens & Cagg, general agents, Houston, Tex., for Tex. and La.; Simpson, Campbell & Co., general agents, Boston, Mass., for Mass., Conn., R. I. and Me.; E. J. Miller, Denver, Colo., general agent for Colo.; D. Cliffe Stone, Nashville, Tenn., for Tenn. The company operates in all the States of the United States except Ala., Ark., Del., D. C., Fla., Ga., Ia., Ky., Miss., Neb., N. M., N. C., N. D., Okla., R. I., S. C., S. D., Vt. and Va.

DETROIT NATIONAL FIRE INSURANCE COMPANY, Detroit, Mich.

President, M. O. Rowland; Secretary, J. Edward Ready. Organized, 1911.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$617,055	\$111,916	\$90,710	\$160,914	\$ 210,170	\$88,212	.....	\$98,528	\$174,740	\$111,941
1913	585,818	83,739	123,303	132,512	\$ 242,886	69,573	\$8,904	\$ 67,394	\$126,967	64,065
1912	495,794	25,904	123,237	43,518	\$191,382	9,471	.....	\$98,687	\$108,158	11,485
1911	209,293	.....	66,918	.....	1140,370	.....	.....	\$4,065	\$4,065	.....

‡ Includes \$140,250 surplus paid in. § Includes \$139,550 surplus from sale of stock in 1912, \$88,775 in 1913 and \$18,150 in 1914.
 ¶ Includes \$70,150 organization expenses. * Excludes organization expenses.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$374,861	Losses unpaid	\$32,799
Bonds and stocks	168,307	Unearned premiums	111,916
Collateral loans	9,900	Other liabilities	2,788
Cash	36,914		
Agents' balances	30,406	Total liabilities	\$147,495
Interest	8,663	Capital paid up	388,850
Other assets	137	Net surplus	80,710
Total	\$617,055	Total	\$617,055
Less excess op. dep.	12,133		
Total assets	\$617,055		

Underwriting loss, \$67,908; investment profit, \$28,376.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$19,541,577; premiums thereon, \$206,510.

BUSINESS SINCE ORGANIZATION: Premiums received, \$38,944; losses paid, \$154,749; dividends declared, cash, \$8,904.

MORTGAGE LOANS: There are 79 loans, amounting to \$74,561, all upon Michigan properties, usually valued at more than double the amount loaned. Interest past due on Dec. 31, last, aggregated \$983.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Securities.			
Amer. Pub. Util., \$1000 bd.		\$.....	\$.....
State Sav. Bk., Ann Arbor		2,500	2,500
Pennsylv. State Bk., Detroit		3,225	3,000
Pennsylv. State Bk., Detroit		4,300	3,500
Columbia Ry. Gas & El. bd.		1,000	900
Total		\$11,025	\$9,900

BONDS OWNED.		Par Value.	Market Value.
Baraga Co., Mich., Co. Jail, 1914-27, 5%		\$13,000	\$13,000
Big Rapids, Mich., wat., 1942, 4½%		15,000	15,000
Bad Axe, Mich., ac., 1927, 4½%		35,000	34,300
Bloomfield Township, Mich., ac., 1915-27, 4½%		11,000	11,000
Chiford Township, Mich., ac., 1920-23, 5%		2,000	2,000
Caro Village, Mich., sr., 1922, 4½%		3,000	3,000
Muskegon, Mich., wat., 1939-41, 4½%		30,000	31,200
Munising, Mich., sr., 1920, 5%		1,000	1,040
Otisco St. Dis., No. 9 Mich., 1923, 5%		500	510
Richmond, Va., pub. imp., 1945, 4%		19,000	17,670
S. Ste Marie, Mich., r., 1922, 4½%		2,000	1,900
Stambsburgh, Mich., ac., 1930-34, 5%		10,000	10,440
Whiteford Township, Mich., rd., 1919-22, 5%		10,000	10,136
Winsor Township, Mich., rd., 1915-21, 4½%		14,000	13,860
Ca. Gas El. Lt. & Pow., Md., 1935, 4½%		1,000	900
Hawtremack, Mich., pav., 1915-16, 6%		2,227	2,227
Totals		\$168,727	*\$168,263

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: This company was organized in 1911, and commenced business with a paid-up capital of \$140,250 and an initial net cash surplus of \$66,918. Capital increased in 1912 to \$280,550, and \$139,550 surplus paid in; and \$90,150 capital and \$88,775 surplus were paid in in 1913. Deposit in Va., \$17,670.

DIRECTORS: M. O. Rowland, Philip Breitmeyer, J. Edward Ready, Henry J. Guthard, Paul Turner, H. A. Lookwood, G. T. Calvert, Adolphus Fixel, J. V. Sheehan, T. L. Wilkinson, H. A. Thompson, V. T. Barker, J. E. Weter, W. C. Grobisher, J. E. Hutchinson, Wm. H. Becker, S. W. Ladd, Ralph Dyer, H. A. Douglas, M. W. Mills, James H. Johnson.

FIELD MEN AND TERRITORY COVERED: Wakefield Morley & Co., Hartford, Conn., general agents for Conn.; Sol Miller, Newport News, for Va.; Fred C. Sammie, Minneapolis, for Minn.

DIXIE FIRE INSURANCE COMPANY, Greensboro, N. C. ‡

President, H. R. Bush; First Vice-President, James B. Bladen; Secretary, F. M. Garner. Organized, 1906.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,090,137	\$355,602	\$168,469	\$459,871	\$512,646	\$399,061	\$291	\$218,261	\$517,613	\$317,504
1913	1,071,241	344,480	184,873	443,835	495,848	345,216	29,301	207,419	581,936	325,361
1912	1,186,827	416,104	204,382	568,886	620,372	355,248	.....	249,633	604,882	335,189
1911	1,152,101	379,164	215,398	532,624	598,322	490,838	.....	251,260	742,098	454,249
1910	1,208,541	509,425	211,077	702,491	767,568	434,912	.....	307,442	742,354	439,523

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$193,220	Losses unpaid	\$53,550
Mortgage loans	291,284	Unearned premiums	355,602
Bonds and stocks	412,425	Other liabilities	12,516
Collateral loans	5,000		
Cash	31,413	Total liabilities	\$421,668
Agents' balances	92,926	Capital paid up	500,000
Interest and rents	12,538	Net surplus	168,469
Other assets	731		
Total assets	\$1,090,137	Total	\$1,090,137

Underwriting loss, \$80,980; investment profit, \$64,703.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$47,794,446; premiums thereon, \$686,973.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,420,338; losses paid, \$3,253,023; dividends declared, cash, \$70,000.

REAL ESTATE OWNED: Consists of 5-story and basement building and lot, at So. Elm and Sycamore sts., Greensboro, which cost \$172,464. Rents received last year, \$11,774; taxes and expenses, \$7,646.

MORTGAGE LOANS: There are 43 loans, which aggregate \$391,284, and are secured by properties valued at \$911,000. The loans range from \$32,000, the latter on N. & S. Realty Co., Richmond, Va., water front (valued at \$100,000), down to \$800. There was \$135 of interest overdue on December 31, last, which was paid in January. The company holds \$196,200 of insurance on the buildings.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Securities.			
30 Shares McClamroch M. & T. Co.		\$3,000	\$1,100
4 Bonds Greensboro News		2,000	2,000
50 shares 1st Nat. Bk., Durham		5,000	2,500
Total		\$10,000	\$5,600

‡ Statement according to North Carolina standard.

DIXIE FIRE INSURANCE COMPANY, Greensboro, N. C.—Continued.

BONDS AND STOCKS OWNED:		Par	Market
Bonds.		Value.	Value.
Georgia State, reg., 1915, 4½%		\$10,000	\$10,000
North Car. St., 1950, 4%		64,000	64,000
North Car. St., 1950, 4%		10,000	10,000
Granville Co., N. C., pub. rds., 1939, 4½%		25,000	24,250
Richmond Cy., reg., 1941, 4%		35,000	32,550
Buffalo & Susq. R. R., 1963, 4%		7,000	4,200
At. Cst. L. R. R., 1 cs. m., g., 1952, 4%		25,000	23,500
Chi. & W. Ind. ca. g., 1952, 4%		10,000	8,400
A. C. L. unif. m., g., 1959, 4½%		48,000	44,640
La. Cent. R. R., 1 cs. m., g., 1951, 4%		21,000	10,080
L. S. & M. So. R. R., g., 1923, 4%		25,000	23,500
Mil. Sp. & N. W., 1 m., g., 1947, 4%		25,000	23,000
No. P. & Gt. No. C. B. & Q., col., 1921, 4%		25,000	24,250
Ore. S. L. R. R., r., g., 1929, 4%		25,000	23,000
So. Ry., 1 cs. m., 1994, 5%		22,000	23,100
Peace Inst., Raleigh, 1917, 5%		500	500
Wilson, good roads, 1933, 5%		40,000	40,800
Mortgage bond, g., m., 1932, 5%		10,000	9,900
Stocks.			
Western Adj. & Insp., Chicago		100	200
General Adj. Bur., N. Y.		200	200
Guilford Ins. & Realty, Greensboro		5,000	6,250
Southern Adj. Bureau, Atlanta		100	100

BONDS AND STOCKS OWNED.—Cont.		Par	Market
Stocks.—Cont.		Value.	Value.
Southern Car. High Pt., N. C., p.		\$5,000	\$5,000
Buffalo & Susq. R. R. Co., preferred		3,000	900
Buffalo & Susq. R. R., Co., common		1,500	105
Totals (book value, \$422,056)		\$442,400	\$412,425

MISCELLANEOUS: This company was organized in 1906 with a paid-up capital of \$500,000, and an initial surplus of \$250,000. In 1909 it absorbed the North State Fire of Greensboro, N. C. Values of special deposits: Fla., \$10,000; Ga., \$10,000; Va., \$24,180.

DIRECTORS: William B. Blades, Geo. Hackney, Capt. Jas. P. Sawyer, H. L. Hopkins, Jas. B. Blades, Jno. F. McNair, Dr. L. S. Blades, C. D. Benhow, J. E. Latham, H. R. Bush, A. L. Brooks.

FIELD AND TERRITORY COVERED: General agents: E. E. Hall, general agent, and C. S. Conklin, superintendent of agencies, 45 Cedar st., New York City, N. Y., for N. Y. and Mass.; Special agents: E. G. Michaels, Richmond, Va., for Va., E. G. Cox and Clyde A. Holt, Greensboro, N. C., for N. C.; R. H. McDowell, special agent for S. C.; This company operates in Ill. Mass., N. Y., N. C., Pa., S. C. and Va.

DUBUQUE FIRE AND MARINE INSURANCE COMPANY, Dubuque, Ia.

President, John Ellwanger; Secretary, N. J. Schrup; Assistant Secretary, S. F. Weiser. Organised, 1883.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,642,995	\$972,048	\$408,623	\$310,943	\$894,604	\$449,081	\$40,000	\$340,968	\$830,049	\$439,063
1913	1,573,730	908,373	404,243	791,271	869,399	387,462	40,000	334,803	762,265	375,074
1912	1,469,327	823,912	388,766	741,994	814,741	346,680	40,000	310,362	697,042	329,953
1911	1,355,021	760,728	341,438	714,254	786,413	376,169	40,000	302,485	718,654	353,739
1910	1,300,671	707,162	332,258	761,882	824,779	358,536	40,000	303,277	701,813	366,024

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$2,500	Losses unpaid	\$29,491
Mortgage loans	1,103,020	Unearned prems.	972,048
Bonds and stocks	311,660	Other liabilities	32,833
Cash	84,541		
Agents' balances	118,899	Total liabilities	\$1,034,372
Interest	22,375	Capital paid up	200,000
		Net surplus	408,623

Total assets..... \$1,642,995 Total..... \$1,642,995
Underwriting loss, \$41,361; investment profit, \$35,741.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$168,121,282; premiums thereon, \$1,849,403.

BUSINESS SINCE ORGANIZATION: Premiums received, \$8,223,073; losses paid, \$3,599,543; dividends declared, cash, \$553,000; stock, \$100,000.

REAL ESTATE OWNED: Consists of a frame building and lot 75 x 150 feet in Dubuque.

MORTGAGE LOANS: There are 332 loans, amounting to \$1,103,020, and secured by properties valued at nearly three times as much. Interest was overdue on 12 loans amounting to \$2,546. Most of the mortgages are upon Ill. and Iowa property, but there are also a number in S. D., N. D., Okla., Wis. and Minn. The loans are mostly for small amounts, but 10 being as large as \$10,000.

BONDS AND STOCKS OWNED:		Par	Market
Bonds.		Value.	Value.
Chicago Cy., Ry., 1 m., 1927, 5%		\$40,000	\$40,000
Chicago Ry. Co., 1927, 5%		25,000	24,750
Citizens Gas & E., 1926, 5%		2,500	2,400
Dubuque & Wis. Bldg., 1917, 5%		1,000	980
Dubuque Hotel		4,000	4,000
Midland Valley R. R., 1943, 5%		10,000	9,000
Milwaukee El. Ry. Lt., 1951, 5%		25,000	23,250
National Brick, 1915, 5½%		2,500	2,500
Pacific Tl & Tg., 1937, 5%		10,000	9,700

BONDS AND STOCKS OWNED.—Cont.		Par	Market
Bonds.—Cont.		Value.	Value.
Pacific Gas & El., 1942, 5%		\$20,000	\$17,200
U. S. Steel Corp., s. f., 1963, 5%		25,000	25,750
Westinghouse El. & Mfg., 1931, 5%		15,000	14,250
Yellowstone Irr. Dis. Rosebud, Mont., 1940, 6%		25,000	25,000

Stocks.			
Avery Co., Peoria, Ill., p.		10,000	6,200
Bank and Ins. Bldg., Dubuque, Ia.		10,000	10,000
Franklin Tr. & Sav. Bk., Chicago, Ill.		7,500	12,300
German American Sav. Bk., Dubuque, Ia.		10,000	12,700
German Sav. Bk., Dubuque, Ia.		25,000	31,250
Mason Cy. Ln. & Tr., Mason City, Ia.		5,000	6,250
U. S. Steel Corp. p.		30,000	33,000
United States Bk., Chicago, Ill.		1,000	1,180

Totals (book value \$305,512)..... \$303,500 \$311,660

MISCELLANEOUS: Paid-up capital increased in 1891 from \$25,000 to \$100,000; in 1905, increased by stock dividend to \$200,000; conflagration loss, 1914, Salem, \$91,573.

DIRECTORS: John Ellwanger, Maurice Connolly, N. J. Schrup, John Palen, C. J. Schrup, M. J. McCullough, Geo. W. Schrup.

FIELD MEN AND TERRITORY COVERED: J. R. Balsemeyer, State agent, O., and Mich.; W. R. McLeod, special agent, N. Y.; E. I. Crockett, State agent, Colo.; J. H. Harbeck, State agent, Wis. and Minn.; George N. Schrup, State agent, Ia. and Neb.; R. R. Stowell, State agent, Penn.; E. J. Weinfurth, State agent, Mo. and Okla.; J. H. Reed, special agent for Ind.; T. M. Hogan, special agent for Ill.; A. Paull & Son, general agents, W. Va.; W. L. Perrin & Son, general agents, N. Y. City; Clarence de Veuve, general agent, Cal., Ore. and Wash. The company operates in Alas., Cal., Colo., Ida., Ill., Ind., Ia., Md., Mass., Mich., Minn., Mo., Neb., N. Y., O., Okla., Ore., Pa., Utah, Wash., W. Va. and Wis.

EAGLE FIRE INSURANCE COMPANY, Newark, N. J.

President, E. M. Waldron; Secretary, Franklin W. Fort. Organized, 1913.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$390,525	\$52,796	\$116,265	\$87,501	\$104,580	\$21,576	\$12,000	\$44,826	\$78,202	\$32,067
1913	\$33,562	12,074	140,794	17,288	*164,043	2,054		9,732	11,786	2,124

* Includes \$144,000 surplus paid in.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$154,150	Losses unpaid	\$10,841
Bonds and stocks	190,800	Unearned premiums	52,796
Cash	12,904	Other liabilities	623
Agents' balances	17,932		
Interest	4,839		
		Total liabilities	\$64,260
		Capital paid up	200,000
		Net surplus	116,265
Total assets	\$390,525	Total	\$390,525

Underwriting loss, \$23,850; investment profit, \$15,994.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,121,905; premiums thereon, \$94,744.

BUSINESS SINCE ORGANIZATION: Premiums received, \$104,789; losses paid, \$23,327; dividends declared, cash, \$12,000.

MORTGAGE LOANS: There are 26 loans aggregating \$154,150, as property valued at \$358,720, the largest of which is \$18,000. The company holds \$152,550 of insurance on the mortgaged buildings. On Dec. 31, last, there was \$50 of interest past due.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Asbury Pl. N. J., sr., 1947, 4%	\$5,000	\$5,050
Asbury Pl. N. J., f., 1918, 5%	15,000	15,800
Bayonne, N. J., sr., 1928, 5%	5,000	5,350
C & O Ry., 1919, 5%	25,000	24,000
Easa Co., N. J., pk., 1949, 4%	5,000	4,900
Erie R. R., 1917, 5%	25,000	24,750
Gloster Co., N. J., bg., 1922, 4%	5,000	5,050
Gr. Harbortown Rights, N. J., imp. cts., 1917-18, 5%	4,000	4,045

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
Harlem R. & Portchester R. R., 1915, 5%	\$10,000	\$9,400
Jersey Cent. Tc., gn. m., 1954, 5%	1,000	880
Jersey City, N. J., sr., 1962, 4%	5,000	5,000
Bor. Little Falls, N. J., sr., 1920-24, 4%	12,000	12,130
Middlesex Co., N. J., bg., 1934-36, 4%	5,000	5,300
Newark, N. J., corp., 1930, 4%	5,000	4,950
N. Y., N. H. & H. R. R., n., 1915, 5%	10,000	9,700
South Amboy, N. J., sr., bg., 1923-27, 5%	5,000	5,210
Union Co., N. J., hosp., 1942, 4%	10,000	10,400
Union Twpshp., N. J., imp. ctd., 1915-16, 5%	8,095	8,095

STOCKS.

Hudson Co. Gas, Jersey Cy.	10,000	13,200
So. Jersey Gas, El. & Tc., Newark, N. J.	10,000	13,000
Bergen Co. Bank, Rutherford	4,000	5,200

Totals (book value, \$193,063)..... \$184,095 \$190,800

MISCELLANEOUS: This company commenced business in May, 1913, with a paid-up capital of \$100,000 and \$72,000 surplus; it was further increased in November, 1913, to \$200,000 and \$72,000 additional surplus added by cash subscriptions. It transacts a reinsurance business by treaty only throughout the U. S.

DIRECTORS: E. M. Waldron, J. F. Fort, I. A. Hall, Albert E. Howe, Paul Guenther, W. A. Baker, J. R. Hall, L. V. Aronson, F. H. Smith, C. Struppman, F. C. Stumpf, V. E. Downer, P. S. Van Kirk, Edgar Sergeant.

EASTERN FIRE INSURANCE COMPANY, Concord, N. H.

President, Charles L. Jackman; Secretary, F. T. Jackman. Organized, 1905.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$46,762	\$5,741	\$11,021	\$6,317	\$8,327	\$2,386	\$3,100	\$1,603	\$6,089	\$2,386
1913	44,957	4,779	10,178	5,611	7,583	1,708	1,600	1,138	4,446	1,708
1912	24,557	4,249	10,308	4,785	7,291	2,016	3,000	1,428	6,177	2,007
1911	24,334	4,077	10,258	4,562	6,311	1,466	6,000	936	8,402	1,466
1910	25,706	4,064	12,642	4,548	5,939	1,182	800	826	2,808	1,182

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$32,737	Unearned premiums	\$5,741
Cash	13,970	Total liabilities	\$5,741
Agents' balances	55	Capital paid up	30,000
		Net surplus	11,021
Total assets	\$46,762	Total	\$46,762

RISKS AND PREMIUMS: Fire risks in force, December 31, \$765,207; premiums thereon, \$10,719.

BUSINESS SINCE ORGANIZATION: Premiums received, \$42,241; losses paid, \$12,074; dividends declared, cash, \$15,550.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Adelphi Ry. L. & Pr Co., 5%	\$1,000	\$900
Two Name Note	1,500	1,500
Southern Pacific, 5% bond	500	505
Accia Gas & El., 5%	1,000	985
Maine Ry., note	1,000	1,000

STOCKS.

Nat. State Cap. Bank, Concord	500	1,250
Mackay Companies, p.	500	395
Mackay Companies, c.	500	395
United Fruit	800	1,177

BONDS AND STOCKS OWNED.—Cont.

Stocks.	Par Value.	Market Value.
United States Steel Corp. Co.	\$500	\$308
Boston & Maine R. R.	3,000	1,035
N. Y., N. H. & H. R. R.	5,500	3,575
Southern Pacific R. R.	2,500	2,413
Illinois Central R. R.	1,000	1,127
American Express	500	500
Western Union Telegraph	2,800	1,596
American Agricultural Chem., p.	1,000	935
American Locomotive	1,000	990
Northern Securities	160	160
American Sugar Refining	3,500	3,675
Home Realty	1,000	750
Northern Pacific Ry.	2,500	2,769
Chicago & Northwestern Ry.	2,500	3,250
Great Northern Ry.	1,300	1,609
Totals	\$31,500	\$32,737

MISCELLANEOUS: This company is under the same management as the Capital Fire of Concord and the New England Underwriters' Agency. It transacts a reinsurance business at the home office only. Capital increased in 1913 from \$10,000 to \$30,000 by issuance of new stock.

DIRECTORS: Charles L. Jackman, Fred W. Cheney, Freeman T. Jackman, J. E. Fernald, F. L. Dole and I. M. Savage.

EASTERN FIRE INSURANCE COMPANY, Atlantic City, N. J.

President, David Fitzsimons; Secretary, J. Haines Lippincott; Assistant Secretary, F. L. Bosworth. Organized, 1892.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$275,752	\$16,807	\$57,877	\$23,913	\$38,588	\$3,712	\$10,000	\$9,922	\$23,534	\$3,432
1913	284,870	15,176	48,736	21,779	35,613	2,803	8,000	8,612	19,415	2,998
1912	280,112	12,274	36,674	19,093	31,239	4,037	8,000	9,063	21,120	1,077
1911	248,742	4,912	26,899	54,599	172,355	112,597	.....	39,075	151,672	71,723
1910	439,889	169,669	10,457	277,114	1308,386	148,726	.....	112,566	261,292	135,105

† Includes \$7,800 advance payments on sale of new stock.

‡ Excluding \$28,807 borrowed money and \$48,061 commissions on reinsurance.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$169,550	Losses unpaid.....	\$12
Bonds and stocks.....	78,349	Unearned premis.....	16,807
Loans on Atl., S. D., & Tr. Co. stock, value \$17,550.....	7,500	Other liabilities.....	1,056
Cash.....	10,938	Total liabilities.....	\$17,875
Agents' balances.....	5,330	Capital paid up.....	200,000
Interest.....	4,056	Net surplus.....	57,877
Total assets.....	\$275,752	Total.....	\$275,752

Underwriting profit, \$5,268; investment profit, \$14,557.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,079,773; premiums thereon, \$33,792.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,674,723; losses paid, \$1,082,047; dividends declared, cash, \$66,000.

MORTGAGE LOANS: There are loans aggregating \$169,550, protected by improved real estate, mostly in Atlantic City, valued at \$331,650. Company holds \$123,500 fire insurance on the mortgage buildings. Interest past due Dec. 31, last, \$183.

BONDS OWNED:		Par Value.	Market Value.
Atlantic City El., 1933, 5%.....		\$3,000	\$2,910
Essex Co., N. J., bg., 1924, 4%.....		10,000	9,900
Fort Lee, N. J., f., 1938, 5%.....		2,500	2,600
Hudson Co., N. J., plank rd. bg., 1924, 4%.....		5,000	4,900
Hudson Co., N. J., 1924, 4%.....		5,000	4,900

BONDS OWNED.—Cont.		Par Value.	Market Value.
Kearny, N. J., pav., 1922, 4½%.....		\$2,000	\$2,020
Longport, N. J., bdwk. imp., 1936, 4%.....		3,500	3,254
New Jersey Gas, 1 m., g., 1940, 5%.....		4,000	3,200
Ocean City, N. J., sc., 1942, 5%.....		7,000	7,250
Pleasantville, N. J., sc. dist., 1917-22, 4%.....		12,500	12,375
Salem, N. J., st. imp., 1919, 3½%.....		8,000	7,760
Union Township, N. J., sc., 1920-22, 4½%.....		3,000	3,060
Ventnor Cy., N. J., wat., 1938, 5%.....		600	624
Ventnor Cy., N. J., sr., 1938, 5%.....		500	512
Ventnor Cy., N. J., sc., 1919, 5%.....		5,000	5,050
Woodbury, N. J., 1931-33, 4½%.....		5,000	5,050
Totals (book value, \$75,163).....		\$76,600	\$74,713

MISCELLANEOUS: This company began business with a surplus of \$300,000. Capital increased in 1904 from \$100,000 to \$200,000 by transfer of \$100,000 from surplus, and in 1909 to \$207,067. Capital reduced in 1910 to \$200,000. This company re-insured all of its outstanding risks in 1911 and continued business operations only in N. J. Confagration losses: Baltimore, 1904, \$6,250; San Francisco, 1905, \$99,467. Value of deposit with N. J. insurance department, \$103,850.

DIRECTORS: J. Haines Lippincott, David Fitzsimons, D. W. Myers, W. E. Edge, W. F. Wahl, W. J. Busby, L. B. Ryan, John C. Slape, Hubert Somers, D. L. Collins, Jos. Schwartz, E. E. Seeler, C. I. Burkhard, H. W. Leeds, J. T. Bew, H. E. Tietjen, J. B. Slack, Jos. Marvel, C. P. Tilton, C. E. Schroeder.

TERRITORY COVERED: Operates in New Jersey only, though company is also licensed in N. Y. and Pa.

EASTERN SHORE OF VIRGINIA FIRE INSURANCE COMPANY, Keller, Va.

President, E. T. Powell; Secretary, L. C. Mears. Organized, 1906.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$132,787	\$35,432	\$66,096	\$32,834	\$37,301	\$9,327	\$6,165	\$9,231	\$24,723	\$9,338
1913	114,594	34,308	44,148	31,196	35,199	8,193	.....	4,151	19,349	8,198
1912	89,397	32,024	36,268	32,179	35,848	6,568	.....	10,155	16,447	6,568
1911	73,043	26,637	23,662	25,907	28,624	12,312	.....	10,082	22,394	10,762
1910	67,967	26,716	18,921	25,333	28,008	9,345	.....	8,525	17,869	10,394

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$1,500	Losses unpaid.....	\$89
Mortgage loans.....	79,250	Unearned premiums.....	35,432
Accomac Co., Bds.....	10,069	Other liabilities.....	5,005
Cash.....	2,315	Total liabilities.....	\$40,526
Agents' balances.....	36,065	Capital paid up.....	26,715
Interest and rents.....	1,787	Net surplus.....	66,096
Other assets.....	1,801		
Total assets.....	\$132,787	Total.....	\$132,787

REAL ESTATE OWNED: The home office valued at \$1,500.

MORTGAGE LOANS: These loans aggregate \$73,250 and

are protected by improved real estate situated for the most part in Accomac and Northampton Counties, Va.

MISCELLANEOUS: This company was incorporated in February, 1906. It has a subscribed capital of \$102,750, of which \$20,550 is paid in, the company holding notes for \$81,000 and having outstanding subscription accounts aggregating \$1,200. Company transacts business only in Va.

DIRECTORS: S. W. Ames, Frank S. Smith, J. S. Bull, Dr. J. W. Bowdoin, J. W. Barnes, J. H. Hopkins, L. F. Nock, S. T. Johnson, J. W. Chandler, Dr. T. J. Wilkins, Otho F. Mears, W. M. Upshur, F. B. Bell, S. D. Rulon, Frank Parsons, Jr., E. T. White, T. W. Blackstone, E. T. Powell, P. B. Tankard, J. B. Jones, Dr. W. L. Dalby.

EQUITABLE FIRE INSURANCE COMPANY, Charleston, S. C.

President, David Huguenin; Secretary, W. G. Maszyk; Assistant Secretary, R. F. Touhey. Organized, 1895.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$403,023	\$106,284	\$82,840	\$108,567	\$127,719	\$67,962	\$14,000	\$44,680	\$126,642	\$65,84
1913	401,740	116,314	72,134	133,122	151,297	83,023	14,000	54,416	151,439	81,04
1912	401,432	120,313	67,410	141,014	158,906	61,104	15,000	55,917	132,051	63,54
1911	378,007	108,690	63,878	124,431	141,370	58,772	20,723	49,475	128,970	49,84
1910	361,511	96,398	50,969	119,718	132,831	71,694	11,665	44,503	127,862	69,74

EQUITABLE FIRE INSURANCE COMPANY, Charleston, S. C.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$20,000	Losses unpaid.....	\$8,477
Mortgage loans.....	40,370	Unearned premiums.....	108,284
Bonds and stocks.....	235,765	Other liabilities.....	8,422
Collateral loans.....	62,440		
Cash.....	17,772	Total liabilities.....	\$120,183
Agents' balances.....	22,444	Capital paid up.....	200,000
Interest and rents.....	1,932	Net surplus.....	82,840
Other assets.....	2,290		
Total assets.....	\$403,023	Total.....	\$403,023

Underwriting profit, \$6,537; Investment profit, \$18,168.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$11,038,671; premiums thereon, \$213,461.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,339,413; losses paid, \$931,273; dividends declared, cash, \$164,131.

REAL ESTATE OWNED: Comprises a 2-story brick office building and a 2 and 3-story brick warehouse (the book value of which is \$15,883). The rents last year aggregated \$1,515 and the taxes and expenses \$660.

MORTGAGE LOANS: There are 11 loans, aggregating \$40,370, secured by first liens on Charleston dwelling properties. The mortgaged premises are valued at \$111,000, and the company holds \$49,500 of insurance on the buildings. There was no interest past due on December 31, last.

COLLATERAL LOANS: There are loans aggregating \$62,440 as securities valued at \$127,010.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Alberville, S. C., 5%.....		\$1,500	\$1,530
Likes, S. C., 4½%.....		5,000	5,000
Anderson, S. C., 6%.....		1,000	1,030
Asheville, N. C., 4%.....		5,000	4,800
Atlanta, Ga., 4%.....		6,000	5,700
Atlanta, Ga., 4½%.....		5,000	5,150
Baton, S. C., 5%.....		5,000	5,100
Bennettsville, S. C., 5½%.....		3,000	3,120
Charleston, S. C., 4%.....		50,000	49,250
Charleston, S. C., 4½%.....		5,000	5,150
Charlottesville, Va., 4½%.....		5,000	5,000
Cheney, S. C., 5%.....		6,500	6,630

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Columbia, S. C., 4½%.....		\$5,000	\$5,100
Edgefield, S. C., 5%.....		5,000	5,050
Florence, S. C., 5%.....		3,000	3,050
Georgia, 3½%.....		10,000	9,800
Greenville, S. C., 6%.....		8,500	8,905
Greenville, S. C., 4½%.....		8,500	8,300
Greensboro, N. C., 4%.....		5,000	4,550
Lynchburg, Va., 4%.....		5,000	4,700
Macon, Ga., 4%.....		5,000	4,900
Mobile, Ala., 4½%.....		10,000	10,000
Montgomery, Ala., 4½%.....		5,000	5,000
Newberry, S. C., 4½%.....		1,000	1,000
New Orleans, La., 4%.....		10,000	9,400
New York City, 4%.....		10,000	10,000
Norfolk, Va., 4%.....		9,000	8,450
Roanoke, Va., 4½%.....		5,000	5,000
Rome, Ga., 4%.....		6,000	5,700
Spartanburg, S. C., 4%.....		5,000	4,900
Sumter, S. C., 4½%.....		5,000	5,025
Wilmington, N. C., 5%.....		3,000	3,080
Wilmington, N. C., 4%.....		1,000	950
Wilmington, N. C., 4½%.....		4,000	4,000

STOCKS.

Ex. Bk. & Tr., Charleston, S. C.....	500	1,025
Planters Fert. & Phos., Charleston, S. C.....	500	800
Parker Cotton Mills, 7%, Greenville, S. C.....	10,000	9,500

Totals (book value, \$239,030)..... \$238,000 \$235,765

MISCELLANEOUS: Paid-up capital increased in 1896 from \$35,170 to \$108,945; in 1897 to \$117,500; in 1898, \$117,800; in 1909 to \$168,500, and in 1910 to \$200,000. Confagration loss: Baltimore, 1904, \$35,512.

DIRECTORS: F. Q. O'Neill, Philip H. Gadsden, B. I. Simmons, Sam'l Lapham, W. P. Carrington, A. B. Murray, Francis J. Pelser, J. H. C. Wulbern, E. H. Pringle, D. Huguenin, J. Ross Hazanahan.

FIELD MEN AND TERRITORY COVERED: T. J. Ingram, general agent for Va., Lynchburg, Va.; J. C. Noble, Charleston, S. C., special agent for S. C. and N. C.; W. E. Gantt, Jr., special agent for Ga., Charleston, S. C. The company operates in Ga., N. C., S. C. and Va.

EQUITABLE FIRE AND MARINE INSURANCE COMPANY, Providence, R. I.

President, F. W. Arnold; Vice-Presidents, Edward Milligan and John B. Knox; Secretary, Samuel G. Howe. Organized, 1859.

Year.	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$988,576.	\$243,535	\$204,204	*\$335,802	\$380,055	*\$192,557	\$24,000	\$140,836	\$357,393	\$178,239
1913	960,525	206,349	264,279	343,237	389,877	222,768	24,000	167,877	415,340	214,908
1912	1,162,837	256,829	258,206	463,761	542,935	328,185	.....	208,262	531,547	318,741
1911	1,274,375	800,815	238,921	399,110	424,377	574,938	12,000	194,122	781,060	527,709
1910	1,374,504	768,083	96,260	932,257	989,586	657,401	24,000	388,618	970,919	864,537

* Includes \$80 marine premiums and 1923 marine losses.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$101,180	Losses unpaid.....	\$36,564
Mortgage loans.....	112,800	Unearned premiums.....	243,535
Bonds and stocks.....	718,668	Other liabilities.....	4,173
Cash.....	5,710		
Agents' balances.....	2,379	Total liabilities.....	\$284,272
Interest and rents.....	9,027	Capital paid up.....	400,000
		Net surplus.....	204,304
Total.....	\$949,754		
Ppl. dep. over liab.....	61,178		
Total assets.....	\$888,576	Total.....	\$888,576

Underwriting loss, \$17,551; investment profit, \$42,753.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,256,612; premiums thereon, \$484,405.

BUSINESS SINCE ORGANIZATION: Premiums received, \$15,755,496; losses paid, \$10,491,727; dividends declared, cash, \$889,509.

REAL ESTATE OWNED: The principal item is the company's home office building at Weybosset and Custom House sts., Providence. This is a 5-story iron front building, valued at \$99,000, mostly occupied by the company, the remainder being well rented. The other properties are 2 dwellings in Providence.

MORTGAGE LOANS: There are 30 loans, amounting to \$112,800, and ranging from \$100 to \$18,000, but few exceeding \$3,000. No mortgages are in process of foreclosure, and all are first liens. The securities for these loans are valued at \$373,850, and the company holds \$123,300 of insurance on the mortgaged buildings.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Imperial Japanese Gt., 2 Ser., 1925, 4½%.....		\$9,750	\$8,970
Boston, 1915, 4%.....		25,000	25,000
East Prov., R. I., Fire Dis., 1932, 4½%.....		13,000	13,130
Fort William, Ont., 1942, 5%.....		24,333	23,118
Macon, Ga., 1930, 4½%.....		10,000	10,000
State of Mass., reg., 1941, 3%.....		50,000	42,000
State of Mass., c., 1941, 3%.....		15,000	12,800
New York, 1908, 4%.....		25,000	26,080
Providence, R. I., 1928, 3½%.....		25,000	23,780
Providence, R. I., 1929, 3%.....		5,000	4,450
Richmond, Va., 1945, 4%.....		20,000	18,600
Stratford, Ont., 1942, 4½%.....		25,000	24,250
Woonsocket, R. I., 1923, 4%.....		10,000	9,800
Woonsocket, R. I., 1927, 4½%.....		25,000	26,500
Balt. & O. R. R., So. div., 1925, 3½%.....		10,000	9,100
Boston & Albany R. R., eq. tr., 1919, 4½%.....		25,000	25,000
Bridgeport Tc., 1923, 5%.....		5,000	5,100

EQUITABLE FIRE AND MARINE INS. CO., Providence, R. I.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
BONDS.—Cont.		Value.	Value.
Chi. Ry., ser. B., 1927, 5%.....	\$5,000	\$3,950	
Col., O., St. R. R., 1932, 5%.....	5,000	4,950	
Denver City, Timway, 1933, 5%.....	5,000	4,350	
Detroit El. Ry., 1916, 5%.....	5,000	4,600	
East St. L. Sub., 1932, 5%.....	5,000	4,700	
Ga. Ry. & El., 1932, 5%.....	5,000	5,050	
Lehigh Val. Tm., 1941, 5%.....	5,000	5,550	
Mill. El. Ry. & L., 1926, 5%.....	10,000	10,300	
N. Y. C. & H. R., 1936, 3 1/2%.....	10,000	7,700	
N. Y., N. H. & H. R. R., d. ca., 1948, 6%.....	30,000	31,800	
N. P. & Gt. N. R. R., C., B. & Q., 1921, 4%.....	35,000	33,950	
R. I. & Sub. R. R., 1950, 4%.....	5,000	4,200	
Un. Tc. & El., Prov. & Pawt., 1933, 5%.....	3,000	3,000	
Utica & Mohawk Val. St. Ry., 1941, 4 1/2%.....	5,000	4,700	
Clev. El. Illum., 1939, 5%.....	3,000	3,080	
Detroit Edison, 1933, 5%.....	5,000	5,150	
Grand Rapids Gas Lt., 1915, 5%.....	5,000	5,000	
N. Y. Tl., 1939, 4 1/2%.....	5,000	4,900	
Pac. Tl. & Tg., 1937, 5%.....	5,000	4,650	
Pawtucket El., 1916, 5%.....	3,000	2,150	
Un. Steel, 1932, 5%.....	5,000	5,850	
Un. El. Lt. & Pow. of Balt., 1929, 4 1/2%.....	5,000	4,970	
Utica El. Lt. & Pow., 1950, 5%.....	5,000	5,200	
STOCKS.			
Chi. Gt. W. R. R., p.....	11,000	4,180	
Ill. Cen. R. R.....	18,800	18,816	
N. Y. C. & H. R. R.....	16,000	14,400	
N. Y., N. H. & H. R. R.....	20,000	11,000	
Pa. R. R.....	27,500	30,525	
Un. Tc. & El.....	20,000	19,400	
Blackstone Can. Nat. Bk.....	12,500	18,500	
Industrial Tr.....	3,000	7,110	
Mechanics Nat. Bank.....	5,000	6,000	
Nat. Bank of Comm.....	15,000	21,300	
Gn. Adj. Bur. of N. Y.....	300	300	
Narragansett El. Lt., Prov.....	7,500	12,750	
Narragansett El. Lt., Prov., d.....	2,500	3,750	
Providence Gas.....	35,500	69,580	
Providence Tl.....	1,950	3,900	
Southern Adj. Bur.....	100	100	
Underwriters Sllvg., Chi.....	1,000	1,000	

BONDS AND STOCKS OWNED.—Cont.		Par	Market
STOCKS.—Cont.		Value.	Value.
Underwriters Sllvg., N. Y.....	\$500	\$5750	
Western Adj. & Insp. of Chi.....	100	200	
Totals (book values, \$696,883).....	\$692,333	\$718,658	

MISCELLANEOUS: Capital increased in 1881 from \$200,000 to \$300,000, and in 1899 from \$300,000 to \$400,000. Confession losses: Boston, 1872, \$305,000; Baltimore, 1904, \$121,298; San Francisco, 1906, \$264,750. Value of deposit with R. I. Ins. Dept., \$42,000; in Ga., \$10,000; in Va., \$18,600; in Can., \$110,936. Equitable Securities Co., of Hartford owns a majority of the stock of this company.

DIRECTORS: Fred W. Arnold, Julius Palmer, Herbert F. Hinkley, H. Martin Brown, Cyrus M. Van Slyck, George B. Smith, Charles A. Morgan, Edward Milligan, John B. Knox, Robert L. Spencer, Thomas C. Temple, Parker Braman, Geo. L. Graw, George M. Lovejoy, Edward M. Day.

FIELD MEN AND TERRITORY COVERED: Lovejoy and Spear, managers Western department, Hartford, Conn. General agents: John J. McKay, Macon, Ga., for Ga., Fla. and Ala.; J. L. Price, New Orleans, La. for La. and Miss.; Gerald L. Schuyler, Denver, Colo., for Colo.; Special agents: F. C. Burrill, Portland, Me., for Me. and N. H.; Clarence H. Senter, Hartford, Conn., F. B. Luce, Boston, Mass., for Boston Metropolitan District and R. I.; James Hutchison, Hartford, Conn., for Conn and Mass.; J. W. Friend, Petersburg, Va., for Va., G. W. Robertson, Augusta, Ga., for N. C.; W. H. A. Munns, Syracuse, N. Y., for N. Y.; Walter G. Kent, Philadelphia, Pa., for Easton, Pa., N. J., Del., Md. and D. C.; Black & Woolman, Philadelphia, Pa., for Western Pa.; A. N. Evans, Columbus, O., for O., W. Va. and Ind.; Robert C. Homer, Chicago, Ill., for Ill.; Roy E. Eblen, State agent, St. Louis, Mo., for Mo.; W. H. Young, State agent, Kansas City, Mo., for Kan.; C. H. Luce, Detroit, Mich., State agent and W. C. Cadwallader, Owosso, Mich., and Dudley H. Luce, Lansing, Mich., special agents for Mich.; G. W. Holton, Des Moines, Ia., State agent; J. F. Dale, Omaha, Neb., State agent; B. F. Weiszel, Louisville, Ky., State agent for Ky. and Tenn.; S. Herdegen, State agent for Wis. Milwaukee, Wis.; M. A. Freedy, Milwaukee, Wis., special agent for Wis.; B. K. Cowles, Minneapolis, Minn., State agent for Minn. The company operates in all the States and Territories of the United States except Alas., Ariz., Ark., Nev., N. M., N. D., Okla., S. C., S. D. and Tex.

EQUITY FIRE INSURANCE COMPANY, Kansas City, Mo.

President, E. G. Rowley; Secretary, C. T. Hinkle; Manager, Bruce Dodson. Organized, 1909.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$238,343	\$35,631	\$108,967	\$42,907	\$57,001	\$5,349	\$6,000	\$18,013	\$24,362	\$7,649
1913	207,447	25,444	78,602	44,033	52,671	7,967	6,000	12,616	26,583	8,467
1912	181,369	26,745	51,995	45,659	52,823	29,983	6,000	13,639	49,622	26,983
1911	178,149	26,525	45,602	45,498	53,513	12,103	6,000	15,649	33,752	15,102
1910	168,530	25,634	30,894	50,612	56,837	13,399	6,000	17,235	36,634	12,149

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$13,000	Losses unpaid.....	\$2,800
Bonds and stocks.....	181,369	Unearned premiums.....	25,681
Collateral loans.....	2,000	Other liabilities.....	5,945
Cash.....	31,740	Total liabilities.....	\$34,376
Agents' balances.....	9,170	Capital paid up.....	100,000
Interest and rents.....	911	Net surplus.....	103,967
Other assets.....	163		
Total assets.....	\$238,343	Total.....	\$238,343

Underwriting profit, \$24,974; investment profit, \$9,294.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,583,783; premiums thereon, \$51,081.

BUSINESS SINCE ORGANIZATION: Premiums received, \$357,613; losses paid, \$70,518; dividends declared, cash, \$30,000.

MORTGAGE LOANS: There are 3 loans aggregating \$13,000, secured by improved Kansas City property worth \$83,340. There was no interest paid due on December 31, last. Company holds \$27,000 of insurance on the mortgaged buildings.

COLLATERAL LOAN: There is one loan of \$2,000, secured by a deed of trust on a lot in Clemens Place, St. Louis, Mo.

BONDS AND STOCKS OWNED:		Par	Book
Bonds.		Value.	Value.
Kansas Cy., Mo., ss.....	\$50,000	\$50,000	
Cash Co., Mo.....	10,000	10,000	

BONDS AND STOCKS OWNED.—Cont.		Par	Book
BONDS.—Cont.		Value.	Value.
St. Louis, Mo.....	\$10,000	\$10,000	
Chicago, Ill.....	10,000	10,000	
Kansas Cy., Mo., wat.....	11,000	10,990	
Jackson Co., Mo., ss.....	2,500	2,555	
Ruemmel-Braun Co.....	6,000	6,000	
Sangamon Co., Ill., ss.....	5,000	4,846	
Salt Lake City, ss.....	2,000	1,783	
Aurora, Ill., r.....	9,000	8,866	
State of Louisiana, Port Comm.....	2,000	2,020	
Kansas City, Mo., Pk. f. cuts.....	31,549	31,549	

STOCKS.		Par	Book
City Ice & Storage, Kansas Cy., Mo.....	28,900	20,000	
State Bank of Kansas Cy., Mo.....	5,000	6,750	
Peet Bros. Mfg. Co., Kansas Cy., Mo., p.....	3,500	3,500	
Peet Bros. Mfg. Co., Kansas City, Mo.....	2,500	2,500	
Totals.....	\$188,949	\$181,355	

MISCELLANEOUS: This company was organized and commenced business early in 1909 with a paid up capital of \$100,000 and a net cash surplus of \$10,000. It operates only in Mo.

DIRECTORS: Bruce Dodson, E. R. Rankin, E. Sinclair, J. W. Carance, A. L. Dodson, E. G. Rowley, C. T. Hinkle, R. F. Gilkeson, A. Hice

EUREKA FIRE AND MARINE INSURANCE COMPANY, Cincinnati, O.

President, F. A. Rothier; Secretary, Adam Benus; Assistant Secretary, F. C. Barton. Organized, 1864.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$388,472	\$131,148	\$143,254	\$114,804	\$131,036	\$34,067	\$8,000	\$55,850	\$97,907	\$34,993
1913	363,535	121,069	130,002	106,252	121,653	45,800	8,000	49,311	102,911	45,496
1912	364,493	120,743	133,954	102,057	118,427	41,877	8,000	49,513	99,390	39,194
1911	363,240	120,515	129,241	102,529	117,263	53,637	8,000	49,162	110,799	47,500
1910	362,772	123,822	115,434	115,301	130,282	70,660	8,000	61,145	139,805	71,189

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$5,000	Losses unpaid.....	\$6,702
Bonds and stocks.....	332,613	Unearned premiums.....	131,148
Collateral loans.....	500	Other liabilities.....	7,368
Cash.....	29,484	Total liabilities.....	\$145,218
Agents' balances.....	19,942	Capital paid up.....	100,000
Interest and rents.....	933	Net surplus.....	143,254
Total assets.....	\$388,472	Total.....	\$388,472

RISKS AND PREMIUMS: Fire risks in force, December 31, \$26,473,406; premiums thereon, \$251,457.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,577,590; losses paid, \$2,515,617; dividends declared, cash, \$402,000.

REAL ESTATE OWNED: Consists of the Produce Alley Fruit House, book value, \$8,061, carried at \$5,000.

COLLATERAL LOANS: There is one loan of \$500 on Early & Daniels, prof. stk., the market value of which is \$700.

BONDS AND STOCKS OWNED:		Par Value	Market Value
BONDS.			
McAlister, Okla., wat. & sr., 1933, 5%.....	\$7,000	\$7,770	
Munroe, Okla., se., 1923, 5%.....	5,000	5,250	
Socorro, N. M., wat., 1917, 5%.....	13,500	13,635	
Canton, Okla., wat. wks., 1927, 5%.....	1,000	1,062	
Pawnee, Okla., se. dis., 1922, 6%.....	5,000	5,512	
Cleveland, Okla., sr., 1936, 6%.....	2,000	2,296	
Puritan, N. M., wat., 1939, 6%.....	2,000	2,278	
Durant, Okla., wat. wks., 1927, 5%.....	2,000	2,141	
Flagstaff, Ariz., wat. wks., 1928, 6%.....	1,000	1,060	
Phoenix Un. H. Dis., Ariz., 1930.....	1,000	1,021	
Maricopa, Ariz. Ter. se. dis., 1931, 5%.....	5,000	5,437	
McAlister, Okla., se., 1937, 5%.....	3,000	3,255	

BONDS AND STOCKS OWNED.—Cont.		Par Value	Market Value
Stocks.			
2nd Nat. Bk.....	\$5,000	\$5,250	
1st Nat. Bk.....	17,500	34,125	
Cin. Int-Tm. R.R. gr. 1 p.....	8,000	7,520	
Col. & Xenia R.R.....	2,350	4,794	
Cin. St. Ry.....	25,600	26,880	
Clev. & Pitta. R.R.....	15,000	24,300	
Cin. Gas & El.....	44,300	29,681	
53rd Nat. Bk.....	11,000	20,900	
Citizens Nat. Bk.....	7,000	13,300	
German Nat. Bk.....	5,500	16,500	
Sec. Ins.....	28,500	34,200	
Atlas Nat. Bk.....	1,000	3,250	
Little Miami R.R.....	2,500	5,125	
Cin. Tob. Wareh. 1 p.....	2,600	1,040	
4th Nat. Bk.....	4,000	10,800	
Farm. & Shippers Leaf Tob. Wareh. 1 p.....	2,500	2,550	
Odd Fellows Temple.....	1,000	1,000	
Girard Nat. Bk. Stk.....	4,200	14,070	
Nat. Bk. of Com.....	6,000	10,200	
Cin., Newpt & Cov. Lt. & Te. com. stk.....	3,500	2,975	
Scioto Val. Te.....	2,500	2,531	
1st Nat. Bk., Norwood.....	2,300	3,979	
West. Adj. & Insp.....	100	200	
Chamber of Com. cfs.....	200	90	
Ohio Te., p.....	8,000	6,400	
Cin., N. O. & Tex. Pac. R.R., p.....	1,200	1,236	
Totals (book value, \$326,658).....	\$258,850	\$332,612	

DIRECTORS: Geo. Slimer, W. B. Carpenter, Matthew Ryan, Michael Ryan, F. A. Rothier, Adam Benus, C. C. Rothier.

FIELD MEN AND TERRITORY COVERED: H. C. Klock-siem, State agent, Lansing, Mich., for Mich.; Rollin B. Heaton, Salem, O., and Chas. Benus, Cincinnati, O., special agents for O. This company operates in Ill., Mich. and O.

FACTORS AND TRADERS INSURANCE COMPANY, Mobile, Ala.‡

President, Ferd. Forchheimer; Vice-President, C. P. Dumas; Secretary, Jack F. Ross; Assistant Secretary, Joe F. Bullock. Organized, 1870.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$316,580	\$8,556	\$156,630	\$113,905	\$27,878	\$1,231	\$15,000	\$10,702	\$26,932	\$1,231
1913	323,668	10,122	154,226	15,135	34,756	3,092	15,000	11,338	29,430	3,087
1912	315,900	9,254	155,240	12,635	29,204	375	15,000	10,068	25,447	378
1911	330,066	11,235	152,851	21,933	33,938	1,190	15,000	9,437	25,627	1,190
1910	324,792	10,476	151,316	30,722	42,024	2,081	15,000	9,958	27,043	2,085

* Includes \$2,820 marine premiums and \$121 marine losses.

‡ Transacts both fire and marine business.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$20,000	Unearned premiums.....	\$8,557
Mortgage loans.....	12,900	Other liabilities.....	2,393
Bonds and stocks.....	175,420	Total liabilities.....	\$10,950
Collateral loans.....	75,675	Capital paid up.....	150,000
Cash.....	10,060	Net surplus.....	55,630
Uncollected premiums.....	10,392		
Interest and rents.....	520		
Other assets.....	11,613		
Total assets.....	\$316,580	Total.....	\$316,580

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,034,875; premiums thereon, \$17,042.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,041,612; losses paid, \$323,628; dividends declared, cash, \$537,964.

REAL ESTATE OWNED: Company's home office building, book value, \$7,500; market value in excess of that amount. Net revenue to the company, \$200.

MORTGAGE LOANS: There are 7 loans aggregating \$12,900, and are protected by improved real estate in Mobile, Ala., valued

at \$25,800. The company holds \$14,400 of insurance on the buildings.

COLLATERAL LOANS: These loans, aggregating \$75,675, are all well secured by securities whose market value is \$88,904.

BONDS OWNED:		Par Value	Market Value
State of Ala.....	\$110,000	\$102,300	
State of Ala., f.....	28,500	28,500	
State of Ala., reg.....	10,000	10,100	
Mobile Lt. & Ry. Co., cs.....	10,000	10,000	
Mobile Lt. & Ry. Co., 1 m.....	5,000	5,100	
Battle House.....	23,000	13,800	
New York Ry., 5%.....	7,000	4,060	
New York Ry., 4%.....	2,000	1,560	
Totals.....	\$195,500	\$175,420	

DIRECTORS: A. G. Quina, C. P. Dumas, P. J. Lyons, Ferd. Forchheimer, M. P. Levy, R. A. Smith, L. Lyons, J. J. McPhillips, M. C. Altmayer.

TERRITORY COVERED: Mobile Co., Ala. only.

FARGO FIRE AND MARINE INSURANCE COMPANY, Fargo, N. D.

President, J. H. Wishek; Secretary, C. B. Thompson. Organized, 1912.

Assets, Dec. 31, 1913: Bills receivable, \$6,845; mortgage loans, \$17,500; loans on Fargo Und. Co., \$35,900; cash, \$946; other assets, \$125 total asset, \$61,016. Liabilities: Capital paid-up, \$63,000; net surplus, \$7,954; total, \$61,016.

MISCELLANEOUS: This company is not yet writing business but is expected to commence early this year.

FARMERS INSURANCE COMPANY, Cedar Rapids, Ia.

President, Ed. H. Smith; Secretary, C. N. Jenkins. Organized, 1880.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$943,893	\$601,130	\$119,381	\$420,829	\$495,183	\$295,240	\$20,000	\$203,522	\$518,762	\$279,121
1913	954,547	609,947	118,858	504,530	556,748	314,600	20,000	177,978	512,478	307,029
1912	914,044	569,607	116,224	394,729	444,392	197,170	20,000	197,000	410,170	194,905
1911	980,837	539,114	114,630	361,999	405,018	184,409	20,000	177,414	381,823	178,266
1910	971,439	537,040	111,995	329,077	414,014	133,934	20,000	158,536	312,470	139,942

† Includes notes for premiums.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$62,000	Losses unpaid	\$11,139
Mortgage loans	741,095	Unearned prem.	601,130
Cash	34,913	Other liabilities	12,243
Agents' balances	8,031		
Interest	13,612	Total liabilities	\$624,512
Other assets	84,241	Capital paid up	200,000
		Net surplus	119,381
Total assets	\$943,893	Total	\$943,893

Underwriting loss, \$54,577; investment profit, \$75,599.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$82,527,971; premiums thereon, \$1,502,824.

BUSINESS SINCE ORGANIZATION: Premiums received, \$10,994,891; losses paid, \$4,616,194; dividends declared, cash, \$615,500; stock, \$175,000.

REAL ESTATE OWNED: Company's home office building,

and other real estate carried at its book value, \$62,000; market value in excess of that amount. Net revenue to the company, \$3,225.

MORTGAGE LOANS: There are 160 mortgage loans, aggregating \$741,095 on first mortgages on Ia. farm and Cedar Rapids real estate property worth about three times the amount loaned thereon. There is no interest past due, and the company holds policies on the buildings amounting to \$181,330.

MISCELLANEOUS: Company declared a \$75,000 stock dividend in 1880, and in 1909 transferred \$100,000 from surplus to capital account, thereby increasing the capital from \$100,000 to \$200,000.

DIRECTORS: Ed. H. Smith, John B. Henderson, Isaac B. Smith, Norman E. Smith, C. N. Jenkins.

FIELD MEN AND TERRITORY COVERED: Special agents, C. W. Hook, F. S. Snyder, Cedar Rapids, Ia., D. H. Criley, Ottumwa, Ia.; W. M. Hotchkiss, Sioux Falls, S. D.; P. K. Walsh, Humboldt, Neb.; adjusters, D. M. Kelley, E. H. Finkel, J. H. Merritt, Cedar Rapids, Ia. The company operates in Ia., Neb. and S. D.

FEDERAL INSURANCE COMPANY, Jersey City, N. J.

President, Percy Chubb; Secretary, M. Grundner. Organized, 1901.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$3,505,127	\$567,486	\$1,204,742	\$1,621,298	\$1,749,570	\$758,590	\$120,000	\$635,466	\$1,514,056	\$934,824
1913	3,294,677	611,144	1,135,054	1,363,246	1,482,053	572,763	100,000	648,436	1,321,199	634,551
1912	3,273,124	615,135	958,394	1,467,971	1,575,284	688,543	100,000	619,093	1,407,636	656,745
1911	3,106,931	572,968	924,160	1,189,878	1,298,247	334,457	80,000	543,197	957,654	363,283
1910	2,759,276	541,784	593,150	1,332,383	1,421,253	653,556	80,000	492,207	1,225,763	641,135

† Transacts marine business.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans	\$30,000	Losses unpaid	\$588,165
Bonds and stocks	2,650,280	Unearned prem.	567,486
Cash	504,837	Dividends	60,000
Agents' balances	301,443	Other liabilities	84,734
Interest	34,133		
		Total liabilities	\$1,300,385
Total	\$3,529,673	Capital paid up	1,000,000
Spl. dep. over liab.	24,546	Net surplus	1,204,742
Total assets	\$3,505,127	Total	\$3,505,127

Underwriting profit, \$54,375; investment profit, \$159,859.

RISKS AND PREMIUMS: Marine and inland risks in force, \$96,462,791; premiums thereon, \$1,063,364.

BUSINESS SINCE ORGANIZATION: Premiums received, \$15,166,868; losses paid, \$7,586,067; dividends declared, cash, \$900,000.

MORTGAGE LOAN: The mortgage of \$30,000 is secured by 7 St. Marks place, Borough of Manhattan, N. Y., valued at \$45,000. Principal and interest guaranteed by Lawyers Mtg. Co.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Camden Co., N. J., rd. imp., 1931, 4½%	\$5,000	\$5,200
Cuba, Rep., ext. loan, 1944, 5%	25,000	25,250
Cuyahoga Co., O., bg., 1922, 5%	12,000	12,480
East Orange, N. J., wat., 1933, 4%	15,000	14,400
Elizabeth, N. J., adj., 1922, 4%	50,000	49,000
Englewood, N. J., sc., 1935, 4%	25,000	24,000
Essex Co., N. J., bg., 1924, 4%	25,000	24,750
Ga., State of, reg., 1927, 3½%	10,000	9,600
Hudson Co., N. J., bg., 1924, 4%	50,000	49,000

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
Jersey Cy., N. J., wat., 1916-23, 5%	\$75,000	\$79,700
New Orleans, La., pub. imp., 1927, 5%	10,000	10,000
N. Y. loan Hway imp., 1961, 4%	15,000	15,300
N. Y. Cy., repaving, 1916, 3½%	2,000	1,980
N. Y. Cy., docks, 1917, 3%	5,000	4,850
N. Y. Cy., dks. & fers., 1929-40, 3½%	30,000	27,150
N. Y. Cy., rap. tran., 1948, 3½%	200,000	178,000
N. Y. Cy., repaving, 1952, 3½%	48,000	42,240
N. Y. Cy., corp. stk., 1958, 4%	50,000	49,500
N. Y. Cy., corp. stk., 1959, 4%	10,000	10,000
Orange Co., N. Y., rd., 1915-16, 4½%	10,000	10,000
Pasquo, N. J., sc., 1940, 4½%	30,000	31,500
Pasquo Co., N. J., bg., 1922, 4%	25,000	24,750
Perth Amboy, N. J., sc., 1941, 4½%	25,000	25,500
Plainfield, N. J., jt. m., 1935-4, 5%	10,000	10,750
Plainfield, N. J., sc., 1935-7, 5%	18,000	16,150
Princeton, Bor., N. J., sc., 1921-8, 4½%	12,000	12,185
Rutherford, N. J., sc., 1950, 4½%	10,000	10,200
West Orange, N. J., sc., 1941, 4½%	15,000	15,300
Albany & Susq. R. R., 1 m., 1946, 3½%	25,000	21,750
Atl. C. El. R. R., 1 m., 1945, 5%	20,000	19,200
B. & O. R. R., 1 m., 1945, 5%	25,000	23,000
Bergen Co. R. R., 1 m., 1925, 3½%	5,000	6,099
Caro. Cld. & O. Ry., 1 m., ext., 1921, 5%	10,000	9,900
Cent. R. R. of N. J., reg., 1987, 5%	10,000	11,700
Cent. Br. Ry., 1 m., 1919, 4%	27,000	23,760
C. & O. Ry., 1 m., 1939, 5%	25,000	26,750
Chi. & Alt. Ry., 1949, 3%	25,000	15,000
Chi. & Alt. Ry., 1 m., 1950, 3½%	10,000	4,300
Chi., Ind. & St. P. Ry., S. L., 1953, 4%	10,000	9,000
Chi., Mil. & St. P. Ry., cs. m., 1934, 4½%	10,000	10,300
Chi. & Nwn. Ry., eq. tr., 1919-21, 4½%	25,000	25,000

FEDERAL INSURANCE COMPANY, Jersey City, N. J.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.	BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.				Bonds.—Cont.			
Choc. & Mem. R. R., 1 m., 1949, 5%...		\$20,000	\$19,800	Amer. Dook & Imp., 1 m., 1921, 5%.....		\$20,000	\$21,000
Ca. Te., N. J., 1933, 5%.....		25,000	25,750	Amer. Smel. Sec., s. f., 1926, 6%.....		10,800	10,400
Del. & Hud., 1 & r. m., 1943, 4%.....		25,000	24,500	Amer. Tl. & Tg., col. tr., 1929, 4%.....		10,000	8,900
Deav. & Rio Gr. R. R., 1 ca. m., 1936, 4%.....		50,000	40,000	Amer. Tl. & Tg., cv., 1933, 4%.....		12,000	11,880
E. Tenn. Va. & Ga. R. R., ca. m., 1956, 5%.....		10,000	10,900	Cent. Leather, 1 ln., 1925, 5%.....		25,000	24,750
East. & Amb. R. R., reg., 1920, 5%.....		30,000	31,200	Cora Prod. Ref., s. f. g., 1931, 5%.....		7,000	6,650
Eig. Jol. & East. Ry., 1 m., 1941, 5%.....		10,000	10,500	Edi. El. Illg., N. Y., 1 ca. m., 1995, 5%.....		50,000	54,500
Eliz. Plain. & Cent. Jer. Ry., 1960, 8%.....		25,000	24,000	Gas & El. Bergen Co., N. J., 1949, 5%.....		25,000	25,500
Flint & Pure Marq. R. R., 1 m., 1920, 6%.....		10,000	9,000	Kings Co., N. Y., El. Lt. & Pow., 1 m., 1937, 5%.....		11,000	11,550
Houston & Tex. Cent. R. R., gn. m., 1921, 4%.....		29,000	27,550	Kings Co., N. Y., El. Lt. & Pow., pur. m., 1997, 6%.....		20,000	22,800
Ill. Cent. R. R., 1 m., 1951, 3%.....		1,000	850	Mass. Gas. d., 1929, 4%.....		25,000	24,000
Ill. Cent. R. R., 1 m., ext., 1951, 3%.....		30,000	25,500	N. J. Zinc, 1 m., 1926, 4%.....		10,000	9,600
Ill. Cent. m. R. 1 m., Lit. Div., 1951, 3%.....		12,000	8,640	Newark Gas. Co., 1948, 5%.....		25,000	26,500
Ill. Cent. R. R. Obs. Div., 1951, 3%.....		10,000	7,300	N. Y. Gas & El. Lt., Ht. & Pow., pur. m., 1949, 4%.....		10,000	8,700
Ill. Cent. R. R., r. m., 1955, 4%.....		10,000	9,200	N. Y. & N. J. Tl., gn. m., 1920, 5%.....		26,000	26,520
Kan. City So. Ry., 1 m., 1950, 3%.....		25,000	17,250	Ont. Pow. Niag. Falls, 1 m. s. f., 1943, 5%.....		10,000	9,600
Kf. Cent. Ry., 1 m., 1987, 4%.....		10,000	9,000	Pa. Coast., 1 m. g., 1946, 5%.....		25,000	25,500
L. S. & M. So. Ry., 1 m., 1997, 3%.....		50,000	43,000	Peoples G., Lt. & Ck., Chicago, 1 ca. m., 1943, 6%.....		14,000	16,240
Leh. Val. Tm. Ry., 1 m., 1941, 5%.....		30,000	33,300	Sloss Ir. & St., gn. m., 1918, 4%.....		15,000	14,100
Long Dock. ca. m., 1935, 6%.....		20,000	24,600	Standard Gas Lt., N. Y., 1 m., 1930, 5%.....		15,000	15,300
L. S. R. R., ca. m., 1922, 4%.....		10,000	9,500	Syracuse Ltg., 1 m., 1951, 5%.....		10,000	10,100
L. & N. R. R., A. & C., 1955, 4%.....		15,000	13,500	Trenton Gas & El., 1949, 5%.....		50,000	52,000
Man. Ry. R., ca. m., 1990, 4%.....		25,000	23,250	Wash. Wat. Pow., ca. m. & col. tr., 1929, 5%.....		10,000	10,300
Midland R. R., N. J., 1 m. ext., 1940, 5%.....		25,000	26,250	Wash. Wat. Pow., 1 r. m., 1939, 5%.....		15,000	15,450
M. K. & T. Ry., 1 m., 1990, 4%.....		25,000	21,750	West. Un. Tg., col. tr., 1938, 5%.....		30,000	28,500
M. & O. R. R., 1 m., 1927, 6%.....		10,000	11,700	West. Un. Tg., f., 1950, 4%.....		10,000	9,200
Newark Penn. Ry., 1 ca. m., 1930, 5%.....		25,000	26,250	Stocks			
N. J. & N. Y. R. R., 1 m., 1950, 5%.....		10,000	10,200	Ca. Te., N. J.		10,000	7,500
N. Y. C. & H. R. R., gn. r., 1997, 3%.....		15,000	12,450	Amer. Tl. & Tg.		60,000	73,800
N. Y. C. Lines, ex. tr., 1915-18, 4%.....		45,000	45,000	Pacific Coast Salv. Assn.		1,000	1,000
N. Y. Ch. & St. L. R. 1 m., 1937, 4%.....		50,000	47,500	Underwriters Salv., N. Y.		1,000	1,500
N. Y. L. E. & W. R. R., dks. & imp. ext., 1 m., 1943, 5%.....		25,000	25,750	Totals (book values, \$2,791,486).....		\$2,767,000	\$2,659,280
N. Y. & Lg. Br. R. R., gn. m., 1941, 4%.....		10,000	9,600				
N. Y. O. & W. Ry., r. m., 1992, 4%.....		25,000	20,750				
N. Y. P. & N. R. R., 1 m., 1939, 4%.....		10,000	9,500				
N. Y. S. & W. R. R., 1 m., 1937, 5%.....		50,000	47,500				
No. Pa. Ry., gn. ln. & ld. gr., 2047, 3%.....		60,000	40,200				
North Jersey St. Ry., 1948, 4%.....		10,000	7,900				
Ona. & Coun. Bl. Ry. & Bg., ca. m. 1, 1928, 5%.....		10,000	9,700				
Patterson Ext. R. R., 1 m., ext., 1950, 5%.....		31,000	33,170				
Pa. R. R., cv., 1915, 3%.....		10,000	10,000				
Pol. & East. Ry., 1 ca. m., 1940, 4%.....		30,000	21,600				
Port Reading Ry., 1 m., 1941, 5%.....		12,000	13,200				
St. Joe. Ry., Lt., Ht. & Pow., 1937, 5%.....		10,000	9,900				
St. L. Swm. Ry., 2 m., 1989, 4%.....		25,000	18,750				
So. Pac. R. R., 60 tr., 1921, 4%.....		25,000	25,000				
So. Pac. R. R. Cal., 1 ca. m., 1937, 5%.....		10,000	10,600				
Third Ave. R. R., N. Y., 1 m., 1937, 5%.....		35,000	38,150				
T. & O. Cent. R. R., 1 m., 1935, 5%.....		10,000	10,600				
Wabash R. R., 1 m., 1939, 5%.....		35,000	36,050				
West. M. R. R., 1 m., 1952, 4%.....		15,000	9,300				
Amer. Agric. Chem., 1 m. cv., 1928, 5%.....		25,000	25,250				

MISCELLANEOUS: Capital increased in 1906 from \$500,000 to \$1,000,000 and \$100,000 added to surplus. Company insured all of its outstanding fire business early in 1907 in the National Fire of Hartford. Conflagration losses: Baltimore, 1904, \$11,172; San Francisco, 1906, \$787,000. Value of deposit in N. J., \$100,000; in Cuba, \$25,250.

DIRECTORS: Percy Chubb, F. H. Sloan, Samuel Sloan, Wm. Schall, Jr., Charles Myers, Wm. Redmond Cross, Horace M. Kilborn, Hendon Chubb, Harold F. White.

TERRITORY COVERED: The company operates in Ala., Ark., Cal., Colo., Conn., D. C., Haw. Ill., Ind., Ia., Kan., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. D., N. J., N. Y., O., Ore., Pa., R. I., S. D., Tenn., Tex., Utah, Wash., W. Va. and Wis.

FEDERAL UNION INSURANCE COMPANY, Chicago, Ill. §

President, V. F. Mashek; Secretary and Manager, F. H. Osborn. Organized, 1908.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$236,203	\$53,871	\$54,390	\$89,744	\$109,699	\$59,242		\$42,490	\$101,732	\$53,818
1913	227,974	60,084	45,055	123,280	182,757	92,630	\$3,000	39,037	134,667	90,770
1912	231,916	60,304	46,816	117,509	126,190	57,466		35,329	93,293	61,955
1911	201,822	50,210	31,242	90,857	97,016	59,882		31,604	91,486	47,277
1910	195,811	40,373	23,994	106,804	115,124	82,209		35,667	117,876	85,892

* Includes \$32,247 marine premiums and \$23,367 marine losses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$95,200	Losses unpaid.....	\$16,452
Bonds and stocks.....	96,673	Unearned premiums.....	63,871
Cash.....	25,766	Other liabilities.....	1,500
Agents' balances.....	15,575		
Interest and rents.....	2,820	Total liabilities.....	\$81,823
Other assets.....	169	Capital paid up.....	100,000
		Net surplus.....	54,380
Total assets.....	\$236,203	Total.....	\$236,203

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,907,734; premiums thereon, \$105,154; marine and inland risks in force, \$309,183; premiums thereon, \$8,716.

BUSINESS SINCE ORGANIZATION: Premiums received, \$728,796; losses paid, \$432,764; dividends declared, cash, \$3,000.

MORTGAGE LOANS: There are 14 loans, aggregating \$95,200, all first mortgages, protected by brick flats in Chicago, valued at \$203,500. There was no interest past due on Dec. 31, last. Company holds \$111,500 fire insurance on the buildings.

§ Transacts both fire and marine business.

FEDERAL UNION INSURANCE COMPANY, Chicago, Ill.—Continued.

BONDS OWNED:		Par Value.	Market Value.
Cook Co., Ill., 1923, 4%		\$10,000	\$9,950
Wabash Col. Ill., se., 1925-6, 5%		5,000	5,270
Chicago, 1924, 4%		2,000	1,985
Chi. san. dis., 1925-19, 4%		25,000	24,775
Chi. So. Pt., 1926, 4%		10,000	9,875
Chi. W. Pt., 1922, 4%		5,000	4,935
Chi. Lincoln Pk., 1926-19, 4%		18,000	17,785
Colo. & So. Ry., 1935, 4 1/2%		10,000	8,750
C. R. I. & P. R. R., 2002, 4%		5,000	1,437
So. Ry., 1956, 4%		10,000	7,335
Pub. Serv. Co. of No. Ill., 1956, 5%		5,000	4,550
Totals (book value, \$100,450)		\$105,000	\$94,673

MISCELLANEOUS: Company commenced business in 1905 with a paid-up capital of \$100,000 and an initial cash surplus of \$49,998.

DIRECTORS: Capt. O. W. Blodgett, W. R. Creer, J. W. Embree, A. W. Ellenberger, W. O. King, C. E. Kremer, A. O. Kuehnmsted, Geo. W. Koehn, Chas. Krupka, V. F. Mashek, F. H. Oshorn, M. F. Rittenhouse, F. P. Potter, Geo. C. Wilce, E. L. Fisher.

FIELD MEN AND TERRITORY COVERED: The company operates in Ill., Mich., O., and Wis. W. C. Anderson, special agent for entire territory.

FIDELITY-PHENIX FIRE INSURANCE COMPANY, New York. §

President, Henry Evans; Vice-President, George E. Kline; Second Vice-President and Secretary, J. E. Lopes; Second Vice-President and Counsel, David Rumsey; Secretaries, C. R. Street, James A. Swinnerton, Ernest Sturm, F. R. Millard; Auditor, Chas. A. Cross. Organized, 1910.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$15,278,998	\$7,553,115	\$4,029,393	*\$6,553,443	\$7,229,192	*\$3,313,581	\$250,000	\$2,666,971	\$6,230,582	\$3,501,532
1913	14,972,649	7,180,947	4,194,608	6,289,890	6,559,194	3,281,196	250,000	2,637,831	6,169,027	3,196,006
1912	15,145,085	6,834,792	4,589,670	6,185,991	6,835,009	3,195,407	250,000	2,605,225	6,050,632	3,344,851
1911	14,333,423	6,599,693	4,227,756	6,021,193	6,865,877	3,514,498	250,000	2,534,597	6,299,095	3,422,207
1910	13,790,298	6,510,468	3,234,087	5,627,343	6,106,114	3,541,456	50,000	2,571,772	6,163,228	3,482,295

*Includes \$123,261 premiums and \$52,039 marine losses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$572,500	Losses unpaid	\$628,354
Mortgage loans	23,500	Unearned premiums	7,553,115
Bonds and stocks	11,920,644	Dividends	125,000
Cash	1,520,469	Other liabilities	443,131
Agents' balances	954,103		
Interest and rents	56,973	Total liabilities	\$8,749,600
Other assets	230,804	Capital paid up	2,500,000
		Net surplus	4,029,393
Total assets	\$15,278,998	Total	\$15,278,998

Underwriting loss, \$14,488; investment profit, \$740,799.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,352,772,006; premiums thereon, \$14,132,718; marine and inland risks in force, \$5,221,014; premiums thereon, \$132,560.

BUSINESS SINCE ORGANIZATION: Premiums received, \$212,533,625; losses paid, \$108,085,597; dividends declared, cash, \$7,009,000.

REAL ESTATE OWNED: Comprises lot 25 x 100 feet with 3-story brick building, situated 114 Broadway, Brooklyn, N. Y.; lot 25 x 100 feet with 4-story brown stone front building, situated 150 Montague st., Brooklyn, N. Y.; plot of land with 3 and 4-story buildings, situated 113-115-117-119 Broadway, Brooklyn, N. Y.; 4-story brick and stone office building at 193 Montague st., Brooklyn, and 7-story brick office building at 12-16 Court st., Brooklyn, N. Y.; all carried at book value.

MORTGAGE LOANS: There are 7 loans, aggregating \$23,500, all first liens ranging in amount from \$1,000 to \$5,000. No interest was overdue on Dec. 31, last. The company holds fire insurance policies on the mortgaged buildings amounting to \$29,500. Total value of buildings, \$30,750, value of land, \$17,250.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Alberta, Can., d., g., 1924, 4 1/2%		\$25,000	\$23,250
Col., Dist. of, reg., 1924, 3.65%		70,000	72,800
Georgia, reg., 1917, 3 1/2%		10,000	9,900
New Mexico, gn., r. red., 1939, 4%		10,000	9,300
New York, N. Y., cp., g., reg., 1936, 4%		145,000	139,200
New York, N. Y., ca., reg., 1923, 3%		165,000	145,500
Richmond, Va., reg., 1926-43 4%		60,000	55,520
San Fran., Cy. and Co. of, exp., g., c., 1938, 5%		25,000	25,000
San Fran., Cy. and Co. of, mun. st. ry., s. f., g., c., 1951-2, 5%		25,000	25,000
Toronto, Can., c., 1944-29, 3 1/2%		80,300	86,308
Toronto, Can., c., 1943, 4%		299,300	251,412
B. & O. R. R., cv., g., c., 1933, 4 1/2%		200,000	168,000
B. & O. R. R., Pitta. Jct. & Middle Div., 1 & col. in., g., c., 1925, 3 1/2%		25,000	22,250
B. & O. R. R., Bown. Div., col. tr., 1 m., g., c., 1925, 3 1/2%		25,000	21,750

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.		Par Value.	Market Value.
B. & S. R. R., cp., 1 m., g., c., 1963, 4%		\$10,000	\$5,500
Ches. & O. Ry., cv., g., c., 1930, 4 1/2%		100,000	71,000
C. B. & Q. R. R., gn. m., c., 1958, 4%		30,000	26,700
C. & E. Ill. R. R., gn. ca. & 1 m., c., 1937, 5%		50,000	36,000
Clev. S. L. Ry., 1 m., g., c., 1961, 4 1/2%		50,000	45,500
Del. & Hud., d., g., c., 1916, 4%		25,000	24,750
Det. R. Tun., Mich. (Det. Tm. & Tun.) 1 m., g., c., 1961, 4 1/2%		75,000	66,750
Duluth & Iron Range R. R., 1 m., c., 1937, 5%		25,000	24,750
Erie R. R., cv., g., c., 1963, 4%		125,000	78,000
Ft. Worth & Den. Cy. Ry., 1 m., g., c., 1921, 6%		100,000	100,000
Galv., Harr. & San Ant., Ry., Mex. & Pac. Ext., 1 m., s. f., g., c., 1931, 5%		15,000	15,300
Galv., House. & Hend. R. R., 1 m., g., c., 1933, 5%		100,000	85,000
L. S. & Mich. So. Ry., c., 1915, 5%		250,000	250,000
Mobile & Ohio R. R., 1 m., ext., g., c., 1927, 6%		12,000	13,200
New O., Mobile & Chic. R. R., 1 & r. m., s. reg., 1960, 5%		50,000	18,000
Nor. & West. Ry., cv., g., c., 1938, 4 1/2%		15,000	15,150
San Ant., Aransas Pass. Ry., 1 m., g., c., 1943, 4%		25,000	19,750
Seaboard Air Line, Ry., 1 m., g., c., 1950, 4%		50,000	38,500
So. & No. Ala. R. R., gn. ca. m., g., c., 1963, 5%		50,000	49,500
So. Ry., dev. & gn. m., g., c., 1966, 4%		100,000	64,000
Tex. & Okla. R. R., 1 m., g., c., 1943, 5%		10,000	8,400
3d Ave. Ry., N. Y., 1 m., g., c., 1960 4%		125,000	96,750
Union Tm., Dallas, Tex., m., g., c., 1942, 5%		50,000	48,500
Amer. Agr. Chem., Conn., d., cv., g., c., 1924, 5%		50,000	46,500
Amer. Can., N. J., s. f., d., g., c., 1928, 5%		100,000	93,000
Amer. Cot. Oil, N. J., d., g., c., 1931, 5%		14,000	12,850
Amer. Smelters Sec., N. J., c., s. f., c., g., c., 1926, 6%		125,000	128,750
Armour & Co., Ill., R. E., 1 m., g., c., 1939, 4 1/2%		50,000	45,500
Bethlehem Steel, Pa., 1 ext., m., s. f., g., c., 1926, 5%		25,000	24,500
Consolidated Gas, N. Y., d., 1920, 6%		87,500	8,531
Corn Prod. Ref., N. J., 1 m., s. f., g., c., 1934, 5%		42,000	38,220
Fire Cos. Bldg., Cp., N. Y., 1 m., s. f., g., c., 1961, 4 1/2%		500,000	500,000
Gen. Motors Co., N. J., 1 m., s. f., g., c., 1915, 6%		50,000	50,000

FIDELITY-PHENIX FIRE INSURANCE COMPANY, New York.—Continued.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
Ill Steel d. g. c. 1940, 4½%	\$50,000	\$41,500
Inspection Co. Copper, Me., 1 m., cv., c., 1922, 6%	100,000	97,000
Lav. Gas & Fuel, Pa., gn. m., g. c., 1956, 5%	38,000	22,800
Laggett & Myers Tob., N. J., d. g. c., 1944, 7%	50,000	61,000
Lorillard (P.) N. J., d. g. c., 1944, 7%	18,000	21,780
Mont. Pow., N. J., 1 & r. m., s. f., g. c., 1943, 5%	50,000	44,500
Ry. Steel Spring, N. J., 1 m., s. f., g. c., 1931, 5%	77,000	69,300
Rep. Iron & Steel, N. J., s. f., m., g. c., 1940, 5%	25,000	22,500
U. S. Steel Cp., N. J., 2 m., s. f., col. tr., g. c., 1963, 5%	200,000	200,000
Utah Pow. & Lt., Me., 1 m., s. f., g. c., 1944, 5%	50,000	43,500
West. Un. Tg., N. Y., f. & R. E., m., g., c. 1950, 4½%	41,000	36,080
West. El. & Mig., Pa., s. f., cv., g. c., 1931, 5%	50,000	45,000
STOCKS.		
Ash. T. & S. F. Ry., com.	100,000	93,000
Atl. Cst. L. R. R., com.	341,000	346,115
Balt. & O. R. R., p.	61,200	42,228
Balt. & O. R. R., com.	58,500	39,780
Bkln. R. Tr.	150,000	128,250
Buff. & Susq. R. R., p.	20,000	5,000
Central R. R. of N. J.	220,000	627,000
Chi. & Norn. Ry., p.	50,000	81,000
Chi. & Norn. Ry., com.	20,000	24,750
Chi. St. P., Minn. & Omaha Ry., p.	100,000	130,000
Chi. St. P., Minn. & Omaha Ry., com.	120,000	150,000
Del. & Hud.	110,000	155,100
Del. Lack. & W. R. R.	344,000	1,362,240
E. & P. R. R., gr. by Pa. R. R.	25,000	32,500
Gt. No. Ry., p.	426,800	482,058
Hocking Val. Ry.	30,000	30,000
Lehigh Val. R. R., com.	125,000	165,625
Louis. & Nash. R. R.	300,000	336,000
Man. Ry., N. Y., gr. by Inter. R. T.	100,000	127,750
Mich. Cent. R. R.	30,000	30,300
Nash. Chatt. & St. Louis Ry.	100,000	130,000
Nor. & West. Ry., com.	100,000	99,000
Pitts. & L. E. R. R.	20,000	73,000
Pa. Pac. R. R., p.	100,000	79,000
Pa. Pac. R. R., com.	260,000	306,800
West. Md. Ry., p.	200,000	50,000
Cent. Tr. N. Y.	10,000	100,500
First Nat. Bank, N. Y.	10,000	87,000
Nat. Bank of Commerce, N. Y.	31,700	63,890
Nat. City Bank, Bkln.	30,000	84,600
Nat. Ft. Bank, N. Y.	50,000	199,500
Amer. L. & T., N. J., p.	50,000	54,500
Amer. L. & T., N. J., com.	80,400	255,672
Ch. Gas, N. Y.	350,000	399,000
Del. Lack. & W. Coal, N. J.	58,250	158,731
Fre. Co. Bldg., N. Y.	1,000,000	1,000,000
Ch. Chem., N. Y., p.	40,000	43,800
N. Y. Mut. Gas Lk., N. Y.	50,000	74,500
Stearns Rockwell, N. Y., p.	200,000	245,500
U. C. S. of Amer., N. J., p.	100,000	112,000
West. Un. Tg., N. Y.	52,800	30,624

Totals (book value, \$11,881,326) \$10,023,550 \$11,920,644

MISCELLANEOUS: This company is an amalgamation of the Fidelity of New York and the Phenix of Brooklyn, which took place early in 1910. Values of special deposits: Can. \$387,531; Ga., \$30,700; N. M., \$9,600; Va., \$49,810.

DIRECTORS: Charles Altshul, E. C. Converse, Henry Evans, Benedict J. Greenhut, Francis L. Hine, Eugene Meyer, Jr., William H. Moore, Henry K. Pomroy, John J. Riker, E. R. Stettinius, Samuel A. Walsh and Albert H. Wiggins, Dudley Olcott, 2d, Edgar Palmer.

FIELD MEN AND TERRITORY COVERED: Special agents in Eastern territory: A. Maclean Baillard, Montreal, Can., for Can., Prov. of Quebec, and Maritime Provinces; David B. Street, Toronto, Ont., for Can., and Province of Ont.; L. B. Howard, Augusta, Me., for Me. and New Hampshire; H. A. Robier, Balt., Md., for Md., Del. and Dist. of Col.; O. E. Cook, Boston, Mass., for East Mass. and Rhode Island; P. A. Cogrove, Hartford, Conn., P. O. Box 421, for West Mass., Conn. and Vt.; C. G. Baxter, Merchantville, N. J., for New Jersey (incl. Hudson Co.); D. N. Iverson, Elizabeth, N. J., for N. J. (No. N. J.); W. N. Van Alstine, Albany, N. Y., for N. Y., Eastern and Suburban; G. W. Ingalls, Syracuse, N. Y., for Central N. Y.; N. P. Hodges, Rochester, N. Y., for Western N. Y.; Paul L. Haid, Pittsburgh, Pa., for West Pa.; R. G. Leyboldt, Philadelphia, Pa., for East Pa. Southern Department: A. F. Fitz-Simons, Birmingham, Ala., for Ala.; L. H. Platt, Little Rock, Ark., for Ark.; W. F. C. Fellers, Jacksonville, Fla., for Fla.; B. K. Clapp, Atlanta, Ga., for Ga.; J. F. Campbell, New Orleans, La., for La.; Ben R. Franklin, Jackson, Miss., for Miss.; N. H. Clarkson, Columbia, S. C., for S. C.; A. Zintgraf, state agent, Dallas, Tex., for No. Tex.; A. C. McDavid, San Antonio, Tex., for So. Tex.; E. W. Grigg, Petersburg, Va., for Va., and N. C.; Nelson Reid, Parkersburg, W. Va., for W. Va.; C. R. Street, Chicago, Western department; F. W. Koeckert, Chicago, agency superintendent; W. H. Clemons, Chicago, general adjuster; Robt. D. Air, Kansas City, Mo., State agent for Kan.; F. Earl Alderson, Los Angeles, Cal., special agent for Ariz. and Cal.; E. J. Arimond, Campbellsport, Wis., special agent for Wis.; J. W. Bailey, Denver, Colo., State agent for Colo., Mont., N. M., Utah and Wyo.; John Bauer, Chicago, Ill., special agent for Ill.; J. O. Benedict, Detroit, Mich., State agent for Mich.; Harry W. Carey, Springfield, O., special agent for O.; Chas. Estborn, Chicago, Ill., special agent for Cook County; O. L. Donek, Fargo, N. D., special agent for Minn. and N. D.; W. B. Henry, Kansas City, Mo., adjuster for Kan., Mo., Neb., E. H. Johnson, Indianapolis, Ind., special agent for Ind.; T. R. Dungan, South Bend, Ind., special agent for Ind.; Garnett Kemper, Lexington, Ky., special agent for Ky.; G. A. Lane, Cleveland, O., special agent for O.; Fred D. Hougham, Seattle, Wash., State agent for Alas., B. C., Ore., Wash.; J. C. Lucas, Nashville, Tenn., special agent for Tenn.; W. B. McCausland, Billings, Mont., special agent for Mont.; J. A. McClelland, East St. Louis, Ill., and C. J. Lingenfelder, Chicago, Ill., special agents for Ill.; A. N. McDougall, Detroit, Mich., special agent for Mich.; F. H. Kinney, Taylorville, Ill., State agent for Ill.; F. M. Pond, Omaha, Neb., State agent for Neb.; V. H. Raine, Sioux Falls, So. Dak., special agent for Minn. and S. D.; A. C. Robertson, Oklahoma City, Okla., State agent for Okla.; E. M. Scharf, Minneapolis, Minn., special agent for Minn.; Paul A. Schmutz, St. Louis, Mo., special agent for Mo.; Theo. Schnitzler, Milwaukee, Wis., special agent for Wis.; W. G. Shippe, Kansas City, Mo., special agent for Mo.; Chas. E. Siefken, Omaha, Neb., special agent for Neb.; A. P. Skowrup, Milwaukee, Wis., State agent for Wis.; H. A. Davidson, Des Moines, Ia., State agent for Ia.; W. A. Harvey, special agent, Des Moines, Ia., for Ia.; H. R. Wickler, Sacramento, Cal., special agent for Cal., Nev.; Frank P. Wilson, San Francisco, Cal., state agent for Cal.; W. J. Wood, Indianapolis, Ind., State agent for Ind. The company operates in Canada and in all of the States and Territories of the United States except Haw., Phil. Ids., and Porto Rico.

FIRE ASSOCIATION OF PHILADELPHIA, Philadelphia, Pa.

President, E. C. Irvin; Vice-President, Theo. H. Conderman; 2d Vice-President, John B. Morton; Secretary and Treasurer, M. G. Garrigue; Assistant Secretary, R. N. Kelly. Organized, 1817.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$9,107,411	\$5,549,449	\$2,253,705	\$4,307,132	\$4,720,070	\$2,629,937	\$300,000	\$1,709,630	\$4,639,567	\$2,708,418
1913	9,091,916	5,445,444	2,495,966	4,258,129	4,665,378	2,265,771	300,000	1,746,385	4,312,156	2,265,452
1912	9,054,950	5,350,782	2,553,709	4,170,778	4,561,460	2,401,259	300,000	1,698,384	4,399,643	2,366,399
1911	8,942,706	5,249,375	2,458,848	4,231,667	4,617,687	2,378,917	300,000	1,693,894	4,372,811	2,404,102
1910	8,727,317	5,106,204	2,406,868	4,094,335	4,491,027	2,329,902	300,000	1,597,223	4,227,125	2,301,219

Unearned premiums include amounts reclaimable on perpetual policies.

FIRE ASSOCIATION OF PHILADELPHIA, Philadelphia, Pa.—Continued.

ASSETS, DEC. 31, 1914.	LIABILITIES, DEC. 31, 1914.
Real estate..... \$714,400	Losses unpaid..... \$479,764
Mortgage loans..... 1,937,762	Unearned prems..... 4,034,123
Bonds and stocks..... 4,984,309	Perp. dep. recl..... 1,615,326
Collateral loans..... 145,576	Other liabilities..... 74,493
Cash..... 520,513	
Agents' balances..... 720,433	Total liabilities..... \$6,108,706
Interest and rents..... 113,775	Capital paid up..... 750,000
	Net surplus..... 2,263,706
Total..... \$9,136,768	
Spl. dep. over liab..... 29,357	
Total assets..... \$9,107,411	Total..... \$9,107,411

Underwriting loss, \$285,562; investment profit, \$372,990.

RISKS AND PREMIUMS: Fire risks in force (except perpetuals), December 31, \$769,220,703; premiums thereon, \$7,706,923; perpetual fire risks, \$73,247,935; deposit premiums thereon, \$1,659,178.

BUSINESS SINCE ORGANIZATION: Premiums received, \$108,249,931; losses paid, \$62,109,671; dividends declared, cash, \$9,529,762.

REAL ESTATE OWNED: The principal items are the company's home office building, a 7-story stone and steel structure, at N. W. cor. 4th and Walnut sts., Philadelphia, carried at \$440,000 (book value, \$466,387), and the 4-story stone office building, 407-409 Walnut st., which cost \$120,545, and is carried at \$114,000. The only other single properties carried at over \$5,000 are the following: 4155-4163 Frankford ave., mill and dwellings, valued at \$38,000; 201 Federal st., Camden, N. J., a 2-story brick office building, valued at \$13,000, and 531 East Broad st., Columbus, O., a dwelling, carried at \$6,000.

MORTGAGE LOANS: There are 557 mortgage loans, aggregating \$1,937,762, the majority of which are small; a few being for \$10,000 or over. There is one loan of \$45,000 on 518-520 Race st., Philadelphia; one of \$40,000 on 1440 acres of land and buildings in Minn.; one of \$30,000 on 418-424 Liberty st., Peoria, Ill.; one of \$55,000 on hospital in Sioux Falls, S. D.; one of \$55,000 on an apartment hotel in Cleveland; one of \$27,500 on stone mansion, etc., in Portland, Ore.; and one for \$28,000 on property located in Indianapolis, Ind., all the others being for smaller amounts. The mortgaged property is valued at \$4,936,792, and the company holds \$2,066,890 of insurance on the mortgaged buildings.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Securities.			
Mortgage on premises, Syracuse		\$3,000	\$1,600
First National Bank, Phila.		12,800	15,076
German Amer. Ins., N. Y.		6,850	
Pullman Palace Car.		15,000	16,000
Frankford, Tacoma & Holmesburg St. Ry. 1 m. 5%, 1940.		4,400	
West Phila. T. & Tr.		8,400	
Girard Nat. Bank, Phila.		6,800	1,400
Industrial Title & Tr., Phila.		33,000	10,000
Mohawk Valley		10,000	10,000
Syracuse R. T., 5% 2 m.		3,900	
Penns. & N. J. Sec. Corp., 6% g. n.		36,000	25,000
Franklin Fire Ins.		1,750	4,500
Underwriters Bldg., N. Y.		8,000	
Salem, N. J., 4½% ref.		10,000	25,000
N. Y. C. & H. R. R., 4½% ref. & imp.		20,010	
Lehigh Coal & Nav.		7,650	
Phila. Co. Can. M., Col. Tr., 5%, 1951.		7,300	
Wilmington & Chester tc. col. tr., 5%.		9,200	30,000
Trenton St. Ry., cn. m., 5%, 1938.		1,920	
Harwood Elec., 1 & ref., 6% m., 1942.		9,900	
Atlantic City Gas, 1 m., 5%, 1960.		4,800	
Franklin Fire Ins. Co.		1,250	3,000
Underwriters Bldg. Co., N. Y.		6,000	
Totals.....		\$227,730	\$145,576

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Georgia, 1915, 4½%		\$5,000	\$5,000
Atlanta, Ga., reg., 1932, 4½%		5,000	5,000
Atlantic City, N. J., wat., 1925, 5%		25,000	26,250
Birmingham, Ala., pub. imp. p. g., 1922, 6%		21,000	21,000
Birm., Ala., san. ref. g., 1930, 5%		30,700	31,650
Butte, Mont., ref., 1925, 4½%		25,000	24,500
Dallas, Tex., g. wat. wks. imp., 1947, 4½%		10,000	9,400
Duluth, wat. & lt. g., 1926, 5%		100,000	106,000
Greenville, S. C., st. imp. p. g., 1942, 5%		25,000	26,500
Houston, Tex., st. pav., 1938, 5%		25,000	26,000
Mobile, Ala., r., 1937, 4½%		50,000	49,500
Corporate Stock of City of N. Y., cy. cp. stk., 1937, 4½%		25,000	26,750

BONDS AND STOCKS OWNED—Cont.		Par Value.	Market Value.
Bonds—Cont.			
New York, g. exn. op. stk., 1903, 4½%		\$50,000	\$54,000
Petersburg, Va., 1929, 5%		50,000	52,000
Philadelphia, c., 1941, 4%		50,000	51,000
Portland, Ore., city hall, g., 1923, 5%		18,800	18,780
Richmond, ctf., 1920, 4%		65,800	62,751
San Antonio, Tex., bg., 1918, 5%		25,000	26,500
Port Portland, Ore., g., 1922, 5%		39,000	39,780
Port Seattle, Wash., imp. g., 1946-7, 4½%		25,000	23,500
Prov. Alta, D. Can., g. deb., 1923, 4½%		25,000	24,250
Manchester, N. J., wat., 1931-5, 5%		25,000	26,500
A. T. & S. F. R., 1 m. g., 1928, 4%		60,000	47,500
Aur. Chi. R.R., 1 & r. m. g., 1946, 5%		60,000	54,800
Baltimore Elec., 1 cn. m., 1947, 5%		25,000	24,750
B. & O. R.R., S.W. Div., 1 m. g., 1925, 3½%		50,000	45,500
B. & O. R.R., eq. tr. ser. G, 1919, 4½%		25,000	25,000
B. & O. R.R., eq. tr. J., 1923, 4½%		25,000	25,000
Bang. & Aroost. R.R., car tr., 1916-7, 5%		50,000	49,300
Beaver Val. tc., gen. m. g., 1953, 5%		25,000	22,500
Bos. & Worcester St. Ry., 1 m. g., 1923, 4½%		50,000	47,000
Brklyn Un. Elev. R.R., 1 m. g., 1950, 5%		60,000	61,800
Buf. & Susq. Ry., car tr., 1915-6, 5%		20,000	19,500
Camb. & Indi. R.R., car tr., 1922-3, 5%		30,000	30,300
Can. Nor. Ry., eq. tr., 1920, 4½%		25,000	23,750
Cent. of Ga. Ry. ca. m. g., 1945, 5%		50,000	52,500
Cent. of Ga. Ry. (Ch. Div.), pur. my m. g., 1951, 4%		50,000	44,000
Cent. Pass. Ry., Pittsb., 1 m., 1924, 6%		25,000	26,000
Chatta. Rys., 1 cs. m. g., 1956, 5%		50,000	48,500
C. & O. Ry., gn. W. g., 1902, 4½%		81,000	76,140
Chi. & East. Ill. R.R., r. & imp. g., 1955, 4%		50,000	12,900
C. R. I. & P. R.R., gn. m. g., 1938, 4%		25,000	22,250
C. R. I. & P. Ry., 1 & r. m. g., 1934, 4%		50,000	36,000
C. H. & D. R.R., r. gn. m. g., 1942, 5%		20,000	16,000
C. D. & I. R.R., 1 m. g., 1941, 5%		25,000	18,750
C. L. & W. Ry., 1 m. g. cn., 1933, 5%		50,000	58,000
Cleves. Sh. L. Ry., 1 m. g., 1961, 4½%		50,000	48,000
Colo. Spgs. El. 1 m. g., 1920, 5%		50,000	49,500
Danv., Urb. & Champ. R. R., g., 1923, 5%		30,000	29,400
Decatur R. & Lt., 1 & cn. m. a. f. g., 1933, 5%		50,000	47,000
Det., R. & L. O. Ry., 1 m., 1920, 5%		50,000	48,000
Det. & Nw. Ry., 1 m. g. g., 1921, 4½%		20,000	26,100
East Side Tc., 1 m. g., 1929, 5%		50,000	50,500
Elm Wr. Lt. & R. R., Pu. My 1 m. g., 1949, 5%		25,000	25,250
Erie R. R., gn. ln. g., 1906, 4%		50,000	36,500
Erie R. R., eq. tr., 1916, 5%		25,000	25,250
Eva. & Te. Ha. R.R., 1 gn. m., 1942, 5%		50,000	35,000
Fort Pitt Tc., 1 m. g., 1935, 5%		50,000	50,000
Indpolis Tc. & Tm., 1 m. g., 1933, 5%		25,000	24,500
King's Co. Elev. R.R., 1 m. g., 1949, 4½%		36,000	30,240
Laf. St. Ry., 1 m. g., 1923, 5½%		25,000	25,000
L. S. & M. S. Ry., g., 1931, 4%		50,000	47,000
Leh. C. & N., col. tr. pow. loan, 1921, 4½%		50,000	49,500
Leh. C. & N., cn. m. a. f. g., 1954, 4½%		75,000	75,000
L. V. R. R., reg. os. m., 1923, 6%		100,000	112,000
L. V. R. R., reg., 1923, 4½%		78,000	76,500
L. V. R. R., col. tr., 1921, 4%		25,000	24,250
Lo. & Na. R.R., gn. m., 1930, 6%		29,000	32,770
L. & B. R. R., 1 m. g., 1924, 5%		50,000	51,500
Mah. & Shen Ry. & Lt., cn. m., 1916, 5%		50,000	49,000
Metro. St. Ry. K. C., cn. m. g., 1913, 5%		50,000	47,500
Mil. K. & Ok. R.R., 1 m. g., 1942, 5%		50,000	49,000
Mo. Pac. Ry. tr. g., 1917, 5%		25,000	23,750
Mo. P. Ry. eq. tr., 1916, 5%		25,000	24,750
Mutl Trm. Buffalo, 1 m. a. f. g., 1924, 4%		50,000	47,000
Newark Pass. Ry., 1 os. m., 1930, 5%		22,000	23,100
N. Y. C. & H. R. R., g. d. ctf., 1934, 4%		25,000	22,500
N. Y. C. Lines, eq. tr., 1919, 5%		45,000	45,900
O. River R. R., 1 m., 1936, 5%		25,000	26,500
Oma. & C. B. St. Ry., cn. m. g., 1928, 5%		50,000	48,000
People's R. R., Syra., 1 m., 1921, 5%		23,000	23,575
Peoria Ry., 1 & r. m., 1917, 5%		25,000	24,750
Ph. B. & W. R.R., g. loan, 1916-18, 4%		50,000	49,500
Phila. Co., cn. & col. tr. g., 1951, 5%		26,000	20,750
Phila. Co., 1 m. & col. tr. g., 1949, 5%		30,000	29,700
Phila. R. T., eq. tr., 1917, 5%		25,000	25,000
Phila. & W. C. Tc., 1954, 4%		25,000	20,500
Pitta. & Charl. St. Ry., 1 m. g., 1932, 5%		1,000	980
P. McK. & Con. Ry., cv. m. g., 1931, 5%		30,000	30,000
P. McK. & Gr. Ry., 1 m. g., 1931, 5%		25,000	16,750
Pittsb. Rys. g. car tr., 1915, 5%		25,000	25,000
Re. Co. P. & R. C. & I., gn. m., 1907, 4%		25,000	23,750
Rio Gr. West Ry., cv. m. g., 1949, 4%		5,000	3,300
Seab. & Roan. R.R., 1 m., 1926, 5%		50,000	52,000
S. P. R. R., 1 m. g., 1935, 4%		25,000	23,000
So. P. R. R., eq. tr., 1918, 4½%		20,000	20,000
St. Jos. Ry., Lt. Ht. & Pow., 1 m. g., 1937, 5%		50,000	48,500
St. Lo., I. M. & So. Ry., 1 m. g., 1933, 4%		50,000	36,500
Syra. R. T. Ry., 1 m. g., 1946, 5%		50,000	51,000

FIRE ASSOCIATION OF PHILADELPHIA, Philadelphia, Pa.—Continued.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
Tru. R.R. Am'n. St. L. 1 cn. m. g., 1944, 5%.....	\$75,000	\$80,250
Tol. Fr. & N. R. R., 1 m., 1920, 5%.....	50,000	49,000
T. & O. Can. Ry., 1 m. g., 1931, 4%.....	50,000	43,000
Trenton St. Ry., ca. m. g., 1933, 5%.....	31,000	31,000
United Ry. g. tr. ed., 1949, 4%.....	30,000	22,500
United T.R. Pittab., gn. m. g., 1937, 5%.....	50,000	41,500
Wab. R.R. Omaha, 1 m. g., 1941, 3 1/2%.....	25,000	16,250
Wash. Term., 1 m. g., 1945, 3 1/2%.....	50,000	42,000
Wat. C. F. & No. Ry., 1 m. s. f. g., 1940, 5%.....	50,000	42,500
W. N. Y. & Pa. R.R., 1 m., 1937, 5%.....	20,000	20,800
West Penn. Ry., 1 m. g., 1931, 5%.....	50,000	50,000
W. & L. E. R.R., 1 cn. m. g., 1949, 4%.....	25,000	18,500
Wheeling Tc., 1 cn. m. g., 1931, 5%.....	75,000	71,250
Wilkes & Chester Tc., col. tr., 1918, 5%.....	50,000	46,500
Wilk. & E. Pitta. St. Ry., 1 m., 1929, 5%.....	50,000	45,500
Wm. Ill. L., 1 & r. m. g., 1943, 5%.....	50,000	47,500
Can. Gas Trm., 1 m. g., 1933, 5%.....	25,000	23,500
Decatur Gas & El., 1 m. g., 1929, 5%.....	20,000	20,200
Edmo. El. L., skt. tr. eds., 1946, 5%.....	13,000	13,650
Harrab. L., El. & Pow., 1 m. g., 1924, 5%.....	25,000	23,750
Jackav. Gas, 1 W. a. f. g., 1942, 5%.....	50,000	47,000
Laclede Gas L., r. & ext. m. g., 1934, 5%.....	25,000	25,250
L. V. C., 1 m. g., 1933, 5%.....	25,000	26,250
Louisville Lg., 1 m. g., 1933, 5%.....	25,000	24,500
Mortgage Bond, N. Y., g., 1968, 4%.....	49,000	41,160
Penn. Steel Co., 1 m., 1932, 5%.....	50,000	5,000
Penn. Street Steel, 1910, 6%.....	12,532	12,532
Trent. Gas & El., 1 m. g., 1949, 5%.....	40,000	41,600
Underwriters Bldg., 1 m. g., 1923, 5%.....	45,000	45,000
Un. Lmg. Pa., 1 m. s. f. g., 1939, 4 1/2-10%.....	86,000	86,000
West Chest. Lg., 1 m. g., 1949, 5%.....	20,000	21,000
STOCKS.		
B. & O. R. R., c.....	20,000	17,800
Chestnut Hill R.R., c.....	3,500	4,200
Chicago, Milw. & St. P. R.R., c.....	10,000	9,900
Lehigh Valley R.R., c.....	10,000	13,900
N. Y. Cent. & Hudson River R.R., c.....	10,000	9,000
Northern Pacific Railway Co., c.....	10,000	11,100
Pennsylvania R.R., c.....	68,750	76,312
Phla. Germ. & Norrist. R.R., c.....	16,530	46,340
First National Bank.....	11,200	22,400
Univ. National Bank.....	15,000	30,150
Fire Association.....	1,559	10,416
General Adjustment Bureau.....	100	200
Southern Adjustment Bureau.....	500	500
Western Adjustment & Inspection.....	100	200
Philadelphia Bourse, c.....	1,000	200
Philadelphia Bourse, p.....	375	273
Underwriters' Salvage.....	500	750
Underwriters' Salvage, Chicago.....	1,000	1,000
United Gas Improvement.....	25,000	42,000

Totals (book value, \$5,206,655)..... \$5,161,177 *\$4,993,790

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: This company, together with the Insurance Company of North America, guarantees the policies of the Philadelphia Underwriters. Capital increased in 1906 from \$300,000 to \$750,000, and \$1,250,000 realized on sale of new stock issued. Conflagration losses: Baltimore, 1904, \$339,000; San Francisco, 1906, \$1,835,930, net. Values of special deposits: Va., \$37,210; Ga., \$10,000; N. M., \$21,000; Can., \$19,400.

DIRECTORS: Elihu C. Irvin, Theo. H. Conderman, James Butterworth, John McKinney, Robert Whitaker, Charles B. Adamson, William T. Tilden, H. T. Potts, R. Campion, Dimmer Beeber, Geo. W. Nevil, William A. Law, Edward J. Moore.

FIELD MEN AND TERRITORY COVERED: Home Office Jurisdiction, John B. Morton, second vice-president, for the general departments and for O. and Ind.; special agents, J. A. Weinland, Columbus, O., for O.; S. E. Faber, Indianapolis, Ind., for Ind.; I. H. Lindale, general agent for New England and New York department; special agents, William H. Hellyar, Boston, Mass., William Lewis, Boston, Mass., George E. Congdon, Rochester, N. Y., A. T. Lovett, Albany, N. Y., J. Woods Brown, general agent, middle department and W. Va.; special agents, T. J. Trout, Altoona, Pa.; John E. Thomson, Philadelphia, Pa.; William Y. Young, Baltimore, Md., W. S. G. Savage, Philadelphia, Pa.; R. Wesley Simons, Philadelphia. Southern department: W. E. Chapin, manager, R. A. Palmer, assistant manager, Equitable Building, Atlanta, Ga.; special agents, W. W. Graves, Montgomery, Ala., for Ala.; Miller A. Gower, Jacksonville, Fla., for Fla.; R. B. Barnett, Atlanta, Ga., for Ga.; Bennett B. Bean, Lexington, Ky., for Ky.; A. D. McBryde, New Orleans, La., for Miss. and Orleans Parish (only) in La.; B. A. Hamlin, Danville, Va., for North Carolina and Va.; Marion Knowles, Atlanta, Ga., for S. C.; Jno. Hallenau, Nashville, Tenn., for Tenn. Western department: J. W. Cochran, manager, F. H. Burke, assistant manager, Insurance Exchange Bldg., Chicago, Ill.; special agents, J. Lewis Cassell, Chicago, Ill., for Cook Co., Ill.; P. B. Churchill, Helena, Mont., for Mont. and Ida.; R. W. Schimmel, State agent, Minneapolis, Minn., for Minn.; E. W. DeCrot, Kansas City, Mo., for Kan. and Mo.; R. B. Ellis, Milwaukee, Wis., for Wis.; L. D. Griffin, Denver, Colo., for Colo. and Wyo.; Louis H. Kashner, Kansas City, Mo., for Kan. and Mo.; Ed. L. Kelley, special agent-at-large, Chicago, Ill.; Thomas C. Little, Chicago, Ill., for Ill.; C. D. Mackenzie, Omaha, Neb., for Ia. and Neb.; A. F. Powrie, Detroit, Mich., for Mich.; Chas. V. Wilson, Fargo, N. D., for N. D. and S. D. Southwestern department: Trezevant & Cochran, general agents, Dallas, Tex.; special agents: E. E. Wright, New Orleans, La., for La.; W. E. Horton, Jr., New Orleans, La., for La.; J. K. Shepherd, Little Rock, Ark., for Ark.; Allan H. Dixon, Little Rock, Ark., for Ark.; J. H. Price and D. H. Houseman, Oklahoma City, for Okla.; F. A. Nisbet, Dallas, Tex., for northeastern Tex.; J. G. Smith, Dallas, Tex., for northwestern Tex. and N. M.; V. B. Wright, Palestine, Tex., for eastern Tex.; S. M. Powell, Dallas, Tex., for central Tex.; M. M. Overby, San Antonio, Tex., for northwestern Tex.; R. M. Anderson, Dallas, Tex., executive special agent; E. E. Robinson, Dallas, Tex., inspector. Pacific Coast department: F. M. Avery, manager, San Francisco, Cal.; Chas. L. Barozzi, special agent-at-large for San Francisco, Cal.; special agents: Howard W. Hogan, San Francisco, Cal., for central Cal.; George F. Staniford, Los Angeles, for southern Cal. and Ariz.; T. F. O'Grady, San Francisco, for northern Cal., Nev. and Utah; and Frank S. Glover, Portland, Ore., for Ore. and C. R. Harold, Seattle, Wash., for Alas., B. C., Alta., and Wash. This company does business throughout the entire United States.

FIRE INSURANCE COMPANY OF SEATTLE, Seattle, Wash.

President, Jas. H. de Veure; Secretary, I. S. Watson. Organized 1911. Capital, \$66,800.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$77,477	\$3,360	\$6,912	\$6,090	\$14,268	\$4,436	.....	\$4,521	\$8,957	\$4,435
1913	72,181	3,874	908	7,425	11,275	6,135	.....	4,127	10,263	6,198
1912	71,402	3,203	1,165	6,081	10,068	5,133	.....	4,735	9,868	5,133
1911	60,202	1,498	502	2,802	4,993	12	.....	579	591	12

Early in 1915 this company reinsured all risks in the Pacific States Fire, of Portland, Ore., and retired.

FIREMANS FUND INSURANCE COMPANY, San Francisco, Cal. § 1

President, Bernard Faymonville; Vice-President, J. B. Levison; Secretary, Louis Weinmann; Assistant Secretaries, H. R. Blanchard, John S. French; Marine Secretary, A. W. Follansbee, Jr.; Treasurer, Thos. M. Gardiner. Organized, 1863.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$10,175,434	\$5,244,797	\$2,275,058	\$4,627,131	\$7,020,761	\$3,811,845	\$240,000	\$2,421,463	\$6,473,308	\$3,904,192
1913	9,864,872	5,118,515	3,781,245	7,462,946	7,862,812	4,005,137	240,000	2,526,552	7,071,689	4,086,935
1912	9,268,924	3,812,953	3,104,731	5,472,766	5,850,333	2,957,912	240,000	1,987,437	5,185,349	2,873,082
1911	8,649,592	3,714,708	2,581,461	5,487,674	5,819,139	3,047,481	180,000	2,037,227	5,264,708	3,102,287
1910	8,070,629	3,390,131	2,386,381	5,002,234	5,346,677	2,585,877	225,000	1,834,025	4,644,902	2,674,000

* Includes \$2,406,732 marine premiums and \$1,216,224 marine losses.

† Statement according to California standard.

‡ Transacts both fire and marine business.

Assets, Dec. 31, 1914.	LIABILITIES, Dec. 31, 1914.
Real estate..... \$571,000	Losses unpaid..... \$810,579
Mortgage loans..... 1,236,156	Unearned prems..... 5,244,797
Bonds and stocks..... 5,138,369	Div. unpaid..... 60,000
Collateral loans..... 377,900	Other liabilities..... 285,000
Cash..... 1,527,293	
Agents' balances..... 1,059,842	Total liabilities..... \$6,400,376
Interest and rents..... 92,673	Capital paid up..... 1,500,000
Bills, rec..... 172,201	Net surplus..... 2,275,058
Total assets..... \$10,175,434	Total..... \$10,175,434

Underwriting profit, \$111,824; investment profit, \$151,990.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$717,597,542; premiums thereon, \$8,705,672; marine and inland risks in force, \$63,092,099; premiums thereon, \$1,400,159;

BUSINESS SINCE ORGANIZATION: Premiums received, \$100,446,078; losses paid, \$58,231,893; dividends declared, cash, \$5,316,000.

REAL ESTATE OWNED: The principal property is that at S. W. corner Sansome and California sts., San Francisco. The old building has been torn down and there is a new one in course of construction. The only other important property is that at corner of Montgomery and Sacramento sts., which cost \$66,000.

MORTGAGE LOANS: These number 71 and aggregate \$1,236,156, and are secured by properties valued at \$3,932,175. The company holds \$741,280 insurance on buildings. The principal loans are as follows: \$75,000 on half block at Chestnut, Montgomery and Sansome sts., San Francisco, valued at \$187,000; \$40,000 on S. W. corner Kearney and Clay sts., San Francisco, valued at \$99,000; \$45,000 on Clay, corner Divisadero, San Francisco, valued at \$112,000; \$50,000 on 260 acres orchard land and impts., near San Jose, Cal., valued at \$262,000; \$65,000 on corner 5th and Bluxome sts., San Francisco, valued at \$171,000; \$80,000 on corner 2nd and Tehama sts., San Francisco, valued at \$165,000; \$100,000 on corner 3rd and Hunt sts., San Francisco, valued at \$174,500; \$90,000 on corner 6th and Natoma sts., San Francisco, valued at \$133,000; \$41,150 on 6th st., near Jessie st., valued at \$125,000; \$70,000 on Des Moines (Ia.) property valued at \$90,000; \$60,000 on cor. Cal. & Van Ness st., San Francisco, valued at \$145,000; \$65,000 on cor. 5th and Minna., San Francisco, valued at \$160,000; \$53,750 on Kearny near Bush, San Francisco, valued at \$130,000; \$110,000 on Cal. near Front, San Francisco, valued at \$195,000. Overdue interest amounted on December 31, last, to \$1,221.

COLLATERAL LOANS are as follows:	Market Value.	Amount Loaned.
Union Tc., Santa Cruz, 1935.....	\$16,000	\$10,000
F. F. Paw secured by Newmark Grain.....	7,500	5,000
German Sav. & Loan Soc.....	21,000	10,000
Realty Syndicate.....	50,625	35,000
Peoples Water, 1937, 5%.....	10,000	10,000
Cent. Bldg. Prop., 6%.....	3,750	
Conn. Imp., Seattle, Wash.....	6,750	5,000
Pac. Warehouse, Seattle, Wash.....	9,000	2,500
Western Pac. Ry., 1933, 5%.....	1,050	
Northern El., 1955, 5%.....	1,800	250
Pacific El. Ry., 1942, 5%.....	985	
No. Cal. Power.....	9,600	22,400
Pac. Gas & El., 1942, 5%.....	2,535	750
Cal. Transp.....	60,000	
Matson Nav.....	7,600	25,000
Alaska Packers Assn.....	32,000	
The Anglo & London Paris Nat. Bk.....	13,500	
The Anglo Cal. Tr.....	11,000	
Ger. Sav. & L. Soc.....	21,000	30,000
E. I. du Pont Nemours Powder, pfd.....	8,910	
E. I. du Pont de Nemours Powder, com.....	485	
Sonoma Co. Nat. Bk.....	15,000	
Sonoma Val. Bk.....	6,375	
The McNear, Petaluma.....	7,500	20,000
Seaboard Bank, S. F.....	17,600	

COLLATERAL LOANS.—Cont.	Market Value.	Amount Loaned.
SECURITIES.		
Novato Bank, Novato, Cal.....	\$1,000	
Bank of California Nat. Assn.....	94,000	
Mercantile Tr.....	10,500	
Sav. Un. Bk.....	5,635	100,000
No. Ry. of Cal., 1938, 5%.....	25,750	
Spring Val. Wat.....	5,250	
Giant Powder.....	5,925	
Natoma Dev., 1917, 6%.....	1,000	20,000
Associated Oil, 1922, 5%.....	29,100	
Bank of Cal. Nat. Assn.....	7,520	
Pac. Gas & El. p.....	36,000	30,000
No. El. Ry., 1941, 5%.....	63,600	
No. El. Ry., 1 & cs., 1947, 5%.....	1,950	50,000
No. El. Ry., 1 & cs., 1947, 5%.....	13,500	53,000
No. El. Ry., 1 & cs., 1947, 5%.....	3,000	12,000
West Sacramento, col. tr. & cv. g., 1918, 6%.....	2,400	1,500
Totals.....	\$637,675	\$442,400

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
BONDS.		
United States, reg., 1925, 4%.....	\$100,000	\$108,500
Asuna, Cal., St., 1921-40, 6%.....	10,000	11,029
Belgrade, Mont., Tn. Hall, 1932, 6%.....	10,000	10,400
Benicia, Cal., Mun. Imp., 1920-25, 5%.....	15,000	15,000
Cal., San Fran. Seawall, 1924, 4%.....	70,000	67,900
Cal., Hwy. Act., 1920, 4%.....	30,000	29,250
Claremont, Cal., H. Sc., 1921-30, 5%.....	10,000	10,000
Griswold, Ia., Sc., 1921, 4%.....	5,000	4,850
Half Moon Bay, Cal., Un. H. Sc., 1921-30, 5%.....	10,000	10,414
Hemet, Cal., Sc., 1919-22, 6%.....	10,000	10,511
Hood River, Ore., wat. f., 1922, 5%.....	15,000	15,463
Lemoore, Cal., sc., 1920-26, 5%.....	14,000	14,000
Mass. Commonwealth Met., wat., 1941, 3%.....	50,000	40,000
Merced, Cal., sc., 1915, 5%.....	1,500	1,500
Modesto, Cal., sc., 1929-38, 5%.....	10,000	10,000
Monrovia, Cal., wat., 1926-34, 5%.....	10,000	10,000
Napa, Cal., H. Sc., 1915-16, 5%.....	2,000	2,000
Ontario, Cal., wat., 1940-44, 5%.....	10,000	10,000
Oroville, Cal., Br., 1917-27, 5%.....	12,000	12,000
Paradise, Cal., sc., 1916-22, 6%.....	7,000	7,257
Pomona City, Cal. H. Sc., 1916-40, 4%.....	25,000	23,880
Redlands, Cal., H. Sc., 1924-28, 5%.....	20,000	20,000
Redwood City, Cal., Mun., 1916-25, 5%.....	10,625	10,625
Redwood City, Cal., Mun., 1916-17, 5%.....	2,000	2,014
Rose, Cal., sc., 1915-20, 6%.....	2,400	2,465
San Anselmo, Cal., Mun., 1920-34, 5%.....	10,000	10,000
San Bernardino, Cal., sc., 1922-27, 5%.....	20,000	20,000
San Buenaventura, Cal., Mun., 1930-33, 5%.....	14,200	14,200
San Fran., Cal., Cy. & Co., Fire, 1939-54, 5%.....	150,000	153,050
San Fran., Cal., Cy. & Co., sc., 1921, 3%.....	25,000	22,947
San Fran. Cy. & Co. sc., 1915, 5%.....	5,000	5,000
San Fran. Cy. & Co. Hosp., 1915, 5%.....	5,000	5,000
Santa Ana, Cal., H. Sc., 1915-27, 5%.....	33,000	33,000
Selma, Cal., ar., 1915-28, 5%.....	12,000	12,000
Spirit Lake, Id., Mun., 1931, 6%.....	4,000	4,000
Thermalito, Cal., Un. sc., 1915-19, 5%.....	5,000	5,000
Tulare, Cal., Mun., 1920-24, 5%.....	10,000	10,000
Visalia, Cal., Mun., 1922-26, 5%.....	10,000	10,000
Wash. St. Cap. Bldg., 5%.....	15,000	15,000
Watsonville, Cal., ar., 1939-50, 5%.....	6,600	6,600
Whittier, Cal., Un. H. Sc., 1924-28, 5%.....	5,000	5,000
Williams, Cal., Un. H. Sc., 1918-21, 5%.....	6,000	6,000
Balt. & O. R. R., 1 m. g., 1948, 4%.....	75,000	66,750
Cal. Norn. Ry., San Fran., 1928, 5%.....	35,000	33,950
Cal. St. Cable R. R., San Fran., 1915, 5%.....	15,000	15,000
Can. So. Ry., ca. gr. g., 1962, 5%.....	50,000	48,500
C. M. & St. P. Ry. gn., 1989, 4%.....	50,000	44,500

FIREMANS FUND INSURANCE COMPANY, San Francisco, Cal.—Continued.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
C. M. & St. P. Ry., cv. g., 1932, 4½%.....	\$700	\$675
Chic. R. I. & Pac. R. R., 2002, 4%.....	10,000	2,350
E. S. & Sub. Ry., Rich., Cal., 1940, 5%.....	25,000	21,250
Ferries & Cliff Hs. Ry., San Fran., 1916, 6%.....	25,000	25,000
La. Cent. Ry., 1 r., 1951, 4%.....	16,000	8,000
L. S. & M. So. Ry., 1 g., 1997, 3½%.....	25,000	21,250
Los Ang. Ry., Cal., 1938, 5%.....	125,000	124,687
Los Ang. Pac. R. R., 1 ca., 1931, 5%.....	34,000	33,915
Los Ang. Pac. R. R., Cal., 1 & r., 1943, 5%.....	106,000	97,520
Los Ang. Pac. 1 r., 1950, 4%.....	50,000	40,000
Market St. Ry., 1 ca., San Fran., 1924, 5%.....	150,000	121,875
Market St. Cable Ry., 1915, 6%.....	96,000	96,000
Mo. Kan. & Tex. Ry., gn., 1936, 4½%.....	25,000	17,500
Montreal Tramway, Can., 1941, 5%.....	55,000	52,250
No. Pac. Ry., pr. l. gy. & l. gnt. g., 1997, 4%.....	50,000	44,500
No. Ry. of Cal., 1938, 5%.....	23,000	23,690
Oakland Tc. co., Cal., 1933, 5%.....	90,000	73,800
Oakland Transit, Cal., 1918, 6%.....	32,000	32,320
Oakland Transit, Cal., 1931, 5%.....	10,000	9,500
Omnibus Cable, San Fran., 1918, 6%.....	143,000	138,710
Out. & San Ant. Hts. R. R., Los Angeles, 1935, 6%.....	10,000	9,700
Pac. El. Ry., Los Ang., 1942, 5%.....	100,000	98,500
Petal. & Santa R. Ry., 1924, 5%.....	38,000	34,200
San Fr. & No. Pac. Ry., 1919, 5%.....	22,000	21,780
San Fr., Oak. & San J. Ry., 1933, 5%.....	165,000	158,400
San Fr. & San J. Val. Ry., 1940, 5%.....	27,000	27,540
San J. & S. C. R. R., 1946, 4½%.....	100,000	80,000
So. Pac. R. R., 1 r., 1955, 4%.....	200,000	168,000
So. Pac. Cent. Ry., gr., 1937, 4%.....	220,000	198,000
S. L. & San Fr. R. R., gn., 1927, 5%.....	3,000	900
St. Louis Ry., 1918, 5%.....	54,000	50,220
Un. Pac. R. R., 1 m. r. r. & id. gnt., 1947, 4%.....	50,000	47,500
Un. Tc. Santa Cruz, 1935, 5%.....	25,000	20,000
Western Pac. Ry., San Fran., 1933, 5%.....	100,000	35,000
Alameda Farms, San Fran., 1933, 6%.....	15,000	13,500
Amer. Tl. & Tg. col. tr., 1929, 4%.....	25,000	21,500
Bay Co. Pow., 1930, 5%.....	25,000	24,500
Bine Lakes Wat., 1938, 6%.....	19,000	19,190
Cal. Cent. Gas & El., Cal., 1931, 5%.....	5,000	4,900
Cal. Gas & El. Corp., un. & r., 1937, 5%.....	75,000	68,250
Contra Costa Wat., 1915, 5%.....	101,000	95,950
Crocker Hotel, San Fran., 1928, 5½%.....	55,000	55,000
Edison El. Los Ang., 1 & r., 1922, 5%.....	50,000	47,500
Edison Lt. & Pow., San Fran., 1921, 6%.....	16,000	16,640
Farm L. Inv., Cal., 1919, 6%.....	10,000	9,900
Ins. Exch., San Fran., Cal., 1937, 5½%.....	21,000	21,000
Iowa L. & Tr., Des M., Ia., 1919, 5%.....	400	380
Iowa L. & Tr., Des M., Ia., 1919, 5%.....	13,200	12,540
Los Angeles Lt., 1924, 5%.....	10,000	9,500
Mt. Whitney Pow. & El., 1939, 6%.....	35,000	33,950
Nations Dev., San Fran., 1917, 6%.....	16,000	15,200
Nevada Co. El., Cal., 1928, 6%.....	26,000	26,000
No. Cal. Pow., San Fran., 1 m., 1932, 5%.....	36,000	33,480
No. Cal. Pow., ca., Cal., 1948, 5%.....	45,000	33,750
No. El. Cal., 1 m., 1955, 5%.....	75,000	67,500
Oakland Gas Lt. & Ht. Cal., 1916, 5%.....	75,000	73,875
Pacific Gas & El. Cal., gn. r., 1942, 5%.....	50,000	42,250
Pac. Gas & El. g., 1915, 5%.....	25,000	24,750
Pac. Gas Imp., 1930, 4%.....	56,000	48,720
Pac. Tl. & Tg., 1937, 5%.....	100,000	94,500
Rendon Iron & Loco. Wks., 1917, 5%.....	79,000	73,075
Sacram. El. Gas & Ry., 1927, 5%.....	10,000	9,800
San Fran. Dry Dock, 1931, 5%.....	40,000	38,000
San Fran. Gas & El., 1933, 4½%.....	93,000	83,700
San J. Lt. & Pow., 1945, 5%.....	15,000	14,212
Sutro EL Pow. & Lt., 1938, 5%.....	25,000	23,750
Sutro EL Pow., 1923, 6%.....	3,000	3,000
So. Yuba Wat., Cal., 1923, 6%.....	48,000	48,480
Spring Val. Water, gn. m., 1923, 4%.....	150,000	136,500
Standard El. Cal., 1939, 5%.....	25,000	22,500
United Gas & El., 1932, 5%.....	25,000	24,500
Un. Iron Wks. Dry Dk., San Fran., 1929, 5%.....	43,000	38,700
Val. Co. Pow. Co., Cal., 1930, 5%.....	50,000	49,000
Anglo London Paris Nat. Bk., San Fran.	30,000	40,500
Bank of Cal., Nat. Assn., San Fran.	115,000	216,200
Mer. Nat. Bk., San Fran.	20,000	42,000
Nat. Bank of D. O. Mills & Co., Sac.	14,000	42,000
Sec. Sav. Bk., San Fran.	25,000	32,000
Seaboard Bank, San Fran.	1,600	1,760
Union Tr. of San Fran.	10,000	23,000
Balt. & O. R. R., p.	1,200	828

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
Balt. & O. R. R., com.....	\$2,200	\$1,507
Chic., Mil. & St. P. Ry., com.....	5,000	4,300
Ill. Cent. R. R.....	10,000	10,750
No. Pac. Ry.....	15,000	15,000
Un. Pac. R. R., com.....	10,000	11,600
Mission Rock, San Fran.....	13,120	3,280
Pac. Gas & El., 1 p.....	9,300	7,672
Pac. States Tl. & Tg., p.....	74,300	64,641
Spring Val. wat., San Fran.....	90,000	47,250
Oakland Bank of Sav., Oakland, Cal.....	2,500	5,500
Ins. Exch., San Fran.....	150,000	150,000
Totals (book values, \$5,523,496).....	\$5,410,845	\$5,138,369

MISCELLANEOUS: Original capital, \$200,000; increased in 1865 to \$500,000; stockholders assessed \$250,000 in 1871; capital reduced in 1873 to \$300,000; increased in 1880 to \$750,000; in 1886 to \$1,000,000; in 1907 to \$1,600,000. Conflagration losses, Chicago, 1871, \$529,365; Boston, 1872, \$158,000; Va. Cy., Nev., 1879, \$126,402; Balto., 1904, \$351,613; San Francisco, 1906, \$11-100,000 gross, including losses of Home Fire and Marine and the Pac. Underwriters. A new company styled Firemen's Fund Insurance Corporation was organized with \$800,000 capital and \$800,000 of subscribed surplus, and assumed, May 22, 1906, by reinsurance, all policies of old company not involved in loss claims. On November 7, 1906, an assessment of \$300 per share was levied, and \$3,404,997 premium on new stock was received. On March 1, 1907, the old Fireman's Fund resumed control with a capital of \$1,600,000, which was reduced in 1909 to \$1,500,000, and received licenses from all the States and Territories in which it formerly transacted business. Values of special deposits: Va., \$54,250; Ga., \$10,850; N. M., \$10,000; Can., \$83,650, and Cal., \$100,000.

DIRECTORS: Wm. J. Dutton, Charles P. Eells, Chas. R. Bishop, Bernard Paymonville, Arthur A. Smith, J. B. Levison, Geo. A. Newhall, Henry Rosenfeld, F. W. Van Sicken, Vanderyn Stow and J. C. Coleman.

FIELD MEN AND TERRITORY COVERED: Eastern department: A. K. Simpson, Mason Bldg., Boston, Mass., manager; J. W. Little, assistant manager; C. E. Desser, State agent, and L. Lester Webster, special agent for N. Y.; A. M. Wood, general agent, and Henderson Kellogg, special agent for New England; J. Y. Sheehy, M. J. Mullin, special agents for Del., D. C., Md., N. J., Pa., and W. Va.; J. R. Beardsley, Auto., special agent. Central department, John Marshall, Jr., manager, and W. A. Chapman, asst. manager, 39 So. La Salle st., Chicago, Ill.; J. G. Stauffer, Supt. of Agencies; Paul G. Krueger and Walter M. Sheldon, special agents for Ill.; R. G. McCullough, State agent for Ind.; R. J. McIntyre, for Wis.; D. W. Andrews, for Mich.; W. A. Sawyer, for O.; Louis L. Law, special agent for Minn.; E. S. Snyder, special agent for N. & S. D.; James Marshall, for Ia. and Neb.; A. B. Diggins, for Kan. and Mo.; M. B. Russell, State agent for Ky. and Tenn.; Roland Reed, special agent for Okla. Southern department: E. T. Gentry, manager, Atlanta, Ga., comprising Ga., N. C., S. C., Ala., La., Fla., Miss. and Va.; special agents: J. M. Waller, for Va. and N. C.; Edgar S. Wilson, Jr., for Ga. and S. C.; Paul S. Felder, for La. and Miss.; J. W. Harris, for Ala. and Fla. Atlantic marine department: Frans Herrmann & Co., 37-43 Wall st., N. Y., managers, Pac. Coast (home office department); Chas. R. Thompson, general adjuster; Robert D. Hunter, superintendent of agencies for Cal.; special agents, H. B. Tickner, for Ore. and Wash.; west of the Cascades, Jas. R. Quick, Ore., Wash., east of the Cascades and Ida.; F. L. Emerick, for Ore. and Wash., west of Cascades; K. M. Brown, auto. special agent, Cal., Nev. and Ariz.; W. M. Klinger, manager, A. E. Webster, home office, special agent, automobile department; W. D. Whelan and Chester A. Swift, for So. Cal. and Ariz.; F. G. White, general agent for Rocky Mtn. Dis.; W. P. Coffey, special agent for N. M. and Colo.; Fred R. Lanagan, special agent for Utah and Wyo.; C. D. French, special agent. Mont.; N. B. Swett, special agent for Cent. Cal.; B. E. Nourse, special agent, Cent. Cal.; Samuel Simmen, special agent; Geo. D. Gilmore, auto., So. Cal.; Frank Burnside, special agent, Seattle, John J. Hammond, No. Cal.; C. C. Wright, State agent, J. H. Snel, J. C. Evans, East Texas, and James C. Stephens, special agents, for Tex.; Adams & Boyle, Little Rock, Ark., general agents for Ark.; Frank C. Taylor, general agent marine department, Pac. Coast; Grayson Dutton, manager city department. Foreign general agents: Bishop Insurance Agency, Ltd., Honolulu, Haw. T.; China and Japan Trading Co., Ltd., Shanghai, China; Joseph Hadley, agent, European Marine Agency; London; M. de Chateaubourg for Australasia.

FIREMENS INSURANCE COMPANY, Newark, N. J.

President, D. H. Dunham; Vice-President and Treasurer, John Kay; Vice-President, Neal Bassett; Secretary, A. H. Hassinger.
Organized, 1855.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$6,880,131	\$2,922,524	\$2,507,194	\$2,738,573	\$3,088,100	\$1,704,831	\$240,000	\$1,142,132	\$3,086,963	\$1,832,993
1913	6,859,575	2,845,186	2,740,403	2,650,968	2,947,768	1,436,135	240,000	1,099,307	2,775,942	1,381,217
1912	6,849,806	2,781,578	2,736,266	3,019,478	3,297,544	1,429,663	200,000	1,239,327	2,868,990	1,490,823
1911	6,389,556	2,305,914	2,796,426	2,385,175	2,663,274	1,243,120	200,000	970,552	2,413,672	1,262,249
1910	6,126,403	2,037,952	2,846,750	2,173,481	2,467,092	966,933	180,023	956,592	2,126,548	1,006,475

^a Includes payments to scripholders.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$1,066,190	Losses unpaid	\$364,316
Mortgage loans	2,601,850	Unearned prems.	2,922,524
Bonds and stocks	2,691,483	Other liabilities	86,097
Cash	14,290		
Agents' balances	471,520	Total liabilities	\$3,372,937
Interest and rents	54,287	Capital paid up	1,000,000
		Net surplus	2,507,194
Total	\$6,889,720		
Spl. dep. over hab.	19,589		
Total assets	\$6,880,131	Total	\$6,880,131

Underwriting loss, \$321,382; investment profit, \$347,761.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$571,041,019; premiums thereon, \$5,701,308.

BUSINESS SINCE ORGANIZATION: Premiums received, \$32,873,813; losses paid, \$15,873,818; dividends declared, cash, \$4,210,500; stock, \$850,000.

REAL ESTATE OWNED: Consists of the company's home office building at 780-786 Broad st., Newark, which cost \$944,517 and is carried at \$1,066,190.

MORTGAGE LOANS: There are 506 loans, aggregating \$2,601,850, which are secured by properties estimated to be worth \$5,619,503, and the company holds \$3,388,400 of insurance on the mortgaged buildings. There are 65 loans as large as or larger than \$10,000, and only one as large as \$47,000. The loans are mainly upon properties located in Newark and its suburbs, with relatively few in nearby cities.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
State of Georgia, 1915, 4½%	\$10,000	\$10,000
State of New Mexico, 1932, 4½%	10,000	10,100
City of Toronto, 1948, 4½%	67,647	61,103
Bayonne, N. J., 1928, 5½%	10,000	10,700
Asbury Park, N. J., 1918, 5½%	25,000	25,500
Essex Co., N. J., 1949, 4½%	10,000	9,800
Hamilton, Can., 1934, 4½%	20,000	19,200
Winnipeg, Man., 1944, 5½%	10,000	10,400
Perth Amboy, N. J., st. imp., 1923-4, 4½%	40,000	40,400
Elizabeth, N. J., 1922, 4½%	25,000	24,500
Orange, N. J., 1938, 4½%	20,000	20,600
C. R. R. of N. J., 1937, 5½%	100,000	117,000
Consolidated Trac. Co., 1933, 5½%	100,000	103,000
Easton & Amboy R. R., 1920, 5½%	50,000	52,000
Lehigh Valley Trm. Ry., 1941, 5½%	100,000	111,000
Newark Passenger Ry., 1930, 5½%	50,000	52,500
N. Y. Sus. & Western R. R., 1937, 5½%	40,000	38,000
N. Y. & Greenwood Lake Ry., 1946, 5½%	25,000	25,500
North Hudson Co., Ry., 1928, 5½%	50,000	51,500
North Hudson Co., Ry., 1914, 6½%	20,000	20,000
North Hudson Co., Ry., 1924, 5½%	20,000	19,600
Trenton Pass. Ry., 1931, 6½%	30,000	33,900
American Dock & Imp., 1921, 5½%	20,000	21,000
Atlantic City, N. J., water, 1925, 5½%	22,000	23,100
Consumers Ht., Lt. & P., 1938, 5½%	10,000	10,100

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
Hackensack Water, 1952, 4½%	\$20,000	\$17,000
Hudson Co. Gas, 1949, 5½%	40,000	41,500
Newark Gas, 1948, 5½%	100,000	106,000
Newark Gas, 1944, 6½%	50,000	61,500
Passaic Water, 1937, 5½%	20,000	20,000
Trenton Gas & El., 1949, 5½%	10,000	10,400
United Elec. of N. J., 1919, 4½%	100,000	81,003
Canadian Northern Ry., Winn. Tm., 1939, 4½%	10,000	9,300
STOCKS.		
Chi. & N. W. Ry.	20,000	26,600
Consolidated Trac.	40,000	30,000
D., L. & W. R. R.	96,600	387,366
Lackawanna R. R.	24,100	23,136
Morris & Essex R. R.	100,000	171,000
Northern R. R., N. J.	10,000	7,900
Pennsylvania R. R.	55,000	61,500
Rapid Transit Ry.	15,000	35,250
United N. J. R. R. & Can.	60,000	135,000
Essex Co. Nat. Bk.	20,000	61,650
Manufacturers Nat. Bk.	10,000	27,000
Mechanics Nat. Bk.	20,000	52,000
National Newark Bkg.	40,000	148,800
National State Bk.	32,500	73,125
American Tl. & Tg.	100,000	123,000
D. L. & W. Coal.	15,000	42,000
General Adj. Bur. of N. Y.	200	200
Milwaukee Udwrts Bldg., Assn.	150	150
Newark Consolidated Gas.	40,000	38,800
Western Adj. & Ins., Chicago.	100	200
Underwriters Salvage Co., N. Y.	1,000	1,500
Totals (book value, \$1,914,297)	\$1,914,297	\$2,682,853

* Securities as per company's valuations; the item in asset is based on insurance department valuations.

MISCELLANEOUS: Capital increased in 1880 from \$400,000 to \$500,000; in 1888, to \$600,000; in 1889, to \$1,000,000. In April, 1906, it took over the outstanding risks of the American of Boston. Values of deposits: Canada, \$99,106; Ga., \$10,000; N. M., \$10,100.

DIRECTORS: J. Ward Woodruff, Daniel H. Dunham, Charles G. Colver, Fred'k. Freilinghuyzen, Matthias Plum, Edgar B. Ward, Geo. W. Hubbell, E. Luther Joy, Oscar B. Mockridge, Edward T. Ward, Jas. P. Dusenberry, Chas. Holzhauer, Percy Jackson, John C. Kirtland, Samuel W. Baldwin, Edward Kanouse, Thomas W. Dawson, William B. Kinney, Edgar Percy Ward, John Kay, Neal Bassett, A. H. Hassinger.

FIELD MEN AND TERRITORY COVERED: Neal Bassett, Chicago, Ill., Western manager, for Ark., Colo., Ky., Mo., O., Utah Ill., Ia., Mich., Mont., Okla., Wis., Ind., Kan., Minn., Neb., Tenn.; Cravens & Cane, Houston, Tex., general agents for Tex.; C. H. Ward, San Francisco, Cal., for Cal., Ore. and Wash. The company operates in all the States and Territories of the United States except Ala., Alas., Del., Haw., Ida., Miss., Nev. and Va.

FIREMENS INSURANCE COMPANY, Washington, D. C.

President, Allan E. Walker; Secretary, William M. Hoffman. Chartered by Congress in 1837.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$328,634	\$58,221	\$58,196	\$47,066	\$63,944	\$13,279	\$12,000	\$27,460	\$52,739	\$14,350
1913	312,009	50,837	49,373	53,350	71,371	40,043	12,000	31,126	83,169	28,913
1912	326,406	51,438	64,412	51,357	68,827	15,182	12,000	28,339	55,521	17,221
1911	314,330	37,871	70,284	32,858	48,856	10,831	12,000	21,749	44,580	10,831
1910	311,312	35,991	70,321	28,337	43,301	2,706	12,000	18,292	32,998	2,706

FIREMENS INSURANCE COMPANY, Washington, D. C.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$75,000	Losses unpaid.....	\$2,300
Mortgage loans.....	201,420	Unearned premis.....	53,221
Bonds.....	27,090	Other liabilities.....	9,917
Cash.....	8,854		
Agents' balances.....	7,336	Total liabilities.....	\$65,438
Interest and rents.....	3,634	Capital paid up.....	200,000
Other assets.....	300	Net surplus.....	58,196
Total assets.....	\$323,634	Total.....	\$323,634

Underwriting profit, \$5,504; investment profit, \$15,319.

RISKS AND PREMIUMS: Fire risks in force, December 31, 1914, \$784,344; premiums thereon, \$99,530.

REAL ESTATE OWNED: Consists of home office building. Rents received last year, \$4,669; taxes and expenses, \$1,846.

MORTGAGE LOANS: There are 38 loans, aggregating \$201,420, protected by improved real estate in the District of Columbia, valued at \$466,700. There was \$453 interest paid due on Dec. 31, last. Company holds \$196,700 of insurance on the buildings.

BONDS OWNED:		Par Value.	Market Value.
Pot. Elec. Power, 1936, 5%.....		\$24,000	\$24,000
Cy. of N. Y., c. p., stk., 1962, 4½%.....		3,000	3,090
Totals (book value, \$27,630).....		\$27,000	\$27,090

DIRECTORS: H. W. Offutt, Geo. W. Moss, John Quinn, Samuel S. Lutz, Allan E. Walker, L. W. Grooms, Geo. C. Gertman, John L. Edwards, Chas. H. Kindle, M. T. Dixon, J. M. Woodward.

FIREMEN AND MECHANICS INSURANCE COMPANY, Madison, Ind.

President, Davis Johnson; Secretary, W. O. McLelland. Organized, 1850.

Year.	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$116,024	\$11,739	\$3,674	\$12,740	\$18,812	\$7,579	\$6,000	\$7,032	\$20,611	\$1,799
1913	117,880	11,511	5,803	9,476	18,225	13,890	7,000	7,466	28,356	13,890
1912	128,021	17,866	18,837	26,201	27,587	32,136	8,000	8,237	48,373	31,195
1911	136,455	26,541	7,655	47,675	55,345	36,223	10,000	14,937	61,160	36,436
1910	146,299	20,847	23,405	44,075	51,786	26,713	8,000	17,947	52,060	26,017

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$9,000	Losses unpaid.....	\$611
Mortgage loans.....	40,000	Unearned premis.....	11,739
Bonds and stocks.....	55,561		
Collateral loans.....	2,144	Total liabilities.....	\$12,350
Cash.....	2,332	Capital paid up.....	100,000
Agents' balances.....	2,471	Net surplus.....	3,674
Interest and rents.....	1,358		
Other assets.....	3,155		
Total assets.....	\$116,024	Total.....	\$116,024

REAL ESTATE OWNED: Comprises office building at Madison, Ind., market value \$7,000, and 12 lots in Topeka, Kan., market value \$2,000.

MORTGAGE LOANS: These aggregate \$40,000, protected by improved real estate property in Indianapolis, valued at twice the amount loaned thereon.

BONDS AND STOCKS OWNED:		Book Value.
Union Real Estate Co., Anderson, Ind.....		\$11,600
Winamac Tribe, I. O. O. F., Indianapolis.....		5,000

BONDS AND STOCKS OWNED.—Cont.		Book Value.
Bonds.—Cont.		
Cy. of Seattle.....		\$3,200
Byon Irrigation.....		5,000
Gravel Road Bonds.....		3,970
Syracuse Lodge, K. of P.....		1,000
Stocks.		
First Nat. Bk.....		10,000
Eagle Cotton Co., Anderson, Ind.....		1,000
Big Assn., Madison, Ind.....		6,201
Bellington.....		700
Charleston.....		3,000
Totals.....		\$56,561

MISCELLANEOUS: This company transacts a surplus in business outside of Indiana through Rehm & Olin, Indianapolis, Ind. Conflagration losses: Baltimore, 1904, \$9,500; San Francisco, 1906, \$3,500.

DIRECTORS: John T. Schofield, C. R. McLelland, Wm. H. Horuff, H. S. Moffett, David Johnson, M. D. Wilson.

FIRST NATIONAL FIRE INSURANCE COMPANY, Washington, D. C.

President, Robert J. Wynne; Underwriting Manager and Secretary pro tem, John E. Smith. Organized, 1912.

Year.	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,604,602	\$252,194	\$382,536	\$367,906	*\$701,125	\$219,330		\$250,661	\$469,991	\$220,328
1913	1,630,990	181,972	548,583	404,978	*\$22,328	150,354		289,899	440,753	188,972
1912	999,377	6,908	464,179	7,259	*\$47,419			12,465	12,465	163

* Includes \$487,612 contributed surplus in 1912, \$373,695 in 1913, and \$62,565 in 1914.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$254,500	Losses unpaid.....	\$43,533
Mortgage loans.....	235,600	Unearned premis.....	252,194
Bonds and stocks.....	980,250	Other liabilities.....	26,803
Cash.....	38,388		
Agents' balances.....	81,267	Total liabilities.....	\$322,530
Interest and rents.....	27,185	Capital paid up.....	899,536
Other assets.....	4,722	Net surplus.....	282,536
Total.....	\$1,621,912		
Sp. dep. over liab.....	17,310		
Total assets.....	\$1,604,602	Total.....	\$1,604,602

Underwriting loss, \$159,305; investment loss, \$18,404.

RISKS AND PREMIUMS: Fire risks in force, December 31, 1914, \$3,352,973; premiums thereon, \$453,327.

BUSINESS SINCE ORGANIZATION: Premiums received, \$780,143; losses paid, \$370,183.

REAL ESTATE OWNED: Undivided one half interest in Southern Building, corner 15th and H sts., Washington, D. C. Building is valued at \$1,800,000, and the other half interest will be taken over by this company in 1915. Incumbrances consist of the trusts, amounting to \$1,200,000, one-half of which is assumed by this company.

MORTGAGE LOANS: There are 31 loans aggregating \$235,600, and all are first liens on improved property in the D. C., excepting one of \$23,000 on property in Lafayette, Ind., valued at \$70,000; total valuation, \$443,061. The company holds \$224,-

FIRST NATIONAL FIRE INSURANCE COMPANY, Washington, D. C.—Continued

200 insurance on the buildings. On December 31, last, there was \$464 of interest past due.

BONDS AND STOCKS OWNED:		
BONDS.	Par Value.	Market Value.
Alexandria, Va., r., 1938, 4%	\$5,000	\$4,600
Allegheny Co., Pa., rd., 1943, 4%	20,000	20,800
Atlanta, Ga., wat. wks., 1933, 3%	5,000	4,400
Cal. State, San Fran. Harbor imp., 1985, 4%	25,000	23,750
Danville, Va., r., 1952, 4%	20,000	20,000
Galveston Co., Tex., sp. rd. bs., 1953, 5%	5,000	5,000
Louisiana, State of, pt. com., 1945, 5%	10,000	10,600
Macon, Ga., wat. wks., 1921, 4%	5,000	5,000
Md., State of, State rds., 1928, 3%	10,000	9,500
Memphis, Tenn., spe. levee, 1953, 5%	5,000	5,200
N. Y., State of, loan canal imp., 1962, 4%	25,000	25,500
N. Y., State of, Hwy imp. loan, 1962, 4%	50,000	51,000
N. Y., Cy. of, corp. atk., 1964, 4%	5,000	5,150
Superior, Wis., wat. Lt. & Pr., 1931, 4%	5,000	4,050
Utica, N. Y., cs. wat., d., 1930, 5%	5,000	4,450
A. C. L. R. R., 1 cs. m., 1952, 4%	10,000	9,400
Aug.-Aiken Ry. & El. Me., s. f., 1935, 5%	10,000	8,600
C. & O. Ry., sec. g. n., 1919, 5%	10,000	9,600
Chi. R. I. & Pac. Ry., 1 r., 1934, 4%	25,000	18,000
Fla. Cent. & Pen. R., 1 cs. m., 1943, 5%	25,000	26,000
Gt. Nor. Ry., 1 & r., 1961, 4%	10,000	10,100
Interb. Rap. Tran., 1 r., 1966, 5%	50,000	49,500
N. Y. C. & H. R. R., 1907, 3%	20,000	16,600
St. Joseph, Mo., Ry. L. H. & P., 1937, 5%	5,000	4,950
St. L., Spgd. & Peo. R. R., 1 r., 1939, 5%	50,000	46,500
Va. Ry. & Pow., 1 r., 1934, 5%	40,000	36,800
C. C. & St. P. Ry., 1939, 4%	10,000	8,500
Ashville, N. C., Pow. & Lt., 1942, 5%	2,000	1,920
Col. Spgs. Col., Lt. Ht. & Pow., 1 r., 1920, 5%	17,000	15,640
Consumers El. Lt. & Pow., 1936, 5%	10,000	8,700
Economy Lt. & Pow., Chicago, 1956, 5%	3,000	2,940
Parr Shoales Pow., S. C., 1952, 5%	5,000	4,500

BONDS AND STOCKS OWNED.—Cont.		
BONDS.—Cont.	Par Value.	Market Value.
Pub. Serv. Cpn. N. J., g.m.a.f., 1959, 5%	\$10,000	\$9,000
So. Bldg. Corp., Wash., D. C., 2 m., 1915, 6%	244,000	244,000
So. Bldg. Corp., Wash., D. C., 3 m., 1915, 6%	225,000	225,000
United Gas & El., sec. n., 1915, 5%	25,000	25,000
Totals (book value, \$979,235).....	\$1,006,000	\$980,250

MISCELLANEOUS: Capital increased December 31, 1912, from \$250,000 to \$320,000 by completion of payment on subscription to stock. On Dec. 31, 1913, capital had been increased to \$842,967, and by Dec. 31, 1914, to \$999,536. Deposit in Va., \$24,600; in Ga., \$9,400. Company reinsured fire business of the Florida F. & C., Jacksonville, early in 1915.

DIRECTORS: Hon. Robert J. Wynne, John Lewis Smith, Geoffrey Creak, D. V. Chisholm, G. S. Livingston, J. S. Easby Smith, Chester Tomson, H. M. Warrenfels, W. H. Hopkins, G. C. Aukam, F. C. Dinges, T. R. Hamer, H. G. Barton, G. M. Edmell.

FIELD MEN AND TERRITORY COVERED: General agents: Edward Brown & Sons, San Francisco, Cal., for Pacific Coast and Rocky Mtn. territory; Leon Irwin & Co., New Orleans, La., for La.; F. R. McCormack, Live Oak, Fla., for Fla., and Ga. Special agents: Chas. Boicourt, Indianapolis, for Ind. and O.; R. C. Oellers, Jr., Philadelphia, Pa., for eastern Pa. and N. J.; Harry Birchard, Elmira, N. Y., for N. Y. and Western Pa.; Wm. Shedd Holton, Washington, D. C., for Md., Del. Va. and W. Va.; R. G. Campbell, Kansas City, Mo., for Ill. and Mo.; J. C. Mulvaney, Detroit, for Mich. & S. D.; Howard Crayman, Boston, Mass., for New England. The company operates in Ark., Cal., Col., Del., D. C., Fla., Ga., Ida., Ill., Ind., La., Md., Mass., Mich., Mo., Mont., Nev., N. J., N. Y., O., Pa., S. D., Utah, Va. and W. Va.

FIRST REINSURANCE COMPANY OF HARTFORD, Hartford, Conn.

President, Carl Schreiner; Vice-President and Secretary, H. H. Stryker; Asst. Sec., William Ehmann. Organized, 1912.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,852,608	\$589,096	\$610,189	\$1,265,208	\$3,346,407	\$662,494	.....	\$405,361	\$1,067,855	\$705,036
1913	1,544,621	437,743	519,716	1,062,952	1,103,423	202,960	.....	333,129	536,089	278,407
1912	995,774	.....	495,482	.....	504,894	.....	.....	17,880	17,880	.....

* Includes \$500,000 surplus paid in; excludes capital.

† Fire.

‡ Includes life premiums, \$13,819.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks....	\$1,441,200	Losses unpaid.....	\$117,989
Cash.....	361,948	Unearned prems.....	589,096
Agents' balances....	14,289	Other liabilities....	34,734
Interest.....	19,233	Total liabilities..	\$742,419
Other assets.....	15,938	Capital paid up.....	500,000
		Net surplus.....	610,189
Total assets.....	\$1,852,608	Total.....	\$1,852,608

Underwriting loss, \$4,661; investment profit, \$95,134.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$88,696,020; premiums thereon, \$1,042,143.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,341,979; losses paid, \$865,454.

BONDS OWNED.		
	Par Value.	Market Value.
Killingly, Conn., dmd n., 5%	\$4,000	\$4,000
N. Y. Cy., 1962-60, 4%	175,000	174,000
N. Y. Cy., 1957, 4%	50,000	52,000
A. T. & S. Fe Ry., gn. m., 1905, 4%	50,000	46,000
Atl. C. L. R. R., 1 cs. m., 1952, 4%	50,000	43,500
B. & O. R. R., 1 m., 1948, 4%	50,000	45,000
B. & O. R. R., equip. tr., 1915-18, 4%	40,000	39,800
C. B. & Q. R. R., gn. m., 1958, 4%	50,000	44,500
C. I. & L. Ry., equip., 1917-23, 4%	50,000	49,200
C. M. & P. S. Ry., 1 m., 1949, 4%	50,000	44,000
C. M. & St. P. Ry., cv., 1932, 4%	50,000	48,000
C. M. & St. P. Ry., d., 1934, 4%	50,000	44,500
C. M. & St. P. Ry., gn. m., 1989, 4%	50,000	50,000

BONDS OWNED.—Cont.		
	Par Value.	Market Value.
Chi. & West. Ind. R. R., cs. m., 1952, 4%	\$50,000	\$39,500
Del. & Hud., 1 & r. m., 1943, 4%	50,000	45,500
Del. & Hud., cv. g. d., 1916, 4%	25,000	24,750
Erie R. R., 3 yr. col., 1917, 5%	25,000	24,000
Gt. Nor. Ry., 1 & r. m., 1961, 4%	25,000	24,750
Hooking Val. Ry., 1 cs. m., 1999, 4%	15,000	14,100
Kansas Cy. So. Ry., 1 m., 1950, 3%	50,000	34,500
L. S. & M. So. Ry., 1931, 4%	50,000	45,000
Lehigh Val. R. R., gn. cs. m., 2008, 4%	50,000	45,000
Mil. S. & Nwn. Ry., 1 gn. m., 1947, 4%	25,000	23,000
Norfolk & West. Ry., 1 cs. m., 1996, 4%	50,000	46,000
No. Pac. Ry., pr. ln., 1997, 4%	50,000	44,500
Ore. Short Line R. R., r. m., 1929, 4%	50,000	43,500
Pa., gr. tr. cda., 1942, 3%	50,000	42,500
P. C. & St. L. Ry., cs. m., 1963, 4%	50,000	50,000
Reading, gn. m., 1997, 4%	50,000	46,500
So. Pac. R. R., 1 & r. m., 1955, 4%	50,000	42,000
So. Ry., 1917, 5%	25,000	24,500
Union Pac. R. R., 1 ln. & r. m., 2008, 4%	50,000	44,500
Totals (book value, \$1,445,726).....	\$1,508,000	\$1,388,600

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: The company began writing business in 1913, taking reinsurance only.

DIRECTORS: Richard M. Bissell, Sylvester C. Dunham, Wilhelm von Finck, Chas. E. Gross, Walter T. Rosen, Carl Schreiner, H. H. Stryker.

FRANKLIN FIRE INSURANCE COMPANY OF PHILADELPHIA, Philadelphia, Pa.

President, Frank E. Parkhurst; Secretary, Edgar P. Luce. Organized, 1829.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$3,167,541	\$1,963,537	\$477,320	\$1,405,348	\$1,530,030	\$902,480	\$60,001	\$572,242	\$1,534,723	\$923,239
1913	3,200,283	1,307,108	534,043	1,433,541	1,561,829	868,533	59,989	598,056	1,526,578	838,432
1912	3,325,147	1,985,890	634,253	1,415,688	1,537,948	888,056	59,997	576,041	1,524,094	862,876
1911	3,380,622	1,922,161	727,232	1,467,848	1,601,506	813,398	59,997	591,991	1,465,386	796,638
1910	3,312,594	1,839,092	767,711	1,373,391	1,595,590	675,245	54,000	546,785	1,276,030	727,572

Unearned premiums include amount reclaimable on perpetual policies. Premiums include 4% on mean perpetual deposits.
† Includes \$100,000 premium on new stock.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$129,500	Losses unpaid.....	\$180,324
Mortgage loans.....	26,435	Unearned premiums.....	1,334,999
Bonds and stocks.....	2,542,285	Perp. dep. recd.....	648,538
Cash.....	140,649	Other liabilities.....	26,360
Agents' balances.....	290,993		
Interest.....	35,044	Total liabilities.....	\$2,190,221
		Capital paid up.....	500,000
Total.....	3,173,906	Net surplus.....	477,320
Spl. dep. over lib.....	6,365		
Total ad. assets.....	\$3,167,541	Total.....	\$3,167,541

Underwriting loss, \$133,495; investment profit, \$143,139.

RISKS AND PREMIUMS: Fire risks in force (except per-annu) December 31, \$259,109,949; premiums thereon, \$2,570,246; perpetual fire risks, \$32,593,639; deposit premiums thereon, \$70,211.

BUSINESS SINCE ORGANIZATION: Premiums received, \$7,294,877; losses paid, \$26,646,442; dividends declared, cash, \$6,685,000.

REAL ESTATE OWNED: The most important single parcel of real estate owned is the company's home office building at 421 Walnut st., the book value of which is \$99,935, and which is carried at \$102,000. This was acquired in 1872. The other 6 properties are brick and stone stores and dwellings in Philadelphia, all of which are carried below their book values. The taxes and expenses on the home office property, in which the space occupied by the company has a rental value of \$6,000, amount to from \$1,720 to \$4,745 yearly. Omitting these taxes and expenses, the net income from the remaining properties in the last three years has aggregated \$2,225.

MORTGAGE LOANS: There are 22 loans, all for relatively small sums, the largest being one of \$3,000. They are all upon Philadelphia property, worth in the aggregate \$72,500, and no interest was overdue on Dec. 31, last.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
BONDS.		
Allegheny, Pa., ac., 1934, 4%.....	\$15,000	\$15,000
Allegheny Co., Pa., r. imp., 1936-38, 4%.....	30,000	30,000
Atlanta, Ga., wat., 1929, 4%.....	10,000	10,000
Bergen Co., N. J., 1921-24, 4%.....	44,000	44,000
Braddock, Pa., f. & st. imp., 1918-21, 4%.....	16,000	16,000
Cameron Co., Pa., r., 1922, 4%.....	5,000	5,000
Columbia, S. C., r., 1941, 5%.....	5,000	5,000
Greenwood Co., S. C., 1937, 5%.....	5,000	5,250
Monongahela, Pa., r., 1915-28, 3%.....	42,000	40,320
Norfolk, Va., r., 1929, 4%.....	3,000	3,000
Norfolk, Va., imp., 1929-32, 4%.....	2,000	2,000
Norfolk, Va., app., 1937-9, 4%.....	20,000	20,000
Phila. City, 1938-40, 4%.....	330,000	336,600
Reading, Pa., r., 1919-29, 4%.....	82,000	82,000
Scrively, Pa., ac., 1915, 5%.....	500	500
S. & O. R. R., pr. ln., g., 1925, 3%.....	25,000	23,000
S. & O. R. R., r. m., g., 1941, 4%.....	50,000	43,500
S. & O. eq. tr., 1916-19, 4%.....	15,000	15,000
Cent. Pac. Ry., 1 r., 1949, 4%.....	50,000	47,000
C. & O. eq. tr., 1915, 4%.....	5,000	5,000
C. & O. Ry., eq. tr., 1917, 4%.....	15,000	14,850
C. R. I. & P. Ry., eq., 1915-16, 4%.....	18,000	17,100
C. R. I. & P. Ry., g., 1918, 4%.....	50,000	45,000
C. R. I. & P. 1 r., 1934, 4%.....	20,000	15,000
Cleve. S. L. g., 1 m., 1961, 4%.....	15,000	14,400
Elmira & Williamsport R. R., 2862, 5%.....	10,000	11,000
Erie R. R., eq. tr., 1915-16, 4%.....	15,000	14,925
Erie R. R., car tr., 1915, 5%.....	22,000	22,000
Erie & Pitta R. R., ca., g., 1940, 3%.....	50,000	44,000
Erie & Western Trans., 1925, 4%.....	25,000	23,750
Hunt. & Broad Top R. R., 1 m., ext., 1920, 4%.....	20,000	17,000
L. S. & M. So. Ry., 1931, 4%.....	50,000	46,000
Lehigh Valley R. R., gn. ca., 2003, 4%.....	100,000	90,000

BONDS AND STOCKS OWNED.—Cont.

	Par Value.	Market Value.
BONDS.—Cont.		
Lehigh Valley R. R., gn. ca., 2003, 4%.....	\$10,000	\$10,000
Lehigh Valley R. R., 1 m., 1948, 4%.....	25,000	26,250
Long Island R. R., r., g., 1949, 4%.....	50,000	45,500
N. Y. C. & H. R. R. R., 1908, 3%.....	60,000	47,400
N. Y. Con. R. R., 1, 1953, 4%.....	25,000	24,500
N. Y., P. & Nor. R. R., 1 m., g., 1939, 4%.....	55,000	52,800
N. Y., P. & Nor. R. R., coll. tr., 1948, 4%.....	25,000	24,000
N. & W. R. R., 1 ca., g., 1906, 4%.....	20,000	19,000
N. & W. R. R., ry., gn. g., 1944, 4%.....	50,000	45,000
Pennsylvania R. R., g. cv., 1915, 3%.....	15,000	14,800
Pennsylvania col. tr., g., 1916, 3%.....	90,000	88,200
Pennsylvania tr., 1944, 3%.....	50,000	42,500
Penna. Co., g., 1931, 4%.....	50,000	47,500
P. B. & W. R. R., ser., 1915-22, 4%.....	20,000	19,600
P. B. & W. R. R., 1943, 4%.....	50,000	49,500
P. & B. Cen. R. R., 1 m., 1951, 4%.....	15,000	13,950
P. C. C. & St. L. R. R., ca., g., 1949, 3%.....	50,000	45,500
Reading R. R., gn., 1907, 4%.....	15,000	14,250
Rich. Wash. col. tr., 1943, 4%.....	25,000	23,750
Rio Grande West. R. R., 1 ca., g., 1949, 4%.....	25,000	17,500
St. L. & S. F. R. R., gn. ln., 1927, 5%.....	35,000	14,000
St. L., Iron Mt. & So., eq. tr., 1916, 5%.....	5,000	4,907
St. L., Iron Mt. & So. Eq., 1917, 5%.....	10,000	10,000
Southern Ry., eq. tr., 1916, 4%.....	25,000	25,000
W. J. & Sea. R. R., ca., g., 1936, 3%.....	100,000	88,000
W. J. & Sea. R. R., ca., g., 1936, 4%.....	25,000	24,500
Wil. & No. R. R., tr. cts., g., 4%.....	65,000	61,750
Wil. & Weldon R. R., gn. g., 1935, 4%.....	50,000	53,000
Del. Riv. Fy., g., 1921, 5%.....	2,000	2,100
Edison El. Lt., g. tr. cts., r., 1946, 5%.....	30,000	31,500
Infantry Bat., N. G., 1915, 6%.....	500	500
Lehigh Coal & Nav., 1930, 4%.....	15,000	15,000
Lehigh Coal & Nav., ca. m., 1954, 4%.....	50,000	49,750
Market St. Elev. Pass. R. W., 1955, 4%.....	50,000	47,500
Phila., 1 m., col. tr., 1949, 5%.....	50,000	49,500
Phila. Rap. T., col. tr., g., 1957, 5%.....	25,000	24,750
Pub. Ser. Corp., N. J., gn. m., 1959, 5%.....	20,000	18,000
Spanish-Amer. Iron, 1 m., S. F. g., 1927, 6%.....	20,000	20,200
Terre Haute, & East Trac., 1 r., 1945, 5%.....	25,000	24,250
United Ry., St. L., gn. g., 1934, 4%.....	50,000	35,000
Wanamaker, J., 1 m., 1923, 5%.....	50,000	50,000
Wash. Tm., 1 m., 1945, 3%.....	20,000	16,600
STOCKS.		
Girard Nat. Bk., Phila.....	3,500	11,900
United Gas Imp., Phila.....	15,000	24,900
Pennsylvania R. R.....	25,000	27,500
Penn. Salt Mfg., Phila.....	5,000	10,500
Lehigh Coal & Nav.....	7,500	12,000
Totals (book value, \$2,619,151).....	\$2,668,000	*\$2,546,302

* Securities as per company's valuations; the item in assets is based on Ins. Dept. Valuations.

MISCELLANEOUS: In 1906 the capital was decreased from \$400,000 to \$100,000 and immediately thereafter increased to \$400,000. The premium on the new stock issued netted \$300,000. Capital increased in 1910 to \$500,000 and \$100,000 premium netted on new stock issued. Confagration losses: St. Louis, 1849, \$294,855; Chicago, 1871, \$635,429; Boston, 1872, \$451,505; Baltimore, 1904, \$153,914; San Francisco, 1906, \$1,325,882. Special deposits, Va., \$22,490; Ga., \$10,000.

DIRECTORS: Geo. A. Heyl, Geo. Fales Baker, M. D., Joseph Moore, Jr., Samuel Y. Heebner, Andrew F. Derr, John Story Jenks, F. M. Kirby, Chas. P. Hunt, Geo. Stevenson, Jos. A. Steel, F. E. Parkhurst.

FIELD MEN AND TERRITORY COVERED: C. C. Kinney.

FRANKLIN FIRE INSURANCE COMPANY OF PHILA., Philadelphia, Pa.—Continued.

manager Pacific Coast department, San Francisco, Cal.; Thompson Derr & Bro., Pa. State Agency, Wilkes-Barre, Pa. Special agents, Wm. P. Long, Philadelphia, Pa., for suburban N. Y., N. J., Del., Md. and D. C.; I. B. Woolman and Harold V. Smith, Philadelphia, assistants; H. L. Staley, Utica, N. Y., for N. Y. State outside of the suburban dist.; C. H. Wilkins, Boston, Mass., Harry Austin, Boston, Mass., special agent for Me., N. H., R. I., Conn. and Vt.; Elmer E. Cole, Jr., Lansing, Mich., for Mich.; John E. Jackson, Milwaukee, Wis., for Wis., Minn. and N. D.; Gerald L. Schuyler, Denver, Col., general agent for Col., Wyo. and So. half of S. D.; Carl B. Richardson, Denison, Ia., for Ia.; A. M. L. Wason, Cincinnati, O., for So. O.; Edgar D. Elder, Columbus, O., for No. O. and

Ind.; Harrison Keyser, Kansas City, Mo., for Kan., Neb., and S. half of S. D.; Frank S. Lake, Peoria, Ill., for Ill.; Gross R. Scruggs & Co., general agents, Dallas, Tex., for Tex.; Robert S. Price, general agent, Dallas, Tex., for Okla.; Fred K. Rutledge, Greensboro, N. C., for N. C., S. C.; A. L. Pleasant, Richmond, Va., for Va. and W. Va.; Frank B. Clark, New Orleans, La., for La.; Wharton Mitchell, Atlanta, Ga., for Ga. & Fla.; special agents, Pacific department, Robt. R. Weber, San Francisco, Cal.; Henry A. Morison, Seattle, Wash.; J. L. M. Waggaman, Spokane, Wash. The company operates in all States, including British Columbia except Ala., Ark., Miss., Nev. and N. M.

GEORGIA HOME INSURANCE COMPANY, Columbus, Ga.

President, Rhodes Browne; Secretary, William C. Coart. Organised, 1859.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$753,803	\$388,853	\$42,902	\$397,746	\$374,440	\$206,944		\$123,559	\$328,503	\$342,349
1913	720,440	296,519	71,596	304,320	333,393	227,252	9,000	136,742	372,994	210,938
1912	762,993	307,276	94,206	300,251	417,534	309,583		173,328	488,876	272,305
1911	1,043,508	347,379	177,111	359,704	420,403	438,323	9,000	210,763	658,086	415,515
1910	1,155,029	627,507	121,960	721,486	770,398	486,348	22,500	313,976	822,824	480,895

† Statement according to Georgia standard.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$60,000	Losses unpaid.....	\$75,428
Mortgage loans.....	52,150	Unearned premiums.....	288,853
Bonds and stocks.....	500,395	Other liabilities.....	46,620
Collateral loans.....	14,250		
Cash.....	29,591	Total liabilities.....	\$410,901
Agents' balances.....	90,249	Capital paid up.....	300,000
Interest and rents.....	4,406	Net surplus.....	42,902
Other assets.....	2,762		
Total assets.....	\$753,803	Total.....	\$753,803

RISKS AND PREMIUMS: Fire risks in force, December 31—\$39,719,084; premiums thereon, \$564,294.

REAL ESTATE OWNED: The principal item is the company's home office building, 1046 Broad st., Columbus, carried at book value, \$60,000. There are no encumbrances.

MORTGAGE LOANS: There are 19 loans, all first liens, and all are on Columbus property save one small one on Mich. prop. and one on Waycross, Ga., prop. The loans range from \$500 to \$5,100. The aggregate of the loans, \$52,150, is protected by properties valued in all at \$160,050. The company holds \$71,250 of insurance on the mortgaged properties. On Dec. 31, last, there was no interest past due.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
100 shrs. Col., Ga., Mfg. Co.....		\$8,500	\$8,250
29 shrs. Nat. Bk. of Columbus, Ga.....		4,930	4,600
Bull Creek Sand & Grav., Columbus.....		3,000	1,500
Totals.....		\$16,430	\$14,350

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
U. S. reg., 1918, 3%.....	\$10,000	\$10,300	
Alabama St., 1954, 4%.....	6,000	6,000	
Georgia St., 1926, 4%.....	4,000	4,080	
Louisiana St., 1936, 4%.....	10,000	10,000	
North Carolina St., 1919, 6%.....	10,000	10,400	
Virginia St., 1932, 3%.....	15,000	12,975	
Norfolk, Va., 1930, 4%.....	2,000	1,880	
Charleston, S. C., 1929, 4%.....	5,000	4,950	
Rock Hill, S. C., 1951, 5%.....	5,000	5,100	
Augusta, Ga., 1925, 4%.....	2,000	1,960	
Augusta, Ga., 1924, 4%.....	4,000	3,920	
Augusta, Ga., 1942, 4%.....	5,000	4,900	
St. Louis, Mo., 1918, 4%.....	10,000	10,000	
Louisville, Ky., 1923, 4%.....	10,000	10,000	

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Opekika, Ala., 1934, 5%.....		\$4,600	\$4,600
Macon, Ga., 1931-2, 4%.....		10,000	10,100
Quitman, Ga., 1926, 5%.....		1,000	1,020
Columbus, Ga., 1927-8, 4%.....		14,500	14,500
Columbus, Ga., 1935, 5%.....		3,000	2,880
Atlanta, Ga., 1920, 4%.....		5,000	4,835
Cedartown, Ga., 1933, 5%.....		5,000	5,100
Dalton, Ga., 1930, 5%.....		5,000	5,100
Fairburn, Ga., 1942, 5%.....		2,000	3,800
Americus, Ga., 1941, 4%.....		5,000	4,400
College Park, Ga., 1923-4, 5%.....		5,000	5,075
Fitzgerald, Ga., 1942, 5%.....		5,000	5,165
Gainesville, Ga., 1940, 4%.....		5,000	4,750
Carrollton, Ga., 1942, 5%.....		5,000	5,137
Nelson Hall, Ga., 5%.....		1,080	900
Clarksville, Va., 1934, 6%.....		1,000	1,000
Fitzgerald, Ga., 1942, 5%.....		5,000	5,165
Moultrie, Ga., 1944, 5%.....		5,000	5,158
Pelham, Ga., 1944, 5%.....		5,000	5,175
Sandersville, Ga., 1933, 5%.....		3,000	2,682
Savannah, Ga., 1935, 4%.....		2,000	2,060
Cartersville, Ga., 1942, 5%.....		5,000	5,150
Americus, Ga., 1944, 5%.....		6,000	6,210
Monarch M. & S., Macon, 1918, 8%.....		600	600

STOCKS.		Par Value.	Market Value.
National Bank, Columbus.....		58,700	99,790
Home Savings Bank, Columbus.....		13,200	13,200
Swift Manufacturing, Columbus.....		100,000	170,000
Hamburger Mills, Columbus.....		10,200	9,180
Raymond Oil & Gin, Raymond.....		1,000	1,080
Southern Adj. Bureau, Atlanta.....		400	400
General Adj. Bureau, N. Y. C.....		350	350
Georgia Hotel, Columbus.....		500	500
Totals (book value, \$500,395).....		\$391,450	\$500,395

MISCELLANEOUS: Conflagration losses: Baltimore, 1904, \$167,000. Values of special deposits: Ala., \$10,930; Ky., \$10,000; La., \$9,950; Va., \$15,200; N. C., \$11,300.

DIRECTORS: Dana Blackmar, Rhodes Browne, L. H. Chappell, E. J. Rankin, H. L. Williams, J. A. Kirvin, H. H. Swift.

FIELD MEN AND TERRITORY COVERED: J. M. Young, Richmond, Va., for Va., W. Va., N. C. and Ky.; Ed. S. Harris, Columbus, Ga., for Ga., Fla. and S. C.; J. C. Proleau, Jackson, Miss., for Ala., Ark. and Miss.; A. F. Meren, Dallas, Tex., for Tex. and La. The company is licensed in Ala., Ark., Fla., Ga., Ky., La., Miss., N. C., S. C., Tex., Va. and W. Va.

GERMAN FIRE INSURANCE COMPANY, Baltimore, Md.

President, John P. Lauber; Secretary, John G. Vaupel. Organized, 1865.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,521,631	\$294,728	\$720,010	\$202,455	\$276,128	\$91,316	\$50,000	\$87,432	\$228,748	\$89,188
1913	1,489,678	289,602	695,627	200,307	268,796	71,562	30,000	82,688	184,250	68,449
1912	1,405,131	274,133	628,685	188,491	269,779	72,649	30,000	69,865	172,514	75,212
1911	1,323,511	262,981	558,780	189,116	249,558	60,222	30,000	67,548	157,770	57,772
1910	1,231,332	251,366	475,736	186,088	241,469	65,801	30,000	66,992	165,793	62,391

Unearned premiums include amounts reclaimable on perpetual policies.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$14,450	Losses unpaid	\$6,898
Bonds and stocks	1,389,657	Unearned premiums	290,318
Cash	47,049	Perp. dep. recl.	4,406
Agents' balances	24,636		
Interest and rents	16,829	Total liabilities	\$301,621
Other assets	1,290	Capital paid up	500,000
Ground rents	27,720	Net surplus	720,010
Total assets	\$1,521,631	Total	\$1,521,631

REBBS AND PREMIUMS: Fire risks in force, (except perpetuals), December 31, \$73,236,576; premiums thereon, \$555,882; perpetual fire risks, \$153,235; deposit premiums thereon, \$4,406.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,082,760; losses paid, \$3,561,371; dividends declared, cash, \$1,523,000; stock \$440,000.

MORTGAGE LOANS: There are 9 loans aggregating \$14,450, and are protected by dwellings located in Baltimore city and county valued at double the amount loaned thereon. The company holds \$1,960 insurance on the mortgage buildings.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Imp. Ch. Govt. Ry. g., 1951, 5%.....		\$10,000	\$9,200
Imperial Jap. Govt., 1925, 4½%.....		5,000	4,600
Balt. f. l., 1916, 5%.....		10,500	10,600
Balt. f. l., 1936, 3½%.....		5,000	4,560
Balt. pub. imp. l., 1940, 3½%.....		48,000	43,680
Balt. Cy. st. l., 1940, 3½%.....		103,400	94,094
Balt. Bd. Dm. imp. l., 1954, 3½%.....		25,000	22,250
Atlanta, Ga., red. ba., 1928, 4%.....		10,000	9,600
Birmingham, Ala., 1920, 5%.....		5,000	5,050
Galveston, Tex., Int. debt, 1934, 5%.....		9,000	8,910
Jefferson Co., Ala., 1919, 6%.....		15,000	15,600
Richmond, 4%.....		26,500	25,970
West Knoxville Gn. Imp., 1919, 6%.....		5,000	5,250
Amesbury & Pot. R. R. R., 1940, 6%.....		10,000	10,000
The Atl. Cst. L. R. R., cv., 1930, 4%.....		10,000	9,400
Balt. & O. R. R., S. W. Div., 1 m., 1925, 4½%.....		10,000	9,100
Bell & S. W. R. R., 1918, 5%.....		10,000	10,100
C. & B. & Q. R. R., Ill. Div., 1949, 4%.....		15,000	14,250
Clev. T. & Val. R. R., 1 m., 1906, 4%.....		15,000	12,750
Columbus & Toledo R. R., 1 m., 1955, 4%.....		10,000	9,100
Del. & Hud. R. R., 1 & r. m., 1943, 4%.....		10,000	9,800
Pha. Cst. & Pot. R. R., 1 m., 1930, 5%.....		5,000	5,000
Pha. do R. R., 1945, 4%.....		6,000	5,340
Pha. R. R. & Bk., 1947, 4%.....		10,000	8,800
Pha. Cst. R. R., r. m., 1956, 4%.....		10,000	9,200
N. Y. C. & H. R. R., 1907, 3½%.....		10,000	8,300
N. Y. N. H. & H. R. R., d. ba., 1948.....		7,000	7,420
N. Y. N. H. & H. Cv., 1956, 3½%.....		30,000	20,400
N. O. M. & Chi. R. R., 1 m., 1900, 5%.....		10,000	3,500
Pac. R. R. of Mo., 1938, 4%.....		10,000	9,000
Phil. Balt. & Wash. R. R., s. g., 1920, 4%.....		5,000	4,950
Pha. Balt. & Wash. R. R., 1 m., 1943, 4%.....		10,000	9,900
Prov. T. l. m., g., 1956, 4%.....		5,000	4,200
Rail & Canal R. R., 1 m., pr. l. m., g., 1956, 4%.....		10,000	8,300
Rail. Prod. & Pot. R. R., m., 1940, 4½%.....		8,000	8,000
Rail. & Pot. R. R., ca. m., 1915, 6%.....		5,000	5,050
St. L. & West. R. R., 1 m., 1950, 4%.....		15,000	7,050
T. & E. R. Am'n. St. L., 1939, 4½%.....		6,000	6,000
Vandalia Ca. l. m., R. R. g., 1955, 4%.....		10,000	9,300
West Md. R. R., 1 m., 1952, 4%.....		10,000	6,200
W. S. R. R., 2341, 4%.....		15,000	13,950
Wil. & Weld. R. R., 1 m., 1935, 4%.....		10,000	9,400
Aspen-Aiken Ry. & El. 1935, 5%.....		5,000	4,300
Balt. Spar. Pt. & Ches. Ry., 1953, 4½%.....		5,000	4,900
Bm. Ala. Ry. Lt. & Pow., gn. m., 1954, 4½%.....		10,000	9,000
Can. No. Ry. Winn. T. g., 1939, 4%.....		10,000	9,300
Can. of Ga. Ry. 1 m., 1921, 4%.....		6,000	5,760
Chal. & W. Car. Ry., 1946, 5%.....		5,000	5,150
Can. Pac. Ry. I. r., 1949, 4%.....		15,000	14,100
Chi. Mil. & St. P. Ry., 1939, 4%.....		10,000	9,600
City & Sub. Ry., 1 m., 1922, 5%.....		10,000	10,300
Col. Ry. Gas & El., 1 m., 1936, 5%.....		5,000	4,650
Dak. Va. Te. & Pow., 1 m., g., 1941, 5%.....		5,000	4,600
Pha. W. B. Ry. 1924, 5%.....		5,000	4,750

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Fl. W. & Wab. Val. Tc., 1 m., g., 1934, 5%.....		\$5,000	\$4,150
Gt. No. Ry., 1 m., 1961, 4½%.....		10,000	10,100
Ga. So. & Fla. Ry., 1 m., 1945, 5%.....		10,000	10,500
Md. El. Ry., g., 1931, 5%.....		20,000	19,800
Monongahela Val. Tc., 1 m., 1942, 5%.....		10,000	9,300
Newport News, Old Pt. Ry. & El. g., 1938, 5%.....		5,000	4,500
Nor. & Ports. Tc., 1 m., g., 1936, 5%.....		10,000	8,700
Nor. Ry. & Lt., 1 m., g., 1949, 5%.....		10,000	9,800
N. W. T. Ry., 1 m., 1926, 5%.....		10,000	8,200
Kan. & Mich. Ry., 2 m., g., 1927, 5%.....		10,000	9,900
Om. & C. Bluffs Ry. & Bg., g., 1928, 5%.....		10,000	9,700
Roanoke, Va. Tc. & Lt., 1 m., g., 1938, 5%.....		10,000	9,200
St. Jos. Ry., Lt., Ht. & Pow., g., 1937, 5%.....		10,000	9,900
Sea. A. L. Ry., 1 m., 1930, 4%.....		34,000	28,900
Sea. A. L. Atl. & Birm. Div., g., 1933, 4%.....		10,000	8,500
So. Ry. St. L. Div., 1 m., g., 1951, 4%.....		10,000	8,700
So. Ga. Ry., g., 1923, 5%.....		5,000	4,650
Suff. & Car. Ry., g., 1952.....		10,000	9,800
U. & No. Ry. 1 m., 1933, 4%.....		10,000	9,300
Va. Ry., 1 m., g., 1934, 5%.....		10,000	9,200
Va. Ry. & Pow., 1 m., g., 1962, 5%.....		15,000	14,700
Balt. Co. W. & El., 1 m., 1946, 5%.....		10,000	9,800
Balt. El., 1 m., g., 1947, 5%.....		15,000	14,850
Ca. Gas., 1939, 5%.....		15,000	15,900
Ca. Gas., gn. m. g., 1954, 4½%.....		12,000	11,400
Ca. Coal, g., 1923, 6%.....		2,500	2,535
Ca. Coal, 1 m., g., 1950, 5%.....		10,000	8,900
Pa. W. & Pow., 1 m., 1940, 5%.....		15,000	13,650
Porta. & Soft. W., 1 m., g., 1927, 6%.....		5,000	5,300
U. El. of N. J., 1 m., g., 1949, 4%.....		10,000	8,100
Ca. Gas, El. Lt. & Pow., g., 1935, 4½%.....		5,000	4,500
Stocks.			
Cit. Nat. Bk.		7,500	32,250
Com. & Far. Nat. Bk.			5
Drovers & Mech. Nat. Bk.		4,000	8,880
Far. & Merch. Nat. Bk.		6,000	7,380
First Nat. Bk.		1,500	2,250
German Bank		80,200	97,844
German Amer. Bk.		36,000	39,600
Nat. Ex. Bk.		7,500	12,225
Nat. Mar. Bk.		4,500	5,985
Nat. Un. Bk.		13,100	18,078
Second Nat. Bk.		8,300	17,181
West. Nat. Bk.		21,740	40,436
Fidelity & Deposit		27,500	40,425
Fidelity Trust		2,000	6,000
Maryland Trust, c. s.		4,200	4,746
Maryland Trust, pr.		1,500	1,784
Mer. Trust & Dep.		15,000	27,750
Safe Dep. & Tr. of Balt.		2,000	12,400
U. S. F. & G.		6,300	11,655
Atl. Cst. L. of Conn.		5,000	12,700
N. Y., N. H. & H. R. R.		6,700	3,685
No. Cen. R. R.		21,250	38,475
Atl. Cst. L. R. R. of Va., c. s.		10,000	12,100
Balt. El., p.		10,000	9,200
Ca. Gas El. Lt. & Pow.		10,000	11,400
Ca. Coal.		10,000	9,300
Md. Life Ins.		2,000	4,000
Merch. & Min. Trans.		25,000	7,500
Ca. Gas El. Lt. & Pow., c. s.		1,000	1,070
Balt. Tr.		16,700	25,050

Totals (book value, \$1,389,657)..... \$1,365,390 *\$1,432,810

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: The capital has been increased from time to time from \$60,000 to \$500,000, all out of accumulated surplus. The company operates in Md. and Va. Conflagration loss: Baltimore, 1904, \$924,497.

DIRECTORS: J. G. Hulshoff, C. H. Koppelman, George Bunnock, August Wehr, John P. Lauber, Anton H. Fetting, August Weber, John B. Adt, Lewis H. Uhrig, Kilian A. Volk, George Lang, Frank J. Roll.

TERRITORY COVERED: The company is licensed in Md. and Va. only.

GERMAN INSURANCE COMPANY, Louisville, Ky.

President, Henry C. Walbeck; Secretary, A. P. Winkler. Organized, 1854.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$479,103	\$34,807	\$244,296	\$25,283	\$50,857	\$5,518	\$12,000	\$23,726	\$41,244	\$5,455
1913	473,985	27,206	246,504	15,413	42,275	4,461	12,000	21,562	38,023	4,461
1912	466,294	26,894	239,325	15,732	39,827	2,868	12,000	16,629	31,497	2,793
1911	459,322	25,966	233,156	16,466	39,566	3,161	12,000	15,643	30,804	3,261
1910	449,359	23,889	225,394	15,823	37,011	2,180	12,000	14,178	28,357	1,959

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans	\$261,039	Unearned prems.	\$34,807
Bonds and stocks	51,325	Total liabilities	\$34,807
Collateral loans	47,658	Capital paid up	200,000
Cash	6,471	Net surplus	244,296
Agents' balances	254		
Interest and rents	7,112		
First lien notes	104,973		
Total assets	\$479,103	Total	\$479,103

Underwriting loss, \$2,157; investment profit, \$11,949.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,414,340; premiums thereon, \$64,423.

BUSINESS SINCE ORGANIZATION: Premiums received, \$849,049; losses paid, \$265,175; dividends declared, cash, \$458,000; stock, \$100,000.

MORTGAGE LOANS: There are 71 loans aggregating \$261,039, on first-class property in Louisville and vicinity, valued at more than double the amount loaned thereon. On December 31, last, \$81 of interest was overdue.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
SECURITIES.			
Second Eng. Luth. Ch., r. e. m., 1922, 4%		\$17,000	\$14,000
German Ins. Bk., stk.		1,625	1,425
German Ins. Bk., stk.		3,250	1,400

COLLATERAL LOANS.—Cont.		Market Value.	Amount Loaned.
SECURITIES.—Cont.			
Inter-Southern Life Ins.		\$876	900
Hotel Property Co., p.		900	
Louisville T. Co.		800	\$18,000
Seelbach Realty, com.		2,500	
Seelbach Realty, p.		3,000	
Louisville Hg.		9,500	
German Ins. Bk., stk.		1,625	1,425
German Ins. Bk., stk.		3,250	2,500
German Ins. Bk., stk.		1,625	200
German Ins. Bk., stk.		1,625	660
Deed of Trust to 11 parcels of land		10,000	8,045
Totals		\$57,575	\$47,658

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Louisville, Ky., 1928, 4%		\$3,000	\$3,000
So. Pac., 1904, 5%		2,000	1,920
STOCKS.			
German Ins. Bk., Louisville		3,950	12,838
L. & N. R. R.		10,000	11,500
So. Pac. R. R.		20,000	17,000
Totals (book value, \$50,250)		\$43,950	\$46,323

DIRECTORS: Edw. F. Peter, Alfred Struck, Geo. Kopmeir, H. C. Walbeck, A. P. Winkler, Henry Almstedt, Chas. Scholtz, Jr.
TERRITORY COVERED: Ky. only.

GERMAN FIRE INSURANCE COMPANY, Peoria, Ill.

President, Bernard Cremer; Secretary, Charles Cremer. Organized, 1876.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,061,555	\$689,581	\$30,504	\$372,176	\$918,161	\$641,382	\$40,000	\$335,706	\$1,017,088	\$648,989
1913	1,185,756	665,136	174,422	930,316	964,390	447,513	20,000	318,941	786,454	464,911
1912	1,011,266	493,256	203,294	604,515	637,634	255,996	20,000	209,367	485,263	262,380
1911	794,233	357,092	172,782	387,871	422,140	249,606		146,146	394,754	235,000
1910	769,134	378,105	134,042	400,034	428,897	244,200		149,858	394,058	251,229

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$250,000	Losses unpaid	\$108,102
Mortgage loans	260,750	Unearned prems.	689,581
Bonds and stocks	358,235	Other liabilities	35,368
Loans on Avery Co. stk., val. \$6,000	1,500	Total liabilities	\$831,051
Cash	60,522	Capital paid up	200,000
Agents' balances	123,669	Net surplus	30,504
Interest	6,879		
Total assets	\$1,061,555	Total	\$1,061,555

Underwriting loss, \$169,541; investment profit, \$65,623.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$114,284,683; premiums thereon, \$1,327,650.

BUSINESS SINCE ORGANIZATION: Premiums received, \$10,844,733; losses paid, \$5,693,044; dividends declared, cash, \$436,000.

REAL ESTATE OWNED: The only property is at Main and Jefferson sts., Peoria, Ill., the actual cost of which is \$250,000, subject to a mortgage of \$15,000. This property is valued at \$250,000.

MORTGAGE LOANS: There are 22 loans, of which the largest are: one of \$75,000 on 113-115 W. Jefferson St., Peoria, Ill., which property is valued at \$200,000; one of \$20,000 on N. W. corner Main and Madison sts., Peoria, valued at \$60,000, and one of \$19,000 at 608-614 W. 12th st., Chicago, valued at \$60,500. Of the remainder, the more important ones are upon properties in and near Peoria and Chicago, while others are upon farm properties in Ill., Ia. and Miss. There was \$978 of interest overdue on December 31, last, and the total valuation of the properties securing \$252,171 of loans is \$827,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Peoria, Ill., imp., 5%		\$9,500	\$9,500
Hippodrome Theatre and O. Bldg, 1933, 6%		10,000	10,000
C. & A. R. R., bs., 1950, 3 1/2%		10,000	4,300
Nat. Bk. of Commerce, N. Y., stk.		10,000	16,800
State Bk. of Chicago, stk.		7,500	29,400
Home Sav. & State Bk., Peoria, stk.		12,500	34,375
Coml. Ger. Nat. Bk., stk.		96,100	249,860
Standard Bldg. Loan Assn., Denver, stk.		5,000	4,000
Totals (book value, \$237,925)		\$160,600	\$358,235

MISCELLANEOUS: Capital increased in 1882 from \$100,000 to \$200,000, and in 1884 from \$200,000 to \$300,000; capital reduced in 1892 from \$300,000 to \$200,000. In 1906 the stockholders paid in \$100,000 to surplus. Confagration losses: Baltimore, 1904, \$102,697; San Francisco, 1906, \$470,165.

DIRECTORS: Bernard Cremer, Frank Giehl, Mich. Pfeifer, M. S. Cremer, F. M. Story, Rob Zimmermann.

FIELD MEN AND TERRITORY COVERED: Brummel Bros. for Cook Co.; Sam Richmond, for Ill.; W. C. Collman, State agent for Ia.; Lohmeyer, Goldsmith, Patterson Co., State agent for W. Va.; W. L. Nelson & Co., Memphis, Tenn., for Tenn. Ark. and Miss. J. Temple Dowell, state agent for La. The company operates in Ala., Cal., Colo., Ill., Ind., Ia., Ky., La Mich., Minn., N. J., N. Y., Pa., Tenn., Tex., Utah., W. Va. and Wis.

GERMAN FIRE INSURANCE COMPANY OF THE CITY OF PITTSBURG, Pittsburgh, Pa.

President, A. E. Sucoop; Secretary, A. H. Eckert. Organized, 1862.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,127,464	\$591,038	\$170,955	\$529,486	\$585,565	\$297,966	\$36,000	\$246,652	\$580,618	\$301,617
1913	1,130,359	611,226	169,096	581,042	636,504	325,079	36,000	263,843	624,922	302,315
1912	1,123,143	618,227	142,381	604,804	671,730	320,780	36,000	273,254	630,034	313,731
1911	1,099,090	602,231	136,383	582,323	639,617	347,171	36,000	277,120	660,291	324,851
1910	1,123,449	612,585	137,096	720,770	776,518	388,015	36,000	332,628	756,643	381,707

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$168,200	Losses unpaid	\$50,726
Mortgage loans	515,406	Unearned premiums	591,038
Bonds and stocks	55,631	Other liabilities	14,745
Collateral loans	135,325		
Cash	146,517	Total liabilities	\$658,509
Agents' balances	95,430	Capital paid up	300,000
Interest and rents	10,355	Net surplus	170,955
Other assets	100		
Total assets	\$1,127,464	Total	\$1,127,464

REAL ESTATE OWNED: The principal item is the company's home office building, which cost \$123,255 in 1902, and is carried at \$150,000. The remaining parcels are four dwellings, carried at \$5,000, \$5,000, \$1,200 and \$3,500, respectively.

MORTGAGE LOANS: There are 199 loans, amounting to \$336,367, which are secured by properties located in Pittsburgh and neighboring towns, valued at \$1,340,350, the insurance held by the company on buildings being \$615,200. There was \$1,437 of interest past due on December 31, last. The largest loan is one of \$15,000.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned
Securities			
Westinghouse Air Brake		\$1,320	\$1,000
German Nat. Bk. of Pittsburgh, Pa.		1,246	1,000
Diamond Nat. Bk. of Pittsburgh, Pa.		4,560	
Westinghouse El. & Mfg., aetg. stk.		1,480	
American Window Glass Mch., c.		1,000	6,700
American Window Glass Mch., p.		3,750	
Calkins & Arisona Mining		1,600	
Real Estate Trust, Pittsburgh, Pa.		6,500	
West End Bank & Trust		4,050	8,800
Columbia Nat. Bk. of Pittsburgh		1,505	
American Milling		500	
Safe Deposit & Trust, Pittsburgh		14,030	12,200
McKees Rocks Trust		950	
Manufacturers L. & H.		5,000	4,125
Crescent Steel, c.		4,000	
Manufacturers L. & H.		18,350	20,000
American Window Glass Mch., p.		3,750	
Colonial Trust, Pittsburgh		23,520	18,000
American Window Glass Mch., p.		7,500	2,000
Pittsburg Brewing, p.		5,200	
Pittsburg Brewing, c.		4,000	2,500
Manufacturers L. & H.		7,500	5,000

COLLATERAL LOANS.—Cont.		Market Value.	Amount Loaned.
Securities.—Cont.			
Louisville & Nashville R.R.		\$1,380	
Southern Railway		1,900	
Liggett & Meyers		21,600	
American Can.		2,700	
Northern Pacific R.R.		11,100	\$50,000
Reading R.R.		24,600	
Chesapeake & Ohio R.R.		5,100	
Canadian Pacific R.R.		1,980	
Southern Pacific R.R.		4,800	
Germania Savings Bk., Pittsburgh		10,880	4,500
Totals		\$207,921	\$135,825

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Milw., Et. & Sharps, st. ry., 1923, 5%		\$16,500	\$16,005
Pitts. & Birmingham Trac., 1929, 5%		8,000	8,160
Stocks.			
Fifth Av. Bk., Pitts.		500	900
German Nat. Bk., Pittsburgh, Pa.		10,000	17,800
Met. Nat. Bk., Pittsburgh, Pa.		600	608
Mil. Under. bldg.		160	160
Third Nat. Bk., Pittsburgh		10,000	12,000
Totals (book value, \$59,224)		\$45,760	\$55,631

MISCELLANEOUS: In 1877 company paid stock dividend of \$150,000. In 1907, capital increased from \$200,000 to \$300,000 by payment of \$150,000, of which \$100,000 went to capital and \$50,000 to surplus. Conflagration loss: Chelsea, 1908, \$65,000.

DIRECTORS: A. E. Sucoop, Geo. Wamhoff, Sr., A. H. Eckert, John A. Eckert, J. McF. Carpenter, Chas. A. Muehlbrunner, August Daub, A. E. Niemann, Dr. W. J. Langfitt, Gustav Wehrstedt, John C. Kohne, C. H. E. Sucoop.

FIELD MEN AND TERRITORY COVERED: Special jurisdiction of home office, Allegheny Co., Pa.; Fred G. Fuessel, Jr., State agent for Ill., Mo. and Wis.; general agents for Middle Pa., Thess Bros., Wilkes-Barre, Pa.; Emil J. Hermann, Detroit, Mich., special agent for Mich.; J. B. Hotaling, special agent for N. Y.; Lockwood Bros. & Ward, managers Metropolitan district, New York Cy., and general agents for N. J.; Geo. T. Wilson, State agent for O. and Ind.; Cashman & Evans, general agents for Colo.; Bertheau, Selbach and Bertheau, San Francisco, Cal., general agents for Cal. and Utah. The company operates in Cal., Colo., Conn., Ill., Ind., Mass., Md., Mich., Mo., N. J., N. Y., O., Pa., Utah, Wash. and Wis.

GERMAN FIRE INSURANCE COMPANY, Wheeling, W. Va.

President, Wm. F. Stifel; Secretary, F. Riester. Organized, 1867.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$620,024	\$237,079	\$121,153	\$246,279	\$296,660	\$207,390	\$16,000	\$124,971	\$348,361	\$203,947
1913	672,105	276,565	156,432	300,873	331,446	163,120	18,000	149,373	330,493	164,729
1912	690,082	269,049	178,576	298,983	329,778	173,894	18,000	145,926	337,820	169,100
1911	696,314	254,942	198,466	293,158	324,162	167,193	24,000	144,977	326,170	155,298
1910	680,126	223,404	223,587	268,285	297,589	118,806	24,000	131,145	273,950	121,967

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$75,000	Losses unpaid	\$35,966
Mortgage loans	33,200	Unearned premiums	237,079
Bonds and stocks	409,080	Other liabilities	25,806
Loan on Pan Hdl. Tr.			
val. \$43,990	28,340	Total liabilities	\$298,871
Cash	20,861	Capital paid up	200,000
Agents' balances	42,128	Net surplus	121,153
Interest and rents	6,415		
Total assets	\$620,024	Total	\$620,024

Underwriting loss, \$43,778; investment profit, \$24,499.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$43,138,661; premiums thereon, \$458,367.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,445,167; losses paid, \$2,169,233; dividends declared, cash, \$478,000; stock, \$90,000.

REAL ESTATE OWNED: Consists of 2 2-story brick office buildings, with lot 66x150 ft., on Chapline st., Wheeling, book value, \$66,354.

MORTGAGE LOANS: There are 7 loans, aggregating \$38,200 and protected by property valued at \$129,500. The largest is a loan of \$20,000 on a brick building at 1219 Market st., Wheeling, valued at \$50,000. There was no interest overdue on December 31, last.

GERMAN FIRE INSURANCE COMPANY, Wheeling, W. Va.—Continued.

BONDS OWNED:		Par Value.	Market Value.
U. S. c., 1925, 4 $\frac{1}{2}$ %		\$50,000	\$55,500
U. S. Pan. Can., 1901, 3 $\frac{1}{2}$ %		50,000	50,500
Wheeling, W. Va., 1919, 5 $\frac{1}{2}$ %		10,500	10,500
Wheeling, W. Va., r., 1915-30, 4 $\frac{1}{2}$ %		19,000	19,000
Wheeling, W. Va., imp., 1919-34, 4 $\frac{1}{2}$ %		54,000	54,000
Wheeling, W. Va., sc., 1927-29, 4 $\frac{1}{2}$ %		30,000	30,300
Ohio Co., W. Va., 1921, 4 $\frac{1}{2}$ %		1,000	1,000
Wheeling, Te., 1931, 5 $\frac{1}{2}$ %		45,000	42,750
Wheeling, & Elm Gr. R.R., 1931, 5 $\frac{1}{2}$ %		42,000	39,900
Ind. & Nwn. Tc., 1923, 5 $\frac{1}{2}$ %		15,000	13,650
Wheeling Bd. of Tr. Bldg., 1922, 5 $\frac{1}{2}$ %		5,000	4,750
Sands Realty, 1930, 6 $\frac{1}{2}$ %		10,000	10,000
Underw. Bldg., N. Y., 1928, 5 $\frac{1}{2}$ %		10,000	10,000
Labelle Iron Wks., 1923, 6 $\frac{1}{2}$ %		17,000	17,340
Wheeling Steel & L., 1919, 5 $\frac{1}{2}$ %		1,000	1,000
Whitaker-Glessner, 1916-24, 6 $\frac{1}{2}$ %		9,000	9,090
Wheeling Mould & Fdry., 1930, 6 $\frac{1}{2}$ %		5,000	4,850
Ward Baking, N. Y., 1937, 6 $\frac{1}{2}$ %		20,000	18,800
Hazel Atlas Glass, 1931, 6 $\frac{1}{2}$ %		15,000	15,150
Totals (book values, \$409,500)		\$409,500	\$409,080

MISCELLANEOUS: Capital increased in 1868 from \$10,000 paid up to \$15,000 paid up by stock dividend of \$5,000; in 1869 to \$23,000; in 1871 to \$33,000; in 1872 to \$50,000; in 1873 to \$60,000; in 1874 to \$70,000; in 1875 to \$100,000; all by stock dividends. In 1905 capital was increased from \$100,000 to \$200,000 by cash payments; conflagration loss; Salem, 1914, \$23,001.

DIRECTORS: Wm. F. Stifel, August Rolf, Henry Bieberson, Geo. E. Stifel, Anton Reymann, F. Riester, F. C. Drieborst, H. E. Osterling.

FIELD MEN AND TERRITORY COVERED: Herrick & Auerbach, Chicago, Ill., general agents for Ill., Colo., Minn., Mich. and Wis.; S. W. Rice, superintendent of agencies; J. G. Hillard, manager Metropolitan district, N. Y. City; Edward A. Keeler, special agent for Ohio, Ind. and Pa.; Chester C. Wright, special agent for W. Va.; F. C. Sturtevant, manager Eastern department, comprising N. Y. State (except Metropolitan dist.) and Mass. The company operates in Colo., Ill., Ind., Mass., Mich., Minn., N. Y., O., Pa., W. Va. and Wis.

GERMAN ALLIANCE INSURANCE COMPANY, New York, N. Y.

President, William N. Kremer; Secretary, Elwin M. Cragin. Organized, 1897.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,920,062	\$497,409	\$889,267	\$617,907	\$707,232	\$403,882	\$60,000	\$191,357	\$655,239	\$423,347
1913	1,864,277	487,667	869,737	628,327	710,134	343,048	60,000	239,970	643,018	332,377
1912	1,909,836	466,074	885,544	613,319	689,339	362,242	60,000	187,542	609,784	359,667
1911	1,834,026	438,523	841,787	586,840	657,127	328,772	60,000	174,696	563,468	343,682
1910	1,732,692	413,896	790,740	528,563	599,427	272,927	60,000	166,875	499,802	268,571

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Loan on 10 E. 95th st., N. Y., val., \$38,000	\$25,000	Losses unpaid	\$123,386
Bonds and stocks	1,706,556	Unearned prems.	497,409
Cash	70,398	Other liabilities	10,000
Agents' balances	109,126	Total liabilities	\$630,795
Interest	8,882	Capital paid up	400,000
		Net surplus	889,267
Total assets	\$1,920,062	Total	\$1,920,062

Underwriting loss, \$10,298; investment profit, \$90,827.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$94,621,984; premiums thereon, \$938,138.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,269,787; losses paid, \$4,737,546; dividends declared, cash, \$660,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
U. S., reg., 1925, 4 $\frac{1}{2}$ %		\$130,000	\$143,000
U. S., reg., 1930, 2 $\frac{1}{2}$ %		10,000	9,700
Mass. State, reg., 1942, 3 $\frac{1}{2}$ %		1,000	920
N. Y. Cy. sc. hae., reg., 1928, 3 $\frac{1}{2}$ %		75,000	69,750
Atch., T. & S. F. Ry., cv., 1960, 4 $\frac{1}{2}$ %		25,000	23,250
Atch., T. & S. F. Ry., gn. m., 1995, 4 $\frac{1}{2}$ %		10,000	9,200
Balt. & O. R. R., cv., 1933, 4 $\frac{1}{2}$ %		15,000	12,750
C. R. R., N. J., gn. m., c., 1987, 5 $\frac{1}{2}$ %		10,000	11,300
C. R. R., N. J., gn. m., reg., 1987, 5 $\frac{1}{2}$ %		10,000	11,300
Ches. & O. Ry., gn., 1992, 4 $\frac{1}{2}$ %		25,000	22,250
C. B. & Q. R. R., Ill. Div., 1949, 3 $\frac{1}{2}$ %		5,000	4,050
C. & E. Ill. R. R., 1 ca., 1934, 6 $\frac{1}{2}$ %		25,000	25,250
C. I. & So. R. R., r., 1956, 4 $\frac{1}{2}$ %		20,000	16,600
C. M. & St. P. R. R., cv., 1932, 4 $\frac{1}{2}$ %		10,000	9,700
Hooking Val. Ry., 1 ca., 1999, 4 $\frac{1}{2}$ %		10,000	9,400
Mo., Kan. & Tex. Ry., 1990, 4 $\frac{1}{2}$ %		25,000	19,500
N. O. Tm., 1 m., 1953, 4 $\frac{1}{2}$ %		25,000	18,000
N. Y. C. & H. R. R. R., eq., 1922-28, 4 $\frac{1}{2}$ %		25,000	23,750
N. & W. Ry., div., 1 & gn. m., 1944, 4 $\frac{1}{2}$ %		30,000	26,700
No. Pac.—Gt. No. R. R., jt., 1921, 4 $\frac{1}{2}$ %		10,000	9,900
Ore. S. L. R. R., r., 1929, 4 $\frac{1}{2}$ %		25,000	22,250
So. Pac., cv., 1934, 5 $\frac{1}{2}$ %		10,000	9,700
So. Pac., eq. tr. cts., ser., 1915-23, 4 $\frac{1}{2}$ %		18,000	17,640
So. Ry., 1 ca., 1944, 5 $\frac{1}{2}$ %		10,000	9,900
So. Ry., dev. gn. m., 1956, 4 $\frac{1}{2}$ %		25,000	16,500
3rd Ave. R. R., 1 r., 1960, 4 $\frac{1}{2}$ %		10,000	8,000
Amer. Tl. & Tg., cv., 1933, 4 $\frac{1}{2}$ %		10,000	9,700
Edison El. Illuminating, 1, 1995, 5 $\frac{1}{2}$ %		10,000	10,500

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
K. & H. C. & C., 1, 1951, 5 $\frac{1}{2}$ %		\$20,000	\$18,500
N. Y. Tl., 1, 1939, 4 $\frac{1}{2}$ %		20,000	19,200
U. S. Steel Cp., s. f., 1963, 5 $\frac{1}{2}$ %		30,000	30,300
W. Union Tg., col. tr., 1938, 5 $\frac{1}{2}$ %		2,000	1,860
Westinghouse El. & Mfg., cv., 1931, 5 $\frac{1}{2}$ %		15,000	13,650

Stocks.		Par Value.	Market Value.
Atch., Top. & S. Fe Ry., com		30,000	28,500
B. & O. R.R., p.		21,200	14,625
B. & O. R.R., com		35,250	24,323
Chi., Mil. & St. P. R.R., p		20,000	25,600
Chi. & Nwn. R.R., p.		20,000	33,000
Chi. & Nwn. R.R., com		60,000	75,000
Del. & Hud.		10,000	14,100
Erie R. R., p		30,000	10,200
Gt. No. Ry., p		47,500	54,150
Lehigh Val. R. R., com		10,000	13,100
L. & N. R. R.		12,000	13,440
Manhattan El. R. R.		30,000	37,500
Penn. R. R.		192,500	205,975
R. & S. R. R., gr		10,000	17,100
So. Pac., ctf. of interest		18,900	17,766
So. Ry., p.		100,000	62,000
Un. Pac. R. R., p		60,000	48,000
Un. Pac. R. R., com		25,000	29,750
Citizens' Cent. Nat. Bk.		22,800	36,450
Nat. Bk. of Com.		12,500	21,000
Amer. Su. Ref., p		20,000	22,500
Amer. Tl. & Tg.		60,000	70,800
Ca. Ge.		30,000	34,300
Inter. Harv., N. J., p.		10,000	11,600
Inter. Harv. Corp., p.		10,000	11,500
Lehigh Val. Coal Sales		1,250	2,062
Nat. Su. Ref.		1,000	900
Undwrs. Slvg., N. Y.		1,000	1,000
W. U. Tl.		30,000	17,700

Totals (book value, \$1,815,328)..... \$1,631,900 *\$1,618,744

* Securities as per company's valuations; the item in Asset is based on Ins. Dept. valuations.

MISCELLANEOUS: This company began business with paid-up capital of \$200,000 and a surplus of \$100,000. Capital increased in 1898 from \$200,000 to \$400,000 and \$100,000 added to surplus. Conflagration losses: Baltimore, 1904, \$65,471.

GERMAN ALLIANCE INSURANCE COMPANY, New York, N. Y.—Continued.

San Francisco, 1906, \$256,537. Value of special deposits: Ga., \$11,100; Va., \$20,800.

DIRECTORS: Joseph H. Choate, Ralph L. Cutter, Otto L. Dommerich, Estie L. Hopkins, William N. Kremer, Woodbury Langdon, Lowell Lincoln, Geo. W. Perkins, Julius A. Stursburg, William Wood, Chas. G. Smith, Chas. H. Coffin, H. C. Fleitman, Howard C. Smith, John W. Sterling.

FIELD MEN AND TERRITORY COVERED: E. S. Archer, Hartford, Conn., special agent for Conn.; L. B. Alexander, Parkersburg, W. Va., special agent for W. Va.; W. E. Ash, Leighton, Pa., special agent for Penn.; T. J. Barber, Jr., Winston Salem, N. C., special agent for N. C.; Harry E. Parker, Birmingham, Ala., special agent for Ala.; J. M. Donald, Rochester, N. Y., special agent for N. Y.; K. S. Duesy, Boston, Mass., special agent for Mass.; C. F. Hard, Greenville, S. C., special agent for Fla., Ga., and S. C.; W. C. Howe, Albany, N. Y., special agent for N. Y.; R. R. McDowell, Dallas, Tex., special agent for Tex.; T. E. Mount, Baltimore, Md., special agent for Del., Dis. of Col. & Md.; W. P. Phillips, New York City, special agent for N. Y.; C. H. Philbrick, Providence, R. I., special agent for R. I.; C. Reynolds, Paterson, N. J., special agent for N. J. (Northern, N. J.); E. F. Scott, Louisville, Ky., special agent for Ky. & Tenn.; P. F. Turner, Portland, Me., special agent for Maine & N. H.; J. D. Talley, Pittsburg, Pa., special agent for Pa.; Geo. N. Hart, Atlanta, Ga., special agent for Ga.; J. M. Woodruff, Philadelphia, Pa., special agent for Pa. and N. J.; E. E. Paschal, New York City, special agent for N. J.; L. F. Braud, New Orleans, La., special agent for La.; F. P. Stoddard, Syracuse, N. Y., special agent for N. Y.; Alexander Webb, Raleigh, N. C., general agent for N. C.; J. M. Parrish, Jackson, Miss., special agent for Miss.; W. H. Ruge, mgr., J. C. Ingram, asst. mgr., W. L. Leroh, sec. asst. mgr., Chicago, Ill., for the Western department; Clarence A. Allen, Minneapolis, Minn., state agent for Minn. and West. Can.; Edmund O. Basso, Milwaukee, Wis., state agent for Wis.; William F. Benbow, Aberdeen, S. D., special agent for S. D., N. D. and Mont.; James Brundritt, Oklahoma City, Okla., special agent for Okla. (W.); Henry G. Gasper, Mattoon, Ill., special agent for Ill.; C. A. Dafa, Bad Axe, Mich., special agent for Mich.

and So. Can.; Guy E. Dixon, Springfield, Mo., special agent for Mo.; Will I. Drum, Topeka, Kan., special agent for Kan.; Clifford B. Dye, Columbus, O., special agent for O.; Joseph O. Dye, Columbus, O., state agent for O.; William C. Fowler, Chicago, Ill., State agent for Mich. and So. Can.; Burt J. Gilmore, Indianapolis, Ind., State agent for Ind.; Charles H. Herrmann, Chicago, Ill., special agent for Cook Co., Ill.; Joseph E. Innis, Columbus, O., special agent for O.; Alvin L. Jessup, Denver, Colo., State agent for Colo., N. M. and Wyo.; Robert J. Jordan, Minneapolis, Minn., special agent for Minn. and W. Can.; Phil H. Knighton, Hannibal, Mo., State agent for Mo.; Julius M. Miller, Muskogee, Okla., special agent for Okla.; Walter E. Miller, Chicago, Ill., State agent for Ill.; Albert S. Reed, Aberdeen, S. D., State agent for S. D., N. D. and Mont.; Lynn C. Storey, Lincoln, Neb., State agent for Neb.; Roger Swire, Iowa City, Ia., State agent for Ia.; Wm. Paton McGuire, Independence, Ia., special agent for Ia.; Frank Wright, Indianapolis, Ind., special agent for Ind.; George G. Wright, Milwaukee, Wis., special agent for Wis.; A. Wm. Baxter, Detroit, Mich., special agent for Mich.; Rollin J. Hopkirk, Fort Madison, Ia., special agent for Ia.; William E. Landers, Dayton, O., special agent for O.; Fred Mers, Indianapolis, Ind., special agent for Ind.; Wm. F. Wooster, Indianapolis, Ind., special agent for Ind.; Charles E. Conrad, Hastings, Neb., special agent for Neb.; George E. Carr, William M. Carr, Thomas Cowley, George W. Mendenhall and James K. Stuart, Des Moines Ia., special agents for Ia.; George H. Tyson, general agent, H. Folger, assistant general manager, C. E. E. Ellis, James B. Hatcher, Douglas Parker and Harry L. Cope, San Francisco, Cal., special agents covering San Francisco and Bay counties, San Joaquin Valley; E. F. Hewitt, Sacramento, Cal., special agent for no. Cal.; Earl R. Holland, Los Angeles, special agent for so. Cal. and Ariz.; A. M. Peckham, Portland, Ore., special agent for Ore.; Frank O. Vincent, Spokane, Wash., special agent for eastern Wash. and northern Idaho; W. T. Burwell, Seattle, Wash., special agents for western Wash. and British Columbia; Arthur D. Ferns, Salt Lake City, Utah, special agent for Utah, Mont., So. Idaho, Nev. and Ore.; Seattle, Wash., special agent for western Wash. and British Columbia. The company operates in all the States and Territories except N. M. and Vt.

GERMAN-AMERICAN INSURANCE COMPANY, New York, N. Y.

President, Wm. N. Kremer; Vice-Presidents, Charles G. Smith and C. H. Coffin; Secretary, Edwin M. Cragin; Assistant Secretary, Jesse E. White. Organized, 1872.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$23,248,720	\$9,186,458	\$9,898,010	\$8,678,173	\$9,770,839	\$5,369,285	\$600,000	\$3,404,694	\$9,274,079	\$5,446,481
1913	21,262,016	9,420,868	9,412,963	9,009,134	10,119,687	4,931,559	600,000	3,452,712	8,984,271	4,861,752
1912	21,814,475	8,444,179	9,963,448	8,470,180	9,691,676	4,791,552	600,000	3,215,613	8,608,165	4,618,228
1911	20,763,408	8,155,007	9,204,426	8,356,806	9,273,848	4,909,584	555,000	3,286,644	8,751,228	4,795,006
1910	17,531,562	6,917,453	7,904,150	7,150,198	7,940,917	3,571,420	450,000	2,613,303	6,634,723	3,490,002

ASSETS, Dec. 31, 1914.

Real estate	\$2,450,000
Mortgage loans	35,500
Bonds and stocks	16,840,402
Cash	1,223,746
Agents' balances	1,645,759
Interest and rent	145,752
Bills receivable	46,019

Total.....\$22,287,178
Spl. dep. over liab. 37,458

Total assets.....\$22,249,720

LIABILITIES, Dec. 31, 1914.

Losses unpaid	\$1,095,475
Unearned premiums	9,186,458
Other liabilities	192,777
Total liabilities	\$10,456,710
Capital paid up	2,000,000
Net surplus	9,893,010

Total.....\$22,249,720

Underwriting profit, \$92,795; investment profit, \$1,024,720.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,571,577,563; premiums thereon, \$18,004,511.

BUSINESS SINCE ORGANIZATION: Premiums received, \$149,010,457; losses paid, \$80,771,396; dividends declared, cash, \$11,205,000.

REAL ESTATE OWNED: Consists of the 20-story office building at Nos. 63-78 Maiden Lane, and Nos. 1-11 Liberty st., New York, which cost \$1,563,261, valued at \$1,630,000, and back buildings at Irving place and Main st. and on Exchange st., Rochester, N. Y., which cost \$965,612, and are valued at \$920,000. The Rochester property was acquired in 1911 through the merger with the Rochester German Ins. Co.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
U. S. reg., 4%.....	\$105,000	\$114,450
Bklyn. Cy. St. Bldg., reg., 1906, 3½%.....	100,000	88,000
Lachine, Can., 1941, 4%.....	25,000	20,750

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
Lachine, Can., 1944, 4½%.....	\$5,000	\$4,450
Manitoba, 1936, 4%.....	50,000	45,500
Montreal, Can., Harbor, 1924, 4%.....	25,000	23,500
Montreal, Can., 1944, 4½%.....	80,000	75,200
New York City, 1900, 4½%.....	125,000	123,750
New York City, 1902, 4½%.....	800,000	792,000
New York City, var. reg., 1957, 4½%.....	455,000	473,200
N. Y. C. Dept. of Cor. Bldg., reg., 1928, 3½%.....	50,000	40,600
N. Y. C. Dock reg., 1927, 3½%.....	50,000	45,500
N. Y. C. Docks & Ferries, reg., 1928, 3½%.....	50,000	46,000
N. Y. C. Soc. Bklyn., reg., 1929, 3½%.....	50,000	45,000
N. Y. C. sc. & sites, B. of C. reg., 1941, 3½%.....	25,000	21,500
N. Y. State Can. imp., 1923, 3%.....	125,000	125,000
Richmond, Va., 1941-43, 4%.....	20,000	18,750
Savannah, Ga., 1959, 4½%.....	10,000	9,900
Toronto, Can., 1948, 4%.....	160,800	124,904
Toronto, Can. gn. ca., 1944, 3½%.....	51,100	39,347
Toronto, Can., 1920, 4%.....	25,307	24,042
Toronto, Can., 1924, 4½%.....	26,000	24,960
Virginia, 1901, 3%.....	10,000	8,400
Atch., T. & S. Fe Ry. adj., 1995, 4%.....	60,000	49,800
Atch., T. & S. Fe Ry. T. S. L., 1958, 4%.....	50,000	43,500
Atch., T. & S. Fe Ry., E. O., 1928, 4%.....	75,000	69,000
Atch., T. & S. Fe Ry., cv., 1900, 4%.....	100,000	93,000
Atl. C. L. R. R., 1, 1952, 4%.....	25,000	21,750
A. C. L. R. R. (L. & N. Col.), 1952, 4%.....	100,000	86,000
B. & O. R. R., 1, 1948, 4%.....	100,000	90,000
B. & O. R. R. (P. L. E. & W. Va.), 1941, 4%.....	100,000	80,000
B. & O. R. R., cv., 1933, 4½%.....	155,000	131,750
B. & O. R. R. Swa. Div., 1, 1925, 3½%.....	50,000	44,000
B. & N. Y. A. L. R. R., 1, 1955, 4%.....	50,000	45,000
C. R. R. of N. J., gn. c., 1987, 5%.....	50,000	56,500
C. R. R. of N. J., gn., reg., 1987, 5%.....	15,000	16,950

GERMAN AMERICAN INSURANCE COMPANY, New York, N. Y.—Continued.

BONDS AND STOCKS OWNED.—Cont.		BONDS AND STOCKS OWNED.—Cont.	
BONDS.—Cont.	Par Value.	BONDS.—Cont.	Par Value.
Ches. & O. Ry. gn., 1902, 4%	\$100,000	Un. Pac. R.R., 1 & r., 2008, 4%	\$25,000
Ches. & O. R.R., cv., 1930, 4%	25,000	W. Shore Ry. Co., 1 gr. reg., 2361, 4%	50,000
Chi. & A. R.R., r., 1949, 3%	25,000	W. Shore Ry. Co., 1 gr. c., 2361, 4%	10,000
Chi. & A. Ry., 1 l., 1950, 3%	25,000	Am. Tl. & Tg., col. tr., 1929, 4%	50,000
Chi., B. & Q. R.R. gn., 1958, 4%	25,000	Amer. Tl. & Tg., cv., 1933, 4%	30,000
Chi. & E. Ill. R.R., 1 cs., 1934, 6%	25,000	Edison El. Illum., N. Y., 1, 1995, 5%	35,000
Chi. & Nwn. Ry., s. f., 1929, 5%	56,000	Ind. Steel, 1, 1952, 5%	50,000
Chi. & Nwn. Ry., s. f., 1929, 6%	35,000	K. & H. Coal & Coke, 1, 1951, 5%	80,000
Chi. & Nwn. Ry., s. f. d., 1933, 5%	55,000	Mem. Un. Sta., 1 m., 1959, 5%	50,000
Chi. & W. Ind. R.R., cv., 1952, 4%	50,000	N. Y. G. & El. Lt., H. & P., 1949, 4%	25,000
Chi. Ind. & So. R.R., gr., 1936, 4%	50,000	N. Y. G. & El. Lt., H. & P., 1948, 5%	25,000
Chi., L. S. & E. Ry., 1 m., 1969, 4%	20,000	N. Y. T., 1 & gn. s. f., 1939, 4%	75,000
Chi., M. & St. P. R.R., gn. & r., 2014, 4%	25,000	N. Y. & E. Riv. Gas, 1 cs., 1945, 5%	25,000
Chi., M. & St. P. R.R., d., 1934, 4%	50,000	N. Y. & W. Tlg., d., 1954, 5%	25,000
Chi., M. & St. P. R.R., La C., 1919, 5%	60,000	Rochester Tl., 1933, 5%	29,260
Chi., M. & St. P. R.R., C. & P.W., 1921, 5%	30,000	Standard Gas Lt., 1, 1930, 5%	25,000
C. M. & St. P. R.R., cv., 1932, 4%	175,000	Mtge., N. Y., 1966, 4%	25,000
C. R. I. & P. Ry. eq. Ser. G., 1919-26, 4%	66,000	U. S. Steel Cp., s. f., 1963, 5%	175,000
C. C. C. & I. Ry. Co., gn. cs., 1934, 6%	10,000	W. Union Tg., col. tr., 1938, 5%	25,000
C. C. C. & St. L. R.R., St. L. Div., 1 col. tr., 1990, 4%	50,000	Westchester Tlg., 1, 1960, 5%	25,000
Col. & 9th Ave. R.R., 1, 1993, 5%	25,000	STOCKS.	
Del. & Hud., cv., 1916, 4%	150,000	Alb. & Susq. R.R.	10,000
El Paso & R. I. Ry., 1951, 5%	50,000	Atch., Top. & S. Fe Ry., com.	300,000
Erie R.R., 1 cs., 1920, 7%	150,000	B. & O. R.R., p.	212,000
Erie R.R., Pa. col., 1951, 4%	175,000	B. & O. R.R., com.	272,500
Erie Ry. gn. l., 1996, 4%	100,000	Cay. & Susq. R.R.	30,000
Fla. & E. C. Ry., 1, 1959, 4%	11,000	Ches. & O. R.R., com.	10,000
H. Val. Ry., 1 cs., 1999, 4%	100,000	Chi., Mil. & St. P. R.R., p.	300,000
Interb.-Met., col. tr., 1956, 4%	100,000	Chi., Mil. & St. P. R.R., com.	17,500
Interb. R. T., 1966, 5%	100,000	Chi. & Nwn. R.R., p.	70,000
L. S. & Mich. So. Ry., d., 1931-28, 4%	200,000	Chi. & Nwn. R.R., com.	150,000
Lex. Ave. & Pav. F. Ry., 1, 1993, 5%	25,000	Clev. C. C. & St. L. R.R., p.	30,000
L. & N. M. & M. R.R., jt., 1945, 4%	100,000	Det., H. & Swn. R.R.	20,000
L. & N. R.R., un. 1940, 4%	50,000	Del. & Hud.	100,000
L. & N. R.R. So. Jt., 1952, 4%	100,000	Erie R.R., 1 p.	100,000
Midland R.R. Co. of N. J., 1 m., 1940, 5%	125,000	Et. No. Ry., p.	237,800
Minn. & St. L. R.R., 1 r., 1949, 4%	10,000	Lake Erie & W. R.R., p.	30,000
Minn. L. & M. St. Ry., 1919, 5%	25,000	Leh. Val. R.R., com.	125,000
Minn. St. P. & S. Ste. M. Ry., 1938, 4%	25,000	La. & N. R.R.	200,000
Mo. & Tex. R.R., 1 & r., 2004, 4%	10,000	Man. Elev. Ry., N. Y.	50,000
Mo. Pac. Ry., 1 col., 1920, 5%	82,000	Minn. & St. L. R.R., 2d p.	10,000
M. & O. R.R., M., 1, 1947, 5%	50,000	Minn., St. P. & S. Ste. M. Ry., p.	58,400
Mont. Cent. R.R., 1, 1937, 6%	55,000	Minn., St. P. & S. S. M. Ry., com.	16,700
N. C. & St. L. Ry., 1, 1928, 5%	35,000	Mo., Kan. & Tex. R.R., p.	20,000
N. O. Tm. l., 1, 1953, 4%	50,000	M. & B. R.R.	25,000
N. Y. Rys., 1 r. e. r., 1942, 4%	50,000	Morris & Essex R.R.	60,000
N. Y. Rys., adj. m. inc., 1942, 5%	35,000	N. Y. & H. R.R.	130,000
N. Y. & J. R.R., 1 m., 1932, 5%	50,000	N. Y., L. & W. R.R.	20,000
N. Y. C. & H. R.R., eq. tr. ctf., 1920-27, 4%	50,000	N. Y., N. H. & H. R.R.	120,000
N. Y., L. & W. R.R., 1, 1921, 6%	100,000	Nor. & W. Ry., p.	100,000
N. Y., N. H. & H. R.R., cv., 1948, 6%	25,000	Nor. & W. Ry., com.	10,500
N. Y., S. & W. R.R., 1, 1937, 5%	25,000	No. Pac. Ry.	200,000
N. Y., S. & W. R.R., Tm., 1, 1943, 5%	35,000	No. Securities	1,000
N. & W. Ry., Div. 1 l. & gn. m., 1944, 4%	150,000	Pa. R.R.	660,000
N. & W. Ry., Poc., jt. 1, 1941, 4%	100,000	Pitta. C. C. & St. L. R.R., p.	125,000
N. & W. Ry., cv., 1932, 4%	12,000	Pitta., Ft. W. & Chi. R.R.	45,000
N. & W. Ry., cv., 1932, 4%	14,000	Reading Co.	50,000
N. & W. Ry. Col. cv., 1938, 4%	16,000	Rens. & Sar. R.R.	50,000
No. Pac. Gt. No. R.R., 1, 1921, 4%	100,000	St. L. & S. F. R.R. (Tr. c. for Chi. & E. Ill.), p.	100,000
No. Pac. R.R., p. l. & l. g., 1997, 4%	25,000	So. Pac.	110,000
Ore. Sh. L. r., 1929, 4%	200,000	So. Ry., p.	300,000
Pa. R.R., cv., 1915, 3%	25,000	So. Pac., ctf. of int.	110,700
Pa. reg., 1937, 3%	80,000	3rd Ave. Ry.	27,000
Rio Grande W. Ry., tr., 1, 1939, 4%	18,000	Un. Pac. R.R., p.	310,000
Rochester Ry. & Lt. cs., m., 1954, 5%	50,000	Un. Pac. R.R., com.	150,000
S. Fe. P. & P. R.R., 1942, 5%	75,000	Am. Exch. Nat. Bk., N. Y. Cy.	10,000
So. Pac. R.R., 1 r., 1955, 4%	50,000	Cit. Cent. Nat. Bk., N. Y.	47,500
So. Pac. (Cent. Pac. Co.), 1949, 4%	25,000	Ger. Amer. Bk., N. Y.	16,575
So. Pac., cv., 1929, 4%	75,000	Lincoln Nat. Bk., Rochester, N. Y.	20,000
So. Pac., eq. tr. ctf., 1915-23, 4%	43,000	Mercht. Nat. Bk., N. Y.	4,500
So. Pac. Co., cv., 1934, 5%	45,000	Nat. Bk. of Commerce, N. Y.	60,000
So. Ry., dev. & gn. m., 1956, 4%	100,000	N. Y. Tr., N. Y.	50,000
So. Ry., 1 cs., 1994, 5%	170,000	Title Gr. & Tr., N. Y.	11,500
St. P. Mem. Div., 1, 1996, 5%	75,000	Amer. Agr. Chem., p.	20,000
St. P. M. & M. Ry., 1 cs., 1933, 6%	71,000	Amer. Car & Fdry. Co., p.	20,000
St. L. & A. R.R., 1, 1996, 5%	25,000	Amer. Cotton Oil Co., p.	20,000
St. L., I. M. & S. R.R., un. & r., 1929, 4%	75,000	Amer. Locomotive, p.	20,000
St. L., I. M. & S. R.R., g. cs. Ry. & l. g., 1931, 5%	75,000	Amer. Smelting & Refining, p.	40,000
St. L., I. M. & S. R.R., riv. & gulf div., 1933, 4%	100,000	Amer. Sugar Refining, p.	130,000
St. L. & San F. R.R., r., 1951, 4%	100,000	Amer. Tl. & Tg.	160,000
3rd Ave. Ry., 1 r. m., 1960, 4%	200,000	Bd. & M. Gr., N. Y.	10,000
34th Xt. Crompton Ry., 1996, 5%	50,000	Ca-Gas, N. Y.	200,000
T. St. L. & W. R.R., 1 m., 1950, 4%	50,000	Intern. Harvester, N. J., p.	50,000
Troy (N. Y.), Cy. Ry., 1942, 5%	25,000	Intern. Harvester Cp., p.	50,000
Un. Pac. Ry., cv., 1927, 4%	50,000	Leh. Val. Coal Sales Co.	6,250
		Louisville Property	800
		Nat. Lead, p.	20,000

GERMAN AMERICAN INSURANCE COMPANY, New York, N. Y.—Continued.

BONDS AND STOCKS OWNED.—Cont.]	Par	Market
STOCKS.—Cont.	Value.	Value.
Nat. Sugar Refining.....	\$7,500	\$6,750
N. Y. & Ky. p.....	20,000	14,800
N. Y. & Ky. com.....	5,000	2,400
N. Y. Mt. Gas Lt.....	10,000	15,000
Pullman.....	102,000	154,020
Realty Associates, Bklyn.....	25,000	24,750
Sam-Sheffield Steel & Iron, p.....	10,000	8,000
Standard Oil, N. J.....	40,000	160,000
Underwriters' Salvage, N. Y.....	2,000	2,000
Unifed Dry Goods, p.....	20,000	10,000
U. S. Rubber, 1 p.....	22,500	22,725
U. S. Steel, p.....	20,000	21,000
Totals (book value, \$317,735,244).....	\$15,946,292	\$15,943,847

*Securities as per company's valuation item in assets as per N. Y. Ins. Dept. valuation.

MORTGAGE LOANS: There are 2 loans upon properties located in New York and Edgewater, N. J., estimated to be worth \$91,000 (amount loaned \$31,000), the largest of these being one of \$45,000 on 1524-1526 Amsterdam ave., N. Y. There are 4 other loans which were acquired by the merger with the Rochester German Ins. Co. These range in amount from \$600 to \$1,400, and are all secured by Rochester properties. No interest was overdue Dec. 31, last.

MISCELLANEOUS: Capital increased in 1903 from \$1,000,000 to \$1,500,000 and \$913,680 new surplus was paid in, and in 1911 capital was increased to \$2,000,000 by merger with Rochester German. Confirgation losses: Baltimore, 1904, \$640,735; San Francisco 1906, \$2,297,830. Values of special deposits: Ga. \$11,100; Va., \$55,500; N. M., \$11,100; Can., \$408,973; N. Y., \$1,020,000. Company also owns \$96,200 (par value) stock of N. C. Home Insurance Co., which cost \$37,174, estimated worth par. Income therefrom, 1914, \$5,772.

DIRECTORS: Joseph H. Choate, Ralph L. Cutter, Otto L. Demmerich, Hermann C. Fleitmann, William N. Kremer, Woodbury Langdon, Lowell Lincoln, George W. Perkins, Julius A. Stenberg, Wm. E. Werner, Wm. Wood, Chas. H. Coffin, E. L. Hopkins, Chas. G. Smith, Samuel McRoberts, Howard C. Smith, John W. Sterling.

FIELD MEN AND TERRITORY COVERED: E. S. Archer, Hartford Conn., special agent for Conn.; L. B. Alexander, Parkersburg, W. Va., special agent for West Virginia; W. E. Ash, Lehighton, Pa., special agent for Penn.; T. H. Briggs, Jr., Richmond, Va., special agent for Va.; T. J. Barber, Jr., Winston Salem, N. C., special agent for N. C.; L. F. Braud, New Orleans, La., special agent for La.; G. A. Curry, Harrodsburg, Ky., special agent for Ky. and Tenn.; H. E. Parker, Birmingham, Ala., special agent for Ala.; J. M. Donald, Rochester, N. Y., special agent for N. Y.; K. S. Ducayot, Boston, Mass., special agent for Mass.; C. F. Hard, Greenville, S. C., special agent for S. C. & E. Ga.; W. C. Howe, Albany, N. Y., state agent for N. Y.; W. Kelley, Houston, Tex., state agent for Tex.; T. E. Mount, Baltimore, Md., state agent for Del., Dist. Col. & Md.; A. R. Phillips, Dallas, Tex., state agent for Tex.; W. P. Phillips, New York City, state agent for N. Y.; E. E. Paschal, New York City, state agent for N. J.; C. H. Philbrick, Providence, R. I., state agent for R. I.; C. Reynolds, Paterson, N. J., state agent for N. J.; F. P. Stoddard, Syracuse, N. Y., state agent for N. Y.; P. F. Turner, Portland, Me., state agent for Me. and N. H.; J. D. Talley, Pittsburg, Pa., state agent for Pa.; Geo. N. Hurt, Atlanta, Ga., state agent for Ga.; J. M. Woodroffe, Philadelphia, Pa., state

agent for New Jersey & Penn.; W. Robins, Toronto, Can., Supt. of Agcs., Can.; J. A. Parrish, Jackson, Miss., special agent for Miss.; G. S. Minty, Toronto, Can., Supt. for Canada; J. H. Bourne, Boston, Mass., special agent for Eastern Mass., Me., N. H., and R. I.; F. R. Knox, Springfield, Mass., special agent for Western Mass. and Conn.; Arthur Birenough, Paterson, N. J., special agent for So. eastern N. Y. and N. J.; Lucius G. Leonard, Syracuse, N. Y., special agent for Central and Western New York; John F. Stief, Philadelphia, Pa., special agent for Penn., Del., Maryland and D. of C.; Lohmeyer-Goldsmith-Patterson Co., Charleston-on-Kanawha, W. Va., special agents for W. Va.; H. A. Bartels, Detroit, Mich., state agent for Ind. and So. Mich.; L. L. Lloyd, Denver, Col., state agent for Colo., Kans., Neb., N. M. and Wyo.; F. M. Fargo, Minneapolis, Minn., state agent for Minn., N. D. and So. D.; C. G. McCray, Columbus, O., state agent for O.; W. E. Page, Des Moines, Ia., state agent for Ia. and Mo.; Raymond Waldron, Chicago, Ill., state agent for Ill., Wis., No. Peninsula of Mich.; R. T. Caldwell, Atlanta, Ga., special agent for Fla. and Ga.; W. G. Thomas, Raleigh, N. C., special agent for No. Carolina, So. Carolina and Virginia; J. Priestly Orme, Atlanta, Ga., special agent for Ala., Ky., Miss. and Tenn.; W. H. Sage, mgr., J. C. Ingram, asst. mgr., W. L. Lerch, sec. asst. mgr., western dept., Chicago, Ill.; Clarence A. Allen, Minneapolis, Minn., state agent for Minn. and W. Can.; Edmund O. Basse, Milwaukee, Wis., state agent for Wis.; William F. Benbow, Aberdeen, S. D., special agent for S. D., N. D. and Mont.; James Brunditt, Oklahoma City, Okla., special agent for Okla. (W.); Henry G. Gasper, Mattoon, Ill., special agent for Ill.; C. A. Dufos, Bad Axe, Mich., special agent for Mich. and So. Can.; Guy E. Dixon, Springfield, Mo., special agent for Mo.; Will I. Drum, Topeka, Kan., special agent for Kansas; Clifford B. Dye, Columbus, Ohio, special agent for O.; Joseph O. Dye, Columbus, O., state agent for O.; William C. Fowler, Chicago, Ill., state agent for Mich. and So. Canada; Burt J. Gilmore, Indianapolis, Ind., state agent for Ind.; Charles H. Herrmann, Chicago, Ill., special agent for Cook Co., Ill.; Joseph E. Innis, Columbus, O., special agent for O.; Alvin L. Jessup, Denver, Colo., state agent for Col., New Mexico, and Wyoming; Robert J. Jordan, Minneapolis, Minn., special agent for Minn. and Western Can.; Phil H. Knighton, Hannibal, Mo., state agent for Miss.; Julius M. Miller, Muskogee, Okla., special agent for Okla.; Walter E. Miller, Chicago, Ill., state agent for Ill.; Albert S. Reed, Aberdeen, S. D., state agent for S. D., N. D. and Mont.; Lynn C. Storey, Lincoln, Neb., state agent for Neb.; Roger Swire, Iowa City, Ia., state agent for Ia.; Wm. Paton McGuire, Independence, Ia., special agent for Ia.; Frank Wright, Indianapolis, Ind., special agent for Ind.; George G. Wright, Milwaukee, Wis., special agent for Wis.; A. Wm. Baxter, Detroit, Mich., special agent for Mich.; Rollin J. Hopkirk, Fort Madison, Ia., special agent for Ia.; William E. Landers, Dayton, O., special agent for O.; Fred Mers, Indianapolis, Ind., special agent for Ind.; Wm. F. Woebler, Indianapolis, Ind., special agent for Ind.; Charles E. Conrad, Hastings, Neb., special agent for Neb.; George E. Carr, William M. Carr, Thomas Cowley, George W. Mendenhall, and James K. Stuart, Des Moines, Ia., special agents for Ia.; George H. Tyson, general agent, H. Folger, asst. general agent, C. E. E. Ellis, James B. Hatcher, Douglas Parker, and Harry L. Cope, special agents, San Francisco, Cal., covering San Francisco and Bay Counties, San Joaquin Valley; E. F. Hewitt, Sacramento, Cal., special agent for No. Cal.; Earl R. Holland, Los Angeles, Cal., special agent for So. Cal. and Ariz.; A. M. Peckham, Portland, Ore., special agent for Ore.; Frank O. Vincent, Spokane, Wash., special agent for Eastern Wash. and Northern Idaho; W. T. Burwell, Seattle, Wash., and W. F. Higbee, Tacoma, Wash., special agents for Western Wash. and Brit. Col.; Arthur D. Ferns, Salt Lake City, Utah, special agent for Utah, Mont., So. Idaho, Nev. and Ore.; Lester D. Mitchell, Seattle, Wash., special agent for Western Wash. and Brit. Col. This company does business in all States (except Vt.) and in the Dominion of Canada.

GERMAN-AMERICAN INSURANCE COMPANY, Pittsburg, Pa.

President W. J. Patterson; Secretary, E. P. Niebaum. Organized, 1873.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$810,926	\$312,592	\$241,470	\$358,106	\$399,539	\$207,772	\$28,000	\$147,072	\$382,844	\$312,857
1913	798,481	301,340	245,191	371,464	409,965	195,945	28,000	153,269	377,214	201,413
1912	764,607	257,828	263,088	311,945	350,025	152,953	28,000	125,564	306,517	156,147
1911	720,982	222,928	259,222	286,246	321,768	138,569	28,000	110,569	277,138	144,770
1910	677,496	186,770	261,516	241,256	273,892	95,442	21,000	95,089	211,531	100,865

GERMAN-AMERICAN INSURANCE COMPANY, Pittsburg, Pa.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$42,322	Losses unpaid.....	\$49,889
Mortgage loans.....	550,700	Unearned premiums.....	312,592
Bonds and stocks.....	52,450	Other liabilities.....	6,975
Collateral loans.....	16,800		
Cash.....	78,667	Total liabilities.....	\$369,456
Agents' balances.....	57,290	Capital paid up.....	200,000
Interest and rents.....	11,056	Net surplus.....	241,470
Other assets.....	1,641		
Total assets.....	\$810,926	Total.....	\$810,926

Underwriting loss, \$14,578; investment profit, \$38,857.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$56,718,271; premiums thereon, \$601,717.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,802,511; losses paid, \$1,961,184; dividends declared, cash, \$397,000.

REAL ESTATE OWNED: Consists of 12 dwelling properties in and near Pittsburg, which cost \$34,602.

MORTGAGE LOANS: There are 202 loans, aggregating \$550,700, on property worth \$1,293,250. There was \$1,698 of interest past due on December 31, last. The company holds \$655,500 of insurance on the buildings. There is but one loan as large as \$11,000.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Securities.....			
Fifth Ave. Bk., Pitts.....		\$1,800	\$1,500
Pitts. Bridge & Iron Works.....		20,000	12,000
Manufacturers Lt. & Ht.....		5,000	3,300
Totals.....		\$26,800	\$16,800

BONDS AND STOCKS OWNED:

BONDS.		Par Value.	Market Value.
Federal St. & Pleast Val. Ry.....		\$5,000	\$5,050
West End Tc., Pitts.....		10,000	9,800
Monongahela Lt. & Pow.....		5,000	4,800
National Fireproofing, Pa.....		5,000	4,950
Western Pa. Expos. Soc.....		5,000	5,000
STOCKS.			
Duquesne Natl Bk., Pitts.....		4,000	9,600
Fifth Ave. Bk., Pitts.....		5,000	9,000
Pittsburgh Steel.....		5,000	4,250
Delaware Ins. Co., Phila.....		160	.....
Totals (book value, \$49,250).....		\$44,160	\$52,450

MISCELLANEOUS: Capital increased in 1909 from \$100,000 to \$200,000 and \$50,000 realized as premium on the new stock sold added to surplus. Conflagration losses: Balt., 1904, \$70,136; San Francisco, 1906, \$8,148; Salem, 1914, \$16,331.

DIRECTORS: Wm. H. Barker, C. W. Helmold, A. H. Voskamp, Philip Gettman, W. J. Patterson, John R. Riemeyer, J. B. Kaercher, Chas. H. Geilfus, E. H. Myers, Jr., Geo. H. Klaus, Frederick Muehle, Geo. R. Aufderheide.

FIELD MEN AND TERRITORY COVERED: Their Bros., Wilkes-Barre, Pa., general agents for Central Pa.; Berry, Trueman & Co., N. Y. City, general agents for N. Y.; Fish & Schulkamp, Madison, Wis., general agents for Wis. The company operates in Cal., Del., Ill., La., Mass., Md., N. J., N. Y., O., Ore., Pa., Tex., Wash., W. Va. and Wis.

GERMAN-AMERICAN FIRE INSURANCE COMPANY,
Washington, D. C.

President, E. G. Schafer; Secretary, H. H. Bergmann. Organized, 1873.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$367,818	\$21,811	\$245,057	\$16,617	\$38,624	\$2,440	\$18,000	\$11,331	\$31,771	\$2,201
1913	363,023	20,402	241,581	15,890	35,297	4,765	18,000	11,710	34,475	4,711
1912	368,992	20,448	240,543	15,232	32,199	3,066	12,000	10,213	25,279	3,394
1911	355,035	20,933	233,498	16,502	34,397	4,581	18,000	9,505	32,086	4,544
1910	353,409	20,259	233,105	16,355	34,253	2,405	20,000	9,451	31,855	2,391

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$79,814	Losses unpaid.....	\$51
Mortgage loans.....	277,436	Unearned premiums.....	21,811
Cash.....	6,996	Other liabilities.....	899
Agents' balances.....	99		
Interest and rents.....	3,473	Total liabilities.....	\$32,761
		Capital paid up.....	100,000
		Net surplus.....	245,057
Total assets.....	\$367,818	Total.....	\$367,818

Underwriting profit, \$2,741; investment profit, \$18,735.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,095,682; premiums thereon, \$40,795.

REAL ESTATE OWNED: Consists of company's home office building, book value, \$61,884, carried at market value, \$73,685 and 2 brick dwellings, carried at \$4,000 and \$2,128; expenses \$1,070, and rents, \$5,319.

MORTGAGE LOANS: These aggregate \$277,436, and are protected by improved real estate in the District of Columbia valued at more than double the amount loaned thereon.

MISCELLANEOUS: Company operates only in D. C. Conflagration loss: Baltimore, 1904, \$10,000.

TRUSTEES: E. G. Schafer, Julius A. Maedel, O. L. Wolstein, Chas. Schafer, Chas. B. Pearson, F. A. Blundon, E. Schmidt, W. E. Edmonston, Herman E. Gasch.

GERMAN-AMERICAN FIRE INSURANCE COMPANY, Baltimore, Md.

President, Martin Meyerdirck; Secretary, T. H. Manson. Organized, 1880.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,239,475	\$258,765	\$457,846	\$241,573	\$306,133	\$221,262	\$50,000	\$98,939	\$370,201	\$217,111
1913	1,311,404	257,937	530,274	241,412	309,581	128,902	40,000	103,749	272,651	126,411
1912	1,291,252	242,950	515,616	239,019	303,197	112,323	40,000	106,042	258,365	106,411
1911	1,256,156	225,430	482,841	235,526	1464,825	123,746	28,000	90,280	242,026	126,411
1910	726,080	206,976	278,633	209,108	244,125	98,899	16,000	81,339	196,238	97,411

Unearned premiums include amount reclaimable on perpetual policies. † Includes \$180,000 surplus paid in.

GERMAN-AMERICAN FIRE INSURANCE CO., Baltimore, Md.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$58,288	Losses unpaid	\$18,864
Mortgage loans	662,283	Unearned premiums	258,642
Bonds and stocks	424,044	Perp. dep. recl.	123
Collateral loans	11,577	Other liabilities	4,000
Cash	28,751		
Agents' balances	42,703	Total liabilities	\$281,629
Interest and rents	11,529	Capital paid up	500,000
Other assets	200	Net surplus	457,846
Total assets	\$1,239,475	Total	\$1,239,475

Underwriting loss, \$73,078; investment profit, \$55,650.

RISKS AND PREMIUMS: Fire risks in force, (except per-estate), December 31, \$60,827,247; premiums thereon, \$497,369; perpetual fire risks, \$5,250; deposit premiums thereon, \$123.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,490,617; losses paid, \$1,587,144; dividends declared, cash, \$615,060.

REAL ESTATE OWNED: Comprises 411 E. Balt. st. (occupied by the company), carried at \$40,000, and 20 small properties and ground rents in Baltimore.

MORTGAGE LOANS: There are 281 loans, ranging in amount from \$125 to \$125,000 and aggregating \$662,283. They are all upon property in or near Baltimore and are in few instances for as much as 50 per cent. of the estimated value of the security. There was no interest overdue on December 31, last. The largest loan, \$125,000, is secured by dwellings at Nos. 2201-59 East place, valued at \$450,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Balt. Cy., 1923-54, 3½ and 4%		\$251,000	\$254,862
Balt. Co., 1946, 5%		10,000	9,300
Harlem Riv. & Port. R. R., 1915, 5%		10,000	9,400

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
STOCKS.			
Gn. Ad. Bureau		\$150	\$150
Md. Tr. Co., p.		11,000	12,870
Balt. Tr. Co.		3,150	3,820
Cons. Gas, El. Lt. & Pr., p.		10,000	10,800
Merch. & Miners Trans.		21,300	6,390
N. Y., N. H. & H. R. R. R.		18,700	10,280
Farmers & Merch. Nat. Bk.		9,000	10,800
Merch.-Mech. Nat. Bk.		7,170	21,510
Nat. Ex. Bk.		13,300	21,280
W. Nat. Bk.		2,000	3,700
Second Nat. Bk.		2,800	5,740
Citizens Nat. Bk.		1,320	5,544
German Bk.		1,000	1,100
U. S. Fid. & G. Co.		12,500	22,500
Totals (book value, \$412,600)		\$400,990	\$424,044

MISCELLANEOUS: Capital reduced in 1881 from \$205,350 to \$200,000. After Balt. conflagration capital reduced to \$50,000 and immediately increased to \$200,000. The company increased its capital in 1911 to \$500,000 and added \$180,000 to its net surplus. Conflagration loss: Balt., 1904, \$330,563.

DIRECTORS: Martin Meyerdirk, F. Mueller, George A. Hax, Arthur Wallenhorst, L. C. Schneiderreith, John C. Distler, Jr., H. S. Rippel, George J. Thaler, Henry G. Von Heine, Rudolph Sommerwerck, Ernest Schmeisser, F. C. Bressler.

FIELD MEN AND TERRITORY COVERED: Secor Cunningham, Chicago, Ill., general agent for Ill.; R. P. Ockanga, Peoria, Ill., State agent for Ill. The company operates in D. C., Ill., Md., Mass., N. J., N. Y., O. and Pa.

GERMANIA FIRE INSURANCE COMPANY, New York, N. Y.

President, Geo. B. Edwards; Vice-President and Secretary, Gustav Kehr; Assistant Secretaries, Louis Pingstag, Louis F. Goule. Organized, 1859.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$7,569,741	\$3,441,915	\$2,771,229	\$2,999,438	\$3,304,192	\$1,593,346	\$200,000	\$1,244,117	\$3,037,463	\$1,697,076
1913	7,362,157	3,265,601	2,728,227	2,978,178	3,291,536	1,413,213	200,000	1,282,365	2,895,578	1,415,905
1912	7,333,078	3,200,304	2,733,131	2,911,244	3,344,942	1,394,250	200,000	1,212,793	2,807,043	1,398,169
1911	6,961,140	3,278,727	2,396,126	2,962,246	3,339,818	1,545,355	200,000	1,231,324	2,976,679	1,488,200
1910	6,707,471	3,269,548	2,080,240	2,975,857	3,203,346	1,357,275	180,000	1,230,585	2,767,860	1,372,231

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$730,000	Losses unpaid	\$288,595
Mortgage loans	575,250	Unearned premiums	3,441,915
Bonds and stocks	5,170,845	Other liabilities	68,002
Cash	500,691		
Agents' balances	536,091	Total liabilities	\$3,798,512
Interest and rents	49,755	Capital paid up	1,000,000
		Net surplus	2,771,229
Total	\$7,572,132		
Sp. dep. over liab.	2,391		
Total assets	\$7,569,741	Total	\$7,569,741

Underwriting loss, \$935; investment profit, \$246,170.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$74,963,665; premiums thereon, \$6,740,188.

BUSINESS SINCE ORGANIZATION: Premiums received, \$72,965,946; losses paid, \$36,656,535; dividends declared, cash, \$5,731,000.

REAL ESTATE OWNED: Consists of the 8-story stone and brick building at 62-64 William st., New York, occupied as offices and as the main office of the company, carried at \$770,000 (actual cost, \$628,162), and the 4-story brick store and dwelling at 5 Cooper st., New York (carried at \$30,000, cost, \$50,000).

MORTGAGE LOANS: All of the 37 loans are upon dwellings in New York City. The largest mortgages are for \$40,000 each on 321-3 Caldwell Ave., Bronx, New York, which is valued at \$80,000 and 464-6 Bergen Ave., Bronx, N. Y., valued at \$60,000. There is one for \$35,000 on 40 W. 69th st., N. Y., one for \$30,000 on 625-25 Bergen Ave., Bronx, one for \$25,000 on 354 Willis Ave., one for \$23,000 on a brick dwelling on Suburban pl., near Boston rd., one for \$23,000 on Home st., near Prospect Ave., one for \$25,000 on 348 E. 149th st., one for \$25,000 on 1044 Teller Ave., one for \$25,000 on 400 E. 184th st., one for \$26,000 on 1729 Fulton Ave., Bronx, and several for \$10,000 to \$18,000 each. There is no past due interest, and the total valuation of the mortgaged premises is \$999,000, while the amount loaned is but \$575,250.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
United States, reg., 1925, 4%		\$20,000	\$21,800
United States, reg., 1961, 3%		5,000	5,000
Georgia, reg., 1918, 3½%		10,000	9,700
Ontario debenture, 1939-41, 4%		60,000	55,800
New Mexico, gn. r., 1933, 4%		5,000	4,700
Albany Co., reg., 1937, 4½%		25,000	25,000
Buffalo, reg., 1934, 4½%		50,000	50,000
New York City, 1960, 4½%		500,000	437,500
New York City, reg., 1953-40, 3½%		62,100	49,495
Richmond, reg., 1923-9, 4%		50,000	48,500
Atl. Cst. L. R. R., 1 m., g., 1952, 4%		50,000	46,000
Atch., T. & S. F. Ry., cv., g., 1960, 4%		50,000	45,500
Atch., T. & S. F. Ry., gn. m., g., 1965, 4%		50,000	45,500
Balt. & O. R. R., cv. g., 1933, 4½%		30,000	25,200
B'way & 7th Av. R. R., 1 cs. m., g., 1943, 5%		25,000	25,000
B. R. T., g., 1946, 5%		25,000	24,750
Bklyn. Un. El. R. R., 1 m., g., 1950, 5%		25,000	
Ches. & O. Ry., R. & A. Div., 1 cs. m., g., 1989, 4%		30,000	25,500
Ches. & O. Ry., gn. m., g., 1992, 4½%		50,000	44,000
C. M. & St. P. Ry., cv. g., 1932, 4½%		13,000	12,480
C. M. & St. P. Ry., C. & P. W. Div., 1 m., 1921, 5%		100,000	101,000
C. M. & St. P. Ry., gn. m., g., 1989, 4½%		25,000	24,750
Chic. & N. W. Ry. s. l., d., reg., 1933, 5%		40,000	40,400
Chic., R. I. & Pac. Ry., 1 r., g., 1934, 4%		50,000	34,000
C. St. L. & N. O. R. R., l. g., 1951, 5%		25,000	26,000
Del. & Hud., 1 ln. eq., g., 1922, 4½%		25,000	24,500
Denver & Rio Gde. R. R., 1 cs. m., g., 1936, 4%		35,000	26,250
Evans & T. H. R. R., 1 m., g., 1921, 6%		25,000	25,000
Flint & Pere Marq. R. R., 1 cs. m., g., 1939, 5%		25,000	16,250
Gt. No. Ry., 1 r. m., 1961, 4½%		50,000	49,500
Ill. Cent. R. R., r. m., g., 1955, 4%		60,000	51,600
Inter. R. T. 1 r. m., g., 1966, 5%		50,000	49,000

GERMANIA FIRE INSURANCE COMPANY, New York, N. Y.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
BONDS.—Cont.		Value.	Value.
Kan. City So. Ry., 1 m. g., 1950, 3%.....	\$50,000	\$34,000	
L. E. & W. R. R., 1 m. g., 1937, 5%.....	50,000	50,000	
L. S. & M. So. Ry., g., 1928, 4%.....	25,000	22,500	
Lehigh Val. Ry., of N. Y., 1 m. g., 1940, 4%.....	25,000	24,750	
L. I. R. R., gn. m., g., 1938, 4%.....	25,000	21,250	
Louisville & Nash. R. R., g., 1940, 4%.....	60,000	54,600	
Mil., Sparta & N. W. Ry., 1 m. g., 1947, 4%.....	50,000	45,000	
Mo., Kan. & Tex. Ry., 1 m. ext., g., 1944, 5%.....	25,000	22,500	
Mo. Pac. Ry., 1 cs. m., g., 1920, 6%.....	25,000	25,000	
Nash., Chatt. & St. L. Ry., 1 cs. m., g., 1928, 5%.....	25,000	26,250	
Nor. & West. Ry., cv. g., 1938, 4%.....	10,000	10,100	
No. Pac. Gt. N. C., B. & Q., col. g. jt., 1921, 4%.....	100,000	95,000	
N. Y. Westchester & Bos. Ry., 1 m. g., 1946, 4%.....	25,000	17,000	
N. Y. Bkn. & M. Beach Ry., 1 cs. m., g., 1935, 5%.....	25,000	25,000	
N. Y. C. L. eq. tr. cts., 1922-24, 4%.....	50,000	47,250	
N. Y. N. H. & H. R. R., cv. d., 1948, 6%.....	25,000	25,750	
N. Y. Ont. & W. Ry., r. m., g., 1992, 4%.....	25,000	19,250	
Ore. S. L. R. R., r. g., 1929, 4%.....	50,000	43,500	
Seaboard Air Line Ry., 1 m. g., 1950, 4%.....	50,000	38,000	
St. L. & San Fran. R. R., r. m., g., 1951, 4%.....	25,000	15,750	
So. Pac. R. R., 1 r. m., g., 1955, 4%.....	50,000	42,000	
So. Pac. cv. g., 1934, 5%.....	20,900	19,200	
So. Ry., 1 cs. m., g., 1994, 5%.....	50,000	49,000	
So. Ry., divided cts., 1919, 4%.....	2,000	1,640	
Toledo & O. Cent. Ry., 1 m. g., 1935, 5%.....	35,000	35,700	
Wabash R. R., 1 m. g., 1939, 5%.....	50,000	49,000	
W. N. Y. & Pa. R. R., 1 m. g., 1937, 5%.....	50,000	50,500	
Wheeling & L. E. R. R., 1 cs. m., g., 1949, 4%.....	25,000	16,750	
W. Md. R. R., 1 m. g., 1952, 4%.....	50,000	28,500	
Wis. Cent. Ry., 1 gn. m., g., 1949, 4%.....	25,000	20,750	
Amer. Dock & Imp., 1 m., N. J., 1921, 5%.....	25,000	25,750	
Amer. Tl. & Tg., cv. g., 1933, 4%.....	10,000	9,500	
Mortgage Bond, N. Y., g. m., 1968, 4%.....	25,000	20,000	
Tenn. Coal, Iron, & R. R., 1 m., g., 1917, 6%.....	25,000	25,250	
U. S. Steel Corp., a. f., g., 1963, 5%.....	50,000	50,000	
Westchester Lighting, 1 m., g., 1950, 5%.....	40,000	40,400	

STOCKS.

Atch., T. & S. F. Ry., com.....	250,000	232,500
Atch., T. & S. F. Ry., p.....	100,000	96,000
Atl. Coast Line R. R., com.....	44,000	44,000
Balt. & O. R. R., com.....	22,500	15,300
Balt. & O. R. R., p.....	112,000	78,400
Chic., Mil. & St. P. Ry., com.....	40,000	34,800
Chic. & N. W. Ry., com.....	30,000	36,900
Del. & Hud.....	50,000	70,500
Denver & Rio Gde. R. R., p.....	40,000	3,200
Great No. Ry., p.....	75,600	86,940
Louis. & Nash. R. R.....	120,000	134,400
Manhattan El. Ry.....	30,000	36,300
N. Y., Chic. & St. L. R. R., 1 p.....	120,000	108,000
N. Y. N. H. & H. R. R.....	50,000	27,500
Nor. & West. Ry., adj., p.....	50,000	41,500
Pa. R. R.....	100,000	104,000
Reading, 1 p.....	50,000	43,000

BONDS AND STOCKS OWNED.—Cont.		Par	Market
STOCKS.—Cont.		Value.	Value.
So. Pac.....	100,000	\$82,000	
So. Ry., p.....	100,000	58,000	
Union Pac. R. R., com.....	100,000	116,000	
Union Pac. R. R., p.....	100,000	79,000	
German Amer. Bank, N. Y. Cy.....	9,375	12,187	
Nat. Pk. Bank, N. Y. Cy.....	12,500	45,625	
Amer. Ag. Chem., p.....	50,000	45,000	
Amer. Car. & Foundry, p.....	50,000	55,500	
Amer. Loco., p.....	30,000	28,500	
Amer. Sugar Refin., p.....	50,000	56,500	
Amer. Tl. & Tg.....	40,000	46,000	
Consolidated Gas, N. Y. Cy.....	80,000	92,000	
General Adj. Bur.....	450	450	
Lawyers M., N. Y. Cy.....	20,000	36,000	
Pullman.....	60,000	90,600	
Standard Oil, N. J.....	50,000	198,500	
Underwriters Svc. of N. Y.....	1,000	1,250	
Underwriters Svc. of Chic.....	1,000	1,000	
U. S. Steel Corp., p.....	30,000	31,200	
Totals (book values, \$5,649,402).....	\$5,055,525	\$4,883,367	

* Securities as per company's valuations; the item in assets is based on ins. dept. valuations.

MISCELLANEOUS: Capital was increased in 1864 to \$500,000, in 1873 made up by "calls on capital," an impairment of \$250,000 (50%); capital increased in 1880 from \$500,000 to \$1,000,000. Conflagration losses: Chicago, 1871, \$256,832; Boston, \$406,750; Baltimore, 1904, \$264,598; San Francisco, 1906, \$2,050,331. Net value of special deposits: Ga., \$9,900; Va., \$50,016; N. M., \$9,900; Can., \$57,000; N. Y., \$500,000.

DIRECTORS: Fr. Von Bernuth, Ernest Hall, Marcus L. Ward, Carl Vietor, Steffen Dieckmann, Geo. B. Edwards, Alfred Roelker, Gustav Kehr, Henry G. Eilahemius, Oscar Dressler, Rudolf Pagenstecher, Frederick T. H. Ludwig, Edward G. Halle, M. J. Averbeck, Edmond E. Robert.

FIELD MEN AND TERRITORY COVERED: E. G. Halle, manager; C. H. Coates and C. Koch, assistant managers; H. A. Clark, general adjuster. Western department: 160 W. Jackson Boul., Chicago, Ill.; Special agents: Eastern department, E. H. Hornbostel, Chas. Haas, G. H. Kehr, F. C. Wieland, John G. Rolker, Frank R. Kugler and Wm. H. Frank. Western department: H. W. Clayton, State agent for Ky., W. Va. and O.; H. M. Brooks, Alois Kessler and R. D. Cooke, special agents for O.; Frank E. Halle, State agent for Wis.; John R. Engle, State agent for Ind.; H. L. Spice, State agent for Mich.; M. F. Hegler, special agent for Ill.; C. C. Nicholson, State agent for Ill.; Lee E. Eldridge, State agent for Ia.; Aug. H. Christ, State agent for Mo., Ark.; Ora T. Price, special agent for Kan. and Okla.; F. J. Hanson, State agent for Minn. and N. D.; R. H. Simmonds, special agent for Tenn.; Wm. A. Graham, special agent for Neb. and S. D.; Wm. E. Walker, state agent for N. M. and Ariz.; Alex. C. Sundell, special agent for Colo. and Wyo.; Fred S. Penfield, general agent for Cal., Wash., Ore., and Mont., Ida., Utah and B. C.; Chapman & Nauman Co., State agents for Cal. for the Germania Undra; Per Lee Welty, special agent for Ore., Wash. and B. C.; Z. M. Boyer, special agent for Ore., Wash., Mont. and Ida. Southern department special agents: George Harrington, Atlanta, for Ga., S. C. and Fla.; R. C. Patterson, Columbia, Ga., for Ala. and Miss.; C. T. Lloyd, Richmond, Va., for Va. and N. C.; W. O. Kraft, Houston, for south Tex.; M. T. Galloway, special agent for north Tex. The company operates in all the States of the United States except Alas. and Nev.

GIRARD FIRE AND MARINE INSURANCE COMPANY, Philadelphia, Pa

President, Henry M. Gratz; Vice-President, George W. Watt; Secretary and Treasurer, E. J. Thomason. Organized, 1853.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$2,496,060	\$1,571,409	\$357,156	\$827,632	\$931,628	\$413,409	\$100,000	\$378,911	\$892,320	\$424,50
1913	2,477,988	1,548,922	372,664	815,376	917,982	418,045	100,000	381,264	899,309	411,92
1912	2,541,236	1,561,624	417,093	836,547	939,509	417,635	100,000	388,347	905,932	411,89
1911	2,546,485	1,568,661	409,565	862,552	964,170	441,664	100,000	402,744	944,408	433,86
1910	2,543,902	1,565,816	408,397	925,325	1,023,057	376,403	100,000	417,540	893,943	394,03

Unearned premiums include amount reclaimable on perpetual policies. Deposits received and returned on perpetual policies not included in income and disbursements.

GIRARD FIRE AND MARINE INSURANCE COMPANY, Philadelphia, Pa.—Cont.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$267,250	Losses unpaid.....	\$63,995
Mortgage loans.....	190,100	Unearned premia.....	994,535
Bonds and stocks.....	1,705,302	Perp. dep. recd.....	576,874
Collateral loans.....	24,200	Other liabilities.....	3,500
Cash.....	143,995		
Agents' balances.....	144,565	Total liabilities.....	\$1,638,904
Interest.....	25,779	Capital paid up.....	500,000
Other assets.....	4,794	Net surplus.....	357,156
Total.....	\$2,505,985		
Spl. dep. over liab.....	9,925		
Total assets.....	\$2,496,060	Total.....	\$2,496,060

Underwriting loss, \$4,548; investment profit, \$98,789.

RISKS AND PREMIUMS: Fire risks in force (except perishable), December 31, \$217,337,493; premiums thereon, \$1,901,212; perpetual fire risks, \$31,239,254; deposit premiums thereon, \$440,971.

BUSINESS SINCE ORGANIZATION: Premiums received, \$25,215,735; losses paid, \$10,966,901; dividends declared, cash, \$324,694.

REAL ESTATE OWNED: The two principal real estate risks are the 4-story brick and iron building at Chestnut and 7th sts., Philadelphia, the book value of which is \$129,012, and which is carried at \$200,000; and the hotel building at 29-31 South 7th st., Philadelphia, carried at \$50,000 (book value, \$61,574). The remaining parcels are 3 dwellings in Washington, D. C., Altoona, Pa., and Philadelphia, two of which are carried at valuations considerably less than book values.

MORTGAGE LOANS: There are 40 loans, of which but 4 equal or exceed \$10,000 in amount. Following are the amounts of the larger loans, their securities and the valuations of the latter: \$40,000, N. W. cor. Broad and Norris sts., Philadelphia, \$13,637; \$20,000, 326 S. 21st st., Philadelphia, \$37,000; \$13,000, brick building, 213 Federal st., Allegheny, Pa., \$63,000; \$16,000, brick apartment house, 2253 N. 33rd st., Philadelphia, \$24,000. The remaining loans are principally upon dwellings and farm property in Pa. and N. J. The \$190,100 of loans are secured by properties estimated to be worth \$404,500.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Wm. Leond & Van Kirk sts., 35th Ward, Phila.....		\$8,000	\$5,200
Lot no. 1222 Mantua ave., Phila., gr.....		6,000	5,000
31 lot no. & so. Winton st., Phila.....		39,600	14,000
Total.....		\$53,600	\$24,200

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Atlanta Ga., 1922, 4½%.....		\$10,000	\$10,000
Atlantic Cy., N. J., 1942, 4½%.....		20,000	20,800
Candler, N. J., 1926, 4½%.....		20,000	19,600
Duluth, Minn., 1927, 4½%.....		15,000	15,300
New York Cy., N. Y., 1957, 4½%.....		25,000	26,750
Norfolk, Va., 1938, 4½%.....		25,000	22,500
Norfolk, Va., 1940, 4½%.....		2,000	1,920
North Carolina, red., 1950, 4½%.....		10,000	10,000
Philadelphia, Pa., 1917-27, 4½%.....		25,000	25,400
Seaside, Wash., 1930, 4½%.....		30,000	30,000
Amer. Ry., 1917, 5½%.....		5,000	4,800
A. C. L. R. R., L. & N., 1952, 4½%.....		20,000	18,400
B. & O. R. R., 1948, 4½%.....		10,000	9,300
B. & O. R. R., P. L. E. & W. Va., 1941, 4½%.....		35,000	30,450
B. & O. R. R., S. W. Div., 1925, 3½%.....		10,000	9,100
Es. & S. Ry., W. gr., 1944, 4½%.....		10,000	8,400
Buff. & Susq. R. R. Corp., 1963, 4½%.....		21,000	12,600
Buff. Terminal, 1955, 5½%.....		20,000	18,600
C. & O. R. R., 1930, 4½%.....		10,000	8,000
C. L. & W. R. W., 1930, 4½%.....		5,000	4,850
Gen. Pac. Ry., Th. Sh. L., 1954, 4½%.....		20,000	17,400
Ch. Mt. & St. P. R. R., 1939, 4½%.....		10,000	10,300
Ch. & East. Ill. R. R., r. & imp., 1955, 4½%.....		10,000	2,500
Ch. & East. Ill. R. R., 1 r., 1934, 4½%.....		20,000	14,400
Ch. & West. Ind. R. R., ex. m., 1952, 4½%.....		20,000	16,800
Coal Riv. Ry., 1 m. g., 1945, 4½%.....		20,000	16,800
Ches. & Gulf R. R., ex. W., 1952, 4½%.....		20,000	19,800
Ches. So. Ry., 1 m., 1929, 4½%.....		10,000	9,000
Ca. Tr., N. J., 1953, 5½%.....		10,000	10,300
Ceresoga Te., 1950, 4½%.....		10,000	8,600
Del. R. R., 1932, 4½%.....		6,000	6,120
Del. & Had. R. R., 1 & r. m., 1943, 4½%.....		20,000	19,600
East McK. St. Ry., 1 m., 1929, 5½%.....		20,000	19,400
Frisco Const., 1922, 5½%.....		10,000	8,800

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Fort Pitt Te., Pitta., 1935, 5½%.....		\$10,000	\$10,000
Ga. & Ala. Ry., 1945, 5½%.....		20,000	21,000
Ill. Cent. R. R., eq. tr., 1921-23, 4½%.....		20,000	20,000
Ind. St. R. W. Co., gn. m., 1933, 4½%.....		15,000	12,000
Jefferson R. R., 1919, 5½%.....		20,000	20,400
Kansas Cy. So. Ry., gr., 1950, 3½%.....		20,000	13,800
Lake Shore & Mich. So. R. W., 1931, 4½%.....		20,000	18,800
Leh. Val., ex. m., 1923, 4½%.....		10,000	10,200
Leh. Val. R. R., col., 1917, 4½%.....		5,000	4,950
Leh. Val. R. R., col., 1919, 4½%.....		20,000	19,600
Leh. Val. R. R., gn. ex. m., 2003, 4½%.....		30,000	27,000
Leh. Val. R. R., gn. ex. m., 2003, 4½%.....		20,000	19,800
Leh. Val. Transit, 1935, 4½%.....		25,000	22,500
L. I. R. R. Ferries, 1922, 4½%.....		20,000	19,000
Lynn & Boston R. R., 1924, 5½%.....		25,000	25,750
Mt. Wash. St. Ry., 1 m., 1933, 5½%.....		10,000	9,900
Mutual Term., Buffalo, N. Y., 1924, 4½%.....		10,000	9,400
Newark Pass. Ry., 1 ex. m., 1930, 5½%.....		10,000	10,500
New Orleans Term., 1 m. gr., 1953, 4½%.....		10,000	7,800
N. Y. C. Lines, eq. tr., 1924, 4½%.....		20,000	19,800
N. & W. Ry. Div., 1 ln. gn. m., 1944, 4½%.....		20,000	18,200
N. & W. Ry., eq. tr., 1917, 4½%.....		10,000	9,900
N. Ry. & Lt., 1 ca. m., 1949, 5½%.....		5,000	4,900
North Hud. R. R., imp. m., 1924, 5½%.....		25,000	24,500
N. Y. C. & H. R. R. R., B. & A., 1926, 4½%.....		5,000	4,950
N. & W. Ry., 1906, 4½%.....		10,000	9,600
Pa. Co., col. tr. g. loan, 1931, 4½%.....		10,000	9,500
Pa. R. R., ex. g., 1915, 3½%.....		20,000	20,000
Phila. Rap. Trm., col. tr., 1957, 5½%.....		10,000	9,800
P. W. & B. R. R., tr., 1921, 4½%.....		50,000	49,500
P. W. & B. R. R., d., 1932, 4½%.....		20,000	19,400
P. & R. R. R., term., 1941, 5½%.....		50,000	56,000
P. & W. C. Te., 1954, 4½%.....		10,000	8,200
P. C. C. & St. L. R. R., 1940, 4½%.....		10,000	10,300
P. McK. & C. R. R., 1931, 5½%.....		15,000	15,300
Providence Sec., gr., 1957, 4½%.....		10,000	5,800
Pere Marq. R. R., ex. m., 1951, 4½%.....		20,000	6,000
Reading Co., Jersey Cent. Col., 1951, 4½%.....		30,000	28,500
Reading Co., gn. m., 1907, 4½%.....		10,000	9,500
Richmond-Washington, 1943, 4½%.....		40,000	38,000
St. Clair Term. R. R., 1932, 5½%.....		10,000	9,800
Second Ave. R. R., 1 ex. m., 1948, 5½%.....		20,000	4,000
Steub. Te. & Lt., 1 m., 1926, 5½%.....		20,000	17,000
St. L., I. Mt. & So. R. R., 1933, 4½%.....		20,000	14,600
So. Pac. R. R., 1 r. m., 1955, 4½%.....		10,000	9,200
Schuylkill Val. Te., 1945, 5½%.....		10,000	10,000
So. Ry., St. L. Div., 1951, 4½%.....		10,000	8,700
St. L., So. West. Ry., 1932, 4½%.....		20,000	13,800
Tol. & O. Cent. Ry., 1 m., 1951, 4½%.....		15,000	12,900
Tol. St. L. & West. R. R., 1925, 3½%.....		15,000	12,150
Wab., Pitta. Term. Ry., 1 m., 1954, 4½%.....		32,000	2,560
Wilkesburg & E. Pitta. St. Ry., 1929, 5½%.....		10,000	9,700
Amer. Gas., 1920, 5½%.....		15,000	15,300
Amer. Tl. & Tg., col. tr., 1929, 4½%.....		20,000	17,800
Altoona Gas., 1932, 5½%.....		5,000	5,000
Atlantic Cy. El., 1938, 5½%.....		10,000	9,700
Atlantic Cy. Gas., 1960, 5½%.....		18,000	14,220
Beech Creek C. & C., 1944, 5½%.....		10,000	9,000
Ca. Gas., Pitta., 1948, 5½%.....		20,000	8,000
Elmira Wat., Lt. & R. R., 1949, 5½%.....		10,000	10,100
Glen Falls Gas & El. Lt., 1919, 5½%.....		10,000	9,500
Hamilton R. E., Phila., 1927, 5 & 5/16%.....		9,100	9,100
Hudson Riv. Gas & El., 1929, 5½%.....		20,000	19,600
Hutch. Wat., Lt. & Pow., 1928, 4½%.....		6,000	4,500
Kingston Gas & El., 1952, 5½%.....		5,000	4,850
Mort. Bond, N. Y., 1966, 4½%.....		10,000	8,400
Muncie El. Lt., 1932, 5½%.....		10,000	9,600
N. Y. & West. Ltg., 2004, 4½%.....		10,000	8,200
Phila. El., 1948, 5½%.....		10,000	10,200
Peoria Gas & El., 1923, 5½%.....		10,000	9,900
Phila. Sub. Gas & El., 1960, 5½%.....		10,000	9,400
Pub. Serv. Corp., N. J., 1959, 5½%.....		5,000	4,500
Rockford Gas L. & C., 1950, 5½%.....		15,000	14,550
Underwriters' Bldg., 1928, 5½%.....		10,000	10,000
Wanamaker, John, reg., 1923, 5½%.....		25,000	25,000
West Chester Ltg., 1950, 5½%.....		15,000	15,750
Wm. Cramp & Sons., 1929, 5½%.....		10,000	10,000
Wilson, George B., reg., 1916, 4½%.....		20,000	20,000

STOCKS.

Lehigh Coal & Nav.....	11,000	17,820
Pa. R. R.....	15,000	16,650
Phila. & Darby Pass. Ry.....	2,250	1,087
Phila. Te.....	15,000	24,160
Continental Equit. Title & Trust.....	2,500	4,900
Atlantic Cy.....	5,000	300
Buffalo & Susq. R. R. Corp., com. & p.....	13,500	3,015
General Adj. Bur., N. Y.....	150	150
Giant Portland Cement, com. & p.....	16,500	2,115

GIRARD FIRE AND MARINE INSURANCE COMPANY, Philadelphia, Pa.—Cont.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
STOCKS.—Cont.		Value.	Value.
Pa. Salt Mfg., Phila.	.....	\$15,000	\$31,500
Phila. Bourse	.....	1,000	100
Phila. Bourse, p.	.....	500	365
United Gas Imp., Phila.	.....	11,000	18,480
Underwriters Sal., N. Y.	.....	500	780
So. Adj. Bur.	.....	100	100
Totals (book value, \$1,860,582).....		\$1,893,000	\$1,705,302

MISCELLANEOUS: Capital increased in 1906 from \$300,000 to \$500,000 and \$500,000 received in cash on account of new capital; \$200,000 going to capital and \$400,000 to surplus. Conflagration losses: Chicago, 1871, about \$20,000; Boston, 1872, \$62,000; San Francisco, 1906, \$758,786; Salem, 1914, \$23,617. Value of special deposits: Ga., \$10,000; Va., \$22,500; N. C., \$10,000.

DIRECTORS: Henry M. Gratz, John C. Lowry, William R. Nicholson, William F. Rollo, Edward B. Smith, Edward J. Thomason, Franklin M. Potts, George W. Watt, P. C. Hollingsworth, C. B. W. Packard.

FIELD MEN AND TERRITORY COVERED: Wm. E. Rollo & Son, managers for Western States, Chicago, Ill.; J. G. Hilliard, Metropolitan district, N. Y.; H. W. Saunders, general agent for Va.; Edw. E. Potter & Sons, San Francisco, Cal., general agents for the Pacific Coast; John C. Whitner & Co., Atlanta, Ga., general agents for Ga., S. C., Ala. and La.; H. C. Hare & Co., Jacksonville, Fla., general agents for Fla.; John D. Boniface, special agent for Western Pa. and W. Va.; Jos. J. Shields, Philadelphia, Pa., special agent for N. J. and suburban territory. The company operates in all the States and territories of the United States except Alas., Ark., Kan., Ky., Me., Miss., Nev., N. H., N. M., N. C., N. D., Okla., P. I., P. R., S. D., Tenn., Tex., Vt. and Wyo.

GLENS FALLS INSURANCE COMPANY, Glens Falls, N. Y.†

President, R. A. Little; Vice-Presidents, E. W. West, J. L. Whitlock; Secretary, H. N. Dickinson. Organised, 1850.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$5,534,340	\$2,563,799	\$2,106,860	\$2,416,128	\$2,699,233	\$1,502,139	\$110,000	\$985,897	\$2,598,036	\$1,538,309
1913	5,523,123	2,394,537	2,317,378	2,217,163	2,501,799	1,237,588	185,000	909,728	2,322,314	1,185,696
1912	5,753,621	2,326,832	2,525,311	2,163,265	2,421,929	1,166,425	210,000	852,158	2,228,583	1,193,038
1911	5,637,100	2,258,247	2,778,194	2,100,391	2,372,062	1,037,502	220,000	822,286	2,079,788	1,082,022
1910	5,397,368	2,149,983	2,689,927	1,966,161	2,232,921	971,760	240,000	791,871	2,003,631	987,875

* Includes \$117,375 marine premiums and \$43,480 marine losses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$216,591	Losses unpaid	\$294,918
Mortgage loans	1,788,535	Unearned prems.	2,563,799
Bonds and stocks	2,422,797	Other liabilities	68,765
Loans, on Finch, Pruyn & Co. bds., val. \$250,000.	200,000	Total liabilities	\$2,927,480
Cash	443,993	Capital paid up	500,000
Agents' balances	400,231	Net surplus	2,106,860
Interest and rent	30,518		
Other assets	37,560		
Total	\$5,534,230		
Sp. dep. over liab.	10,890		
Total assets	\$5,534,340	Total	\$5,534,340

Underwriting loss, \$297,692; investment profit, \$188,064.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$509,601,065; premiums thereon, \$4,761,766; marine and inland risks in force, \$7,907,351; premiums thereon, \$173,024.

BUSINESS SINCE ORGANIZATION: Premiums received, \$46,176,219; losses paid, \$23,199,770; dividends declared, cash, \$3,015,000; stock, \$300,000.

REAL ESTATE OWNED: The principal item of real estate is the company's home office building at Glens Falls, carried at \$200,000 (cost, \$457,257). The remaining parcels are dwellings in Rochester, Pittsburgh, Castleton and Moreau, ranging in value from \$371 to \$13,468.

MORTGAGE LOANS: There are 163 loans, of which 52 are for \$10,000 or more. The larger loans comprise the following: \$17,000 on Cleveland, O. property, appraised at \$75,000; \$10,000 on Troy property, valued at \$36,000; \$25,000 on York, Pa., property, valued at \$42,000; \$15,000 on Glens Falls property, estimated worth \$25,000; \$11,000 on Glens Falls property, valued at \$20,000; \$17,050 on Brooklyn property, valued at \$31,950; \$17,000 on Glens Falls property, worth \$30,000; \$20,000 on Glens Falls property, valued at \$35,000; \$10,000 on Brooklyn property, valued at \$20,000; \$23,000 on Brooklyn property, worth \$40,000; loans of \$15,000, \$21,250, and \$35,000 on Brooklyn properties, valued at \$30,000, \$68,500, and \$68,000. Also several loans of \$10,000 to \$39,000 on Brooklyn, New York and Flushing properties; \$310,000 on paper mill property at Dexter, N. Y., valued at \$943,800; \$200,000 on pulp mill, etc., at Palmer, N. Y., valued at \$450,000; and various other loans ranging as high as \$38,000 which seem to be simply secured by properties scattered through the States of N. Y., Pa., O. and Ill. Interest was past due to the amount of \$5,243 on 41 loans.

BONDS AND STOCKS OWNED:		Par	Market
BONDS.		Value.	Value.
Georgia State, 1910, 34 ⁰⁰		\$25,000	\$24,500
Pendleton City, Ore., 1929, 5 ⁰⁰		50,000	50,500

† Transacts both fire and marine insurance.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
BONDS.—Cont.		Value.	Value.
Victoria, Ont., 1923, 4½%	.....	\$20,000	\$18,800
New York, N. Y., 1952, 3½%	.....	100,000	88,000
New York, N. Y., 1957, 4½%	.....	70,000	74,900
Regina, Sask., Sch., 1933, 5%	.....	20,000	19,400
Richmond City, Va., 1923, 4½%	.....	25,000	23,690
St. Catharines, Ont., 1933, 4½%	.....	20,000	19,400
Fort William, Ont., 1933, 5%	.....	10,000	9,600
Glens Falls, Un. Sch., 1927, 4½%	.....	5,000	5,000
Danv., Urb. & Ch. Ry., 1 m., 1923, 5%	.....	100,000	98,000
Ill. Cent. Tc., 1 m., 1933, 5%	.....	57,000	54,150
Reno Pow., Lt. & Wat., 1 m., 1944, 6%	.....	100,000	95,000
No. Pac. Gt. No. R.R. Jr., 1 m., 1921, 4%	.....	25,000	24,250
So. Pac. R.R., 1 r., 1 m., 1935, 4%	.....	15,000	13,800
So. Pac., cv. 1 m., 1929, 4%	.....	3,000	2,540
Swn. Interurban Ry., 1 m., 1940, 6%	.....	20,000	16,000
Un. Tc., Ind., Kan., 1 m., 1937, 5%	.....	25,000	18,500
Chicago Railway, 1 m., 1927, 5%	.....	25,000	24,750
West Shore R.R., 1 m., 2361, 4%	.....	50,000	46,500
Western Pacific R.R., 1 m., 1935, 5%	.....	100,000	43,000
Gould Paper, 1 m., 1915-17, 6%	.....	125,000	125,000
Hudson R. Pulp & Paper, 1 m., 1918, 6%	.....	320,000	326,400
Finch, Pruyn & Co., 1 m., 1936, 6%	.....	200,000	200,000
Internat. Paper, N. Y., 1 m., 1918, 6%	.....	190,000	191,900
J. & J. Rogers (serial 50,000 biennial), 1 m., 1918-19, 6%	.....	146,000	146,000
Newton Falls Paper, 1 m., 1915-25, 6%	.....	164,000	164,000
Twin Fla. N. Side L. & W., 1 m., 1916-17, 6%	.....	50,000	20,000
Sacramento Vy. Irrig., 1 m., 1919-20, 6%	.....	100,000	25,000
Seattle Impvt., 1914-20, 7%	.....	68,400	68,400
Washington Tide Land, cts., with 10% of prin., 8%	.....	37,560	37,560
Canada Perma., m. d., 1919, 4½%	.....	25,000	25,000

STOCKS.		
Chic. G. West. R.R., p	60,000	22,400
Chic. & Nwn. R.R.	10,000	13,300
Christopher & Tenth St. R.R.	10,080	12,500
Great Northern R.R.	10,000	12,400
Illinois Central R.R.	11,500	12,880
Manhattan Ry.	40,000	53,200
N. Y. C. & H. R. R.R.	10,000	9,000
Northern Pacific R.R.	10,000	11,100
Twenty-third St. R.R.	6,700	16,410
First Nat. Bk. Glens Falls, N. Y.	10,000	50,000
Mount Kisco Nat. Bk.	5,000	13,750
Nat. Bk. of Glens Falls, N. Y.	10,000	40,000
General Adj. Bureau	400	100
Underwriters Salvage	500	750
Western Union Tel.	45,800	27,020
Louisville Prop.	200	60
Barnhart Bros. & Spindler	50,000	47,000
Amer. W. W. & Elect., p.	50,000	7,000

GLENS FALLS INSURANCE COMPANY, Glens Falls, N. Y.—Continued.

Bonds and Stocks Owned.—Cont.	Par Value.	Market Value.
Amer. W. W. & Elec., 1st p.	\$21,000	\$10,500
Amer. W. W. & Elec., c.	10,000	500
Western Adj. & Insp.	100	200
Totals (book value, \$2,460,357)	\$2,662,160	\$2,460,357

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: This company commenced business in 1850 as a mutual; changing to a stock basis and present title in 1864. In 1867, capital was increased from \$100,000 to \$200,000 by cash payments, and in 1912 from \$200,000 to \$500,000 by stock dividend. Confession losses: Chicago, 1871, \$7,500; Boston, 1872, \$61,000; Jacksonville, Fla., 1901, \$65,000; Baltimore, 1904, \$197,500; Rochester, 1904, \$12,500; San Francisco, 1906, \$997,330. Values of special deposits: Ga., \$24,500; Va., \$23,690; Ore., \$25,250; N. Y., \$300,000; Can., \$92,200.

DIRECTORS: Thomas S. Coolidge, John L. Cunningham, Russell A. Little, Louis M. Brown, Byron Lapham, Glens Falls; Mark L. Sheldon, Salem, N. Y.; C. J. De Long, Egbert W. West, Geo. Chaboon, Jr., Geo. B. Greenleaf, Maurice Cooper, Arthur W. Sherman and William A. Brown, Glens Falls.

FIELD MEN AND TERRITORY COVERED: J. L. Whitlock, manager Western department, Glens Falls, N. Y., territory west of O. and east of Rocky Mtns., including Ill., Ind., Ia., Kan.,

Ky., Mich., Minn., Mo., Neb., Okla., Wis., Colo., Utah, N. D., S. D. and Tenn. Special agents: Royal J. Whitlock, Chicago, Ill.; Milton Welch, Jr., Kansas City, Mo.; H. G. Burr, Cedar Rapids, Ia.; J. L. Windsor, Indianapolis, Ind.; J. A. Mayon, Chicago, Ill.; Edwin G. Seibels, manager Southern department, Columbia, S. C.; for Ala., Fla., Ga., N. C. and S. C.; John L. Seibels, assistant manager, Columbia, S. C. Special agents: Charles B. Robb, Columbia, S. C.; for S. C.; Charles M. Hilliard, Tampa, Fla. and J. Walter Hilliard, Palatka, Fla., for Fla.; A. L. Brooks, and T. H. Brooks, Atlanta, Ga., for Ga. and Ala.; G. L. Meyers & Co., Memphis, Tenn., general agents, E. E. Potter, San Francisco, general agent; W. W. Potter, assistant for Pacific Coast States, Ariz., Cal., Ida., Mont., Ore. and Wash.; E. G. Potter, superintendent of agents. Special agents: H. C. Davis, Oakland, Cal.; C. R. Kerns, Helena, Mont.; C. H. Gatchell, Los Angeles, Cal.; Tresevant & Cochran, Dallas, Tex., general agents for Tex.; Special agents: J. G. Smith, S. M. Powell, F. A. Nisbet and E. E. Robinson, Dallas, Tex.; V. B. Wright, Palestine, Tex.; R. M. Anderson and M. M. Overby, San Antonio, Tex.; E. W. Reynolds, Columbus, O., for Ohio; F. M. Smalley, Syracuse, N. Y., for western N. Y.; George B. Greenleaf, general agent, H. W. Knight, Glens Falls, N. Y., for southeastern N. Y. and eastern N. J.; H. S. West, 440 Walnut st., Philadelphia, Pa., for eastern Pa. and southern N. J.; J. S. Akers, 123 Bryant Ave., Bellevue, Pa., for western Pa.; Chas. H. Hoxie, 18 Central st., Boston, Mass., for New England; R. E. Michaels, Richmond, Va., for Del., Md., W. Va. and Va.; Lee Burton, New Orleans, La., for La. and Miss.; W. H. George, Toronto, Can., for Ont.; H. N. Hare, Columbus, O., for O. The company operates in all the states excepting Alaska, Haw., N. M., Nev., Va. and Wyo.

GLOBE AND RUTGERS FIRE INSURANCE COMPANY,
New York, N. Y.

President, E. C. Jameson; Vice-Presidents, Lyman Candee, H. S. Thompson; Secretaries, W. H. Paulison, J. T. Gordon. Organized, 1899.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$8,930,484	\$3,461,690	\$3,584,106	\$4,587,732	\$4,871,025	\$2,894,457	\$160,000	\$1,146,299	\$4,000,856	\$2,790,338
1913	7,900,596	3,150,801	3,095,448	4,482,098	4,748,492	2,508,919	160,000	1,193,965	3,862,884	2,571,007
1912	7,287,228	2,704,971	3,237,545	3,806,954	4,073,215	2,063,600	160,000	954,664	3,178,264	2,251,383
1911	6,332,628	2,550,270	2,639,960	3,681,307	3,920,808	1,930,111	160,000	1,000,378	3,090,489	1,877,155
1910	5,250,692	1,934,235	2,352,368	3,064,762	3,265,197	1,644,191	160,000	823,922	2,628,113	1,702,133

* Includes \$282,273 marine premiums and \$35,351 marine losses.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$72,945	Losses unpaid	\$690,689
Mortgage loans	87,700	Unearned premiums	3,461,690
Bonds and stocks	7,222,602	Borrowed money	690,000
Cash	315,579	Other liabilities	103,999
Accrual balances	1,195,046	Total liabilities	\$4,946,378
Interest	47,468	Capital paid up	400,000
Total	\$8,941,640	Net surplus	3,584,106
Sp. dep. over lab.	11,156	Total	\$8,930,484
Total assets	\$8,930,484		

Underwriting profit, \$283,378; investment profit, \$376,439.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$57,033,537; premiums thereon, \$6,582,087; marine and inland risks in force, \$7,069,264; premiums thereon, \$183,926.

BUSINESS SINCE ORGANIZATION: Premiums received, \$32,733,406; losses paid, \$22,504,922; dividends declared, cash, \$1,512,000.

REAL ESTATE OWNED: Consists of the property at 200 Park Row, 1 and 3 Mott st., and 201-205 Worth st., N. Y., book value \$72,945. There are no incumbrances thereon, and it has yielded a yearly net income ranging from \$3,044 to \$4,174 in the last eight years.

MORTGAGE LOANS: In the aggregate, properties securing \$57,700 of loans are valued at \$180,500, and the company holds \$70,000 of insurance on the buildings. \$780 of interest was overdue December 31, last. The loans are as follows: \$9,000, Broadway, through to John st., Turrytown, N. Y.; \$5,000, 75 St. James pl., Brooklyn; \$1,700, 894 Stuyvesant ave., Brooklyn; \$1,500, 91 Stuyvesant ave., Brooklyn; \$7,000, Valentine and Tiebout ave., N. Y.; \$1,500, E. S. Valentine ave., No. of 184th st., N. Y.; \$37,500, 15 W. 76th st., N. Y.; \$6,500, Valentine and Tiebout ave., N. Y.; \$15,000, Maple st., Englewood, N. J.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
Bonds		
Imp. Jan., 1925, 4½%	\$43,830	\$41,400
Prov. of Alberta, g. d., 1923, 4½%	115,000	111,500

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
Bonds.—Cont.		
Ga.—Dawson wat. wks., 1917-23, 5%	\$10,000	\$10,150
N. Y. Cy., dock, 1917, 3%	150,000	145,500
N. Y. Cy., 1954-37, 3½%	260,000	130,300
N. Y. Cy., 1963, 4½%	71,000	76,680
Va., Cy. of Norfolk, 1922, 5%	20,000	20,200
A. T. & S. Fe Ry., cv., 1935, 4%	2,000	1,960
Albany & Susq. Ry., 1946, 3½%	30,000	26,100
Brinson Ry., 1 m. g., 1935, 5%	20,000	18,600
Brinson Ry., g., 1916, 6%	10,200	9,690
Bway & 7th Ave. Ry., 1 m. ca., 1943, 5%	88,000	90,640
Buff. & Susq. R. R., 1963, 4%	10,000	6,000
B. & O. R. R., cv., 1933, 4½%	50,000	46,000
Chi. Ry., 1 m., 1927, 5%	10,000	9,900
Chi., Mil. & St. P. Ry., cv., 1932, 4½%	50,000	51,000
Chi., Mem. & Gulf R. R., g., 1940, 5%	50,000	47,500
Del. & Hud., cv., 1916, 4%	44,000	43,560
D. & R. G. R. R., cum. adj. m., 1932, 7%	40,000	18,400
D. & R. G., imp. m., 1928, 5%	66,000	54,780
D. & R. G., 1 r. m., 1955, 5%	15,000	8,250
D. & R. G., ca. m., 1936, 4½%	10,000	8,800
D. & R. G., ca. m., 1936, 4½%	23,000	18,400
Erie R. R., gn. ln., 1996, 4%	53,000	38,690
Erie R. R., pr. ln., 1996, 4%	204,000	171,360
Kan. Cy., Ft. S. & Mem. Ry., r. m., 1936, 4%	100,000	73,000
M., K. & T. Ry., St. L. Div., 2001, 4%	23,000	16,100
N. Y. Ry., adj. m. inc., 1942, 5%	18,000	9,720
N. Y. Ry., 1 r. m., 1942, 4%	6,000	4,560
So. Pac., cv., 1929, 4%	30,000	25,800
So. Pac., cv., 1934, 5%	42,000	42,840
So. Ry., gn. m., 1956, 4%	50,000	36,500
St. L. & Swn. Ry., 1 m., 1932, 4%	110,000	75,900
St. L. & San Fran. Ry., gn. ln. 1927, 5%	10,000	4,300
St. L. & San Fran. Ry., r. m., 1951, 4%	50,000	34,500
St. L. & Ir. Mt. & So. Ry., un. & r. m., 1929, 4%	10,000	7,500
Third Ave. Ry., 1 r. m., 1960, 4%	20,000	16,800
Third Ave. Ry., adj. m. inc., 1960, 5%	50,000	39,500
United Ry. Invs., 1 ln. col. tr., 1926, 5%	20,000	14,000
Wabash R. R., 1 m., 1939, 5%	15,000	15,450

GLOBE AND RUTGERS FIRE INSURANCE CO., New York, N. Y.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.	BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.				STOCKS.—Cont.			
Wabash R. R., 2 m., 1939, 5%.....		\$62,000	\$59,520	So. Pac., com.....		\$210,000	\$201,600
West. Pac., 1 m., 1933, 5%.....		35,000	17,150	St. L. & San Fran. R. R. & Chi. & E. Ill. R. R., p. cts.....		25,000	1,000
West Md. R. R., 1 m., 1952, 4%.....		150,000	93,000	Union Pac. R. R., com.....		50,000	64,000
West N. Y. & Pa. Tc., 1 m. r., 1957, 5%.....		27,000	23,080	Union Pac. R. R., p.....		80,000	66,490
Amer. Smelters Sec., g. d., 1928, 6%.....		20,000	20,800	United Rys. Invest., San Fran., p.....		60,000	19,900
Bethlehem Steel, 1 m., 1926, 5%.....		40,000	39,600	West. Md. Ry., p.....		50,000	17,500
Bethlehem Steel, 1 ln. r., 1942, 5%.....		65,000	55,900	Chatham & Phenix Natl Bk.....		10,200	18,156
Cambria Fuel Co., 1 m., 1925, 6%.....		10,000	9,900	Irving Natl Bk.....		6,800	12,240
Cal. Gas & El., r. m., 1937, 5%.....		50,000	46,500	Lawyers Title Ins. & Tr.....		60,000	91,200
Ca. Coal, 1 & r. m. 1950, 5%.....		60,000	53,400	Amer. Smelting & Refining, p.....		130,000	132,600
Denver Gas & El., n., 1917, 6%.....		35,000	33,950	Amer. Smelting & Refining, com.....		100,000	63,000
Denver Gas & El., gn. m., 1949, 5%.....		10,000	9,100	Amalgamated Copper.....		120,000	84,090
Great Falls Pow., 1 m., 1940, 5%.....		50,000	49,000	Brooklyn Union Gas.....		70,000	88,900
Ind. Natural Gas & Oil, r. m., 1936, 5%.....		40,000	33,800	Cambria Fuel, p.....		2,000	2,000
Ind. Steel, 1 m., 1952, 5%.....		60,000	61,200	Ca. Gas.....		340,000	438,600
Magnolia Petroleum Co., g. n., 1916, 6%.....		71,000	71,710	City Invest.....		10,000	8,000
Mont. Pow., 1 r. m., 1943, 5%.....		75,000	69,750	General Adj. Bur.....		450	450
N. Y. & West. Ltg., d., 1954, 5%.....		50,000	50,000	Golden Hill Bldg.....		100,000	100,000
N. Y. & West. Ltg., g. cup., 2004, 4%.....		32,000	26,240	North Amer.....		110,000	81,400
N. Y. Air Brake, g. cv., 1928, 6%.....		40,300	39,494	N. Y. Air Brake.....		151,200	96,768
N. Y. Gas El. Lt., Ht. & Pow., 1949, 4%.....		65,000	56,550	Peoples Gas Lt. & Coke, Chicago, Ill.....		154,000	154,800
Olean El. Lt. & Pow., cv., 1951, 5%.....		25,000	22,500	Pac. Tl. & Tg., p.....		122,500	107,800
Pac. Tl. & Tg., 1 m. col. tr., 1937, 5%.....		80,000	77,800	Pac. Tl. & Tg., com.....		100,000	24,000
Pac. Gas & El., gn. & r. m., 1942, 5%.....		25,000	21,500	Samuel Gans.....		2,500	2,250
Phila., cv. d., 1919, 5%.....		50,000	48,000	United Rys. Invest. of San Fran., div. scr.....		2,700	2,241
So. Bell Tl. & Tg., 1 m. sk. f., 1941, 5%.....		100,000	98,000	U. S. Steel Corp., p.....		220,000	242,000
Standard Gas & El., 1926, 6%.....		25,000	22,500	U. S. Steel Corp., com.....		70,000	43,400
Texas Co., cv. g. d., 1919, 6%.....		53,000	55,550	Underwriters Salvage.....		1,000	1,000
Wis. Edison, cv. g., 1924, 6%.....		30,000	27,900	Wis. Edison.....			5,170
Stocks.				Totals (book value, \$7,712,038).....			
A. T. & S. Fe Ry., com.....		10,000	9,900			\$7,463,680	\$7,247,033
B. & O. R. R., com.....		151,200	134,568	* Securities as per company's valuations; the item in assets is based on insurance department valuations.			
B. & O. R. R., p.....		50,000	40,500	MISCELLANEOUS: Company formed in 1899 by consolidation of Globe Fire and Rutgers Fire Insurance Companies. Capital increased from \$200,000 to \$400,000. Conflagration losses: Baltimore, 1904, \$90,000, net; San Francisco, 1906, \$375,561, net. Values of special deposits: Ga., \$10,100; Va., \$20,200; Can., \$101,850.			
Buff. & Susq. R. R., p.....		20,000	6,000	DIRECTORS: H. R. Chambers, J. S. Frelinghuysen, E. C. Jameson, C. M. Jameson, R. K. Prentice, I. Y. Watkins, W. H. Kellner, William Hills, Chas. E. W. Chambers, Wm. H. W. Morris, Edward C. Gregory, Henry S. Thompson, Lyman Candee, Howard K. Brown, Alfred M. Rogers, David Mahany, J. N. Stearns, Jr.			
Buff. & Susq. R. R., com.....		30,000	2,100	INSPECTORS AND TERRITORY COVERED: Inspectors: Louis Mink, and E. M. Knowles. The company is licensed in all the states of the United States, except Fla. Kan., Ky., Me. Mont., N. M., N. D., Okla., S. D., Tex., Vt. and Wyo.			
Brooklyn Rapid Transit.....		40,000	36,800				
Cal. Ry. & Pow., pr. p.....		25,000	23,000				
Chi. & Nwn. Ry., com.....		90,000	119,700				
Cent. R. R. of N. J.....		160,000	488,000				
Chi., Mil. & St. P. Ry., com.....		140,000	138,600				
Chi., Mil. & St. P. Ry., p.....		61,500	82,410				
D. & R. G. R. R., p.....		30,000	2,400				
Del. & Hud.....		150,000	222,000				
Erie R. R., p.....		70,000	301				
Great Nor. Ry., p.....		140,400	174,096				
Kan. Cy., Ft. Scott & Memp. Ry., p.....		200,000	140,000				
Louisv. & Nashv. R. R., p.....		120,000	165,600				
Louisv. Property.....		900	380				
Manhattan Ry.....		50,000	66,500				
Nor. Pac. Ry., com.....		130,000	144,300				

GLOBE FIRE INSURANCE COMPANY, Huron, S. D.

President, H. C. Shober; Secretary, W. N. Farmer. Organized 1911.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$294,790	\$25,409	\$32,657	\$225,526	\$229,287	\$182,463	\$13,783	\$110,047	\$306,293	\$179,92
1913	302,998	40,044	54,090	166,256	205,262	63,670	8,000	70,540	142,210	63,67
1912	138,033	21,397	14,209	131,232	144,441	89,893	8,000	51,562	149,455	87,24
1911	143,282	9,749	29,467	62,370	*79,745	15,363		23,611	38,976	20,46

* Includes \$24,000 surplus paid in.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$4,800	Losses unpaid.....	\$5,893
Mortgage loans.....	138,494	Unearned prem.....	25,409
Bonds and stocks.....	40,800	Due other Cos.....	28,331
Cash.....	38,684	Other liabilities.....	2,500
Agents' balances.....	8,254		
Interest and rents.....	6,068	Total liabilities.....	\$62,133
Bills receivable.....	58,690	Capital paid up.....	200,000
		Net surplus.....	32,657
Total assets.....	\$294,790	Total.....	\$294,790

Underwriting loss, \$34,925; investment profit, \$33,824.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,166,455; premiums thereon, \$63,522.

BUSINESS SINCE ORGANIZATION: Premiums received, \$547,063; losses paid, \$351,394; dividends declared, cash, \$29,740.

REAL ESTATE OWNED: The company owns a lot located at N. W. ¼ sec. 21, 111, 72, Hyde Co., S. D.; book value, \$4,800. Taxes last year \$37.

MORTGAGE LOANS: There are 82 loans aggregating \$138,494, practically all of which are on properties located in S. east of Missouri River; two loans are on property in North Dakota. On Dec. 31, last there was \$1,904 of interest past due.

BONDS OWNED:		Par Value.	Mark Val.
Huron Masonic Temple.....		\$1,000	\$1.0
First Nat. Bk., Miller, S. D.....		6,400	9.6
First Nat. Bk., Highmore, S. D.....		7,900	19.7
Nat. Bk., Huron, S. D.....		9,500	10.4

Totals (book value, \$40,800)..... \$24,800 \$40.1

MISCELLANEOUS: This company was organized March 1911. It commenced business with a paid-up capital of \$100,000. Capital increased in 1913 to \$200,000.

DIRECTORS: H. C. Shober, Neil McKay, Geo. C. Fuweider, W. N. Farmer, C. P. Swanson, H. C. Harris, A. A. Charnlain.

TERRITORY COVERED: Ill., Mont., N. D. and S. D. or

GRANITE STATE FIRE INSURANCE COMPANY, Portsmouth, N. H.:

President, Calvin Page; Secretary, A. F. Howard. Organized, 1885.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,202,754	\$624,194	\$312,080	\$643,544	\$891,162	\$441,500	\$20,000	\$237,740	\$699,240	\$439,527
1913	1,198,826	694,026	337,389	617,750	666,956	343,685	20,000	229,572	593,257	340,086
1912	1,166,755	561,724	335,127	568,153	606,915	330,128	20,000	220,065	570,193	337,431
1911	1,136,026	562,503	312,330	607,087	654,224	411,806	20,000	229,523	661,329	391,068
1910	1,154,349	541,22	319,628	600,005	644,165	330,586	20,000	224,471	675,057	327,495

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914	
Real estate.....	\$45,000	Losses unpaid.....	\$55,649
Mortgage loans.....	10,600	Unearned premiums.....	624,194
Bonds and stocks.....	943,319	Other liabilities.....	10,831
Cash.....	75,802		
Agents' balances.....	115,116	Total liabilities.....	\$699,674
Interest and rents.....	12,917	Capital paid up.....	200,000
		Net surplus.....	312,080
Total assets.....	\$1,202,754	Total.....	\$1,202,754

Underwriting loss, \$59,369; investment profit, \$54,059.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$69,716,392; premiums thereon, \$1,193,545.

BUSINESS SINCE ORGANIZATION: Premiums received, \$12,855,516; losses paid, \$7,142,261; dividends declared, cash, \$54,000.

REAL ESTATE OWNED: Consists of a 4-story brick building on Congress st., Portsmouth, N. H., and a 1-story brick building adjoining at Fleet and Porter sts., Portsmouth. Rents received last year, \$5,516, taxes and expenses, \$2,504.

MORTGAGE LOANS: Three loans, aggregating \$10,600, are secured by properties in New Hampshire and Minnesota, valued at \$21,000. No interest is past due. Company holds \$9,000 of fire insurance on the buildings.

BONDS AND STOCKS OWNED.		Par Value.	Market Value.
Albany, imp., 1915, 4%.....		\$10,000	\$10,000
Albany, sr., 1931, 4½%.....		5,000	5,250
Albany, st., 1931, 4½%.....		500	525
Alexy, Wash. ave., 1931, 4½%.....		4,500	4,725
Allegheny Co., Pa., Co. Rds., 1936, 4%.....		10,000	9,700
Berk., N. H., imp., 1924, 4½%.....		11,000	11,330
Boston, Co. C. H., 1910, 3½%.....		2,000	1,960
Boston, pub. pk., 1920, 3½%.....		6,000	5,820
Boston, drain., 1935, 3½%.....		14,000	12,880
Boston, Blue Hill ave., 1936, 4%.....		12,000	11,760
Boston, rap. tran., 1938, 3½%.....		10,000	9,200
Burlington, Vt., st. imp., 1917, 4%.....		5,000	4,950
Cal. State, harb., imp., 1985, 4%.....		20,000	19,000
Coca Co., N. H., C. H., 1915, 4%.....		5,000	5,000
Cambridge Co., Me., Co. bldg., 1921, 3½%.....		10,000	9,600
Dallas, Tex., wat., 1943, 4%.....		25,000	23,500
Derry, N. H., f., 1928, 4½%.....		10,000	10,000
Derry, N. H., f., 1928, 4½%.....		10,000	10,500
Gloucester, Mass., wat., 1932, 3½%.....		10,000	9,200
Hillb. Bg., N. H., 1917, 4%.....		25,000	24,750
Hillb. Co., N. H., bldg., 1921, 4%.....		10,000	9,900
Hudson Co., N. J., bldg., 1949, 4%.....		25,000	24,000
King Co., Wash., f., 1928, 5%.....		10,000	10,400
Lancaster, N. H., 1923, 4%.....		5,000	5,000
Lancaster, N. H., sr. & f., 1924, 4%.....		5,000	5,000
Los Angeles, Cal., wat., 1920, 4½%.....		10,000	10,000
Malden, Mass., wat., 1919, 4%.....		12,000	11,880
Mass. State, 1918, 3½%.....		20,000	19,600
Mass. State, prison & hosp., 1931, 3½%.....		10,000	9,400
Mass. State, met. wat., 1938, 3½%.....		20,000	19,600
Minneapolis, Minn., bg., 1939, 4%.....		5,000	4,800
Montpelier, Vt., 1929, 4%.....		10,000	9,800
Mt. Vernon, N. Y., sr., 1939, 3½%.....		15,000	14,850
Nashua, N. H., num., 1915, 4%.....		10,000	9,800
Nashua, N. H., num., 1915, 4%.....		14,000	14,000
Nashua, N. H., wat., 1928, 4%.....		11,000	10,450
S. H. bldg., 1920, 3½%.....		5,000	5,000
S. H. bldg., 1921-25, 3½%.....		50,000	44,500
Newton, Mass., st., 1935, 4%.....		9,000	8,910
N. Y. State, cas., 1960, 4%.....		25,000	25,500
N. Y. C., mun., 1936, 4%.....		10,000	9,900

* Statement according to Massachusetts statement

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
N. Y. C., rap. tran., 1948, 3½%.....		\$20,000	\$17,800
N. Y. C., d. & f., 1953, 3½%.....		8,000	7,040
N. Y. C., mun., 1954, 3½%.....		10,000	8,800
N. Y. C., mun., 1955, 4%.....		15,000	14,850
Norfolk, Va., app., 1940, 4½%.....		10,000	9,600
Pittsfield, N. H., f., 1916, 4%.....		2,500	2,600
Portland, Me., r., 1923, 3½%.....		10,000	9,600
Portsmouth, N. H., f., 1916, 4%.....		18,500	18,500
Quincy, Mass., sr., 1933-4, 4%.....		6,000	6,000
Rochester, N. Y., wat., 1933, 4½%.....		10,000	10,600
Rutland, Vt., sr., 1924, 4%.....		5,000	4,950
Seattle, Wash., pk., 1927, 4%.....		20,000	19,200
Seattle, Wash., sr., 1927, 4½%.....		10,000	10,000
Tacoma, Wash., wat., 1923, 5%.....		10,000	10,400
Taunton, Mass., wat., 1918, 4%.....		8,000	8,000
Toronto, Can., d., 1948, 4%.....		14,600	12,994
Waterville, Me., f., 1935, 3½%.....		10,000	9,000
Worcester, Mass., sr., 1928, 4%.....		9,000	9,270
Bay State St. Ry. Co., s. n., 1929, 5%.....		10,000	9,900
Bos. Elev. Ry., 1937, 4½%.....		25,000	23,000
Bos. Elev. Ry., 1942, 5%.....		10,000	9,800
Bos. & Me. R.R., reg., 1923, 3½%.....		3,000	2,340
Bos. & Me. R.R., 1926, 4%.....		10,000	7,700
Bos. & Me. R.R., 1929, 4½%.....		20,000	15,400
Con. & Mont. R.R., gn. m., 1920, 4%.....		30,000	28,800
Con. & Mont. R.R., C. & H., 1920, 3½%.....		21,000	19,110
Con. & Mont. R.R., M. & M., 1920, 3½%.....		14,000	12,740
Fitchburg R.R., 1928, 4%.....		5,000	4,500
Ill. C. R.R., 1 m., 1952, 3½%.....		5,000	4,100
N. Y. C. & H. R. R.R., g.m., 1997, 3½%.....		15,000	10,790
No. Pac. & G. N. R.R., jt. 4., 1921, 4%.....		15,000	14,580
Old Colony St. Ry., 1 m., 1954, 4%.....		10,000	8,800
Pet' & Hilleb. R.R., 1 m., 1917, 4½%.....		10,000	9,600
Port. & Og. Ry., 1 m., 1928, 4½%.....		10,000	9,800

STOCKS.		Par Value.	Market Value.
Bos. & Me. R.R., c.....		20,000	7,000
Con. & Mont. R.R., 1.....		4,800	5,184
Con. & Mont. R.R., 3.....		700	756
Con. & Mont. R.R., 4.....		3,500	3,780
Ill. Cent. R.R.....		10,000	11,900
Pa. R.R.....		10,000	11,100
N. H. Nat. Bk., Portsmouth, N. H.....		16,300	26,675
Gn. Adj. Bur., N. Y.....		400	400
Nash. C., G. & C. Paper, N. H., p.....		5,000	4,500
Underwriters Salv., N. Y.....		500	750

Totals (book value, \$1,012,826)..... \$969,800 \$943,319

MISCELLANEOUS: Value of deposit in Va., \$9,000.

DIRECTORS: Calvin Page, Albert Wallace, Alva W. Sulloway, George H. Stowell, Fred H. Ward, Parker W. Whittemore, Joseph O. Hobbs, William G. Everett, Alfred F. Howard, John W. Emery, Wallace D. Smith, William C. Walton, Frederick M. Sims, Geo. N. Andrews, J. Arthur Brown.

FIELD MEN AND TERRITORY COVERED: The James A. Jones Agency, general agents, Detroit, for Mich.; Albert G. Hancock, general agent, Baltimore, Md.; Mather & Co., general agents, Philadelphia, Pa.; Gerald L. Schuyler, general agent, Denver, Colo.; F. C. Whittemore, St. Louis, Mo.; Macomber, special agent, Indianapolis, Ind.; special agent; Geo. E. Macomber, special agent, Augusta, for Me.; Arthur F. Howard, Portsmouth, N. H.; W. G. Everett, Manchester, N. H., for N. H. and Vt.; John A. Whalley & Co., Seattle, Wash. The company does business in Colo., Conn., Del., D.C., Ill., Ind., Ky., Me., Md., Mass., Mich., Mo., N.H., N. J., N. Y., N. C., O., Pa., R. I., Vt., Va., W. Va., Wash. and Wis.

GREAT NORTHERN FIRE INSURANCE COMPANY, St. Paul, Minn.

President, John Q. McIntosh; Vice-President, George W. La Brande; Secretary and Treasurer, Albert Berg. George T. Simpson, Counsel. Organized, 1914.

This company was incorporated under the laws of Minnesota, March 10, 1914, and is supposed to have commenced business April 10, 1914. Its authorized capital was \$500,000, divided into 50,000 \$10 shares. The charter called for insurance against loss or damage by fire, water, lightning, hail, tempest, etc., and also gave the company power to insure vessels, freight goods and automobiles. While no statement has been obtainable, we were ad-

vised as of February 2, 1915, that one was in course of preparation. The officers are well spoken of in local circles. The directors are, G. O. McIntosh, G. W. La Brande, C. L. Maguire, Albert Berg, J. A. Schmahl, G. T. Simpson. General Counsel: E. O. Eberhart, J. I. Silbar, S. A. Farnsworth, C. T. Schelly, L. F. Dow, H. M. Poppe, J. C. Fulton, George Jarchow.

GREAT SOUTHERN FIRE INSURANCE COMPANY, Lyndon, Ky.

President, Wm. H. Cox; Secretary, D. J. Ramers; Managing Underwriter, L. E. Dyson. Organized, 1913.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$568,396	\$154,928	—\$10,167	\$196,985	\$277,392	\$247,002	\$15,712	\$129,678	\$392,392	\$76,995
1913	597,870	169,252	89,247	295,199	304,048	41,916	.....	111,994	153,910	89,727

MISCELLANEOUS: The company began business in Feb., 1913, with a \$100,000 capital and \$100,000 initial surplus paid in. Earl in 1915, it merged with the Henry Clay Fire, of Lexington, Ky.

GUARDIAN FIRE INSURANCE COMPANY, Salt Lake City, Utah.

President D. C. Eccles, Secretary, E. D. Petrie. Organized, 1913.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$198,641	\$6,801	\$92,468	\$10,084	\$11,672	\$2,606	.....	\$4,136	\$6,742	\$5,658

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$25,750	Losses unpaid.....	\$3,052
Ore. R. T.....	1,600	Unearned prems....	6,801
Collateral loans.....	57,596		
Cash.....	111,579	Total liabilities....	\$9,853
Agents' balances....	876	Capital paid up....	96,320
Interest and rents..	1,240	Net surplus.....	92,468
Total assets.....	\$198,641	Total.....	\$198,641

Underwriting loss, \$6,511; investment profit, \$2,659.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$893,181; premiums thereon, \$10,084.

BUSINESS SINCE ORGANIZATION: Premiums received, \$10,084; losses paid, \$2,606.

MORTGAGE LOANS: There are 6 loans aggregating \$25,750 on improved property in Utah, valued at almost double the amount loaned thereon.

COLLATERAL LOANS are as follows:		Amount Loaned.
Pingree Nat. Bank, Ogden.....		\$2,500
National City Bk., Salt Lake City.....		10,000
Utah Const. Co.....		20,000
Cement Securities Co.....		

COLLATERAL LOANS.—Cont.		Amount Loaned
Securities.—Cont.		
First mortgage on farm prop.....		\$4,000
Ogden Pack. & Prov. Co.....		5,000
Cement Securities Co.....		4,000
National City Bk., Salt Lake City.....		
Agency Co., Salt Lake City.....		12,096
Beech Grove, Summer Resort.....		
Totals.....		\$57,596

MISCELLANEOUS: This company was incorporated during 1913 and commenced business during January, 1914. The company is managed by the Agency Company of Salt Lake City, which guarantees under contract a certain premium income at a limited expense ratio. The company for the present will confine its operations to Utah.

DIRECTORS: David C. Eccles, C. E. Loose, Thos. Smart, W. S. McCormick, Jas. Pingree, Jas. Mack, John McSorley, D. L. Evans, Hyrum Pingree, R. L. Fishburn, Jr., G. C. Parkenson, Theo. Schweitzer, S. C. Parkenson, Almon Robinson, Hans Taft, Martin Pond, A. C. Ellis, Le Roy Eccles, R. W. Sloan.

FIELD MEN AND TERRITORY COVERED: The agency company, Salt Lake City, managers. The company operates in Utah only.

HAMILTON FIRE INSURANCE COMPANY, New York, N. Y.

President, E. C. Jameson; Secretary, Arthur Lensen, Jr. Organized, 1852.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$449,389	\$109,436	\$52,334	\$206,564	\$222,827	\$148,534	\$8,047	\$38,944	\$195,525	\$157,19
1913	421,384	107,402	41,169	189,646	207,775	139,695	7,979	29,398	177,072	143,82
1912	401,163	104,092	30,385	189,063	203,321	176,720	.....	29,987	206,707	183,66
1911	416,745	102,450	51,026	208,370	220,315	111,235	.....	27,468	138,703	141,02
1910	303,277	62,502	19,159	128,451	137,478	28,612	.....	19,952	48,564	42,34

HAMILTON FIRE INSURANCE COMPANY, New York, N. Y.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$62,000	Losses unpaid	\$51,934
Bonds and stocks	301,830	Unearned premiums	109,436
Cash	25,073	Borrowed money	25,000
Agents' balances	58,874	Other liabilities	10,681
Interest	1,612		
		Total liabilities	\$197,061
		Capital paid up	200,004
		Net surplus	52,334
Total assets	\$449,389	Total	\$449,389

Underwriting profit, \$1,572; investment profit, \$17,590.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$17,534,771; premiums thereon, \$215,601.

BUSINESS SINCE ORGANIZATION: Premiums received, \$5,402,442; losses paid, \$3,368,637; dividends declared, cash, \$693,226.

MORTGAGE LOANS: Loans aggregating \$62,000 are secured by properties at 501-503 and 502-4 W. 176th st., New York, valued at \$101,000. Both mortgages are guaranteed.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
N. Y. C. (cp. stk.)		\$53,000	\$52,470
N. Y. C. (cp. stk.)		25,000	22,000
N. Y. C. (N. Y. C. dock)		20,000	18,800
N. Y. C. (interchangeables)		25,000	25,250
N. Y. C. (cp. stk.)		20,000	21,400
Denver & Rio Grande 1 & 2		10,000	4,800
Eng. In.		10,000	7,300
No. Pac. cv.		5,000	4,300
N. L. & San Fran. r.		15,000	9,450
N. L. & N. W. cv.		10,000	6,900

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Stocks.			
Amer. S. & R. Co., c.		\$60,000	\$37,800
Amer. S. & R. Co., p.		10,000	10,200
Louis & Nash, c.		12,000	16,560
No. Pac.		20,000	22,200
Kan. City, F. S. & M., p.		10,000	7,000
Pac. Tg. & Tl., p.		10,000	8,800
No. Amer. Co.		10,000	7,400
So. Pac. Co.		20,000	19,200
Totals (book value, \$327,325)		\$345,000	\$301,830

MISCELLANEOUS: Company reinsured in Hartford Fire, February 18, 1904; made assessment on its stock of \$79,549 and resumed business June 9, 1904; reinsured in Delaware, Phila., 1908; resumed business December, 1909. Capital increased in 1906 from \$150,000 to \$200,004, and \$50,001 surplus paid in. Conflagration losses: Baltimore, 1904, \$95,794; San Francisco, 1906, \$2,445.

DIRECTORS: Jos. S. Stout, E. C. Jameson, J. S. Frelinghuysen, Arthur Lensen, Jr., S. R. Outerbridge, Archibald Douglas, C. M. Jameson, N. F. Lensen, S. B. Campbell, H. R. Chambers, A. A. Forrest, H. W. Hayward, T. L. Bailey.

FIELD MEN AND TERRITORY COVERED: General agents: Edward Brown & Sons, San Francisco, Cal.; J. T. Birdsell, Philadelphia, Pa.; C. J. Adams Co., Atlantic City, N. J.; Rollins & Burdick, Chicago, Ill. The company is licensed in Cal., Ill., N. J., N. Y. and Pa.

HANOVER FIRE INSURANCE COMPANY, New York, N. Y.

President, R. Emory Warfield; Vice-President and Secretary, Joseph McCord. Organized, 1852.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$4,565,075	\$2,544,976	\$706,316	\$2,279,286	\$2,438,582	\$1,463,833	\$126,000	\$967,040	\$2,555,873	\$1,400,229
1913	4,724,407	2,642,122	741,304	2,528,857	2,700,684	1,574,375	100,000	1,023,192	2,758,567	1,444,411
1912	4,965,859	2,701,092	911,592	2,772,862	2,947,128	1,394,096	180,000	1,173,240	2,727,336	1,293,848
1911	4,518,153	2,275,238	1,182,412	2,371,864	2,549,095	1,384,673	195,000	937,115	2,516,788	1,340,065
1910	4,320,678	2,210,667	1,288,079	2,423,326	2,614,661	1,343,094	150,000	953,874	2,446,968	1,216,122

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$1,129,473	Losses unpaid	\$271,426
Mortgage loans	3,500	Unearned premiums	2,544,976
Bonds and stocks	2,895,154	Other liabilities	62,357
Cash	171,647		
Agents' balances	375,441	Total liabilities	\$2,878,759
Interest and rents	29,160	Capital paid up	1,000,000
		Net surplus	706,316
Total	\$4,604,375		
Sp. dep. over liab.	19,300		
Total assets	\$4,585,075	Total	\$4,585,075

Underwriting loss, \$45,202; investment profit, \$154,514.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$107,853,464; premiums thereon, \$3,035,882.

BUSINESS SINCE ORGANIZATION: Premiums received, \$70,416,796; losses paid, \$40,712,508; dividends declared, cash, \$5,498,500; stock, \$100,000.

REAL ESTATE OWNED: Consists of the 13-story office building at 24-36 Pine st., New York, occupied in part by the company's head office; no incumbrances, book value, \$907,956, valued at \$1,129,473.

MORTGAGE LOAN: A loan of \$3,500 is secured by a Brooklyn property, 412 Union st., valued at \$7,500.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Dist. of Col., L. 1924, 3.65%		\$50,000	\$52,000
Georgia, 1917, 2%		10,000	9,750
Commonwealth of Mass., reg., 1940, 3%		40,000	36,800
Commonwealth of Mass., c., wat. l., 1942, 2%		60,000	55,200
New York, Can. Imp., 1958, 3%		50,000	49,500
New York, Can. Imp., 1959, 3%		50,000	49,500
N. Y., R. T., 1964, 4%		38,000	39,140

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
N. Y., Wat., 1964, 4%		\$12,000	\$12,360
N. Y., Dock, 1921, 3%		75,000	70,500
Richmond, Va., 1922, 5%		50,000	51,500
Atl. Cst. L. R. R., 1st m. g., 1932, 4%		25,000	23,500
Atl. Cst. L. R. R., cv. d., 1939, 4%		50,000	47,000
Balt. & O., cv., 1933, 4%		45,000	41,400
Bklyn. City R. R., 1 m. & ca., m., 1941, 5%		25,000	25,500
Bklyn. Un. El. R. R., 1 m. g., 1950, 5%		25,000	25,750
Cent. Pac. R. R., 1 r. m. c., 1949, 4%		50,000	47,000
Chic., Mil. & St. P. Ry., 1 m., 1921, 5%		10,000	10,500
Chic., Mil. & St. P. Ry., cv., 1932, 4%		8,000	8,160
Chic., R. I. & Pac. Ry., gn. m. g., 1938, 4%		40,000	35,600
Chic., R. I. & P. Ry., 1 & r. m. g., 1934, 4%		20,000	14,400
Clev. Cin., Chic. & St. L. Ry., gn. m. g., 1938, 4%		25,000	19,250
Col. & Ninth Ave., N. Y., Ry., 1 m. g., 1993, 5%		10,000	10,000
Colo. & So. r. & ext. m. g., 1935, 4%		25,000	22,000
Del. & Hud., cv. d., 1916, 4%		25,000	24,750
Erie R. R., pr. ln. g., cv., 1996, 4%		50,000	42,000
Kan. City Ter. Ry., 1 m. g., 1980, 4%		20,000	18,800
King's El. R. R., 1 m. g., 1949, 4%		35,000	29,400
L. I. R. R., r. m. g., 1949, 4%		50,000	45,500
Manhattan Ry., ca. m. g., 1990, 4%		25,000	23,250
Mieh. Cent. R. R., d. g., 1929, 4%		25,000	21,000
Mo., K. & T. R. R., 1 m. c., 1990, 4%		50,000	43,500
Mo. Pac. R. R., 1 col. m., 1920, 5%		75,000	68,250
No. Pac. & Gt. No., Jt. C. B. & Q. col. c., 1921, 4%		90,000	87,300
N. Y. C. & H. R. R. R., L. S., col., 1998, 3%		50,000	39,000
No. C. R. R., gn. m., 1925, 4%		20,000	20,400
No. & West. R. R., 1 col. m. c., c., 1990, 4%		50,000	48,000
Penn., reg., gr., 1921, 4%		36,000	36,720

HANOVER FIRE INSURANCE COMPANY, New York, N. Y.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
BONDS.—Cont.		Value.	Value.
St. L. Iron Mtn. & So. R. R., un. & r., 1929, 4%.....	\$50,000	\$37,500	
St. L. Iron Mtn. & So. Ry., gn. & r., 1st Grt. m., 1931, 5%.....	30,000	30,000	
So. Ry., 1 c. m., g., 1994, 5%.....	50,000	52,500	
So. Ry., (St. L. Div.) 1 m., g., 1951, 4%.....	25,000	21,750	
So. Pac. cv. g., 1929, 4%.....	53,000	45,580	
So. Pac. San Fran. tm., 1 m., 1950, 4%.....	34,000	28,900	
So. Pac. R. R., 1 r. m., g., 1955, 4%.....	50,000	46,000	
Un. Pac. R. R., 1 in. & r. m., g., 2008, 4%.....	25,000	23,750	
Wabash R. R., 1 r. & ext. g., 1956, 4%.....	50,000	17,000	
West. Md. R. R., 1 m., g., 1952, 4%.....	50,000	31,000	
Laclede Gas Lt., of St. L., 1 m., g., 1919, 5%.....	25,000	25,500	
Mortgage Bond of N. Y., g., 1966, 4%.....	24,000	20,160	
New York Gas & El. Lt., Ht. & Pow., col., 1949, 4%.....	25,000	21,750	

STOCKS.		Par	Market
Atch., T. & S. F. p.....	25,000	25,750	
Chic. Gt. W. Ry. p. tr. cts.....	11,000	4,180	
Chic., Mil. & St. P. Ry., p.....	50,000	67,000	
Chic. & Nown. Ry., com.....	80,000	106,400	
Chic. & Nown. Ry., p.....	30,000	53,100	
Clev., Cin., Chi. & St. L. Ry., p.....	50,000	25,000	
Colo. & So. Ry., p.....	30,000	12,300	
Del. & Hud. Ry.....	10,000	14,800	
Kan. Cy., Ft. So. & Mem. Ry., p.....	30,000	21,000	
Manhattan Ry., co.....	120,000	159,600	
Pa. R. R.....	151,250	167,887	
Reading.....	15,000	24,600	
Rensselaer & Saratoga R. R., co.....	10,000	18,000	
Un. Pac. R. R.....	50,000	57,600	
Union Pacific Railroad, p.....	55,000	46,650	
United New Jersey Railroad & Canal.....	15,000	33,750	
Amer. Exch. Nat. Bank.....	15,000	31,200	
Bank of America.....	8,000	44,800	
Nat. Pk. Bank.....	2,500	9,175	
Central Trust.....	2,500	25,600	
Brooklyn Union Gas.....	20,000	25,400	
Consolidated Gas.....	50,000	64,500	
General Adj., N. Y.....	150	150	
Lehigh Coal & Nav.....	30,550	49,491	
The United Gas Imp.....	60,000	100,800	
Underwriters Bldg., of N. Y.....	500	750	
Underwriters Bldg. of Chicago.....	500	500	

Totals (book values, \$3,089,324)..... \$2,801,950 \$2,895,153

MISCELLANEOUS: Capital increased in 1863 from \$200,000 to \$400,000. In 1871 received for "calls on capital," \$200,000,

of 50 per cent; reduced in 1872 to \$250,000; increased in 1873 to \$400,000; increased in 1875 to \$500,000, by stock dividend; increased in 1881 to \$1,000,000; reduced in 1906 to \$500,000 and later in the same year increased to \$1,000,000; \$250,000 was realized as premium on the new stock issued. Confignation losses: Portland, Me., 1868, \$37,074; Philadelphia, Pa., 1869, \$37,328; Chicago, Ill., 1871, \$360,821; Boston, Mass., 1872, \$252,772; Boston, Mass., 1873, \$15,165; Haverhill, Mass., 1882, \$13,876; Carthage, N. Y., 1884, \$42,966; Lynn, Mass., 1889, \$39,662; Boston, Mass., 1889, \$28,423; Syracuse, N. Y., 1891, \$17,353; Sea Bright, N. J., 1891, \$10,322; Jacksonville, Fla., 1901, \$87,977; Waterbury, Conn., 1902, \$22,192; Paterson, N. J., 1902, \$59,188; Rochester, N. Y., 1904, \$9,307; Baltimore, Md., 1904, \$363,385; Hot Springs, Ark., 1905, \$10,560; San Francisco, Cal., 1906, \$1,376,542; Chelsea, Mass., 1908, \$232,436. Values of special deposits: Ga., \$9,750; Va., \$51,500.

DIRECTORS: R. Emory Warfield, Andrew F. Derr, Joseph T. Low, William Allen Butler, Stuart G. Nelson, Frank P. Carpenter, A. D. Straus, George W. Stickie, Israel P. Pardee, Wm. H. Ziegler, Chas. A. Shaw, Samuel J. Clarke, James R. Harrison, Joseph McCord, George Cromwell, Benjamin Walworth Arnold, Arthur S. Walcott, John F. Derr, Henry G. Sanford, James E. Clark, Edward Hunter Landon, Robert L. Pierrepont, Edward H. Ladd, Jr., Alfred E. Marling, Frank G. Darte, Horace C. Coleman, S. Davies Warfield.

FIELD MEN AND TERRITORY COVERED: Charles D. Palmer, New England; E. Stanley Jarvis, Conn. and Eastern N. Y.; Chas. R. Hobart, Central N. Y.; F. M. Crittenden, Western N. Y.; Thompson, Derr & Bro., general agents, Pa.; Olin Derr, for N. J.; Reinhardt, Pattillo & Reinhardt, general agents, Tex.; G. L. Meyers & Co., Memphis, Tenn., general agents for Ark.; H. Y. Chatterly, for D. C., Del., Md., Va.; Alfred Paul & Son, general agents for W. Va.; Frank B. Clark, general agent for La. and Miss.; F. A. McCarrroll, for Ala. and Ga.; F. C. Calkens & Co., general agents for Fla.; R. W. Snyder, Ky. and Tenn.; Webb & Skinner, general agents for N. C. and S. C.; Chas. W. Hingle, 1105 Insurance Exchange, Chicago, Ill., general agent, Western States; F. A. Hubbard, assistant general agent; Wm. M. Hingle, Minn.; Geo. H. Scott, assistant for Minn.; Geo. M. Graham, N. D.; E. W. Pepper, S. D.; Lee W. Bort, O.; A. B. Fipp, assistant for O.; W. K. Maxwell, Ill.; W. C. Myers, assistant for Ill.; W. S. Nevins, Mo. and Kan.; C. M. Carter, Okla.; F. E. Hathorn, Ia.; C. W. Borrett, assistant for Ia.; H. O. Phillips, Ind.; A. K. Driscoll, Colo.; C. Allhouse, Mich.; Chas. U. Hendrickson, for Neb.; Montgomery Clark, Wis.; Bertheau, Selbach & Bertheau, 411 Sansome st., San Francisco, Cal., general agents for Cal. and Utah; William Deane, State agent, A. S. Hatfield, assistant, Ida., Mont., Ore. and Wash.; T. D. Schwabel, special agent for Bay counties and No. Cal.; R. L. McCulloch, special agent for So. Cal.; Kenneth C. V. Medcalf, Mountainfield. The company does business in all the States and Territories excepting Alaska, Ariz., Haw., Nev., N. M., P. I., P. R. and Vt.

HARTFORD FIRE INSURANCE COMPANY, Hartford, Conn.†

President, R. M. Bissell; Chairman of Board, Chas. E. Chase; Vice-Presidents, Whitney Palache and James Wyper; Secretaries, Frederick Samson and S. E. Locke; Recording Secretary and Treasurer, D. J. Glasier; Assistant Secretaries, Thos. H. Scotland and E. A. Bolmar. Organized, 1810.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$26,880,758	\$15,251,453	\$6,969,762	\$16,203,400	\$17,167,704	\$9,383,639	\$800,000	\$4,107,023	\$16,290,662	\$9,567,670
1913	26,560,146	14,781,392	7,575,783	16,454,395	17,472,448	8,812,708	800,000	6,473,475	15,886,183	8,791,311
1912	26,517,854	13,871,736	8,539,228	15,443,141	16,435,081	8,511,526	830,000	5,996,218	15,037,744	8,516,539
1911	25,449,839	14,160,774	7,819,707	15,478,917	16,459,657	8,779,985	700,000	5,717,501	15,197,486	8,594,416
1910	24,363,636	13,784,741	6,923,967	15,789,689	16,613,187	8,470,018	800,000	5,764,801	15,034,819	8,398,816

† Includes \$753,142 mar. prems. and \$182,490 mar. losses.

‡ Transacts both fire and marine business.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$728,000	Losses unpaid.....	\$1,654,270
Mortgage loans.....	394,500	Unearned prems.....	15,251,453
Bonds and stocks.....	21,237,343	Special reserve.....	500,000
Collateral loans.....	30,000	Other liabilities.....	505,273
Cash.....	1,531,667		
Agents' balances.....	2,765,076	Total liabilities.....	\$17,910,996
Interest.....	265,777	Capital paid up.....	2,000,000
Other assets.....	9,816	Net surplus.....	6,969,762
Total.....	\$26,952,169		
Spl. dep. over liab.....	71,411		
Total assets.....	\$26,880,758	Total.....	\$26,880,758

Underwriting loss, \$128,221; investment profit, \$625,208.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,817,993,638; premiums thereon, \$29,124,890; marine and inland risks in force, \$29,107,288; premiums thereon, \$655,986.

BUSINESS SINCE ORGANIZATION: Premiums received, \$306,151,023; losses paid, \$176,586,888; dividends declared, cash, \$18,220,329; stock, \$950,000.

REAL ESTATE OWNED: The principal item is the brick and granite building at Pearl and Trumbull sts., Hartford, of which the actual cost was \$838,569, and which is carried at \$700,000. The remaining properties are 3 brick buildings in Chicago and Hartford, valued at from \$5,000 to \$16,000 each.

MORTGAGE LOANS: There are 19 loans, aggregating \$345,500, and ranging in amount from \$4,000 to \$52,000. The largest are one of \$52,000 on apartment building, 714-728 W. Van Buren st., and 718-727 Boston ave., Chicago, valued at \$125,000, and one of \$75,000 on brick department stores at 701-705 Nicollet ave.

HARTFORD FIRE INSURANCE COMPANY, Hartford, Conn.—Continued.

Minneapolis, Minn., valued at \$215,000. The others are upon properties in Chicago, Portland (Ore.), New York, New Britain, Conn. and Dallas, Tex. The total valuation of the mortgaged properties is \$963,700, and the company holds \$375,100 of insurance on the buildings. There was no interest past due on December 31 last.

COLLATERAL LOANS are as follows:		
Securities.	Market Value.	Amount Loaned.
Atlanta, Ga., 4% red., 1920.....	\$19,400	
Atlanta, Ga., 3½% red., 1931.....	8,700	
Atlanta, Ga., 3½% wat., 1931.....	1,750	\$30,000
Atlanta, Ga., 4½% wat., 1922.....	3,000	
Atlanta, Ga., 4½% wat., 1922.....	5,000	
Totals.....	\$38,160	\$30,000

BONDS AND STOCKS OWNED:		
Bonds.	Par Value.	Market Value.
Cuba, Rep., ext. loan, 1944, 5%.....	\$100,000	\$101,000
U. S. of Amer., 1925, 4%.....	10,000	11,100
Albion, Prov., g. d., 1924, 4½%.....	35,000	33,950
Atlanta, Ga., wat., 1921-32, 4½%.....	32,000	32,000
Atlanta, Ga., se., 1932, 4½%.....	10,000	10,000
Atlanta, Ga., wat., 1934-5, 4½%.....	60,000	60,000
Baltimore, Md., sr. imp. loan, 1980, 3½%.....	50,000	42,500
Dallas, Tex., cy. hll. g., 1952, 4½%.....	50,000	51,000
Georgia State, 1918, 3½%.....	15,000	14,850
Hamilton, Ont., d., 1927, 4%.....	50,000	46,500
Hamilton, Ont., d., 1934, 4½%.....	50,000	48,000
Hartford, Conn., Conn. R. B., 1955, 3½%.....	113,000	100,570
Lexington, Ont., gn. ca. loan d., 1924, 3½%.....	59,000	53,690
Los Angeles, Cal., w. w., 1921-41, 4½%.....	80,000	80,250
Massachusetts, P. Q., d., 1954, 5%.....	24,333	24,332
Metropolitan Corp., 1926, 4%.....	62,500	59,375
Nashville, Tenn., h. se., 1940, 4½%.....	50,000	50,000
Portland, Ore., city hall, 1920, 5%.....	24,000	25,110
Portland, Ore., wat., 1935, 4%.....	50,000	48,500
Portland, Ore., pk. & divd., 1937, 4%.....	50,000	49,500
Richmond, Va., 1921, 4%.....	52,500	51,450
Toronto, Ont., gn. ca. loan d., 1929, 3½%.....	58,133	59,957
Toronto, Ont., d., 1930-45, 3½%.....	259,439	198,735
Toronto, N. J., wat., 1938, 4½%.....	50,000	53,000
Vancouver, B. C., loc. imp. d., 1923, 4½%.....	50,000	48,500
Verona, P. Q., d., 1954, 5%.....	30,000	30,000
Verona, B. C., d., 1923, 4%.....	26,000	24,180
Westmont, P. Q., 1955, 4½%.....	25,000	24,000
Winnipeg, Man., se. dist. d., 1941, 4%.....	50,000	44,500
Winnipeg, Man., wat. wks., 1941, 3½%.....	50,000	40,500
Windsor, Ont., d., 1917-20, 5%.....	18,000	18,000
A. T. & S. Pe R. R., gn. m. g., 1995, 4%.....	25,000	24,000
A. T. & S. Pe R. R., Cal.-Ariz. 1 r. m., 1962, 4½%.....	25,000	24,500
At. & N. O. R. R., 1 m., 1946, 5%.....	54,000	59,940
A. C. L. & N. C. col. tr., 1952, 4%.....	275,000	253,000
B. & O. R. R., 1 m. g., 1948, 4%.....	100,000	98,000
B. & O. R. R., 1 m. g., swm., 1925, 3½%.....	95,000	86,450
B. & O. R. R., P. L. E. & W. Va., r. m., 1941, 4%.....	50,000	43,500
B. & O. R. R. & S. Y. d., Ind., 1 r. m., 1939, 4%.....	100,000	95,000
B. & A. R. R., d., 1933, 4%.....	50,000	47,000
B. & M. R. R., d., 1929, 4½%.....	200,000	154,000
B. & N. St. Ry., 1 m. r., 1954, 4%.....	50,000	44,000
B. & N. St. Ry., 1 m. r., 1950, 5%.....	125,000	128,750
B. & P. Ry., ca. m., 1957, 4½%.....	50,000	52,000
B. C. R. & N. Ry., ca. m., 1934, 5%.....	120,000	122,400
Can. So. Ry., ca. m. gr., 1982, 5%.....	66,000	69,908
Can. No. Ry., Win. Term. g., 1939, 4%.....	150,000	139,500
Cent. of Ga. Ry., ca. m. g., 1945, 5%.....	150,000	157,500
Cent. Pac. Ry., 1 r. m. g., 1949, 4%.....	200,000	188,000
Cent. R. R. of N. J., gn. m. g., 1987, 5%.....	301,000	352,170
Cent. & O. Ry., gn. m. g., 1992, 4½%.....	150,000	141,000
Cent. & O. Ry., ca. m. g., 1992, 4½%.....	210,000	224,700
Chi. & Alt. R. R., r. m. g., 1949, 3%.....	150,000	90,000
Chi. & W. Ind. R. R., gn. m. g., 1952, 6%.....	240,000	254,400
Chi. & W. Ind. R. R., ca. m. g., 1952, 4%.....	100,000	84,000
Chi. & N. W. R. R., a. f., 1929, 5%.....	180,000	196,200
Chi. & N. W. R. R., a. f., 1929, 5%.....	134,000	140,700
Chi. & N. W. Ry., d., 1921, 5%.....	100,000	103,000
Chi. & N. W. Ry., d., 1921, 5%.....	200,000	170,000
Chi. & Quincy R. R., m., 1949, 3½%.....		
Chi. & Gt. West. R. R., 1 m., term. g., 1934, 5%.....	59,000	59,890
Chi. & Erie R. R., 1 m. g., 1982, 5%.....	125,000	135,000
Chi. & E. Ill. R. R., gn. ca. & 1 m., 1937, 5%.....	25,000	18,750
Chi. Ind. & L. Ry., r. m., 1947, 4%.....	75,000	63,750

BONDS AND STOCKS OWNED.—Cont.		
Bonds.—Cont.	Book Value.	Market Value.
Chi., Mil. & St. P. Ry., gn. m. g., 1899, 4%.....	\$25,000	\$24,000
Chi., Mil. & St. P. Ry., ov., 1932, 4½%.....	17,800	18,158
Chi., St. P., M. & O. Ry., ca. m., 1930, 6%.....	150,000	180,000
Chi., St. L. & N. O. R. R., ca. m., 1951, 5%.....	212,000	233,200
Chi., St. L. & P. R. R., 1 ca. m., 1932, 5%.....	26,000	27,820
Choc. & Mem. R. R., 1 m. g., 1949, 5%.....	50,000	49,500
Cin., Day. & Chi. R. R., 1 m., 1942, 4%.....	50,000	34,000
Cin., Ind., St. L. & Chi. R. R., ca. m., 1920, 6%.....	108,000	114,480
C. C. & St. L. R. R., 1 m. g., 1940, 4%.....	72,000	60,480
C. C. & St. L. R. R., 1 m. col. tr. g., 1990, 4%.....	200,000	166,000
C. L. & W. Ry., 1 m. ca., 1933, 5%.....	50,000	53,000
Day. & Mich. R. R., gr., 1931, 4½%.....	60,000	58,200
D. G. R. & W. R. R., 1 ca. m., 1946, 4%.....	41,000	24,190
Det. & Mack. Ry., 1 ln., 1995, 4%.....	50,000	43,000
Det. Term. & Tun., 1 m., 1961, 4½%.....	50,000	46,500
Easton & Amb. R. R., 1 m. gr., 1920, 5%.....	203,000	211,120
Elg. Jol. & East. R. R., 1 m., 1941, 5%.....	277,000	290,850
Erie R. R., pr. ln. g., 1996, 4%.....	150,000	126,000
Erie Ry., ca. m., 1920, 7%.....	137,000	153,440
Ga. Ry. & El., 1 ca. m., 1932, 5%.....	50,000	50,500
G. R. & Ind. R. R., 1 m. g. gr., 1941, 4½%.....	20,000	20,000
Hartford St. Ry., 1 m. g., 1930, 4%.....	100,000	96,000
Ill. Cent. R. R. (Lo. Div. & Term.), m., 1953, 3½%.....	50,000	41,000
Ill. Cent. R. R., 1 m., 1951, 3½%.....	65,000	53,300
Inter. & Gt. No. R. R. P. M., 1 m. g., 1919, 6%.....	248,000	248,000
Interb. R. T., 1 m., 1968, 5%.....	325,000	321,750
Is. Cent. Ry., 1 m. g., 1938, 5%.....	130,000	114,400
Is. Falls & St. Cy. R. R., 1 m., 1917, 7%.....	100,000	106,000
Jeff. R. R., 1 m. gr. g., 1919, 5%.....	175,000	178,500
Ky. Cent. Ry., 1 m., 1987, 4%.....	50,000	45,000
L. E. & W. R. R., 1 m. g., 1937, 5%.....	50,000	51,000
L. E. & W. R. R., 2 m. g., 1941, 5%.....	75,000	71,250
L. S. & M. So. Ry., g., 1931, 4%.....	91,000	85,540
L. S. & M. So. Ry., g., 1928, 4%.....	200,000	188,000
Leh. & N. Y. R. R., 1 W., 1945, 4%.....	50,000	44,000
Leh. Val. R. R., 1 m. term. g., 1941, 5%.....	315,000	349,650
Leh. Val. R. R., ca. 1923, 6%.....	75,000	84,000
Leh. Val. R. R., N. Y., 1 m. g., 1940, 4½%.....	200,000	202,000
L. I. R. R., uni. m. g., 1949, 4%.....	60,000	52,200
L. & J. Bg., g. m., 1945, 4%.....	100,000	83,000
L. & N. R. R., gn. m., 1930, 6%.....	68,000	65,540
L. & N. R. R., E. H. & N., 1 m., 1919, 6%.....	22,000	23,980
L. & N. R. R., uni. g., 1940, 4%.....	100,000	96,000
L. & N. R. R., A. K. & C. m., 1955, 4%.....	50,000	45,000
L. & N. R. R. P. & M., 1 m., 1946, 4%.....	100,000	91,000
L. H. & St. L. Ry., 1 m. g., 1946, 5%.....	235,500	242,565
M. G. B. & N. W. Ry., 1 m., 1941, 3½%.....	175,000	148,750
M. L. S. & W. R. R., ex. imp. m. a. f. g., 1929, 5%.....	50,000	53,500
Mill. Sp. & N. W. Ry., 1 m., 1947, 4%.....	75,000	69,000
M. St. P. & S. Ste. M. Cent. Term. Ry., 1 m. term., 1941, 4%.....	50,000	46,000
M. St. P. & S. Ste. M. Ry., ca. m., 1938, 4%.....	150,000	142,500
Minn. & Pac. R. R., 1 m., 1936, 4%.....	50,000	46,500
Minn. & St. L. R. R., 1 ca. m. g., 1934, 5%.....	112,000	96,680
Minn. Union R. R., gr. g., 1923, 6%.....	50,000	55,500
Minn. St. Ry. & St. P. Cy. Ry., ca. m., 1928, 5%.....	50,000	51,000
Mo. & E. R. R., 1 m., 1942, 5%.....	100,000	101,000
Mo. Pac. R. R., ca. 1 m. g., 1920, 6%.....	115,000	117,300
Mut. Term., Buffalo, 1 m. a. f. g., 1924, 4%.....	100,000	94,000
N. C. & St. L. R. R., ca. 1 m. g., 1928, 5%.....	200,000	216,000
New Eng. R. R., ca. m. g., 1945, 4%.....	100,000	94,000
New London & No. R. R., 1 m., 1940, 4%.....	50,000	41,500
N. Y. C. & H. R. R. R., L. S., col. tr., 1998, 3½%.....	225,000	175,500
N. Y. C. & H. R. R. R., col. tr. g., 1998, 3½%.....	100,000	77,000
N. Y. C. & H. R. R. R., d. g., 1934, 4%.....	50,000	45,000
N. Y. C. & E. R. R., 4 m. ext., 1920, 5%.....	67,000	68,340
N. Y. L. & W. Ry., 1 m., 1921, 6%.....	58,000	63,800
N. Y. L. & W. Ry., cons. m., 1923, 5%.....	53,000	55,650
N. Y. L. & W. Ry., term. & imp. m., 1923, 4%.....	43,000	41,280
N. Y. O. & W. Ry., gn. m. g., 1955, 4%.....	200,000	158,000
N. Y. N. H. & H. R. R., ex. d. 1948, 6%.....	17,000	18,020
N. Y. N. H. & H. R. R., 1931, 6%.....	261,000	313,200
N. Y. R. R., gn. m., 1945, 5%.....	29,000	28,420
N. O. Ry., 1 m., 1945, 5%.....	100,000	97,000
N. P. G. N. R. R., C. B. & Q., 1921, 4%.....	80,000	76,000
N. P. Ry., pr. ln. L. G. g., 1997, 4%.....	159,000	143,100
N. P. Ry., St. P. & D., P. M., 1996, 4%.....		

HARTFORD FIRE INSURANCE COMPANY, Hartford, Conn.—Continued.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
N. P. Term. Ore., 1 m. g., 1933, 6%.....	\$119,000	\$134,470
Old Colony St. Ry., 1 m. r., 1954, 4%.....	50,000	44,000
Ore. S. L. Ry., 1 m., 1923, 6%.....	100,000	110,000
Ore. S. L. Ry., cs. 1 W., 1946, 5%.....	100,000	162,000
Pen. & Atl. R. R., 1 m., 1921, 6%.....	42,000	46,200
P. & R. R. R., term. g., 1941, 5%.....	150,000	168,000
P., C., C. & St. L. Ry., cs. m., "A", 1940, 4%.....	50,000	51,500
P., C., C. & St. L. Ry., c. m., "D", 1945, 4%.....	18,000	17,100
P., C., C. & St. L. Ry. c. m., "G", 1957, 4%.....	50,000	47,000
Port Rdg. R. R., 1 m. g., 1941, 5%.....	60,000	66,000
Portland Ry., 1 & r. m. g., 1930, 5%.....	50,000	50,500
Rdg. Co., gn. m. s. f. g., 1907, 4%.....	30,000	28,500
St. P. & N. P. R. R., gn. m. g., 1923, 6%.....	150,000	168,000
St. P., M. & W. R. R., cs. m., 1933, 4%.....	100,000	99,000
St. P., M. & W. R. R., cs. m., 1933, 4%.....	65,000	67,600
St. P., M. & W. R. R., cs. m., 1933, 6%.....	54,000	66,420
St. P., M. & W. R. R., ext. 1 m., 1937, 4%.....	26,000	24,960
St. L., I. M. & S. R. R., gn. cs. l. g., 1931, 5%.....	100,000	102,000
St. L., I. M. & S. R. R., u. & r. g., 1929, 4%.....	100,000	75,000
St. L. & S. F. R. R., gn. m. g., 1931, 5%.....	50,000	51,000
St. L. So. R. R., 1 m. gr. g., 1931, 4%.....	75,000	69,750
San Fr. & S. J. V. Ry., 1 m., 1940, 5%.....	87,000	93,000
Sav. Fla. & W. R. R., 1 m. g., 1934, 6%.....	100,000	122,900
Sav. Fla. & W. R. R., 1 m., 1934, 5%.....	50,000	54,000
S. & N. Ala. R. R., cs. m. g., 1936, 5%.....	100,000	107,000
So. Pac. R. R., 1 r. m. g., 1955, 4%.....	200,000	184,000
So. Pac., Cent. Pac. st. col., 1949, 4%.....	100,000	94,000
So. Pac. R. R., Cal. 1 cs. m., 1937, 5%.....	105,000	111,300
So. Ry., St. L. Div., 1 m. g., 1951, 4%.....	150,000	130,500
So. Ry., 1 cs. m. g., 1994, 5%.....	60,000	52,500
So. Ry., Mem. Div., 1 m. g., 1996, 5%.....	107,000	112,350
Tm. R. R. Asso., St. L., gn. m. r. g., 1953, 4%.....	200,000	176,000
Tm. R. R. Asso., St. L., 1 m. g., 1939, 4%.....	182,000	162,000
Tm. R. R. Asso., St. L., 1 cs. m., 1944, 5%.....	50,000	53,500
Union Pac. R. R., 1 m. & l. g., 1947, 4%.....	75,000	72,750
Utah & No. Ry., 1 m. ext., 1933, 4%.....	100,000	93,000
Vandalia R. R., cs. m., 1955, 4%.....	152,000	141,360
Ver. Val. R. R., 1 m., 1940, 4%.....	50,000	47,500
Wab. R. R., 1 m. g., 1939, 5%.....	75,000	77,250
Wab. R. R., 1 m. g., 1941, 4%.....	75,000	54,750
West. Md. R. R., 1 m. g., 1952, 4%.....	50,000	31,000
W. S. R. R., gr., 2361, 4%.....	150,000	139,500
W. & L. E. R. R., 1 m. cs. g., 1949, 4%.....	100,000	74,000
W. & L. E. R. R., 1 m. g., 1926, 5%.....	75,000	75,755
Willmar & St. Fa. Ry., 1 m., 1938, 5%.....	65,000	71,500
Wis. Cent. Ry., 1 gn. m. g., 1949, 4%.....	100,000	88,000
Wis. Cent. Ry., S. & D. Div. & Tm., 1 m., 1936, 4%.....	50,000	44,500
Can. Pn. M. Corp., d., 1923, 4%.....	25,000	25,000
Chi. Tl., 1 m. g., 1923, 5%.....	50,000	50,500
Cleve. El. Ill., 1 m., 1939, 5%.....	48,000	48,960
Det. Ed., 1 m. g., 1933, 5%.....	50,000	51,500
Laclede Gas Lt. St. L., 1 m., 1919, 5%.....	57,000	58,140
Laclede Gas Lt. r. & ext. m., 1934, 5%.....	31,000	31,310
Mich. State Tl., 1 m. g., 1924, 5%.....	50,000	49,500
New England Tl. & Tg., 1932, 5%.....	50,000	50,500
N. Y. Tl., 1 & gn. m. g. s. f., 1939, 4%.....	50,000	49,000
N. Y. Dock., 1 m., 1951, 4%.....	82,500	65,175
Nor. Tex. Tl., 1 m., 1933, 5%.....	26,000	26,000
No. Inv. & Rfty., col. g., 1940, 4%.....	400,000	340,000
Union El. Lt. & Pow., 1 m. g., 1932, 5%.....	26,000	26,260

STOCKS.

Chicago, Mil. & St. P. R. R.	47,700	47,223
Chicago, Mil. & St. P. R. R., p.	37,000	49,580
Chicago & Nwn. R. R.	188,400	250,572
Chicago & Nwn R. R., p.	20,000	35,400
Connecticut River R. R.	2,000	3,600
Joliet & Chicago R. R., gr.	50,000	67,500
N. Y. C. & H. R. R. R.	93,500	84,150
N. Y., N. H. & H. R. R.	400,000	220,000
N. Y., L. & W. R. R.	50,000	58,000
Southern Pacific, cld of int.	1,000	1,000
Union Pacific R. R., p.	3,000	2,480
Atna Nat. Bk., Hartford	31,500	100,800
Amer. Exchange Nat. Bk., N. Y.	20,000	41,600
Bank of America, N. Y.	15,000	84,000
Bank of Montreal, Montreal	38,800	93,120
Boylston Nat. Bk., Boston	12,500	15,625
Charter Oak Nat. Bk., Hartford	10,000	17,000
City Bk., Hartford	16,800	18,426
Conn. Tr. & Safe Deposit, Hartford	78,500	254,340
First Natl Nk., Hartford	17,200	30,272
Hartford Nat. Bk., Hartford	55,600	103,416
Importers & Traders Nat. Bk., N. Y.	30,000	155,700

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
STOCKS.—Cont.		
Manhattan Co. Bk., N. Y.	\$10,000	\$32,100
Merchants Nat. Bk., N. Y.	16,700	29,392
Nat. Bk. of Commerce, N. Y.	12,500	21,000
Nat. Bk. of North America, N. Y.	20,000	2,000
Nat. Exchange Bk., Hartford	2,000	3,240
N. Y. Dock Co., p.	82,500	14,850
Northwestern Tl.	25,000	27,750
Hartford Accident & Indemnity	745,500	1,341,900

Totals (book values, \$22,337,672)..... \$20,705,207 \$21,239,673

* Securities as per company's valuations, the item in assets is based on insurance department valuations.

MISCELLANEOUS: Capital increases (\$950,000 by stock dividends): From \$150,000 to \$300,000 in 1853; to \$500,000 in 1857; to \$1,000,000 in 1864; to \$1,250,000 in 1876; in 1906 to \$2,000,000 by the issuance of 7,500 shares of stock of a par value of \$100 at \$500 per share, thus adding \$3,000,000 to surplus. Conflagration losses: Chicago, 1871, \$1,968,225; Boston, 1872, \$485,356; Baltimore, 1904, \$1,213,344; San Francisco, 1906, \$6,766,937. Values of special deposits: Can., \$941,671; Ga., \$9,900; Va., \$51,450; N. M., \$11,100; Cuba, \$101,000. In 1909, 1910 and 1911 the assets and surplus do not include \$340,000 of Northern Investment and realty bonds disallowed by the New York Insurance Department. The Hartford Fire owns a controlling interest in the Hartford Accident & Indemnity Co.

DIRECTORS: James J. Goodwin, Theo. Lyman, George Roberts, Wm. C. Skinner, Meigs W. Whipples, C. L. F. Robinson, Chas E Chase, R. M. Bissell, H. S. Robinson.

FIELD MEN AND TERRITORY COVERED: Department general agents: Dugan & Carr, general agents, 39 So. La Salle st., Chicago, Ill.; W. C. Boorn, assistant general agent, 39 So. La Salle st., Chicago, Ill.; J. J. Purcell, assistant general agent, 39 So. La Salle st., Chicago, Ill.; Henry W. Morrison, assistant general agent, 39 So. La Salle st., Chicago, Ill.; Eggleston & Prescott, general agents, Atlanta, Ga.; Dixwell Hewitt, general agent, 430 California st., San Francisco, Cal.; Adam Gilliland, assistant general agent, 430 California st., San Francisco, Cal.; J. B. Hereford, general agent, Dallas, Tex. Marine and transportation department; C. S. Timberlake, general agent, Hartford, Conn.; J. D. Vail, assistant general agent, Hartford, Conn. Local agency managers: Howard Hampton, manager New York City department, 58 Maiden la.; Bruerton & Kimball, managers, 54 Kilby st., Boston, Mass.; Walter R. J. Smith, assistant manager, 54 Kilby st., Boston, Mass.; Henry W. Brown & Co., managers, 435 Walnut st., Philadelphia, Pa.; Walter J. Chase, manager suburban department, 435 Walnut st., Philadelphia, Pa. Eastern department: Adams & Boyle, general agents, Little Rock, Ark., for Ark.; W. W. Scrimmes, general agent Northwestern department, 456 Main st., Winnipeg, Man.; W. J. Scrimmes, assistant general agent, 456 Main st., Winnipeg, Man., for Man., Sask., Alberta and western Ont.; Peter A. McCallum, general agent, 29 Wellington st. E., Toronto, Ont., for Provinces of Ont., Que., N. B., N. S.; A. R. Knight, inspector, 29 Wellington st. E., Toronto, Ont.; J. H. Campbell, special agent, Box 223, Manchester, N. H., for Me., N. H. and Vt.; W. P. Carr, general agent, 54 Kilby st., Boston, Mass., for eastern Mass. and R. I.; Arthur E. Goodwin, special agent, 54 Kilby st., Boston, Mass.; for Boston suburban department; S. C. Avery, special agent, Hartford, Conn.; for Conn. and western Mass.; F. D. Murdoch, inspector, special risk department, Hartford, Conn.; C. H. Smith, inspector, special risk department, Hartford, Conn.; Lasher & Taylor, general agents, 58 Maiden la., New York, N. Y., for Metropolitan department; Pomeroy Lee, special agent, brokerage department, 54 Maiden la., New York, N. Y.; John H. Ray, special agent, 138 Montague st., Brooklyn, N. Y.; Charles S. Cox, special agent, 58 Maiden la., New York, N. Y.; W. W. Lenox, special agent, 86 State st., Room 33, Albany, N. Y.; P. O. Box 46, for eastern N. Y.; H. H. Smith, special agent, Box 183, Syracuse, N. Y., for central N. Y.; F. J. Sullivan, special agent, Niagara Falls, N. Y., for western N. Y.; Theodore D. Cross, special agent, survey department, Hudson Falls, N. Y.; George Brinley, special agent, 23 Susquehanna Trust Bldg., Williamsport, Pa.; P. O. Box 19, for north central Pa.; John M. Holmes, special agent, 416 Walnut st., Philadelphia, Pa.; for eastern Pa., southern N. J.; C. S. Kremer, special agent, 803 Arrott Bldg., Pittsburgh, Pa.; for western Pa.; L. R. Titworth, special agent, surveying department, Montrose, Pa.; W. L. Beecher, special agent, 507 American Bldg., Baltimore, Md., Tel. St. Paul 1641, for southern Pa., western Md. and D. C.; William D. Denney, special agent, Dover, Del., for Del. and eastern Md.; Southern department: E. H. Jones, special agent, Box 137, Richmond, Va., telegrams care of Jefferson & Harvie, for Va.; M. G. Hunter, special agent, 802 So. Tryon st., Charlotte, N. C., for N. C.; R. L. Bailey, special agent, 1210 Washington st., Columbia, S. C., for S. C.; R. P. Luther, special agent, 801 Trust Company of Georgia Bldg., Atlanta, Ga., for western Ga.; W. W. Roberts, special agent,

HARTFORD FIRE INSURANCE COMPANY, Hartford, Conn.—Continued.

301 Trust Company of Georgia Bldg., Atlanta, Ga., for eastern Ga.; Arthur Lane, special agent, care of J. H. Norton & Co., Jacksonville, Fla., for Fla.; John S. Goldsmith, special agent, 1913 16th ave. S., Birmingham, Ala., for Ala.; P. L. Davis, special agent, P. O. Box 202, Vicksburg, Miss., for Miss.; C. D. Grover, special agent, P. O. Box 202, Vicksburg, Miss., for Miss.; W. Y. Harper, special agent, Hennen Bldg., New Orleans, La., Box 414, for La.; C. E. Hartwell, special agent, Hennen Bldg., New Orleans, La., Box 414, for La. Texas department: Hughbert C. Craig, special agent, 407 Insurance Bldg., Dallas, Tex., for central Tex.; Felix S. Herford, special agent, 407 Insurance Bldg., Dallas, Tex., for northeastern Tex.; Hugh W. Hunter, special agent, Box 359, San Antonio, Tex., for southern Tex.; M. G. Jarreau, special agent, 407 Insurance Bldg., Dallas, Tex., for northwestern Tex. Western department: W. L. Bennett, special agent, 39 So. La Salle st., Chicago, Ill., for Cook Co.; F. R. Bissell, special agent, 39 So. La Salle st., Chicago, Ill., for Cook Co.; C. R. Boynton, special agent, 804-807 Lincoln Bank Bldg., Louisville, Ky., for Ky.; W. L. Braerton, special agent, Denver, Colo., Box 1555, for Colo., Wyo. and N. M.; H. M. Brooks, manager Cuyahoga Co. department, The Plain Dealer Bldg., Cleveland, O., for Ashland, Seneca, Cuyahoga, Huron, Erie, Wood, Williams, Geauga, Sandusky, Defiance, Fulton, Ottawa, Lorain, Lake, Lucas and Henry Counties; M. E. Brown, special agent, Sioux Falls, S. D., for S. D. and southern Minn.; Stanley R. Bruce, special agent, 1116 and 1117 State National Bank Bldg., Oklahoma, Okla., for Okla.; Albert A. Comrie, special agent, Fargo, N. D., for N. D.; W. H. Comrie, Jr., special agent, farm department, Fargo, N. D., for N. D.; R. H. Cooper, special agent, Schnelbach Bldg., Wheeling, W. Va., for W. Va.; P. O. Crooker, manager St. Louis department, Pierce Bldg., St. Louis, Mo., for St. Louis, Mo., East St. Louis, Granite City, Madison and Venice, Ill.; C. E. Daniels, adjuster for the northwest, New York Life Bldg., Minneapolis, Minn., for N. D., S. D. and Minn.; M. S. Davidson, inspector, 39 So. La Salle st., Chicago, Ill., for western department; J. F. Deiber, special agent, R. A. Long Bldg., Kansas City, Mo., for Mo.; Walter B. Dudley, special agent, Arlington Bldg., Omaha, Neb., Box 713, for Neb.; A. E. Ellsworth, special agent, Pontiac, Mich., for Ind.; J. T. Fisher, special agent, farm department, Marshall, Mo., for Mo.; James A. Flaws, special agent, 39 So. La Salle st., Chicago, Ill., for survey department, northern Ill.; Geo. C. Frickel, special agent, 1116 and 1117 State National Bank Bldg., Oklahoma, Okla., for Okla.; Charles F. Harty, special agent, Topeka, Kan., for Kan.; G. A. Hastreiter, special agent and adjuster, 911 Olivia ave., Ann Arbor, Mich., for southern Mich.; W. J. Hatcher, special agent, Mitchell Bldg., Milwaukee, Wis., for Wis.; L. E. Hildreth, adjuster, 39 So. La Salle st., Chicago, Ill., for Ill. and Ind.; B. T. Hough, special agent and adjuster, Des Moines, Ia., for Ia.; Frank H. Jones, special agent, 39 So. La Salle st., Chicago, Ill., for northern Ill.; E. T. Lawrence, special agent, farm department, 804 Lincoln Bank Bldg., Louisville, Ky., for Ky.; James T. Leavitt, inspector, 39 So. La Salle st., Chicago, Ill., for western department; J. H. Looney, special agent, Sedalia, Mo., for surveying department, Mo.; M. D. Looney, general adjuster, 1021 Pierce Bldg., St. Louis, Mo., for Mo., southern Ill. and western Ky.; W. A. McGrew, special agent and adjuster, Denver, Colo., Box 1555, for Colo., N. M. and Wyo.; James S. McHugh, special agent, Des Moines, Ia., for survey department, Ia.; H. L. Meek, special agent, 1734 So. High st., Columbus, O., for central and southern O.; J. E.

Morris, special agent, farm department, Sioux Falls, S. D.; Carl V. Nipp, special agent, Rushville, Ind., for farm and surveying department, Ind.; R. H. Norris, manager Milwaukee Branch, Mitchell Bldg., Milwaukee, Wis., for City of Milwaukee; George P. Pierce, special agent, New York Life Bldg., Minneapolis, Minn., for central and northern Minn.; A. B. Potts, special agent, farm department, 205 Third ave. N., Nashville, Tenn., for Tenn.; G. F. Risley, special agent, Mitchell Bldg., Milwaukee, Wis., for Wis.; A. W. Schell, manager Hamilton County department, 1414-1416 First National Bank Bldg., S. E. cor 4th & Walnut sts., Cincinnati, O., for Hamilton County, O.; J. P. Sheridan, special agent and adjuster, 931 Genesee ave., East Saginaw, Mich., for northern Mich. and upper peninsula; O. P. Smith, special agent, 205 Third ave. N., Nashville, Tenn., for Tenn.; C. E. Tebbetts, general adjuster for Mo. and Kan., 210 W. Electric st., Independence, Mo.; J. E. Tenner, special agent, Pierce Bldg., St. Louis, Mo., for St. Louis, Mo., East St. Louis, Granite City Madison and Venice, Ill.; Wm. F. Watson, special agent, 14 Merchants Bank Bldg., Indianapolis, Ind., for Ind.; Lucien A. Wilbur, special agent, The Plain Dealer Bldg., Cleveland, O., for northern O.; C. J. Woolridge, superintendent farm department, Sioux City, Ia., for Ia., Neb. and S. D.; Henry A. Yates, special agent, 404 Reich Bldg., Springfield, Ill., for southern Ill.; Hail Department: Nicholas Hayes, superintendent, 613 New York Life Bldg., Minneapolis, Minn., for Minn., N. D., S. D. and Mont. Marine and transportation department: Walter L. Grupe, special agent, 39 So. La Salle st., Chicago, Ill. Pacific department: James J. Dennis, special agent, Sherlock Bldg., Portland, Ore., for western Wash., central Ore., western B. C.; W. S. Dennis, special agent, Fresno, Cal., for San Joaquin Valley, San Francisco Bay Counties, Cal.; George E. Devine, superintendent of agencies, 430 California st., San Francisco, Cal., for office; R. E. Dollard, special agent, 430 California st., San Francisco, Cal., for northeastern Cal., Nev., southwestern Ore.; L. H. Earle, special agent, 430 California st., San Francisco, Cal., for office; P. H. Griffith, special agent, 327 Security Bldg., Los Angeles, Cal., for southern Cal., Ariz. and Nev.; Charles E. Miller, special agent, P. O. Box 1508, Salt Lake City, Utah, for Mont., Utah, southern Ida., southern Ore.; E. E. Price, special agent, 327 Security Bldg., Los Angeles, Cal., for southern Cal., Ariz. and Nev.; M. E. Spaulding, special agent, 430 California st., San Francisco, Cal., for central Cal., northern Cal. coast; Neil Stewart, special agent, 1123 Paulsen Bldg., Spokane, Wash., for eastern Wash., northern Ida., eastern Ore. and eastern B. C. The following are additional special agents representing the Citizens Insurance Company: George E. Hill, special agent, 54 Kilby st., Boston, Mass., for Me., N. H., Mass., R. I. and Conn.; Charles W. Phelps, special agent, Room 631, Onondaga County Savings Bank Bldg., Syracuse, N. Y., for N. Y. State; G. A. Russell, special agent, 4319 Larchwood ave., Philadelphia, Pa., for eastern Pa., southern N. J., Md., Del. and D. C.; Joseph P. Fisher, special agent, 608 Commonwealth Bldg., Pittsburgh, Pa., for western Pa.; John Shepherd, manager, 39 So. La Salle st., Chicago, Ill.; F. M. Greene, special agent, Minneapolis, Minn., for Minn., Wis. and Ia.; W. B. Tobias, special agent, Peoria, Ill., for Ill. (outside of Cook County), and Ind.; H. M. Wardle, special agent, 113 King ave., Detroit, Mich., for Mich. and Ohio. The company operates in all the States and Territories of the United States (except Porto Rico) and in the Dominion of Canada.

HENRY CLAY FIRE INSURANCE COMPANY, Lexington, Ky.

President, H. M. Froman; Secretary, F. G. Stils; Manager, Claude F. Snyder. Organised, 1910. Capital, \$270,000.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$594,462	\$187,824	\$77,525	\$257,537	\$456,497	\$131,214	\$45,000	\$125,248	\$301,462	\$124,007
1913	569,338	91,407	108,238	\$146,597	162,500	115,330	20,000	58,832	194,262	99,831
1912	253,884	66,456	50,146	151,281	1199,618	80,796	13,025	73,698	167,419	86,311
1911	174,985	34,896	53,476	73,215	135,293	29,754	5,854	51,580	87,194	32,702
1910	100,420	9,596	6,596	16,465	\$90,999	5,049	.....	\$41,221	46,270	4,031

*Includes \$72,547 surplus paid in 1910, \$56,250 in 1911. †Includes \$40,927 paid in for surplus on stock in 1912, and \$165,692 in 1914. ‡Includes organization expenses. §Includes tobacco hail premiums on which there are no reserve requirements. Reserve on fire and tornado business figured on the basis of N. Y. requirements.

HENRY CLAY FIRE INSURANCE COMPANY, Lexington, Ky.—Continued

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$183,933	Losses unpaid.....	\$24,230
Mortgage loans.....	54,978	Unearned prems.....	187,824
Bonds and stocks.....	180,121	Other liabilities.....	6,883
Collateral loans.....	32,201		
Cash.....	74,300	Total liabilities.....	\$218,937
Agents' balances.....	31,838	Capital paid up.....	300,000
Interest and rents.....	9,393	Net surplus.....	77,525
St. & Co. warrants.....	29,696		
Total assets.....	\$596,462	Total.....	\$596,462

Underwriting loss, \$88,765; investment profit, \$19,551.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$18,284,261; premiums thereon, \$304,255.

BUSINESS SINCE ORGANIZATION: Premiums received, \$642,923; losses paid, \$360,252; dividends declared, cash, \$83,879.

REAL ESTATE OWNED: The company owns an office building in Frankfort, Ky., valued at \$166,000, and two lots on Walnut st., Lexington, Ky., carried at cost, \$5,433.

MORTGAGE LOANS: These aggregate \$54,978 and are upon 23 pieces of Kentucky real estate, city and farm lands, valued at \$162,400. The company holds \$40,550 of insurance on the mortgaged property. \$68 over-due interest December 31, last.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
SECURITIES.			
Mercer Nat. Bk. Stk.....		\$1,000	\$1,000
County Warrant.....		364	364
First Nat. Bk., Wilmore, Ky.....		2,500	2,000
P. & Third Nat. Bk., Wat. Co. bs.....		5,375	5,260
Ph. & Third Nat. Bk. & Tr.....		5,850	5,260
Ph. & Third Nat. Bk. & Tr.....		5,850	5,266
Warehouse Receipt for 425 bbls. whaky..		6,375	5,000
First Cy. Nat. Bk.....		2,000	
Seelbach Operating.....		1,000	
S. Burley Tobacco.....		92	
Cent. Life Ins.....		50	
Berryman Realty, p.....		500	
Baptist Book Concern.....		200	5,000
Life Ins. Policy.....		300	3,050
Totals.....		\$31,457	\$32,201

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Stevia C. Cardwell, r. e.....		\$2,000	\$2,000
A. L. Stratton, r. e.....		3,000	3,000
Good Samaritan Hosp., r. e.....		4,000	4,000
Frankfort, Ky., m. c.....		23,306	23,306
Irvine, Ky.....		2,825	2,825

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Mary Cavanaugh, r. e.....		\$400	\$400
Pittsburg, Ky., grd. ac.....		500	500
Barbourville, Ky., wat. wks.....		1,000	1,000
Warren V. Galbreath, r. e.....		6,000	6,000
Ben C. Allen, r. e.....		8,000	8,000
Mercer Co., Ky.....		500	500
Mexican External.....		485	500
J. C. Stils, r. e.....		4,000	4,000
Harrodsburg, Ky., el. lt.....		3,000	3,000
Lexington, Ky., st. imp.....		14,543	14,543
A. L. Stratton, r. e.....		5,000	5,000
Union Storage & Re-drying.....		5,000	5,000
Land Tobacco Re-drying.....		21,000	21,000
Worthville, grd. com. sc.....		3,800	3,800
C. H. Berryman, r. e.....		25,000	25,000

STOCKS.		Par Value.	Market Value.
German Nat. Bk., Covington, Ky.....		700	1,018
W. R. Smith, bus. college.....		100	100
City Bk., Brodhead, Ky.....		700	756
City Bk., Somerset, Ky.....		600	620
Ca. Gas.....		300	400
Everole Lumber, Frankfort, Ky.....		1,000	1,000
Garrard Bk. & Tr., Lancaster.....		3,500	3,684
Title Guar. & Tr., Lexington, Ky.....		1,000	1,000
Cent. Savs. Bk. & Tr., Newport.....		2,000	2,575
Whitley Nat. Bk., Corbin, Ky.....		500	530
Peoples Bk., Mt. Vernon, Ky.....		500	550
Glendale Bkg. Glendale.....		600	645
Amer. Nat. Bk., Louis.....		100	125
Commercial Bk. & Tr., Louis.....		600	679
Cynthiana El. Lt.....		500	300
Phoenix & Third Nat. Bk., Lexington.....		16,800	28,560
Phoenix & Third Tr., Lexington.....		4,200	4,200

Totals (book value, \$180,121)..... \$180,121 \$180,121

MISCELLANEOUS: This company commenced business August 1, 1910, with a paid-up capital of \$55,000, and a net cash surplus of \$72,547. In 1911, \$56,250 additional surplus was paid in. Early in 1915 this company merged with the Great Southern Fire, Lyndon, Ky.

DIRECTORS: Frank P. James, J. L. Watkins, Matt Walton, F. G. Stils, Chas. E. Hoge, W. B. Brock, Garrett D. Wilson, H. G. Garrett, W. H. Castner, Louis Marshall, W. A. McDowell, C. F. Snyder, H. M. Froman, E. W. Young, V. P. Smith, E. C. O'Rear, L. L. Dorsey, A. O'Fall, J. R. Dorman, T. B. McGayor, C. P. Scott, C. H. Morris, J. G. Foley, E. E. Fullerton, W. A. Haines.

TERRITORY COVERED: Ky. only.

HERNANDO INSURANCE COMPANY, Memphis, Tenn.‡

President, J. R. Pepper; Secretary, J. S. Dunscomb. Organized, 1860.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$139,776	\$16,883	\$6,297	\$21,752	\$33,086	\$13,720	\$3,000	\$16,207	\$32,927	\$12,346
1913	127,539	10,521	10,291	9,195	17,434	4,818	3,000	12,927	20,745	5,652
1912	131,808	11,457	17,408	12,264	20,630	2,044	3,000	14,417	19,451	3,044
1911	129,973	11,415	15,233	10,893	20,185	10,208	3,000	11,953	25,161	6,110
1910	136,483	13,526	14,175	15,141	24,077	6,430	7,000	12,628	26,058	11,173

a Includes \$584 marine premiums and \$1,804 marine losses.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$3,400	Losses unpaid.....	\$506
Bonds and stocks.....	94,031	Unearned prems.....	16,883
Collateral loans.....	5,500	Other liabilities.....	16,140
Cash.....	1,204		
Agents' balances.....	32,278	Total liabilities.....	\$33,479
Interest and rents.....	1,800	Capital paid up.....	100,000
Other assets.....	1,563	Net surplus.....	6,297
Total assets.....	\$139,776	Total.....	\$139,776

Underwriting loss, \$16,186; investment profit, \$12,192.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,357,475; premiums thereon, \$33,269.

MORTGAGE LOANS: There is one loan aggregating \$3,400 protected by improved real estate valued at about \$6,500.

COLLATERAL LOANS: There is one loan of \$500 on warehouse receipts for whiskey in bonded warehouses valued at \$600; and one for \$5,000 on forty head of mules and cotton sold and held for distribution valued at \$23,000.

‡ Transacts both fire and marine business.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Reading Co.....		\$5,000	\$4,625
Atchison, Topeka & Santa Fe.....		10,000	9,350
Memphis Light & Power Co.....		5,000	4,950
Memphis City, g.....		10,000	9,900
Taring District.....		5,000	5,050
Northern Pacific.....		15,000	13,875
City of Memphis, "Water".....		20,000	18,000
Yasoo & Mississippi Delta.....		5,000	4,500
West Shore.....		10,000	9,150
Cotton Exchange.....			3,000
STOCKS.			
Illinois Central R. R.....		10,000	10,800
Totals (book value, \$99,621).....		\$95,000	\$94,031

MISCELLANEOUS: Capital reduced in 1897 from \$150,000 to \$100,000. Early in 1914 this company absorbed the Bluff City Fire of Memphis, Tenn.

DIRECTORS: J. R. Pepper, O. B. Polk, Frederick Orgill, Edward Fontaine, W. B. Mallory, J. F. Holst, F. M. Norfleet, Ray Dunscomb, J. S. Dunscomb, W. H. Moore.

TERRITORY COVERED: Tenn. only.

HIBERNIA FIRE INSURANCE COMPANY, Chicago, Ill.

President, M. J. Naghten; Secretary and Treasurer, George Essig.

This company is being organized by the firm of John Naghten & Co. of Chicago, and it is proposed to commence business sometime in 1915 with \$500,000 capital and a similar initial surplus.

According to recent advices the organization work is progressing quite satisfactorily. R. E. Petrie, Insurance Exchange, Chicago, is in charge of the organization work.

HOME FIRE INSURANCE COMPANY, Fordyce, Ark.

President, A. B. Banks; Vice-President, J. H. Meek; Secretary, John R. Hampton. Organized, 1905.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$402,284	\$114,172	\$137,134	\$167,477	\$212,049	\$73,784	\$20,580	\$42,169	\$136,533	\$64,075
1913	353,315	103,065	115,999	160,937	190,237	108,640	\$36,765	44,192	189,599	117,790
1912	351,860	84,251	122,899	127,429	188,625	55,149	\$100,877	29,811	185,837	54,205
1911	545,165	86,036	173,253	115,590	138,489	78,134	\$32,945	40,006	151,085	76,187
1910	524,613	91,740	160,494	120,417	165,864	62,907	\$31,774	35,975	130,656	61,295

* Includes \$6,774 dividend to policyholders in 1910, \$7,945 in 1911, \$10,001 in 1912, \$26,766 in 1913 and \$10,580 in 1914.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$38,660	Losses unpaid.....	\$1,590
Bonds and stocks.....	253,096	Unearned premis.....	114,172
Collateral loans.....	5,934	Dividends unpaid.....	48,421
Cash.....	26,251	Other liabilities.....	967
Agents' balances.....	33,326	Total liabilities.....	\$185,150
Interest.....	4,190	Capital paid up.....	100,000
Other assets.....	327	Net surplus.....	137,134
Total assets.....	\$402,284	Total.....	\$402,284

Underwriting profit, \$51,845; investment profit, \$17,966.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,373,264; premiums thereon, \$220,205.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,330,241; losses paid, \$895,574; dividends declared, cash, \$240,444; stock, \$100,000.

MORTGAGE LOANS: There are 10 loans, aggregating \$38,660 on property in Arkansas. There was \$48 of interest past due on December 31, last. The property is valued at \$84,000. There are 7 notes of \$5,000 each on timbered lands in Mississippi valued at \$70,800.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Grant Co. Bk. Stk. Sheridan, Ark.....		\$8,875	5,933
Real estate note.....		1,000	
Totals.....		\$9,875	\$5,933

STOCKS OWNED:		Par Value.	Market Value.
Bk. of Beurre, Beurre, Ark.....		\$4,200	\$4,200
Bk. of Bradley, Bradley, Ark.....		675	709
Bk. of Carthage, Carthage, Ark.....		4,650	5,813
Bk. of England, England, Ark.....		1,500	1,500
Bk. of Fordyce, Fordyce, Ark.....		14,500	19,575
Bk. of Fulton, Fulton, Ark.....		1,000	1,333
Bk. of Leola, Leola, Ark.....		350	
Bk. of McNeil, McNeil, Ark.....		1,250	1,875
Bk. of New Edinburg, Ark.....		350	473
Bk. of Rison, Rison, Ark.....		1,500	1,875
Bk. of Tiller, Tiller, Ark.....		750	1,125

STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bk. of Waldo, Waldo, Ark.....		\$1,000	\$1,750
Bradley Co. Bk., Hermitage, Ark.....		6,000	7,500
Cleveland Co. Bk., Kingsland, Ark.....		8,200	7,800
First National Bk., Benton, Ark.....		4,001	5,200
La Fayette Co. Bk., Buckner, Ark.....		250	313
Paragould Trust, Paragould, Ark.....		2,000	3,000
Pike Co. Bk., Murfreesboro, Ark.....		250	250
Victoria Bank, Strong, Ark.....		2,425	4,281
Bk. of Fullerton, Fullerton, Ark.....		5,000	5,000
First State Bk., Leesville, La.....		3,300	8,630
Sabine State Bk., Many, La.....		400	800
Ark. Vanc. Tim. & Lbr., Fordyce.....		68,500	68,500
Collins Lumber, Fordyce, Ark.....		19,500	390
Collins-Hampton Gro., Fordyce, Ark.....		3,125	4,063
Edgar Lumber, Wesson, Ark.....		40,000	60,000
El Dorado & Wesson Lbr., Wesson, Ark.....		4,000	4,000
Hall-Legan Lbr., Morton, Miss.....		12,000	30,000
Leesville, Iron Wks., Leesville, La.....		200	200
German-American Bk., Altus, Ark.....		2,900	3,190
Farmers Saving Bk. & Tr.-Co., Hamburg		4,350	5,002
Lee County Bk., Marianna, Ark.....		2,000	2,000
Union Bk. & Tr., Junction Cy., Ark.....		5,000	5,000
Exchange Bk., Stuttgart, Ark.....		17,000	19,550
Port Neville Timber.....		3,200	3,200
Totals.....		\$243,325	\$283,096

MISCELLANEOUS: In 1907 the paid-up capital was increased from \$50,000 to \$100,000 and \$75,000 additional surplus was paid in and in January, 1908, capital was increased to \$200,000 by a stock dividend of \$100,000. In January, 1908, the Mercantile Fire of Little Rock was merged with the Standard Fire of Fordyce, and on December 31, 1908, the Standard Fire was merged with the Home Fire, increasing the paid-up capital of the latter to \$250,000, and the net cash surplus standing at \$75,000.

DIRECTORS: A. B. Banks, J. R. Hampton, C. S. McCaia, J. G. Pattillo, J. H. Meek, C. D. Kenesaw.

FIELD MEN AND TERRITORY COVERED: A. B. Banks & Co., Fordyce, Ark., general agents; J. C. Hosea, W. W. O'Neal and E. F. Holmes, special agents for Ark. and Miss. The company operates in Ark. and Miss.

THE HOME INSURANCE COMPANY, New York, N. Y. §

President, Elbridge G. Snow; Vice-Presidents, F. C. Burwell, C. A. Ludlum; Vice-President and Secretary, C. L. Tyner; Secretary, A. M. Burtis; Assistant Secretaries, H. J. Ferris, H. P. Moore, V. P. Wyatt. Organized, 1853.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$35,999,916	\$14,268,024	\$11,389,851	\$15,259,557	\$16,780,246	\$8,481,847	\$1,200,000	\$5,570,407	\$15,252,254	\$8,650,174
1913	35,717,074	12,447,976	110,650,178	14,603,435	16,016,791	7,749,667	1,200,000	5,335,933	14,285,600	7,669,929
1912	35,777,957	12,341,420	114,722,378	13,024,171	14,343,583	7,035,185	1,050,000	4,629,436	12,714,621	7,000,408
1911	35,596,746	11,798,635	114,205,622	12,712,223	13,911,022	6,578,688	1,050,000	4,370,690	11,999,376	6,404,668
1910	30,440,814	11,645,873	112,591,514	13,199,397	14,343,572	5,764,310	900,000	4,345,934	11,010,244	6,131,474

* Includes \$788,460 marine premiums and \$358,686 marine losses. † Excludes \$3,000,000 stock dividend. ‡ Excluding \$1,200,000 reserve as conflagration surplus in 1909, \$1,500,000 in 1910, and \$1,800,000 in 1911, 1912 and 1913.

§ Transacts both fire and marine business.

THE HOME INSURANCE COMPANY, New York, N. Y.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$5,500	Losses unpaid.....	\$1,554,385
Bonds and stocks.....	30,724,785	Unearned premiums.....	14,268,024
Cash.....	2,161,180	Conflagration surplus.....	2,000,000
Agents' balances.....	2,857,846	Other liabilities.....	787,656
Interest.....	250,635		
		Total liabilities.....	\$18,610,065
		Capital paid up.....	6,000,000
		Net surplus.....	11,389,851

Total assets..... \$35,999,916 Total..... \$35,999,916

Underwriting profit, \$370,864; investment profit, \$1,817,621.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,735,510,790; premiums thereon, \$26,653,380; marine and inland risks in force, \$48,030,195; premiums thereon, \$766,950.

BUSINESS SINCE ORGANIZATION: Premiums received, \$232,949,718; losses paid, \$155,697,178; dividends declared, cash, \$21,415,000; stock, \$4,000,000.

MORTGAGE LOANS: There are 3 loans, the largest of which is for \$3,000, all upon Greater New York property. No interest is past due, and the mortgaged properties are valued in the aggregate at \$13,500.

BONDS AND STOCKS OWNED:		Par	Market
Bonds.		Value.	Value.
Dia. of Col., r., 1924, 3.65%.....		\$50,000	\$50,000
U. S., r., 1925, 4%.....		100,000	108,000
N. Y., r., 1957, 4%.....		200,000	200,000
N. Y., r., 1957, 4%.....		300,000	300,000
N. Y. rev., Sept., 1918, 6%.....		78,000	78,000
Richmond, Va., r., 1922, 5%.....		50,000	50,000
Hamilton, 1919-21, 4%.....		50,000	48,500
Toronto, r., d., 1944-48, 4%.....		\$72,000	297,840
Edmonton Se. Dis., 1953, 5%.....		50,000	46,500
Jersey City Wat., 1961, 4%.....		200,000	200,000
Victoria, c., 1923, 4%.....		50,000	47,500
Alberta, g. d., 1924, 4%.....		200,000	190,000
Ontario, d., 1941, 4%.....		35,000	31,500
Gas, r., 1920, 3%.....		10,000	8,000
N. Y., r., can. imp., 1956-59, 3%.....		2,800,000	2,688,000
N. C., 1951, 4%.....		50,000	50,000
S. C., 1933, 4%.....		104,000	104,000
Maisonneuve, 1953, 5%.....		20,000	97,333
Maisonneuve, 1950, 4%.....		30,000	131,400
U. S. of Mex., int'l. r., 5%.....		50,000	10,000
A. T. & S. F. Ry., cv., 1960, 4%.....		200,000	194,000
Atl. C. L. R.R., g., 1952, 4%.....		100,000	93,000
B. & O. R.R., cv., 1933, 4%.....		210,000	193,200
B. & Me. R.R., 1929, 4%.....		200,000	150,000
B. & P. R.R., 1957, 4%.....		200,000	206,000
C. No. Ry., eq., 1918, 4%.....		100,000	96,000
Cent. N. E. Ry., 1961, 4%.....		200,000	148,000
Cent. of Ga. Ry., 1945, 5%.....		100,000	100,000
Ches. & O. Ry., cv., 1930, 4%.....		300,000	237,000
Ches. & O. Ry., 1992, 4%.....		100,000	93,000
Chi. & A. R.R., r., 1949, 3%.....		200,000	120,000
Chi. I. & So. R.R., g., 1956, 4%.....		100,000	85,000
Chi. M. & St. P. Ry., d., 1934, 4%.....		250,000	227,500
Chi. M. & St. P. Ry., cv. g., 1932, 4%.....		100,000	100,000
Chi. & Nwn. Ry., ext., r., 1926, 4%.....		300,000	282,000
Chi. R. I. & P. Ry., 1 & r m., 1934, 4%.....		100,000	67,000
Chi. R. I. & P. Ry., eq., 1918, 4%.....		50,000	48,500
Chi. St. P. M. & O. Ry., d., 1930, 5%.....		200,000	200,000
Chi. & W. Ind. R.R., 1952, 4%.....		200,000	166,000
Chi. & W. Ind. R.R., n., 1915, 5%.....		150,000	148,500
C. Tm. & Val. R.R., 1995, 4%.....		100,000	82,000
Col. So. Ry., r. ext., 1935, stamped, 4%.....		200,000	170,000
D. M. & No. Ry., g., 1941, 5%.....		100,000	100,000
Erie R.R., Pa. Coal. col., 1951, 4%.....		200,000	178,000
Erie R.R., eq. t. ctf., 1921, 5%.....		50,000	50,000
Erie R.R., g., 1917, 5%.....		200,000	198,000
Fla. E. Coast Ry., 1959, 4%.....		100,000	89,000
G. H., San A. Ry., 1931, 5%.....		100,000	102,000
G. H. & H. R.R., 1933, 5%.....		100,000	95,000
Ca. R.R. & Bkg., 1947, 4%.....		100,000	85,000
Ill. C. R.R. & C. St. L. & N. O. It., 1963, 5%.....		200,000	200,000
J. F. & C. R.R., 1959, 4%.....		100,000	90,000
Kan. Cy., Ft. S. & M. Ry., 1936, 4%.....		100,000	70,000
Kan. Cy. So. Ry., 1 r., 1950, 5%.....		100,000	95,000
Kan. Cy. Tm. Ry., 1 m. g., 1960, 4%.....		250,000	232,500
L. S. & M. So. Ry., g., 1931, 4%.....		200,000	186,000
L. S. & M. So. Ry., 1915, 5%.....		105,000	105,000
L. S. & M. So. Ry., 1915, 5%.....		131,000	131,000
Leh. Val. R.R., gn. m., cs., 2003, 4%.....		300,000	264,000
L. H. & St. L. Ry., 1 m., 1946, 5%.....		25,000	25,000
Me. Cent. R.R., n., 1919, 5%.....		100,000	99,000
Man. Ry., cs. m., 1990, 4%.....		100,000	91,000
Mem. Un. Sta., 1959, 5%.....		100,000	103,000

BONDS AND STOCKS OWNED.—Cont.		Par	Market
Bonds.—Cont.		Value.	Value.
Mo., K. & Tex. Ry., gn. m., 1936, 4%.....		\$100,000	\$70,000
Mo., K. & T. Ry., 1 r., 2004, 4%.....		200,000	100,000
N. O. Tm., 1 m., 1953, 4%.....		100,000	75,000
N. Y. C. & H. R. R.R., 1915, 5%.....		200,000	196,000
N. Y., N. H. & H. R.R., cv., 1948, 6%.....		100,000	103,000
N. Y., N. H. & H. R.R., 1915, 5%.....		200,000	194,000
N. Y., N. H. & H. R.R., cv., d. ctf., r., 1956, 3%.....		100,000	65,000
N. Y. Conn. R.R., 1 m. g., 1963, 4%.....		200,000	194,000
Nor. & W. Pac., jt., 1941, 4%.....		250,000	220,000
No. Pac., Gt. No., r. jt., (C.B. & Q. col.) 1921, 4%.....		400,000	388,000
Ore. S. L. R.R., r., 1929, 4%.....		100,000	91,000
Pa. g. (l. of 1906), 4%.....		100,000	94,000
Reading (Jersey Cent. col.) g., 1951, 4%.....		100,000	94,000
R. I. Imp., eq., 1915, 4%.....		100,000	99,000
So. Pac., cv., 1929, 4%.....		300,000	255,000
So. Pac., cv., g., 1934, 5%.....		134,000	135,340
So. Pac., S. F. Tm., 1950, 4%.....		100,000	83,000
So. Ry., g., 1917, 5%.....		100,000	99,000
Tm. R.R. Amn. St. L., 1953, 4%.....		100,000	85,000
Hudson, g., 1918, 6%.....		200,000	192,000
Tol. & O. C. Ry., 1935, 5%.....		100,000	105,000
Vandalia R.R., cs., 1957, 4%.....		200,000	182,000
Va. Midland Ry., gn. m., 1936, 5%.....		50,000	52,000
Virginian Ry., 1 m., 1962, 5%.....		100,000	98,000
Un. Pac. R.R., g., 2008, 4%.....		250,000	235,000
Wash. Tm., 1 m., g., 1945, 3%.....		100,000	83,000
Wis. Cent. Ry., 1949, 4%.....		100,000	88,000
Adams Exp., col. tr., 1948, 4%.....		100,000	77,000
Amer. Tl. & Tg., 1929, 4%.....		300,000	267,000
Amer. Tl. & Tg., cv., 1933, 4%.....		490,000	480,200
Boonville R.R. Bg. Co., s. f., 1951, 4%.....		118,000	82,600
Can. Perm. Mtg. Cp., d., 1924, 4%.....		25,000	25,000
Ind. Steel, 1 m., 1952, 5%.....		100,000	101,000
Interb. R. T., 1 & r., g., 1966, 5%.....		200,000	196,000
Nat. Tube, 1 m., 1952, 5%.....		300,000	297,000
N. Y. Tl., 1939, 4%.....		100,000	97,000
N. Y. & W. Tlg., d., 1954, 5%.....		200,000	198,000
N. Y. & W. Tlg., gn. m., 2004, 4%.....		200,000	164,000
Peninsular Tl., 1 m., g., 1931, 6%.....		70,000	67,200
So. Bell Tl. & Tg., 1 m., 1941, 5%.....		100,000	97,000
Temple Coal, 1 m., col. tr., g., 1924, 5%.....		100,000	97,000
Mtg. B. of N. Y., 1966, 4%.....		49,000	39,200
U. S. Steel Cp., 1983, 5%.....		455,000	455,000
Stocks.		Par	Market
A. T. & S. F. Ry., p.....		400,000	396,000
A. T. & S. F. Ry., com.....		700,000	686,000
B. & O. R.R., com.....		545,000	457,800
B. & O. R.R., p.....		424,000	318,000
Chi., Mil. & St. P., com.....		400,000	396,000
Chi., Mil. & St. P., p.....		200,000	264,000
Chi. & Nwn. Ry., com.....		700,000	903,000
Chi. & Nwn. Ry., p.....		100,000	170,000
Chi., St. P., M. & O. Ry., p.....		100,000	135,000
Del. & Hud.....		200,000	294,000
Gt. No. Ry., p.....		700,000	861,000
Ill. Cent. R.R.....		100,000	112,000
Kan. Cy., Ft. S. & M. R.R., p.....		200,000	120,000
Leh. Val. R.R.....		800,000	408,000
La. & Nash. R.R.....		180,000	205,500
Manhattan Ry.....		600,000	780,000
N. Y. C. & H. Riv. R.R.....		300,000	267,000
N. Y., N. H. & H. R.R.....		300,000	162,000
Nor. & W. Ry.....		800,000	832,000
No. Pac. Ry.....		700,000	770,000
No. R.R. of N. J.....		100,000	75,000
Pa. R.R.....		825,000	915,750
Pitts., B. & L. E. R.R.....		250,000	150,000
Reading, 1 p.....		250,000	220,000
Roch. & Genesee Val. R.R.....		180,000	180,000
So. Pac., com.....		716,500	687,840
So. Ry., p.....		200,000	116,000
Un. Pac. R.R., com.....		400,000	480,000
Bklyn. Union Gas.....		200,000	248,000
Consolidated Gas of N. Y.....		600,000	768,000
Intern'l. Nickel, com.....		100,000	116,000
Lawyers Mtge.....		60,000	95,000
The Mackay Co., p.....		200,000	134,000
Amer. Exch. Nat. Bk. of N. Y.....		80,000	164,000
Hanover Nat. Bk.....		10,000	65,000
Manhattan, N. Y.....		10,000	30,000
Met. Tr.....		5,000	17,000
Pacific Bk.....		14,300	32,175
U. S. Mtg. & Tr.....		20,000	80,000

Totals..... \$30,418,940 \$30,038,379

THE HOME INSURANCE COMPANY, New York, N. Y.—Continued.

MISCELLANEOUS: Capital increased in 1858 from \$500,000 to \$800,000; in 1859 to \$1,000,000; in 1863 to \$2,000,000; in 1870 to \$2,500,000; in 1875 to \$3,000,000; in 1913 to \$6,000,000, by stock dividend. In 1871, \$1,500,000 impairment capital made good. Stock dividends aggregated \$4,000,000. Confagration losses: Chicago, 1871, \$3,071,300; Boston, 1872, about \$300,000; Baltimore, 1904, \$1,054,814; San Francisco, 1906, \$2,248,904. Values of special deposits: Va., \$51,500; Ga., \$9800; Ore., \$52,700; N. M., \$11,100; N. C., \$50,000; Fla., \$10,400; S. C., \$10,000; Can., \$749,190; Mex., \$11,070; Cuba, \$33,250.

DIRECTORS: Levi P. Morton, Elbridge G. Snow, George H. Hartford, Henry F. Noyes, Lucien C. Warner, John Chaffin, John H. Flager, Wm. D. Baldwin, Lewis L. Clarke, Clarence H. Kelsey, William I. Washburn, Elbert H. Gary, Thos. B. Kent, Cornelius N. Bliss, Jr., Frederic C. Buswell.

FIELD MEN AND TERRITORY COVERED: Eastern department: Frank W. Alden, State agent, Waterville, Me.; Elmer B. Bailey, Burlington, Vt., State agent for N. H. and Vt.; F. A. Waterbee, general agent for Mass.; Howard H. Worthington, special agent for Mass.; Gilmour, Rothery & Co., Boston, Mass., general agents for Mass. sub-agencies; Elliott G. Beardsley, Hartford, Conn., State agent for R. I. and Conn.; Richard Van Vranken, Arkay Bldg., Albany, N. Y., special agent for eastern N. Y.; Henry L. Morgan, Syracuse, N. Y., State agent for central N. Y.; Frank E. Burke, Rochester, N. Y., State agent for western N. Y.; George A. Clarke, State agent, J. V. N. Simonson, special agent for southern N. Y.; Harry O. Huth, home office, N. Y., special agent; F. J. Schults, home office, N. Y., inspector for N. Y.; Nelson H. Simmons, Syracuse, N. Y., manager for N. Y. State Farm Dept.; George A. Clarke, State agent, J. V. N. Simonson, special agent for N. J. and Del.; Harry O. Huth, home office, N. Y., special agent for N. J. and Del.; E. S. McKillip, Bloomsburg, Pa., special agent for north and northeastern Pa.; Fred D. Blessey, Pittsburgh, Pa., special agent for western Pa.; William J. Christie, Philadelphia, Pa., special agent for south and southeastern Pa.; F. J. McFadden, manager, Louis Harding, special agent department of Improved Risks, home office, N. Y.; Arnold A. Repp, special agent, 1401 Insurance Exchange, Chicago, Ill.; E. V. McKarhan, special agent, room 517, American Bank Bldg., Kansas City, Mo., for department of improved risks. Western Department: L. B. Leigh & Co., Little Rock, Ark., general agents for Ark. and Ark. farm department; Harold Rogers, Denver, Colo., State agent for Colo.; H. M. Zimmer, Chicago, Ill., State agent for Ill.; Harry B. Cole, Centralia, Ill., special agent for southern Ill.; Corland O. Bray, special agent, Bloomington, Ill.; H. G. Buswell, manager, F. L. Eastman, special agent, Chicago, Ill., for Ill. Cent. Co.; John B. Cromer, State agent, Clinton D. Leaser, Iowa Excelsior, special agents, Indianapolis, Ind., for Ind.; O. J. Davis, State agent, O. W. Follett, special agent, Des Moines Ia., for Ia.; C. W. Fort, State agent, O. P. Ruah, special agent, Kansas City, Mo., for Kan.; Robt. H. Sherman, manager for southwestern half department, and John F. Hicks, special agent, Oklahoma City, Okla., for Kan., Tex., N. M. and Okla.; W. H. Wheeler, general agent, H. Lee Upton, State agent, Louisville, Ky.; W. E. Drake, general agency inspector, Louisville, Ky.,

for Ky.; Joseph W. O'Brien, Grand Haven, Mich., State agent for western Mich.; Eugene G. O'Brien, special agent for eastern Mich., Detroit, Mich.; William D. Lowry, State agent, Jay A. Weeks, special agent, Minneapolis, Minn., for Minn.; Walter Scott, general sub-agency department, John H. Walsh, State agent, W. O. Woodsmall, Frank H. Rea, special agents, Kansas City, Mo., for Mo.; John K. Morrison, State agent, E. G. White, special agent, Omaha, Neb.; John M. Shickley, special agent, Lincoln, Neb., for Neb.; William D. Lowry, State agent, O. J. Johnson, special agent, hail dept., Minneapolis, Minn.; Herman O. Kallgren, special agent, Fargo, N. D., for N. D.; C. T. Deatrick, State agent, Clark O. Wood, Ray Decker, special agents, Columbus, O., for O.; C. T. Deatrick, State agent in charge, Columbus, O., for O. farm department; R. W. Bates, State agent, Charles H. Cowan, special agent, Oklahoma City, Okla., for Okla.; L. C. Nichols, State agent, Sioux Falls, S. D., for S. D.; W. H. Wheeler, general agent, Louisville, Ky., E. H. Sherley, State agent, Nashville, Tenn., for Tenn.; Wm. C. Kirklands, special agent, Nashville, Tenn. and W. E. Drake, general agency inspector, Louisville, Ky.; E. A. Rademacher, State agent, Roy L. Nicholson, C. H. Anderson, special agents, Milwaukee, Wis., for Wis.; H. H. Walker, secretary, F. L. Joy, assistant secretary, F. H. Cornell, assistant secretary, Chicago, Ill., for western farm department. Southern department: Kalford Kreth, general agent, Percy Putnam, special agent, Montgomery, Ala., for Ala.; F. I. Mosher, Baltimore, Md., State agent, W. Snyder Carroll, special agent, 1117 Woodward Bldg., Washington, D. C. for D. C. and W. Va.; Charles W. Phillips, State agent, Dorset T. Davis, special agent, Atlanta, Ga., for Fla. and Ga.; Emerson H. Addington, New Orleans, La., State agent for La.; F. Bynner Davenport, special agent, New Orleans, La.; Albert G. Hancock, general agent, G. Fred Swen, special agent, Baltimore, Md., W. Sydney Carroll, special agent, Washington, D. C., for Md.; Kalford Kreth, Montgomery, Ala., general agent, A. J. Haltiwanger, Thos. L. Spengler, Jackson, Miss., special agents for Miss.; Ben. J. Smith, general agent, Charlotte, N. C., H. G. Foard, Wilmington, N. C., special agent for N. C. and S. C.; Leon Dargan, State agent, D. D. McLarry, C. M. Hunt, Dallas, Tex., special agents for Tex.; Frank J. McCarthy, Richmond, Va., State agent for Va.; Pacific Mexican, Canadian and Cuban departments: Harry L. Roff, general agent, John J. Sheahan, assistant general agent, H. W. Wagenet, E. A. Sheahan, special agents, San Francisco, Cal.; Geo. W. Madison, special agent, Home underwriters, for northern Cal., Nev. and Alas.; Charles Quitsow, James S. Suydam, Los Angeles, Cal., special agents for southern Cal., Ariz. and New Mex.; John D. Coleman, general agent, John C. Fox and Edgar Stevens, special agents, Portland, Ore.; Vernon B. McDowell, special agent, Spokane, Wash., for B. C. northwest and southwest Ida., Ore. and Wash.; Junius Young, Salt Lake City, Utah, State agent for Ida., Utah and Wyo.; Ben. A. Scott, Great Falls, Mont., State agent for Mont.; A. M. Kirkpatrick, general agent for Ontario, 15 Wellington, E. Toronto, Ont.; Arthur C. Bailie, Winnipeg, Man., special agent for Can.; William B. Woodrow Co., Apartado 506, Mexico City, Mex., manager for Mex.; business through home office for Cuba. Company operates in all States of the United States, Canada and in Mexico.

HOME FIRE INSURANCE COMPANY OF UTAH, Salt Lake City, Utah.

President, Heber J. Grant; Secretary, H. G. Whitney. Organized, 1886.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,051,489	\$105,206	\$638,004	\$109,656	\$173,759	\$42,694	\$42,000	\$53,793	\$138,487	\$43,629
1913	1,048,476	96,203	645,930	106,676	192,015	42,383	42,000	50,619	135,002	43,687
1912	1,038,643	86,460	648,143	93,576	166,554	45,586	42,000	46,981	134,567	36,622
1911	927,880	79,546	534,330	91,445	153,730	36,449	42,000	43,829	122,278	42,225
1910	844,602	74,019	462,354	90,130	142,870	45,314	36,000	40,268	121,582	41,031

Assets, Dec. 31, 1914.

Assets, Dec. 31, 1914.	LIABILITIES, DEC. 31, 1914.
Real estate.....	Losses unpaid.....
Mortgage loans.....	Unearned prem.....
Bonds and stocks.....	Other liabilities.....
Collateral loans.....	
Cash.....	Total liabilities.....
Agents' balances.....	Capital paid up.....
	Net surplus.....
Total assets.....	Total.....

Underwriting profit, \$7,291; investment profit, \$26,784.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$16,574,671; premiums thereon, \$203,576.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,103,776; losses paid, \$389,536; dividends declared, cash, \$684,463; stock, \$50,000.

REAL ESTATE OWNED: Consists of 72½ feet fronting on

Main st., between South Temple and First South sts., 110 feet depth, with 2-story and basement brick building on same, 18-26 South Main st., Salt Lake City, the book value of which is \$109,000. Total rents received in 1914, \$7,295; real estate, taxes and expenses, \$2,826. No incumbrance.

MORTGAGE LOANS: There are 88 loans for \$290,287 on Utah and Idaho farm business and residence property valued at \$846,450. Company holds \$240,150 of insurance on mortgaged buildings. On December 31, last, there was \$1,094 of interest past due.

COLLATERAL LOANS are as follows:		
SECURITIES.		
	Market Value.	Amount Loaned.
200 shrs. Utah Hotel Co.....	\$8,000	\$4,000
Burley State Bank.....	2,000	1,000
L. W. Robbin Co.....	8,576	4,000
Prova Commercial & Sav. Bk.....	4,140	1,500
Beneficial Life Ins. Co., stk.....		
Totals.....	\$23,016	\$10,500

HOME FIRE INSURANCE COMPANY OF UTAH, Salt Lake City, Utah.—Continued.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.	BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.				Stocks.—Cont.			
Mt. Hood Ry., Ore., 1927, 6%.....		\$14,500	\$13,920	Utah Hotel, Salt Lake City.....		\$25,000	\$10,000
Alta Club, S. L. Cy., 1919, 6%.....		10,000	10,000	Hotel Ut. Operating, Salt Lake City.....		7,500	9,375
Utah Hotel, S. L. Cy., 1921, 6%.....		5,000	5,000	Utah State Nat. Bk., Salt Lake City.....		6,000	12,060
Cache Valley Irrigation, Utah, 6%.....		1,800	1,710	Walker Bros. Bk., Salt Lake City.....		5,000	10,850
Sumpter Valley R. R., Ore., 6%.....		4,000	4,000				
Sevier River Ld. & Irrigation, Utah, 6%.....		10,000	8,500				
Stocks.				Totals (book value \$573,956).....		\$382,470	\$571,871
Deseret Nat. Bk., Salt Lake City.....		10,000	30,200	MISCELLANEOUS: Capital increased in 1891 from \$100,000 to \$250,000; increased in 1909 to \$300,000 and \$40,000 realized on sale of new stock.			
Deseret Sav. Bk., Salt Lake City.....		3,000	32,550	DIRECTORS: Thomas G. Webber, Charles S. Burton, P. T. Farnsworth, Francis M. Lyman, John R. Barnes, Elias A. Smith, Joseph F. Smith, John C. Cutler, L. S. Hills, George Romney, Heber J. Grant, John F. Bennett, Matthew S. Browning.			
Zions Cooperative Mer. Inst., Ut.....		65,000	225,500	FIELD MEN AND TERRITORY COVERED: Heber J. Grant & Co., Salt Lake City, general agents; A. L. Macdonald and E. M. Weiler, Jr., special agents; H. R. Mann & Co., San Francisco, Cal., general agents for Cal. and Wash.; Gerald L. Schuyler, Denver, Colo., general agent for Colo. and Wyo.; Gus E. Hartung, special agent, Denver, Colo. The company operates in Ariz., Cal., Colo., Ida., Mont., Utah, Wash. and Wyo.			
Consolidated Wagon and Mach., Ut.....		78,400	66,248				
Thatcher Bros. Bkg., Logan.....		5,000	8,000				
Ogden Sav. Bk., Ogden.....		1,200	3,960				
Oregon Lumber.....		29,200	35,040				
Amalgamated Sugar, Utah, p.....		15,000	18,750				
Utah Idaho Sugar, Utah.....		78,980	57,261				
Farmers Ut. Loan Assn., Logan.....		420	420				
Heber J. Grant & Co., Salt Lake.....		1,150	2,587				
San Vincente Lumber, Cal.....		4,600	2,300				
Sugar Cy. Townsite, Idaho.....		1,000	550				
Mt. Hood Ry., Ore.....		720	3,040				

HOME FIRE INSURANCE CORPORATION OF VIRGINIA, Hampton, Va.

President, J. T. Lee; Secretary, H. W. Saunders. Organized, 1905.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$74,988	\$20,473	\$37,114	\$19,949	\$22,871	\$8,948		\$10,604	\$19,550	\$8,946
1913	71,337	19,626	33,352	18,789	22,120	6,969		10,495	17,464	9,006
1912	66,943	20,881	28,661	20,817	23,541	8,506		10,809	19,315	8,506
1911	62,624	19,366	26,288	20,520	23,083	9,149		10,126	19,275	8,081
1910	58,716	17,260	22,842	17,703	19,954	8,037		7,895	12,932	5,374

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$26,675	Unearned prems.....	\$20,473
Bonds and stocks.....	21,319	Other liabilities.....	1,426
Collateral loans.....	13,460		
Cash.....	6,622	Total liabilities.....	\$21,899
Agents' balances.....	5,581	Capital paid up.....	15,975
Interest and rents.....	1,331	Net surplus.....	37,114
Total assets.....	\$74,988	Total.....	\$74,988

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,968,322; premiums thereon, \$41,067.

MORTGAGE LOANS: There are 29 loans aggregating \$26,675 on property in Va. valued at more than double the amount loaned thereon.

COLLATERAL LOANS: These loans amount to \$13,460 on securities whose market value is \$22,300.

BONDS OWNED:		Par Value.	Market Value.
Pulaski Co., Va.....		\$10,000	\$10,835
Hampton, Va. Sav. & Bldg.....		10,000	10,484
Totals.....		\$20,000	\$21,319

MISCELLANEOUS: Company began business July 1, 1905, with a paid-up capital of \$13,620, which was increased in 1906 to \$15,975 and \$1,110 additional surplus paid in. Company operates only in Va.

DIRECTORS: F. W. Darling, S. C. Rees, R. E. Wilson, H. R. Booker, W. B. Baldwin, J. T. Lee, J. W. Rowe, A. T. Ransome, R. I. Mason, Chas. H. Hewins, W. W. Richardson, Dr. J. W. Hope, J. B. Kimberly, Dr. Geo. K. Vandermere, E. M. Tennis, W. W. Woodward, J. S. Wyatt, Alex. James, J. A. Willett, J. M. Willis, N. S. Grooms, H. W. Saunders, Geo. E. Hunt.

HOME INSURANCE COMPANY OF HAWAII, LTD., Honolulu, Haw.

President, Cecil Brown; Treasurer and Manager, Zeno K. Myers. Organized, 1911.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$82,658	\$10,879	\$20,055	\$11,401	\$25,731	\$1,398		\$13,442	\$14,840	\$1,398
1913	71,768	10,137	10,096	12,990	\$30,633	1,287		18,232	19,519	1,287
1912	65,075	7,289	5,150	12,766	19,105	742		8,418	9,160	742

* Includes \$347 surplus paid in.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$31,900	Unearned prems.....	\$10,879
Bonds and stocks.....	9,609	Other liabilities.....	1,724
Collateral loans.....	13,340		
Cash.....	15,050	Total liabilities.....	\$12,603
Agents' balances.....	847	Capital paid up.....	50,000
Interest and rents.....	1,089	Net surplus.....	20,055
Other assets.....	5,823		
Total assets.....	\$82,658	Total.....	\$82,658

Underwriting profit, \$5,942; investment profit, \$4,017.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,122,761; premiums thereon, \$21,205.

BUSINESS SINCE ORGANIZATION: Premiums received, \$42,689; losses paid, \$3,463.

MORTGAGE LOANS: There are 15 loans, aggregating \$31,900 on 15 lots in the best residential sections of Honolulu, valued at \$84,150. The company holds \$35,850 insurance on the property. There was no interest past due on December 31, last.

COLLATERAL LOANS: These loans, amounting to \$18,340, are upon sugar stocks and bonds whose market value is held at \$57,692.

BONDS OWNED:		Par Value.	Market Value.
Mutual Inv., Hawaii.....		\$500	\$500
Chinese Mutual Inv., Hawaii.....		500	500
Hilo R. R., 6%.....		5,000	2,750
Honolulu Lava Brick, 6%.....		6,000	6,000
Pioneer Building and Loan Association.....		109	109
Totals (book value, \$9,609).....		\$12,500	\$9,609

DIRECTORS: Cecil Brown, J. A. McCandless, Norman Watkins, Zeno H. Myers, F. D. Lowrey, Chu Gem, John A. Scott, A. S. Wilcox, R. A. Wadsworth, G. F. Bush.

FIELD MEN AND TERRITORY COVERED: C. D. Luftkin, general agent, Island of Maui; M. de F. Spinola, resident agent, Hilo, Hawaii; Chinese Mutual Investment Company of Hawaii, Ltd., agents at Honolulu; C. F. Drake, special agent for Hawaii; A. W. Eames, agent at Wahiawa, Oahu. The company is licensed in Hawaii only.

HUMBOLDT FIRE INSURANCE COMPANY, Pittsburg, Pa.

President, A. H. Trimble; Secretary, Edward Heer; Assistant Secretary, F. W. Schratz. Organized, 1871.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,399,673	\$849,178	\$168,915	\$763,914	\$840,811	\$514,715	\$36,000	\$342,227	\$892,942	\$522,530
1913	1,455,369	842,080	248,114	793,215	870,203	405,132	48,000	362,067	815,199	391,112
1912	1,410,073	772,311	264,084	730,928	800,851	376,742	48,000	321,133	745,875	370,954
1911	1,356,627	712,713	262,781	734,777	806,472	395,234	44,000	322,666	761,900	389,828
1910	1,312,778	608,487	323,851	656,749	788,180	277,421	32,000	271,781	581,202	272,141

† Includes \$77,445 premium on new stock.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$116,767	Losses unpaid.....	\$71,857
Mortgage loans.....	839,330	Unearned premis.....	849,178
Bonds and stocks.....	117,700	Other liabilities.....	9,728
Collateral loans.....	43,200		
Cash.....	131,109	Total liabilities.....	\$930,758
Agents' balances.....	135,174	Capital paid up.....	300,000
Interest and rents.....	16,183	Net surplus.....	168,915
Other assets.....	240		
Total assets.....	\$1,399,673	Total.....	\$1,399,673

Underwriting loss, \$110,592; investment profit, \$67,393.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$173,593,064; premiums thereon, \$1,628,079.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,538,728; losses paid, \$2,980,572; dividends declared, cash, \$567,192.

REAL ESTATE OWNED: The principal parcel of real estate is the company's home office building at 1310 Beaver ave., Pittsburg, the book value of which is \$56,000, and an office building and apartments at 1627 Beaver ave., Pittsburg, carried at cost, \$26,415. None of the remaining 10 properties (mostly dwellings) is carried at more than \$5,500.

MORTGAGE LOANS: The company has 398 loans, aggregating \$699,330, the total estimated value of the mortgaged premises being \$1,941,634. The insurance carried on the buildings amounts to \$1,103,550. The loans are all small, relatively few exceeding \$4,000, and the largest being \$14,000. They are principally upon real estate in or near Pittsburg.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Securities.			
Manchester Savings Bk. & Tr. stk.....		\$900	\$100
Manchester Savings Bk. & Tr. stk.....		600	500
Manchester Savings Bk. & Tr. stk.....		600	450
Saf. Deposit & Tr. stk.....		13,920	8,300
Manchester Savings Bk. & Tr. stk.....		960	175
Manchester Savings Bk. & Tr. stk.....		300	200
Crucible Steel Scrip.....		130	
Crucible Steel, p. stk.....		750	
Citizens Nat. Bk., Bellevue stk.....		100	2,675
Dollar Savings & Tr. stk.....		2,250	
Manchester Savings Bk. & Tr. stk.....		600	300
Manchester Savings Bk. & Tr. stk.....		1,200	900
Bellevue Realty Savings & Tr. stk.....		3,000	2,500
Manchester Savings Bk. & Tr. stk.....		4,500	1,200
Manchester Savings Bk. & Tr. stk.....		300	80
Manchester Savings Bk. & Tr. stk.....		1,500	1,000
Peoples Natural Gas & Pipeage stk.....		2,380	1,100
Manchester Savings Bk. & Tr. stk.....		900	300
Manchester Savings Bk. & Tr. stk.....		1,200	1,000
Manchester Savings Bk. & Tr. stk.....		2,400	500
Manchester Savings Bk. & Tr. stk.....		600	500
Pure Oil stk.....		3,000	
Manufacturers Lg. & Ht. stk.....		500	

COLLATERAL LOANS.—Cont.

SECURITIES.—Cont.		Market Value.	Amount Loaned.
Waynesburg Home Gas stk.....		\$1,300	\$12,500
Greene Cananea Copper stk.....		2,400	3,000
Westinghouse Airbrake stk.....		3,000	2,100
Columbia Plate Glass stk.....		17,400	
Columbia Plate Glass stk.....		2,310	500
Ohio Valley Water.....		800	200
Ohio Val. Wat. Co.....		1,600	
Columbia Plate Glass stk.....		2,200	2,570
Manchester Savings Bk. & Tr. stk.....		600	
Manchester Savings Bk. & Tr. stk.....		600	250
Totals.....		\$74,890	\$43,200

BONDS AND STOCKS OWNED:

Bonds.		Par Value.	Market Value.
Col. Plate Glass, 1921, 6%.....		\$16,000	\$15,200
Pitts. Crucible Steel, 1923, 5%.....		10,000	9,900
Jones & Laughlin Steel, 1939, 5%.....		5,000	5,080
Republic Iron & Steel, 1940, 5%.....		5,000	4,700
Pitts. Coal, 1931, 5%.....		5,000	4,650
United Coal, 1916, 6%.....		5,000	2,000
Nat. Tube, 1952, 5%.....		5,000	5,000
R. I. & So. Ry., 1947, 5%.....		5,000	2,750
Union Nat. Gas., 1916-20, 6%.....		10,000	10,120
Stocks.			
Gn. Adj. Bureau.....		100	100
Pa. R.R.....		33,000	36,630
Westinghouse El. com.....		12,500	9,250
Westinghouse El. p.....		5,000	6,200
Amer. Tl. & Tg.....		5,000	6,150
Totals (book values, \$125,541).....		\$121,600	\$117,700

MISCELLANEOUS: Capital increased in 1879 from \$61,098 to \$81,732; in 1880, from \$81,732 to \$100,000; in 1904, from \$100,000 to \$200,000, when \$50,000 of surplus was also paid in, and in 1910 to \$300,000 and \$77,445 premium on new stock added to surplus.

DIRECTORS: Edward Gwinner, E. Hoeveler, Edward Fried, Jas. P. McKinney, Aug. Langenhein, A. F. Schwerd, Michael Kress, Geo. W. Crawford, W. A. Selling, A. H. Trimble, Wm. H. Jacob, Jacob M. Loeb, Edward Heer, M. W. Stoner, Dr. J. B. Keaggy, Wm. E. Conroy.

FIELD MEN AND TERRITORY COVERED: Percy B. Dutton, Rochester, N. Y., general agent for N. Y. State (outside of Metropolitan dis.); Geo. W. Comstock, general agent, N. Y. suburban dis.; H. C. Cowpland, superintendent of agencies; H. J. A. Finley, special agent for Western Pa. and Northern O.; Geo. E. Mohler, for Md., D. C., Southern N. J. and Eastern Pa.; Geo. S. Rosencrans, general agent for Mass. and Conn.; Fish & Schulkamp, general agents for Wis.; E. W. Clinton, special agent for O., and M. V. McGilliard, special agent for Ind. The company operates in Colo., Conn., D. C., Ill., Ind., Md., Mass., Mich., N. J., N. Y., O., Pa., Cal., Tex. and Va.

IMPERIAL ASSURANCE COMPANY, New York, N. Y.

President, P. Beresford; Secretary, Howard Terhune. Organized, 1899.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$814,781	\$306,088	\$274,793	\$331,722	\$360,427	\$167,191	\$20,000	\$133,255	\$320,446	\$169,404
1913	758,163	269,435	262,015	294,514	311,899	152,085	20,000	111,997	284,082	139,456
1912	738,787	260,965	245,369	294,285	320,392	151,336	20,000	112,438	283,824	147,548
1911	726,417	262,242	222,265	319,946	345,142	196,726	20,000	118,560	325,286	180,692
1910	707,945	251,252	221,693	337,342	360,858	153,367	20,000	122,823	296,190	151,763

IMPERIAL ASSURANCE COMPANY, New York, N. Y.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$687,605	Losses unpaid	\$21,400
Cash	55,494	Unearned prems.	306,088
Agents' balances	62,819	Other liabilities	12,500
Interest	8,663		
Other assets	200	Total liabilities	\$339,988
		Capital paid up	200,000
		Net surplus	274,793
Total assets	\$814,781	Total	\$814,781

Underwriting loss, \$11,590; investment profit, \$44,364.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$71,471,049; premiums thereon, \$571,800.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,322,403; losses paid, \$2,741,237; dividends declared, cash, \$130,000.

BONDS OWNED:

	Par Value.	Market Value.
Boston, 1923, 4%	\$25,000	\$24,750
N. Y. C. op. Bklyn. g. ex., 1920-37, 3½%	75,325	71,385
N. Y. Cy. g. tax ex., 1954, 3½%	15,000	13,200
New York Cy., 1957, 4½%	25,000	26,750
New York Cy., 1962, 4½%	220,000	226,600
Atch., T. & S. F. R. R., gn. m., 1995, 4%	30,000	28,800
Balt. & O. R. R., pr. ln. m., 1925, 3½%	40,000	36,800
Chi. Mil. & St. P. R. R., gn. m., 1989, 4%	20,000	19,200
Clev. S. L. R. R., g. ba., 1961, 4½%	7,000	6,720
Del. & Hud. I. r. m., 1943, 4%	50,000	49,000
Gt. No., No. Pac. C. B. & Q. col., 1921, 4%	25,000	24,250

BONDS OWNED.—Cont.		Par Value.	Market Value.
Manhattan Ry., 1990, 4%		\$35,000	\$32,550
Mil. Sp. & Nown. R. R., 1 m., 1947, 4%		35,000	32,200
Minn. St. P. & S. Ste. M. R. R., 1 ca., 1938, 4%		8,000	7,600
N. Y. C. & H. R. R. R., L. S. col., 1998, 3½%		50,000	39,000
Un. Pac. R. R., 1 m., R. R. & Ld. Grnt., 1947, 4%		20,000	19,400
N. Y. Tl., 1939, 4½%		30,000	29,400
Totals (book value, \$687,606)		\$710,325	\$687,606

MISCELLANEOUS: This company began business with a surplus of \$100,000. It is controlled by interests identified with the Phoenix Assurance of London. On February 23, 1904, the stockholders voluntarily paid in \$50,000 and in 1906, \$350,000 additional surplus was paid in by stockholders. Conflagration losses: Baltimore, 1904, \$80,015; San Francisco, 1906, \$463,147.

DIRECTORS: George Francis Crane, George A. Strong, Harry H. Treadwell, P. Beresford, Louis P. Bayard, A. D. Irving, Jr., A. P. Whitehead, R. B. Whittemore, W. Irving, L. P. Bayard, Jr., Pennington Whitehead, H. Terhune, H. Darlington.

FIELD MEN AND TERRITORY COVERED: R. E. Lideter, Chicago, general agent, Western department; W. Irving, general agent, Pacific department; H. Terhune, general agent at home office. The company operates in Cal., Colo., Conn., Fla., Ida., Ill., Ind., Ia., Kan., Ky., Me., Md., Mass., Mich., Minn., Mo., Mont., Neb., N. H., N. J., N. Y., N. C., N. D., O., Ore., Pa., R. I., S. D., Tex., Wash., W. Va. and Wis.

INDEPENDENCE FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, Henry I. Brown; Vice-President, Everett U. Crosby; Secretary, Theodore E. Brown. Organized, 1910.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$349,099	\$51,516	\$35,384	\$78,026	\$91,150	\$58,116		\$25,430	\$83,546	\$54,495
1913	337,369	56,472	65,707	100,794	113,482	47,240		33,225	80,465	54,915
1912	309,758	28,840	74,314	53,303	63,139	8,943		17,577	26,520	14,046
1911	277,257	10,659	66,392	20,815	29,881	2,241		7,266	9,507	2,347
1910	253,656	1,795	51,786	3,335	*54,928			12,269	2,269	

*Includes \$50,000 initial surplus paid in. †Includes organization expenses, \$1,268.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$27,500	Losses unpaid	\$10,371
Bonds and stocks	274,420	Unearned prems.	51,516
Cash	31,273	Other liabilities	1,828
Agents' balances	11,446		
Interest	4,360	Total liabilities	\$63,715
Other assets	100	Capital paid up	200,000
		Net surplus	85,384
Total assets	\$349,099	Total	\$349,099

Underwriting profit, \$2,811; investment profit, \$16,866.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$10,960,553; premiums thereon, \$99,436.

BUSINESS SINCE ORGANIZATION: Premiums received \$256,260; losses paid, \$115,344.

MORTGAGE LOANS: There are 2 loans aggregating \$27,500; one for \$7,500 on residential property at Wynnewood, Pa., and the other for \$20,000 on lumber property in Philadelphia valued at \$40,000.

BONDS OWNED.

	Par Value.	Market Value.
New York State, canal, 1960, 4%	\$20,000	\$20,400
New York State, hvy. imp., 1963, 4½%	5,000	5,500
Allegheny County, bg., 1940, 4%	20,000	20,000
Washington Co., jail imp., 1925, 4%	10,000	9,800
Altoona, r., 1934, 4%	2,000	1,960
Buffalo, wat., 1960, 4%	25,000	24,250
Harriaburg, public imp., 1915, 4%	15,000	15,000
N. Y. City, rap. tran. loan, 1960, 4½%	20,000	20,600
Philadelphia, 1940, 4%	25,000	25,500
Pittsburg, wat. & bg., 1929, 4½%	10,000	10,200
Syracuse, mun. imp., 1924, 4%	10,000	10,100

BONDS OWNED.—Cont.		Par Value.	Market Value.
Troy, wat. & pipe line, 1929, 4½%		\$10,000	\$10,400
Troy, wat. wks., 1915-16, 4½%		2,000	2,010
Utica, pub. imp., 1917-19, 4½%		8,000	8,000
Allegh. Val. Ry., gn. m., 1942, 4%		5,000	4,850
At., Top. & S. F. Ry., gn. m., 1995, 4%		5,000	4,800
Canadian Norm. Ry., eq. tr., 1916, 4½%		5,000	4,950
C. M. & St. P. Ry., cv., 1932, 4½%		5,000	5,100
C. M. & St. P. Ry., m., 1989, 4%		5,000	4,800
C. R. I. & Pac. Ry., 1 & r., 1934, 4½%		5,000	3,600
Illinois Cent. Ry., eq. tr., 1919, 4½%		10,000	10,000
Internat'l & Gt. No. Ry., 1914, 5%		5,000	3,750
Louisville & Nashville R.R., 1940, 4%		5,000	4,800
Norfolk & West. R.R., 1 ln. & gn. m., 1944, 4½%		5,000	4,550
N. Pac. Ry., prior ln. & ld. grt., 1997, 4½%		5,000	4,750
Pacific Pow. & Lt., 1 & r., 1930, 5%		5,000	4,500
Pennsylvania R.R., cv., 1915, 3½%		5,000	5,000
P. C. C. & St. L., cv., 1957, 4%		5,000	4,700
Portland Ry., Lt. & Pow., 1 & r., 1942, 5%		5,000	4,600
Union Pacific R.R., 1 & r., 2008, 4½%		5,000	4,750
Totals (book values, \$268,651)		\$267,000	*\$263,220

*Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: This company was organized in 1910, and commenced business with a paid-up capital of \$200,000 and an initial cash surplus of \$50,000.

DIRECTORS: Uberto C. Crosby, Edward F. Henson, Russell S. Hubbard, Geo. H. May, Marshall S. Morgan, Roland L. Taylor, William H. Woodin and officers.

TERRITORY COVERED: The company operates in Ill., Mass., N. J., N. Y. and Pa.

INDUSTRIAL FIRE INSURANCE COMPANY, Akron, O.

President, F. R. Ormsby; Vice-President, J. S. Frelinghuysen; Secretary, G. F. Hutehings. Organized, 1911.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$123,065	\$106	\$18,167	\$9,370	\$15,723	\$24,301	.....	\$13,083	\$37,384	\$23,725
1913	144,471	19,381	21,173	28,370	35,926	8,724	.....	22,712	31,436	.....
1912	139,708	4,900	34,046	15,775	22,256	2,681	.....	28,810	31,691	2,865
1911	150,997	221	50,679	334	4,016	150	.....	7,248	7,398	150

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$79,605	Losses unpaid	\$1,228
Bonds and stocks	21,600	Unearned premiums	105
Cash	15,694	Due reins. cos.	2,449
Agents' balances	4,687	Other liabilities	1,116
Interest	1,122	Total liabilities	\$4,898
Other assets	356	Capital paid up	100,000
		Net surplus	18,167
Total assets	\$123,065	Total	\$123,065

Underwriting loss, \$9,912; investment profit, \$6,905.

RISKS AND PREMIUMS: Fire risks in force, December 31, 1913; premiums thereon, \$210.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,097; losses paid, \$34,539.

MORTGAGE LOANS: There are 16 loans, aggregating \$79,605, protected by farm and mercantile property in Akron, Canton and Wadsworth, O., valued at \$327,320. There was no interest past due on December 31, last. Company holds \$60,050 of insurance on the buildings.

BONDS OWNED:		Par Value.	Market Value.
Canton, O., imp., 1914-19, 4½%	.....	\$7,600	\$7,600
Lorain, O., pav., 1918-23, 4½%	.....	14,000	14,000
Totals (book value, \$21,600)	.....	\$21,600	\$21,600

MISCELLANEOUS: The company is licensed in Ohio only. Capital has been increased by absorption of Wilmington to \$200,000. Present surplus approximately \$46,000.

DIRECTORS: Chas. W. Seiberling, W. A. Ault, Gottfried Wild, A. R. Turnbull, I. S. Myers, F. R. Ormsby, Joseph Winum, A. H. Rohrer, Joseph Dangel, J. S. Frelinghuysen, Geo. F. Hutehings, G. A. Rohrer.

INSURANCE COMPANY OF NORTH AMERICA, Philadelphia, Pa. §

President, Eugene L. Ellison; Vice-President, Benjamin Rush; Second Vice-President, John O. Platt; Secretary and Treasurer, T. Howard Wright; Assistant Secretary, Sheldon Catlin. Organized, 1792.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$18,560,362	\$7,849,073	\$4,849,128	\$9,698,224	\$10,426,165	\$5,564,003	\$480,000	\$3,620,455	\$9,664,458	\$5,987,122
1913	17,801,876	7,765,161	4,541,296	9,412,992	10,094,657	5,349,038	480,000	3,630,319	9,449,357	5,400,138
1912	17,807,456	7,883,316	4,688,673	9,314,283	9,962,754	5,041,968	480,000	3,510,212	9,032,180	5,189,168
1911	17,802,726	7,401,638	4,000,000	9,199,772	9,917,736	5,072,530	480,000	3,416,117	9,968,647	5,185,530
1910	16,989,457	7,146,146	3,630,235	8,990,711	10,180,498	4,643,471	360,000	3,345,140	8,348,611	4,795,221

Unearned premiums include amount reclaimable on perpetual policies. * Includes \$3,623,295 marine premiums and \$1,813,347 marine losses. † Includes \$600,000 surplus paid in.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$235,300	Losses unpaid	\$1,762,161
Mortgage loans	222,025	Unearned premiums	7,134,633
Bonds and stocks	15,079,839	Perp. dep. real	714,440
Cash	1,233,737	Other liabilities	100,000
Agents' balances	1,639,231	Total liabilities	\$9,711,234
Interest	161,327	Capital paid up	4,000,000
Other assets	114,573	Net surplus	4,849,128
Total	\$18,686,032	Total	\$18,560,362
Exp. dep. over lab.	125,670		

Underwriting profit, \$49,721; investment profit, \$988,781.

RISKS AND PREMIUMS: Fire risks in force (except perpetual), December 31, \$1,187,889,303; premiums thereon, \$12,411,54 marine and inland risks in force, \$161,136,603; premiums thereon, \$1,441,601; perpetual fire risks, \$30,411,407; deposit premiums thereon, \$785,467.

BUSINESS SINCE ORGANIZATION: Premiums received, \$21,452,225; losses paid, \$170,382,194; dividends declared, cash, \$2,753,575; stock, \$200,000.

REAL ESTATE OWNED: Consists of 8 properties, aggregating a book value \$235,300. The largest single property is the company's home office building, situated at 228-232 Walnut st. Phila., erected at \$180,000. The majority are brick and frame buildings, mostly dwellings, worth from \$2,800 to \$15,000. The net income last year aggregated \$8,528. No incumbrances on any of the properties.

MORTGAGE LOANS: There are 48 loans aggregating \$222,025 mostly on dwelling houses, ranging from \$150 to \$17,000, with bal. amounting to \$10,000 or more. The valuation of the mortgage properties was \$596,007, and the interest past due December 31, last, aggregated but \$80.

† Transacts both fire and marine business.

BONDS AND STOCKS OWNED:

BONDS.		Par Value.	Market Value.
Alberta, d. g. c., 1924, 4½%	.....	\$55,000	\$53,350
Atlanta, Ga., sc., reg., 1936, 4½%	.....	10,000	10,000
Colfax Co., N. M., sc. c., 1917, 6%	.....	100	100
Grant Co., N. M., r. c., 1932, 5%	.....	8,000	8,000
Jersey City, r. asmt. g. c., 1935, 4%	.....	100,000	98,000
Montreal, Can., d. b., 1939, 3½%	.....	45,000	38,250
Montreal, Can., d. c., 1925-44	.....	138,000	129,550
N. Y. Cy., sq. reg., 1952, 3½%	.....	100,000	85,000
N. Y. City, op. stk. g. c., 1915, 6%	.....	25,000	25,000
N. Y. City, op. stk. g. reg., 1936-56, 4%	.....	151,000	144,960
N. Y. City, op. stk. g. c., 1957, 4½%	.....	40,000	41,600
N. Y. City, op. stk. g. reg., 1957, 4%	.....	25,000	24,000
N. Y. City, op. stk. g. c., 1959, 4%	.....	100,000	96,000
N. Y. City, op. stk. g. reg., 1960, 4½%	.....	500,000	500,000
N. Y. City, rev. g. c., 1916-17, 6%	.....	25,000	25,000
N. C., ad. big. c., 1951, 4%	.....	25,000	24,500
Nova Scotia Pro., d. c., 1922, 3%	.....	10,000	9,000
Ottawa, d. c., 1928, 3½%	.....	30,000	25,800
Phila., Pa., loan, reg., 1939, 4%	.....	100,000	100,000
Portland, Ore., city hall c., 1922, 5%	.....	50,000	51,500
Raton, N. M., c., 1917, 6%	.....	200	200
Richmond, Va., reg., 1923, 4%	.....	53,000	51,410
San Miguel Co., N. M., ref. g. c., 1930, 4%	.....	12,000	11,520
Toronto, Can., ca. debt c., 1945, 3½%	.....	4,866	3,796
Toronto, Can., gn. ca. loan d. c., 1948, 4%	.....	20,000	18,200
Winnipeg, loc. imp. d. c., 1938, 4%	.....	30,000	27,300
Winnipeg, sch. d. c., 1941, 4%	.....	12,000	10,920
Ala. G. So. R.R., ext. 1 g. c., 1927, 5%	.....	50,000	50,000
A. T. & S. F. R.R., 1 & r. g. c., 1962, 4½%	.....	100,000	99,000
A. T. & S. F. Ry., cv. g. c., 1960, 4%	.....	100,000	96,000
A. T. & S. F. Ry., gn. g. c., 1965, 4%	.....	12,000	11,165
A. T. & S. F. Ry., trans. cont. short line 1 g. c., 1958, 4%	.....	38,000	33,060
Atlantic & Danv. Ry., 1 g. c., 1948, 4%	.....	35,000	30,450
Atlantic City R.R., ca. c. g., 1951, 4%	.....	75,000	69,000

INSURANCE COMPANY OF NORTH AMERICA, Philadelphia, Pa.—Continued.

BONDS AND STOCKS OWNED.—Cont.		BONDS AND STOCKS OWNED.—Cont.	
BONDS.—Cont.	Par Value.	BONDS.—Cont.	Par Value.
B. & O. eq. tr. g. c. gr., 1915-18, 4½%...	\$60,000	Pa. R.R., cv. g. c., 1915, 3½%.....	\$250,000
B. & O. R.R., cv. g. c., 1923, 4½%.....	200,000	Pa. & Erie R.R., gn. g. reg. gr., 1920, 5%...	150,000
B. & O. R.R., 1 g. c., 1948, 4½%.....	30,000	Phila., B. & W. R.R. g. c., 1919, 4%.....	35,000
B. & O. R.R., P. L. E. & W. Va., r. g. c., 1941, 4%.....	50,000	Phila., B. & W. R.R., g. c., 1923, 4%.....	5,000
B. & O. R.R., prior in. g. c., 1925, 3½%.....	200,000	Phila. Co., 1 col. tr. g. c., 1949, 5%.....	50,000
B. & O. R.R., Sw. Div., 1 g. c., 1925, 3½%.....	200,000	Phila. Rap. Trans., col. tr. c., 1957, 5%.....	100,000
Big Sandy Ry., 1 g. c., gr., 1944, 4%.....	25,000	Phila. R. T., eq. tr. ctf. g. c., 1915-20, 5%.....	30,000
B. & A. R.R., imp. c. gr., 1938, 5%.....	50,000	Phila. R. T., eq. tr. ctf. g. c., 1916-18, 5%.....	100,000
Canadian No. Ry., 1 c. gr., 1954, 4%.....	65,213	Phila. R. T., s. f. g., 1962, 5%.....	100,000
Canadian No. Ry., eq. 1 g. c., 1915-16, 4½%.....	50,000	Pitts. & Shaw R.R., 1 in. col. tr. g. c., 1917, 6%.....	100,000
Cent. Pac. Ry., th. st. 1 g. c., 1954, 4%.....	190,000	P. C. C. & St. L. Ry., ca. g. c., gr., 1940-42, 4½%.....	75,000
Chesa. & O. Ry., 1 ca. reg., 1939, 5%.....	50,000	P. C. C. & St. L. Ry., ca. g. c., 1945, 4%.....	59,000
Chesa. & O. Ry., gn. g. c., 1992, 4½%.....	75,000	P. C. C. & St. L. Ry., ca. g. c., gr., 1963, 4½%.....	100,000
Chi. & Erie R.R., 1 g. c., 1982, 5%.....	50,000	Pitts., McK. & Y. R.R., 2 c. gr., 1934, 6%.....	50,000
Chi. & Nwn. Ry., gn. g. c., 1987, 3½%.....	100,000	Portland Ry., 1 r. g. c., 1930, 5%.....	50,000
Chi. & W. Ind. R.R., m. n. g. c., 1915, 5%.....	100,000	Pub. Ser. Corp., N. J., col. g. c., 1916, 5%.....	100,000
Chi., B. & Q. R.R., gn. g. c., 1953, 4%.....	25,000	P. Ser. Cp., N. J., gn. m. s. f. g. c., 1959, 9%.....	100,000
Chi. Gt. W. R.R., 1 g. c., 1959, 4%.....	100,000	Reading Co. & Ph. & Reading Coal & Iron Co., gn. g. c., 1997, 4%.....	200,000
Chi., Ind. & So. R.R., g. c., gr., 1956, 4%.....	25,000	Rich-Wash. gr. col. tr. g. c., 1943, 4%.....	100,000
Chi., M. & P. S. Ry., 1 g. c., gr., 1949, 4%.....	100,000	Rio Gr. W. Ry., 1 ca. g. c., 1949, 4%.....	50,000
Chi., M. & St. P. Ry., cv. g. c., 1932, 4½%.....	50,000	St. L. & N. W. Ry., g. c. gr., 1948, 5%.....	150,000
Chi., R. I. & P. Ry., gn. g. c., 1983, 4%.....	100,000	St. P. & Dul. R.R., 1 ca. g. c., 1968, 4%.....	65,000
Chi., St. L. & N. O. R.R. eq. ctf. g. c., gr., 1924, 5%.....	100,000	St. P. & K. C. S. L. R.R., 1 g. c., 1941, 4½%.....	50,000
Chi., St. L. & N. O. R.R., ca. g. c. gr., 1951, 3½%.....	50,000	San Ant. & Ara. Pas. Ry., 1 ext. g. c., 1943, 4%.....	16,380
Choc. & Mem. R.R., 1 g. c., 1949, 5%.....	50,000	So. Pacific, eq. tr. ctf. g. c., 1920-23, 4½%.....	100,000
Choc., Okla. & Gif. R.R. ca. g. c., 1952, 5%.....	50,000	Southern Ry., dev. & gn. m. g. c., 1956, 4%.....	150,000
Choc., Okla. & G. R.R., gn. g. c., 1919, 5%.....	75,000	Southern Ry., eq. tr. g. c., 1918-19, 4½%.....	150,000
C. H. & D. Ry., gn. g. c., 1942, 5%.....	50,000	Steubenville Tc. & Lt., g. c. gr., 1926, 5%.....	25,000
Citizens St. R.R., 1 ca. g. c., 1933, 5%.....	50,000	Trm. R.R. Assn., St. L., 1 ca. g. c., 1944, 5%.....	50,000
C. C. & St. L. Ry., gn. g. c., 1993, 4%.....	50,000	Trm. R.R. Assn., St. L., gn. r. s. f. g. c., 1953, 4%.....	150,000
C. L. & W. Ry., ca. 1 g. c., 1933, 5%.....	50,000	Tr. Ht., Indpl. & E. Te., 1 r. g. c., 1945, 5%.....	100,000
C. L. & W. Ry., gn. g. c., 1936, 5%.....	25,000	Tex. & Pac. Ry., 1 g. c., 2000, 5%.....	50,000
C. S. L. Ry., 1 g. c., gr., 1961, 4½%.....	50,000	Tioga R.R., 1 ext. g. c., 1915, 5%.....	5,000
Con. Te. N. J., 1 g. c., 1933, 5%.....	100,000	Toronto Ry., g. n. c., 1916, 6%.....	100,000
Del. & Hud., 1 r. g. c., 1943, 4%.....	50,000	Virginia Ry., 1 g. c., 1962, 5%.....	100,000
Del. Riv. R.R. & Bg., 1 g. c., gr., 1936, 4%.....	50,000	West Shore R.R., 1 reg. gr., 2361, 4%.....	25,000
Dul., Miss. & G. R.R., gn. g. c., 1941, 5%.....	44,880	W. N. Y. & Pa. Ry., gn. g. c., 1943, 4%.....	100,000
E. Tenn. Va. & Ga. Ry., ca. g. c., 1956, 5%.....	60,000	Wilk. & E. Pitts. St. Ry., 1 g. c., 1929, 5%.....	50,000
Erie R.R., gn. in. g. c., 1996, 4%.....	100,000	Wilm. & No. R.R., gn. g. reg. gr., 1932, 5%.....	25,000
Erie R.R., prior in. g. c., 1996, 4%.....	94,000	Wilm. & Weld. R.R., gn. 1 g. c., 1935, 4%.....	50,000
Erie R.R., eq. tr. g. c. gr., 1915, 4½%.....	10,000	Zanesville Ry., Lt. & Pow., 1 ca. ext. g. c., 1924, 5%.....	50,000
Erie R.R., eq. tr. g. c., 1922, 5%.....	50,000	Amer. Can., d. g. c., 1928, 5%.....	50,000
Ga. Ry. & El., r. & imp. g. c., 1949, 5%.....	50,000	Amer. Loc., g. n. c., 1917, 5%.....	50,000
Ind. Col. & E. Te., gn. & r. g. c., 1926, 5%.....	100,000	Amer. Tl. & Tg., col. tr. c., 1929, 4%.....	150,000
I. I. & I. R.R., 1 g. c., 1950, 4%.....	50,000	Amer. Tl. & Tg., cv. g. c., 1933, 4½%.....	50,000
Indiap. Tc. & Term., 1 g. c., 1933, 5%.....	100,000	Armour & Co., r. c., 1 m. g. c., 1939, 4½%.....	50,000
Interb. Rpd. Trans., 1 g. c., 1966, 5%.....	100,000	Atlantic Mutual Ins., sc. 6%.....	4,780
J. F. & C. R.R., 1 g. c., gr., 1959, 4%.....	100,000	Baldwin Loco. Wks., 1 g. c., 1940, 5%.....	100,000
Jefferson R.R., 1 ext. g. c., 1919, 5%.....	50,000	Cambria Steel, n. g. c., 1917, 6%.....	100,000
J. C. Ho. & Pat. St. Ry., 1 g. c., 1949, 4%.....	50,000	Cons. Gas, El. Lt. & Pow., Balt., gn. g. c., 1935, 4½%.....	50,000
L. S. & M. S. Ry., d. g. c., 1928, 4%.....	150,000	Equitable Illg. Gas Lt., Pa., 1 c., 1928, 5%.....	104,000
Lehigh Val. R.R., annuity reg., 4½%.....	52,000	Erie & W. Transpntn., gr. g. c., 1923, 4%.....	100,000
Lehigh Val. R.R., col. tr. g. c., 1919, 4%.....	30,000	Harriab. Gas, 1 g. c., 1928, 5%.....	25,000
Lehigh Val. R.R., ca. reg., 1923, 4½%.....	50,000	Intern. Harv., g. n. c., 1915, 5%.....	100,000
Lehigh Val. R.R., ca. g. c., 2003, 4%.....	200,000	Lehigh Coal & Nav. ca. g. c., 1954, 4½%.....	100,000
Lehigh Val. R.R., 1 g. c., gr., 1940, 4½%.....	50,000	Lehigh Coal & Nav., gn. reg., 1924, 4½%.....	50,000
Lehigh Val. R.R., 1 g. reg. gr., 1941, 5%.....	40,000	Mfrs. Wat. Co., Pa., 1 s. f. g. c., 1939, 5%.....	48,000
Lehigh Val. Transit, 1 g. c., 1935, 4%.....	50,000	Met. El. (Reading), s. f. g. c., 1939, 5%.....	50,000
Long Is. R.R. Ferry, 1 g. c., 1922, 4½%.....	50,000	Minn. Gas Lt., gn. g. c., 1928, 5%.....	50,000
Long Is. R.R., r. g. c., 1949, 4%.....	100,000	Mortgage Bond, N. Y., g. c., 1966, 4%.....	25,000
L. & N. R.R., E. H. & N. Dv., 1 g. c., 1919, 6%.....	22,000	N. Y. Dock, g. c., 1951, 4%.....	16,500
L. & N. R.R., g. c., 1940, 4%.....	50,000	N. Y. Tel., gn. g. c., 1939, 4½%.....	100,000
McK. & B. V. R.R., 1 g. c., 1918, 6%.....	20,000	Omaha Gas, ca. g. c., 1917, 5%.....	25,000
Market St. Elev. P. Ry., 1 g. c., 1955, 4%.....	100,000	Pac. Gas & El., gn. r. g. c., 1942, 5%.....	50,000
Masn. El., col. n. g. c., 1915, 5%.....	50,000	Penn-Mary Coal, s. f. g. c., 1939, 5%.....	42,000
Metr. St. Ry., K. C., ca. g. c., 1913, 5%.....	50,000	Phila. El., stk. tr. ctf. g. reg., 1950, 4%.....	50,000
Midland Val. R.R., adj. m. g. c., 1953, 5%.....	67,500	Pitts. Ter. Wareh. & Tr., 1 r. g. c., 1936, 5%.....	50,000
Mid. Val. R.R., adj. m. g. c., 1953, 5%.....	32,000	Potomac El. Pow., 1 g. c., 1929, 5%.....	25,000
N. Y. & Erie R.R., ext. g. c., 1923, 4½%.....	30,000	Temple Coal, 1 col. s. f. g. c., 1924, 5%.....	50,000
N. Y. C. & H. R. R.R., B. & A. R.R., eq. tr. c., 1916-18, 4½%.....	100,000	U. S. Steel Corp., s. f. g. c., 1936, 5%.....	197,000
N. Y. Cent., eq. tr. g. c., 1915, 5%.....	100,000	Western Electric, g. c., 1922, 5%.....	25,000
N. Y. Cent., eq. tr. g. c., 1915, 4½%.....	100,000		
Norfolk & W. Ry., div. 1 in. & gn. c. gr., 1944, 4%.....	100,000		
Norfolk & W. Ry., 1 ca. g. c., 1996, 4%.....	150,000		
N. P. Ry., prior in., ry. ld. grant, g. c., 1997, 4%.....	100,000		
N. P. Ry. & Gt. N. Ry. joint g. c., 1921, 4%.....	50,000		
Oregon S. L. R.R., r. g. c., gr., 1929, 4%.....	150,000		
P. & N. Y. C. & R.R., ca. reg., 1939, 4%.....	50,000		
P. & Nwn. R.R., gn. c., 1930, 5%.....	35,000		
Pa. Co., g. loan, gr., 1916, 3½%.....	13,000		
Pa. gn. fr. eq. tr. g. ctf. reg. gr., 1915-18, 4%.....	240,000		
Pa. R.R., ca. g. c., 1948, 4%.....	50,000		

STOCKS.

STOCKS.	Par Value.	Market Value.
Atch., Top. & S. F. Ry.....	200,000	184.00
B. & O. R.R., p.....	6,852	8.86
B. & O. R.R., c.....	12,847	4.72
Chesa. & Q. Ry.....	150,000	60.00
Dela. & Bound Brook R.R.....	150,000	60.00
Lehigh Val. R. R.....	50,000	65.54
Norfolk & West. Ry., com.....	132,500	131.17
No. Pac. Ry.....	50,000	49.71
No. Pa. R. R.....	25,000	45.54

INSURANCE COMPANY OF NORTH AMERICA, Philadelphia, Pa.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
STOCKS.—Cont.			
Pa. R. R.	125,000	\$171,600	200,000
Phila. Te.	200,000	288,000	
Reading Co.	50,000	41,375	
So. Pac.	57,100	66,664	
Union Pac. R. R.	10,000	31,500	
Guar. Nat. Bk.	10,000	40,300	
Phila. Nat. Bk.	250,000	293,750	
Amer. Tl. & Tg.	150	150	
General Adj. Bur., N. Y.	16,500	4,125	
N. Y. Dock, p.	2,500	1,250	
Pac. Coast Sal. Assn.	2,000	120	
Phila. Bourse	750	420	
Phila. Bourse, p.	300	300	
So. Adj. Bur., Atlanta	1,000	1,000	
Underwriters' Salv., Chicago	1,000	1,000	
Underwriters' Salv., N. Y.	250,000	412,500	
United Gas Imp.	100	200	
West. Adj. & Insp., Chicago			

Totals (book value, \$15,518,299)..... \$15,234,740 *\$14,825,114

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: This company, together with the Fire Assn., guarantees the policies of the Phila. Underwriters. In 1550 capital increased from \$300,000 to \$500,000 by stock dividend of \$200,000; in 1874 to \$1,000,000; in 1876 to \$2,000,000; in 1882 to \$3,000,000, together with special surplus paid in \$1,000,000. Capital was increased in 1910 from \$3,000,000 to \$4,000,000, and \$500,000 additional surplus paid in. Confagration Amer. Chicago, 1871, about \$650,000; Boston, 1872, about \$800,000; Baltimore, 1904, \$507,292; San Francisco, 1906, \$3,315,000. Value of special deposits: Ga., \$10,000; N. M., \$19,440; Va., \$1,280; Can., \$377,041.

DIRECTORS: Edward H. Coates, John Story Jenks, Edward Hopkins, George H. McFadden, William D. Winsor, Henry W. Biddle, C. Hartman, Kuhn Nathan Trotter, Arthur E. Newbold, Charles Platt, Jr., Charles S. W. Packard, J. Percy Keating, Lincoln Coffey, G. Colaberey Purves, Bayard Henry, John W. Pepper, Eugene L. Edison, Edward S. Buckley, Jr., Rudolph Ellis, Wm. T. Elliott.

FIELD MEN AND TERRITORY COVERED: W. N. Johnson, Chicago, Ill., general agent; B. L. West & L. J. Braddock, assistant general agents, western department; Charles E. Parker & Co., Hartford, Conn., managers for New England States; Albert C. Shaffer, Phila., general agent for New York State; Dan B. Harris, manager, Ewell Gay and Robert N. Hughes, assistant managers, Atlanta, Ga., southern department, comprising N. C., S. C., Ga., Ala. Fla., Miss., La., Tex. and Ark.; J. C. Johnston, general agent and J. K. Hamilton, assistant general agent for Pacific department, San Francisco, Cal., comprising Cal., Ore., Wash., Mont., Nev., Ida., Ariz., Utah, B. C., Haw. Robert Hampson & Son, general agents for Can.; John M. Talbot & Co., New York City, managers Metropolitan district. Special agents, New York

State department: Robert H. Moore, Albany, N. Y. for western N. Y.; Percy W. Clark, Buffalo, for western N. Y. Western department State and special agents: L. J. Bonar, State agent, Mansfield, O. for O.; Edw. Tinsley, special agent, Mansfield, O., for eastern O.; R. P. Hare, Jr., special agent, Mansfield, O., for western O.; J. Fred Neill, State agent, Wheeling for W. Va.; W. H. Riker, State agent, and E. H. Shoemaker, special agent, Indianapolis for Ind.; E. E. Marion, State agent, Detroit for Mich.; George A. Arena, special agent, Chicago for northern Ill.; Frank Goldthorp, special agent, E. St. Louis for southern Ill.; Herbert Barr, Matton, Ill., for central Ill.; Frank A. Phillips, State agent, Milwaukee for Wis.; Caesar Thomas, State agent, Watertown for Tenn.; W. L. Ely, State agent, and A. H. Ely, special agent, Monroe City for Mo.; P. M. Rushmore, special agent, farm department, Carthage for Mo.; E. S. Phelps, State agent, Burlington for Ia.; R. W. Miller, special agent, Webster City for Ia.; W. D. Perry, State agent, and H. E. Stephens, special agent, Topeka for Kan.; Frank V. Gay, superintendent of farm agencies for Kan., Okla., Mo. and Col.; W. E. Costello, special agent for farm agencies, Clay Center for Kan.; Henry Ludlow, State agent, Oklahoma City for Okla.; S. J. Henderson, State agent, Omaha for Neb.; Milo D. Bassett, State agent, and F. A. Rummel, assistant State agent, Aberdeen, S. D. for N. D. and S. D.; Eaton & Eaton, general agents (farm), Fargo, N. D. for N. D.; A. R. Gress, State agent, Minneapolis for Minn.; Robert D. Brown, special agent, Minneapolis for Minn.; M. V. B. Benson, State agent, Denver for Colo., Wyo. and N. M.; H. E. Pate, special agent, Denver, Colo. for Colo., N. M. and Wyo. Southern department, special agents: Walker Taylor, State agent, Wilmington for N. C.; Robert Mable, Charlotte, N. C. for N. C. and S. C.; Richard N. Clark, Atlanta, Ga. for Ga.; W. C. Rader, Birmingham for Ala.; John A. Stephenson, Jacksonville for Fla.; Harry W. Crutcher, Dallas, Tex. for northern Tex.; R. B. Killough, Waco, Tex. for southern and middle Tex.; M. R. Ferguson, Little Rock, Ark., special agent for Ark.; Alonzo Church, New Orleans for La.; W. G. Sours, Jackson for Miss. New England department: George E. Macomber, Augusta for Me.; W. H. Winkley, Boston, Mass. for N. H., R. I. and Mass. east of Connecticut River; Lewis H. Small, Hartford, Conn. for Vt., Conn. and Mass. west of the Connecticut River; Walter E. Bliss, Portland, Ore. for western Wash., western Ore. and western B. C.; Gilman L. Camp, Billings, Mont. for Mont., southern Ida. and Utah; M. H. Reeves, Spokane, Wash. for eastern Wash.; eastern Ore., eastern B. C. and northern Ida.; W. F. Kuhl, Los Angeles, Cal. for southern Cal. and Ariz.; A. C. Wright, San Francisco for northern Cal. and for Southern Cal. and Arizona and Nev.; Geo. O. Smith, San Francisco for central Cal.; Robert Hampson & Son, Ltd., general agents for Canada, Montreal, Ont.; Percy S. Grant, special agent, Toronto for Ont.; E. G. Hampson, special agent, Montreal, Can., for Montreal, Quebec, Ont. W. E. Nutter, Winnipeg, Man., special agent for Man., Alberta and Sask. Special jurisdiction of home office: Pa., Del., N. Y., Md., N. J., Va., N. Y. City, L. I. and Boston: John Kremer, general agent, Special agents: Horace B. Jennings, Pa.; P. C. Burnham, Pitts., for W. Pa.; F. E. Benjamin, Harrisburg, Pa. for E. Pa.; G. Hope Miller, Newark, for N. J.; U. O. Michaels, State agent, Richmond, Va. for Md. and Va. The company operates in all the states and territories and in Canada.

INSURANCE COMPANY OF THE STATE OF PENNSYLVANIA, Philadelphia, Pa.†

President, Gustavus Remak, Jr.; Vice-Presidents, Waite Bliven, J. Henry Scattergood, H. W. Stephenson; Treasurer and Secretary, J. J. P. Rodgers. Organized, 1794.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$3,791,196	\$2,159,696	\$324,469	\$1,922,796	\$2,065,568	\$1,377,084	\$80,004	\$770,275	\$2,207,363	\$1,814,511
1913	4,008,683	2,358,020	347,774	2,154,560	2,294,541	1,413,703	64,161	874,656	2,399,238	1,439,179
1912	3,708,190	1,776,460	403,493	2,239,203	2,367,469	1,397,462	64,003	848,919	2,310,381	1,386,444
1911	3,716,952	2,156,084	439,770	2,214,729	2,311,696	1,773,695	48,000	847,518	2,669,211	1,606,960
1910	3,296,341	2,151,651	438,944	2,575,835	2,702,766	1,460,335	48,003	901,934	2,410,269	1,549,043

Unearned premiums include amount reclaimable on perpetual policies.

a Includes \$382,042 marine premiums and \$141,237 marine losses

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$367,000	Losses unpaid	\$269,437
Mortgage loans	67,900	Unearned prem.	1,636,471
Bonds and stocks	2,754,392	Perp. dep. reol.	522,378
Cash	149,209	Other liabilities	37,594
Agents' balances	417,734		
Interest and rents	26,480	Total liabilities	\$3,465,880
Other assets	8,581	Capital paid up	1,000,000
		Net surplus	325,216

Total assets..... \$3,791,196 Total..... \$3,791,196

Underwriting loss, \$97,295; investment profit, \$128,080.

† Pennsylvania standard.

RISKS AND PREMIUMS: Fire risks in force (except perpetuals), December 31, \$266,324,703; premiums thereon, \$2,949,890; marine and inland risks in force, \$13,838,175; premiums thereon, \$361,629; perpetual fire risks, \$23,589,005; deposit premiums thereon, \$573,820.

BUSINESS SINCE ORGANIZATION: Premiums received, \$7,362,223; losses paid, \$4,921,725; dividends declared, cash, \$185,000.

REAL ESTATE OWNED: Consists of 4 acres of building lots at Harberth, P. R. R., Mont. Co., Pa., carried at \$150, and lot containing 310 acres, with 6 stone and frame dwellings, barns, pumping stations, etc., Bradford Hills, Chester, Co., Pa., carried

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INSURANCE COMPANY OF THE STATE OF PA., Philadelphia, Pa.—Continued.

at \$20,000; also 11 Philadelphia, Pa. dwellings, carried at from \$3,000 to \$4,500 each; office building at 134-138 S. 4th st., Philadelphia, actual cost, \$172,000, carried at \$142,000; dwelling at 2555 W. 37th st., Denver, Colo., carried at book value, \$5,449, and office building at 308-310 Walnut st., Phila., valued at \$160,000. There are no incumbrances.

MORTGAGE LOANS: There are 23 loans, aggregating \$67,800, protected by improved real estate in Philadelphia and Narberth, Pa., valued at \$145,950. There was no interest past due on December 31, last. The company holds \$80,750 of insurance on the buildings.

BONDS AND STOCKS OWNED:

BONDS.	Par Value.	Market Value.
Atlanta, Gg., g. red., 1931, 3½%	\$10,000	\$8,800
Edmonton, Alb., d., 1943-44, 4½%	5,000	4,500
Ft. William, Ont., d., 1938, 4½%	5,000	4,650
N. Y., cp. g., 1957, 4½%	50,000	53,500
N. Y., cp. g., Newton, Crk. Bg., 1954, 3½%	45,000	39,600
N. Y., cp. g., R. T. cons. bs., 1953, 3½%	50,000	44,000
N. Y., cp. g., Sch. bs., 1953, 3½%	25,000	22,000
N. Y., cp. g., wat. sup., 1963, 4½%	30,000	32,400
N. Y., cs. g., Dock bs., 1924, 3½%	1,000	910
N. Y., cs. g., Dock bs., 1927, 3½%	5,000	4,700
N. Y., cp. g., Bryant Pl. Lib., 1952, 3½%	30,000	26,400
N. Y., cp. g., N. E. R. Bg., 1928, 3½%	5,000	4,700
N. Y., cp. g., 1962, 4½%	31,000	31,930
N. Y., cp. g., cs. of R. T. R. R., 1962, 4½%	12,000	12,360
N. Y., cp. g., wat. sup., 1962, 4½%	57,000	58,710
Newport News, Harbor Bs., 1953, 4½%	10,000	9,800
Ont., Prov., d., 1941, 4½%	5,000	4,750
Ottawa, Ont., d., 1932, 4½%	10,000	9,200
Portland, Ore., Dry Dock Bs., 1934, 4½%	2,000	1,840
Port Arthur, Ont., d., 1941, 4½%	9,700	8,342
Portage la Prairie, Man., d., 1927, 5½%	2,000	1,940
Richmond, Va., r. bs., 1940, 4½%	20,000	18,600
Richmond, Va., pub. imp. bs., 1943, 4½%	1,000	930
Toronto, gn. cn. in. d., 1948, 4½%	9,700	8,633
Toronto, gn. cn. in. d., 1948, 4½%	10,000	8,900
Vancouver, Hosp., 1944, 4½%	10,000	8,500
Victoria, B. C., 1922, 4½%	33,500	31,490
Victoria, B. C., d., 1961, 4½%	9,700	7,954
Va., Commwth. f. d., 1991, 3½%	23,000	19,320
Winnipeg, Man., d., 1918, 4½%	8,000	7,840
Winnipeg, Man., local imp. d., 1924, 4½%	8,000	7,520
Balt. & O. R. R., r. m. g., 1941, 4½%	50,000	43,500
Bloomfield St. Ry., 1 m., 1923, 5½%	10,000	10,000
Can. Pac. Ry., n. ctf., 1924, 6½%	10,000	10,400
C. & Gt. W. R. R., 1 m. g., 1959, 4½%	50,000	37,000
Chic. Ry., 1 m., g., 1927, 5½%	24,750	24,750
C. R. I. & P. Ry., 1 r. m. g., 1934, 4½%	50,000	36,000
Cho., Okla. & G. R. R., gn. m. g., 1919, 5½%	36,000	35,280
Cho., Okla. & Gulf R. R., cs. m. g., 1952, 5½%	25,000	24,750
Citizens St. F. R., Ind., cs. m. g., 1933, 5½%	23,000	25,000
Cleveland, Ak. & Col. Ry., 1 cs. m. g., 1940, 4½%	7,000	6,370
Colo. & So. Ry., r. & ext. m. g., 1935, 4½%	50,000	44,000
E. St. L. & Sub. col. tr. g., 1932, 5½%	50,000	47,000
El. & Peoples Tc. g., tr. ctf., 1945, 4½%	10,000	8,100
Joliet R. R., 1 cs. m. g., 1918, 5½%	15,000	14,700
Kan. Cy. So. Ry., 1 m. g., 1950, 3½%	50,000	34,500
Mo., Kan. & Tex. Ry., gn. m. s. f., g., 1936, 4½%	75,000	52,500
N. Y., Phila. & Nor. R. R., inc., m., 1939, 4½%	50,000	45,500
Nor. & W. Ry., 1 ln. & gn. m. g., 1944, 4½%	50,000	45,500
No. Pac. Gt. No. C., B. & Q., col. g., 1921, 4½%	50,000	48,500
Oma. & Coun. Bluffs St. Ry., 1 cs. m. g., 1928, 5½%	5,000	4,800
Rochester Ry., N. Y., 1 m. g., 1930, 5½%	50,000	51,000
Rochester Ry., N. Y., 2 m. g., 1933, 5½%	50,000	50,500
St. L. Mer. Bg. Tm. Ry., 1 m. g., 1930, 5½%	50,000	51,500
St. L. & San Fran. R. R., r. m. g., 1951, 4½%	75,000	47,250
So. Pac. cv. g., 1929, 4½%	50,000	43,000
So. Pac. cv., 1934, 5½%	20,000	20,400
So. Ry. div. ctf., 1919, 4½%	1,900	1,476
W. Md. R. R., 1 m. g., 1952, 4½%	25,000	15,500
Wil. & No. R. R., gn. m. g., 1932, 5½%	43,000	45,150
Wis. Cent. Ry., 1 gn. m. g., 1949, 4½%	50,000	44,000
Edison El. g. tr. ctf., 1946, 5½%	50,000	52,500
Int. Nav. of N. J., 1 m. g., 1929, 5½%	49,000	26,950
Lehigh Coal & Nav. cs. m. s. f., g., 1954, 4½%	15,000	15,000

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
Lehigh Val. Coal, 1 m. g., 1933, 5½%	\$8,000	\$8,400
Phil., 1 m. & col. tr., g., 1949, 5½%	25,000	24,750

STOCKS.

Atch. T. & S. F. Ry., com.	120,000	118,800
Atl. Cst. Line R. R.	41,000	49,610
Can. Pac. Ry.	50,000	98,000
Gt. No. Ry. Co., p.	80,000	99,200
Louis. & Nash. R. R.	30,000	41,400
Nor. & West. Ry.	200,000	208,000
Phila. Tc.	5,000	8,050
13th & 15th St. Passenger Ry.	5,450	26,705
So. Ry., p.	90,000	61,200
So. Pac.	100,000	96,000
Un. Pac. R. R., p.	30,000	24,900
Fidelity Tr. of Phil.	2,000	12,300
4th St. Nat. Bk. of Phila.	10,000	28,500
Girard Nat. Bk. of Phila.	10,000	33,500
Phila. Nat. Bk.	6,800	29,308
Ch. Gas. N. Y.	60,000	77,400
Gn. Adj. Bur., N. Y.	450	450
Golden Hill Bg., N. Y.	50,000	50,000
Lehigh Coal and Nav.	55,000	89,100
Phila. Bourse, com.	1,000	100
Phila. Bourse, p.	3,775	273
So. Adj. Bur.	500	500
Underw. Slvg., N. Y.	500	750
West. Adj. & Insp., Chi.	100	200
Totals (book value, \$2,946,804)	\$2,735,575	\$2,754,397

MISCELLANEOUS: This company has, with one exception, the oldest charter of any stock fire insurance company in the United States (the first charter being only four days older), having been chartered with perpetual rights, April 18, 1794. In 1911 the Spring Garden, the Union of Philadelphia and the Insurance Company of the State of Pennsylvania were consolidated under the charter and title of the Insurance Company of the State of Pennsylvania and in 1913 the American Fire Insurance Company of Philadelphia was merged with it. This company guarantees the policies of the Insurance Underwriters and the American Underwriters Agency; conflagration losses: Baltimore, 1904, \$154,690; San Francisco, 1906, \$332,208; Salem, Mass., 1914, \$73,680. Values of deposit: Can., \$114,219, Ga., \$8,800; Va., \$48,650.

DIRECTORS: George Vaux, Jr., Gustavus Remak, Jr., Richard L. Austin, Charles Fearon, John M. Shrigley, C. H. Krumbhaar, Jr., Lawrence T. Paul, Joseph S. Frelinghuysen, Clinton V. Meesele, J. Henry Scattergood, Percy H. Clark, C. E. Morgan, 3d., Laurence R. Bowden, Edward F. Beale, Waite Bliven.

FIELD MEN AND TERRITORY COVERED: Thomas H. Dooley, Boston, Mass., for New England; A. E. Church, Rochester, N. Y., for N. Y.; H. A. Furlong, Philadelphia, Pa., for N. J. and E. Pa.; E. W. Dreher, Pittsburg, Pa., for W. Pa. and W. Va.; H. G. Spaulding, Philadelphia, Pa., for Va., Del., Md. and D. C.; D. C. Morgan, Columbus, O., for O., Ky. and Tenn.; Morris W. White, Milwaukee, Wis., for Wis.; N. Ill.; O. H. Rudy, Indianapolis, Ind., for Ind. and S. Mich.; F. M. Yelton, Lansing, Mich., for N. Mich.; A. F. Miller, Belleville, Ill., for So. Ill.; E. P. Eppich, Denver, Colo., for Colo. and Mont.; John H. Burgard, Portland, Ore., for Ore.; Haas & McIntyre, Atlanta, Ga., for Ga.; David Huguenin, Charleston, S. C., for S. C.; W. N. Merritt, Fort Dodge, Ia., for Ia. and Neb.; G. A. Rydquist, Minneapolis, Minn., for Minn. and S. D.; Merrill & Braniff, Oklahoma City, Okla., for Okla.; Seeley & Co. San Francisco, Cal., for Cal.; Starkweather & Shepley, Providence, R. I., for R. I.; E. A. Strout & Co., Seattle, Wash., for Wash. and Alas.; Windsor & Co., Salt Lake City, Utah for Utah; Loren H. Green & Co., Jacksonville, Fla., for Fla.; Reed, Shaw & McNaught, Toronto, Ont., for Ont.; Prudential Trust Co., Vancouver, B. C., for B. C. and Sask.; O. G. Devenish & Co., Calgary, Alta., for Alta.; Notre Dame, Inv. Co., Winnipeg, Man. for Man.; John G. Simmonds, New York City, for suburban N. Y.; Leon Irwin & Co., New Orleans, La., for La.; Hay Bros. & Reynolds, Raleigh, N. C., for N. C.; The company does business in all the states of the United States except Ala., Ariz., Ark., Haw., Ida., Kan., Miss., Nev., N. M., N. D., Tex., Vt. and Wyo.

INTERNATIONAL INSURANCE COMPANY, New York.

President, Sumner Ballard; Secretary, Frits Kortzenbeutel. Organized, 1909.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$325,710		\$54,163	\$1,489,062	\$1,324,216	\$1,076,250	\$620,000	\$387,263	\$2,083,513	\$636,471
1913	2,803,161	\$2,420,451	632,078	3,700,740	3,882,341	2,408,878	20,000	1,412,811	3,836,689	2,453,651
1912	3,766,281	2,618,166	529,717	3,895,289	4,118,595	1,802,332	20,000	1,278,153	3,100,487	1,890,405
1911	2,772,447	1,977,493	285,009	2,920,533	3,011,176	1,569,900	20,000	864,984	2,454,884	1,605,847
1910	2,210,499	1,372,126	365,175	2,026,944	2,093,664	950,334	20,000	616,293	1,586,627	1,093,984

† Includes \$100,000 surplus paid in 1912 and \$50,000 in 1914.

—Excess of commissions paid over premium income.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds	\$311,100	Losses unpaid	\$68,547
Cash	11,632	Other liabilities	3,000
Interest	2,978		
		Total liabilities	\$71,547
		Capital paid up	200,000
		Net surplus	54,163
Total assets	\$325,710	Total	\$325,710

Underwriting loss, \$93,477; investment profit, \$85,563.

RISKS AND PREMIUMS in force, none.

BUSINESS SINCE ORGANIZATION: Premiums received, \$12,975,633; losses paid, \$7,946,790; dividends declared, cash, \$700,000.

BONDS OWNED:	Par Value.	Market Value.
Buffalo, N. Y., wat., reg., 1919, 4½%	\$35,000	\$35,700
Jefferson Co., N. Y., hwy. imp., reg., 1918, 5%	50,000	51,000
N. Y., N. Y., reg., 1915, 3½%	5,000	5,000
N. Y., N. Y., c., 1916, 3½%	10,000	9,900
N. Y., N. Y., reg., 1917, 3½%	10,000	9,900
N. Y., N. Y., Ft. Wash. Pk., reg., 1918, 3½%	45,000	44,100
Yackon, N. Y., rev., reg., 1916-17, 5%	50,000	50,750

BONDS OWNED.—Cont.		Par Value.	Market Value.
N. P., Gt. N. Jt., C.B. & Q. col., 1921, 4½%		\$25,000	\$24,250
Pa. R.R., eq. tr., 1915, 4½%		30,000	30,000
So. Ry., eq., 1918, 5%		50,000	50,500
Totals (book value, \$309,037)		\$310,000	\$311,100

MISCELLANEOUS: This company was organized March 6, 1909, and confined its transactions to fire reinsurance exclusively, but ceased writing and paid \$2,943,254 of return premiums in 1914. The company as of April 1, 1914, cancelled its entire business which was subsequently placed by its former companies with the Hamburg Assurance, Hamburg. It writes now but a very small business which is simultaneously reinsured in the Hamburg. It commenced business with a paid-up capital of \$200,000 and an initial surplus of \$50,000. During 1909 the stockholders voluntarily contributed an additional surplus of \$335,000, in 1912, \$100,000, and in 1914, \$50,000. Of its stock, \$193,500 is owned by Versicherungs Gesellschaft, Hamburg.

DIRECTORS: William Schall, Jr., Edmund Pavenstedt, William G. Wilcox, Rudolph Keppler, Hugo C. Buchenberger, Frans F. Mutsenbecher, William Y. Wemple, Herman Mutsenbecher, Ernst Behre, Paul C. Schnitzler, Sumner Ballard, Frits Kortzenbeutel, Carl Muller.

INTERNATIONAL FIRE INSURANCE COMPANY, Dallas, Tex.

President, Geo. W. Jalonick; Active Vice-President, I. Jalonick; Secretary, A. F. Pillet. Organized, 1909.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$329,263	\$62,834	\$52,232	\$89,855	\$108,726	\$45,332	\$10,000	\$39,165	\$64,497	\$59,228
1913	329,840	62,811	49,702	95,940	111,810	58,249		43,726	101,975	44,967
1912	316,649	56,850	37,319	76,644	138,925	72,735		41,812	114,547	65,344
1911	322,193	65,467	35,440	117,971	140,567	112,390		82,481	194,871	117,405
1910	370,902	72,460	45,043	133,746	163,961	53,393	9,276	62,300	125,529	72,185

* Includes \$116,860 surplus paid in 1909 and \$14,575 in 1910.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$5,033	Losses unpaid	\$31,034
Mortgage loans	184,878	Unearned premiums	62,834
Bonds and stocks	88,720	Other liabilities	3,163
Cash	33,067		
Agents' balances	19,744	Total liabilities	\$87,031
Interest and rents	7,821	Capital paid up	200,000
		Net surplus	52,232
Total assets	\$339,263	Total	\$339,263

Underwriting loss, \$2,007; investment profit, \$14,726.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,977,979; premiums thereon, \$123,191.

BUSINESS SINCE ORGANIZATION: Premiums received, \$33,985; losses paid, \$340,221; dividends declared, cash, \$10,000.

REAL ESTATE OWNED: The company owns 640 acres of improved land in Nolan Co., Tex. The market value is \$12,500. owned at book value, \$5,033. Net rents received last year, \$5,033.

MORTGAGE LOANS: There are 28 loans, aggregating \$184,878, protected by improved farm and city real estate in Texas, valued at \$657,609. There was \$1,733 of interest past due on Dec. 31, last. Company holds \$179,000 of fire and tornado insurance on the mortgaged buildings.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
Smith Co., C. H., 1948, 4½%	\$1,000	\$ 940
Pt. Worth, imp., 1950, 5%	50,000	47,500

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Citizens Nat. Bk., Stamford, Tex.		\$1,500	\$2,340
Merch. & Farmers State Bk., Wthd, Tex.		10,000	11,000
Western Nat. Bk., Ft. Worth, Tex.		18,000	25,740
First Nat. Bk., Comanche, Tex.		1,000	1,200
Totals		\$81,500	\$88,720

MISCELLANEOUS: This company was organized in 1909 and commenced business with a paid-up capital of \$216,700 and an initial cash surplus of \$116,860. Capital increased in 1910 to \$231,900 and \$14,575 additional surplus paid in. Capital reduced one-seventh Jan. 16, 1912, and then stock sold to make capital \$200,000, the new stock selling for \$116. In 1915, Geo. W. and I. Jalonick, owners of the Austin and the Commonwealth of Dallas, obtained control of the International and transferred the home office from Fort Worth to Dallas.

DIRECTORS: S. R. Crawford, Geo. W. Jalonick, E. E. Whitney, J. P. Crouch, R. L. Heflin, J. S. Heard, Edgar Flippin, J. C. Duke, I. Jalonick, A. F. Pillet, G. G. Wright, J. B. Adoue, I. T. Moore.

FIELD MEN AND TERRITORY COVERED: J. H. Anke's, agent, and Thos. Edwards, San Francisco, Cal., general agents for Cal., E. S. Kean, Jr., W. H. Quirk, J. T. Robertson, V. Davis, H. F. Hines and Henry George, special agents for Tex. The company operates in Cal. and Tex.

INTER-STATE FIRE INSURANCE COMPANY, Detroit, Mich.

President, C. A. Palmer; Vice-President and Underwriting Manager, S. D. Andrus; Secretary, W. A. Eldridge. Organized, 1913.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$221,814	\$8,809	\$40,533	\$13,828	\$15,177	\$782	.....	\$20,864	\$21,646	\$1,422
<div> <div> ASSETS, Dec. 31, 1914. </div> <div> LIABILITIES, Dec. 31, 1914. </div> <div> BONDS OWNED: </div> </div>										
<div> <div> Mortgage loans..... \$177,140 Bonds and stocks..... 24,146 Cash..... 11,417 Agents' balances..... 5,794 Interest and rents... 3,317 </div> <div> Losses unpaid..... \$650 Unearned prems..... 8,809 Other liabilities..... 1,327 </div> <div> Ecorse, Mich., sr. ext..... \$2,000 Detroit, 1 m. real est. g..... 22,146 </div> </div>										
<div> <div> Total assets..... \$221,814 </div> <div> Total liabilities..... \$10,786 Capital paid up..... 170,495 Net surplus..... 40,533 </div> <div> Totals..... \$24,146 </div> </div>										
<div> <div> Total..... \$221,814 </div> <div> Total..... \$221,814 </div> <div> </div> </div>										

Underwriting loss, \$7,818; investment profit, \$1,350.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,219,174; premiums thereon, \$13,828.

BUSINESS SINCE ORGANIZATION: Premiums received, \$13,828; losses paid, \$782.

MORTGAGE LOANS: There are 48 loans aggregating \$177,140, all of which are first mortgages on improved property located in Michigan, principally in Detroit. Loans in all cases not more than 50% of value. There was \$364 of interest past due on Dec. 31, last. The company holds ample fire insurance on the mortgaged buildings.

MISCELLANEOUS: This company was incorporated with a capital of \$500,000 and commenced business about July 1, 1914.

DIRECTORS: C. A. Palmer, W. A. Eldridge, C. O. Davis, S. D. Andrus, Leo K. Hennes, Harmon R. Vernor, W. W. Wright, Gustav Dietrich, Frank G. Row, Dr. Roman Sadowksi, J. R. Santo, W. T. Dodge, Gard. T. Sands, J. H. Beckton, W. A. Vance, Thomas Bennett, Charles Clarage, C. W. Liken, W. E. Moss, F. H. Aldrich.

FIELD MEN AND TERRITORY COVERED: David D. West, Grand Rapids, Mich., special agent for Mich. The company operates in Mich. only.

IOWA MANUFACTURERS INSURANCE COMPANY, Waterloo, Iowa.

President, W. W. Marsh; Secretary, Hermann Miller. Organized, 1905.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$200,262	\$87,264	\$11,907	\$36,594	\$100,580	\$49,583	.....	\$49,628	\$99,211	\$50,059
1913	199,138	83,617	14,756	89,883	98,782	46,004	.....	51,076	97,080	45,667
1912	197,466	73,985	22,404	97,402	105,675	44,231	.....	52,285	96,496	42,555
1911	188,561	58,115	26,968	76,237	84,587	29,052	3,000	44,607	76,659	30,173
1910	181,924	68,351	11,498	67,903	75,211	30,940	1,500	37,697	70,137	30,940
<div> <div> ASSETS, Dec. 31, 1914. </div> <div> LIABILITIES, Dec. 31, 1914. </div> <div> MORTGAGE LOANS: </div> </div>										
<div> <div> Real estate..... \$14,000 Mortgage loans..... 110,600 Waterloo, Ia., Cy. 6% 1,793 Cash..... 53,753 Agents' balances..... 9,548 Interest and rents... 2,038 Other assets..... 8,530 </div> <div> Losses unpaid..... \$686 Unearned prems..... 87,264 Other liabilities..... 405 </div> <div> </div> </div>										
<div> <div> Total assets..... \$200,262 </div> <div> Total liabilities..... \$88,355 Capital paid up..... 100,000 Net surplus..... 11,907 </div> <div> </div> </div>										
<div> <div> Total..... \$200,262 </div> <div> Total..... \$200,262 </div> <div> </div> </div>										

Underwriting loss, \$11,607; investment profit, \$8,758.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$20,478,686; premiums thereon, \$218,160.

BUSINESS SINCE ORGANIZATION: Premiums received, \$604,575; losses paid, \$256,650; dividends declared, cash, \$4,500.

REAL ESTATE OWNED: Purchase price \$14,000. Valued now at \$28,000.

MORTGAGE LOANS: There are 20 mortgage loans aggregating \$110,600, protected by Iowa farm lands valued at \$334,050. No interest past due December 31, last. The company holds \$43,725 of fire insurance on the buildings.

MISCELLANEOUS: Stockholders contributed \$10,000 to surplus in 1906, and in 1909 capital was increased from \$25,000 paid up to \$100,000, and \$40,000 realized as premium on new stock sold.

DIRECTORS: W. W. Marsh, C. L. Kingsley, Thos. B. Carson, F. H. Keys, Robert Paterson, Wm. Loudon, George E. Lichty, Robert S. Sinclair, A. H. Holt, Robert Palmer, C. W. Mullaa, Geo. N. Garretson, J. T. Sullivan, Henry Weis, J. E. Sedgwick, H. V. Myers, N. Northey, Herman Miller, D. Turney, J. C. Bauch, E. H. Headford.

FIELD MEN AND TERRITORY COVERED: H. V. Meyers, State agent for Ia.; J. C. Bauch, special agent for W. Ia. and O. O. Wolfe, special agent for Eastern Ia. The company operates in Ia.

KENTUCKY FIRE INSURANCE COMPANY, Covington, Ky.

It is understood that the Kentucky Fire of Covington, Ky., which was organized in 1914 as an assessment company, will file papers for incorporation as a stock company. It is to have a capital of \$100,000, of which \$55,000 is already subscribed. The officers say that the rest of the stock has been practically placed. Its surplus will be \$40,000. The last \$45,000 of the company's stock will be sold at \$20, the par value being \$10; this will furnish

the surplus. This company, according to its officers, has \$1,334,000 of insurance in force, and has 162 agents in Kentucky. Its surplus is now about \$18,000, which is expected to be enough to take care of the reinsurance reserve when the assessment company reinsures in the stock company. It is planning to enter Ohio and Indiana as soon as all the capital stock is subscribed.

KNICKERBOCKER INSURANCE COMPANY, New York.

President, Chas. E. Peck; Secretary, A. Leroy Eustace. Organized, 1913.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$440,976	\$33,340	\$149,735	\$72,625	\$38,917	\$24,520	\$15,000	\$17,547	\$57,067	\$27,439
1913	403,736	10,943	139,799	23,739	32,969	519	.....	7,808	8,327	2,116

Assets, Dec. 31, 1914.

	Value.
Bonds	\$381,700
Cash	34,688
Agents' balances	19,809
Interest	4,779

LIABILITIES, Dec. 31, 1914.

	Value.
Losses unpaid	\$4,619
Unearned premiums	33,340
Other liabilities	3,282
Total liabilities	\$41,241
Capital paid up	250,000
Net surplus	149,735

Total assets \$440,976 Total \$440,976

Underwriting profit, \$3,244; investment profit, \$21,691.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$241,706; premiums thereon, \$63,523.

BUSINESS SINCE ORGANIZATION: Premiums received, \$64,364; losses paid, \$24,937; dividends declared, cash, \$15,000.

BONDS OWNED:

	Par Value.	Market Value.
N. Y. Cy. co., 1918-20, 3½%	\$210,000	\$205,800
Union Pac. co., 1927, 4%	20,000	18,200
So. Bell Tel. & Tel., 1941, 5%	10,000	9,800
Purdum Ry. 1 m., 1930, 5%	10,000	10,100
Chv. El. Illum. 1 m., 1939, 5%	10,000	10,200
Chi. Ry., 1 m., 1927, 5%	20,000	19,800

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Kanawha & Mich. Ry. 2 m., 1927, 5%	\$10,000	\$9,900
Amer. Tel. & Tel., 1929, 4%	20,000	17,800
Internat'l & Gt. No., 1919, 6%	10,000	10,000
So. Pac. co., 1919-20, 4½%	20,000	20,000
Pa. Gn. Fgnt. eq., 1920, 4½%	10,000	10,100
B. & O. eq., 1918-19, 4½%	20,000	20,000
Chi. & Nwn. eq., 1918, 4½%	20,000	20,000

Totals (book value, \$376,994) \$390,000 \$381,700

MISCELLANEOUS: This company was formed early in 1913 by parties identified with the well-known insurance firm of Wilcox, Peck & Hughes. Its capital is \$250,000, and its initial surplus was \$125,000.

DIRECTORS: Chas. E. Peck, R. T. Marshall, P. S. Mallett, H. N. Townsend, C. D. Franks, R. Van Iderstine, J. C. Shaffer, E. B. Walker, S. G. Wilcox, William G. Wilcox, Victor R. Metz, A. Leroy Eustace.

FIELD MEN AND TERRITORY COVERED: The company operates in Ill., N. J., N. Y., O. and Pa. E. P. Lenihan, Rockefeller Bldg., Cleveland, O., State agent for O.; Robert Van Arsdale, Insurance Exchange, Chicago, State agent for Ill.

LAFAYETTE FIRE INSURANCE COMPANY, New Orleans, La.

President, John X. Wegmann; Secretary, Charles A. Gordon. Organized, 1869.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$506,913	\$46,593	\$295,096	\$40,990	\$64,986	\$12,888	\$22,270	\$22,269	\$57,427	\$15,379
1913	496,722	48,468	286,035	45,995	20,542	18,896	22,558	16,504	57,958	18,740
1912	493,295	50,846	280,172	53,313	73,494	11,336	22,693	19,384	53,413	8,705
1911	478,298	50,564	261,570	54,902	73,885	21,844	22,500	15,402	59,746	24,539
1910	466,530	52,027	252,473	50,905	70,844	21,817	19,476	19,002	60,295	20,164

Assets, Dec. 31, 1914.

	Value.
Real estate	\$5,000
Mortgage loans	84,220
Bonds and stocks	404,660
Cash	979
Agents' balances	12,064

LIABILITIES, Dec. 31, 1914.

	Value.
Losses unpaid	\$2,775
Unearned premiums	46,593
Dividends unpaid	12,449
Total liabilities	\$61,817
Capital paid up	150,000
Net surplus	295,096

Total assets \$506,913 Total \$506,913

RISKS AND PREMIUMS: Fire risks in force, December 31, \$458,566; premiums thereon, \$93,913.

BUSINESS SINCE ORGANIZATION: Premiums received, \$227,951; losses paid, \$815,543; dividends declared, cash, \$735,000; stock, \$103,500.

REAL ESTATE OWNED: Consists of building situated 2123 Magazine st., New Orleans. Taxes for 1914 were \$366. Book value, \$6,500; market value, \$5,000.

MORTGAGE LOANS: There are 39 loans, aggregating \$84,220, all secured by first mortgage on improved real estate in New Orleans worth \$211,900. There was no interest past due on December 31, inst. The company holds \$161,415 of fire insurance on the mortgaged buildings.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
N. O. 4½%	\$42,000	\$39,060
N. O. 7½%	18,000	20,700
N. O. Pub. Imp.	25,000	22,750
N. O. Pres.	14,000	37,800

BONDS AND STOCKS OWNED.—Cont.

	Par Value.	Market Value.
Louisiana st.	\$50,000	\$50,000
Atchafalaya Levee	10,000	10,000
Bossier Levee	20,000	20,000
Caddo Levee	25,000	25,500
Lafourche Levee	45,000	45,900
Pontchartrain Levee "D"	50,000	57,500
R. R. Atch. & B. B. Levee	10,000	10,000
Canal and Claiborne R. R.	15,000	17,250
Edison El. Co.	26,000	26,000
N. O. and Carrollton R. R.	17,000	17,000

Stocks.

	Par Value.	Market Value.
Commercial-Germania T. & S. B.	1,000	1,900
Dixie Homestead Assn.	1,000	1,000
Eureka Homestead Soc.	300	300
Hibernia Homestead Assn.	1,000	1,000
Third Dis. Bldg. Assn.	1,000	1,000

Totals \$371,300 \$404,660

MISCELLANEOUS: Capital has been increased from \$46,500 to \$150,000 by means of stock dividends. Company operates only in La.

DIRECTORS: Joseph Baumann, Henry P. Dart, Geo. M. Faivre, Adam Gambel, Walter H. Hoffmann, John W. Joachim, T. J. Kohl, Christian Miller, F. W. Gras, A. Regel, Louis Schuler, A. Norton Skardon, R. Theum, Joseph Tranchina, John X. Wegman, Samuel Wilson, Jacob Young, John T. Holmes, Henry P. Pfeiffer.

LIVERPOOL & LONDON & GLOBE INSURANCE COMPANY OF NEW YORK, New York, N. Y.

President, H. W. Eaton; Secretary, G. W. Hoyt; Assistant Secretaries, J. B. Kramer, T. A. Weed. Organized, 1897.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,168,654	\$320,947	\$567,980	*\$340,715	\$376,217	*\$163,659	\$20,000	\$96,506	\$280,165	\$188,018
1913	1,080,710	282,207	548,077	295,674	330,770	115,844	15,000	73,402	204,246	115,387
1912	969,179	236,215	459,027	235,124	268,015	137,100	15,000	64,515	216,615	129,048
1911	938,663	232,333	429,908	226,850	256,343	117,539	15,000	71,047	203,586	119,113
1910	881,159	227,258	379,034	221,738	249,030	111,555	15,000	68,091	194,646	113,685

* Includes \$45,811 marine premiums and \$18,143 marine losses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks...	\$819,460	Losses unpaid.....	\$55,540
Cash.....	183,300	Unearned premiums.....	320,947
Agents' balances.....	158,981	Other liabilities.....	24,187
Interest.....	6,913		
		Total liabilities.....	\$400,674
		Capital paid up.....	200,000
		Net surplus.....	567,980
Total assets.....	\$1,168,654	Total.....	\$1,168,654

Underwriting profit, \$2,725; investment profit, \$37,178.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$53,373,118; premiums thereon, \$564,346; marine and inland risks in force, \$1,669,374; premiums thereon, \$35,477.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,206,732; losses paid, \$1,535,159; dividends declared, cash, \$149,825.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Ga. State, 1930, 3½%.....		\$10,000	\$9,600
N. Y. City, ca., 1922, 3½%.....		195,000	187,200
N. Y. State canal, 1957, 3%.....		50,000	49,500
Atl. & C. A. L. Ry., 1944, 4½%.....		35,000	34,300
B. & O. R.R., cv., 1933, 4½%.....		6,000	5,520
C. B. & Q. R.R., jt. 1921, 4%.....		15,000	14,550
C. M. & St. P. cv., 1932, 4½%.....		6,000	6,120
Ill. Cent. r., 1955, 4%.....		36,000	32,200
Lehigh Coal & Nav., ca. m., 1954, 4½%.....		50,000	50,000
N. & W. R.R., 1 ca. m., 1906, 4%.....		25,000	24,000

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
N. & W. R.R., cv., 1932, 4%.....		\$6,000	\$6,300
N. & W. R.R., cv., 1938, 4½%.....		7,000	7,350
So. Ry. 1 ca. m., 1904, 5%.....		50,000	52,500
So. Ry. scrip div. of., 1919, 4%.....		1,000	820
W., S. & S. R.R., 1 m., 1960, 4%.....		30,000	26,100
Stocks.			
A., T. & S. F., p.....	100,000		103,000
B. & O. R.R., p.....	20,000		16,200
Chi. Mil. & St. P., p.....	40,000		53,600
C., C. & St. L. R.R., p.....	40,000		20,000
Ill. C. R.R.....	30,000		25,500
Norfolk & W. R.R., p.....	50,000		44,500
So. Ry., p.....	50,000		34,000
Un. Pac. R.R., p.....	20,000		16,600
Totals (book value, \$992,181).....	\$871,000		\$819,460

MISCELLANEOUS: This company is controlled by interests identified with the Liverpool and London and Globe of Liverpool, Ltd. Value of special deposit in Georgia, \$9,600.

DIRECTORS: Henry W. Eaton, J. A. Stewart, Walter C. Hubbard, T. M. Brown, Edmund D. Randolph, A. G. Dent.

FIELD MEN AND TERRITORY COVERED: W. S. Warren, general agent, Chicago, Ill.; Clarence F. Low, general agent, New Orleans, La.; R. P. Babj, general agent, San Francisco, Cal. The company operates in Ala., Colo., Conn., Fla., Ga., Ill., Ia., Kan., La., Mich., Minn., Miss., Mont., Neb., N. M., N. J., N. Y., N. D., Pa., S. D., Tex., Utah, Wis. and Wyo.

LOUISIANA FIRE INSURANCE COMPANY, Baton Rouge, La.

President, O. B. Steele; Secretary, R. N. Ross. Organized, 1891. Paid-up capital, \$72,240.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$68,588		—\$3,674		\$7,391		\$3,655	\$3,801	\$7,456	
1913	65,280		65,260		7,333	\$21		7,375	7,396	
1912	65,421		65,420		7,158				7,225	
1911	63,861		46,809		7,351		3,473	3,803	7,276	
1910	61,959		44,909		7,831		3,961	3,934	7,895	

—Impairment.

ASSETS, DEC. 31, 1914: Real estate, \$30,677; mortgage loans, \$9,000; bonds and stocks, \$19,026; collateral loans, \$2,878; cash, \$4,480; other assets, \$2,527; total assets, \$68,588. Liabilities: Unpaid dividends, \$22; capital paid up, \$72,240; impairment, \$3,674.

BUSINESS SINCE ORGANIZATION: Dividends declared, cash, \$30,672; stock, \$56,904.

MORTGAGE LOANS: There are 14 loans amounting to \$30,677 on property in the city of Baton Rouge, La., valued at \$87,000. The company holds \$48,000 on the mortgaged buildings. No interest past due on December 31, last.

COLLATERAL LOANS: The company holds loans on bank stocks and bonds, valued at \$26,427, amounting to \$19,026.

BONDS OWNED:		Market Value.
Baton Rouge Imp.....		\$5.0
Istrosma Hotel Co.....		1.0
Baton Rouge Wat. Wks. Co.....		3.0
Total.....		\$9.0

MISCELLANEOUS: The company made a reinsurance treaty in 1907 with a large American stock fire insurance company which all the Louisiana's liabilities were eliminated and it retained its identity, continuing business as theretofore but without any liability for unearned premiums.

DIRECTORS: J. D. Fisher, O. B. Steele, C. C. Bird, Joe Gebelin, S. I. Raymond, T. Jones Cross, W. P. Connell, J. F.bacher, H. H. Howell, W. B. Burke, A. Doherty, Jr., J. N. Thon, J. A. Caruthers, King H. Knox, H. C. Paulsen.

FIELD MEN AND TERRITORY COVERED: Bird & I of Baton Rouge are general agents for La., the only state in which the company operates.

LUMBERMENS INSURANCE COMPANY, Philadelphia, Pa.

President, Lewis Davis; Vice-President and Secretary, Oliver H. Hill. Organized, 1873.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,805,252	\$453,023	\$1,174,998	\$320,681	\$309,555	\$107,638	\$45,000	\$107,151	\$259,789	\$107,602
1913	1,880,609	461,791	1,112,093	243,602	325,819	107,961	45,000	115,087	268,048	112,298
1912	1,835,169	456,791	1,107,867	240,651	321,322	135,310	45,000	113,357	293,667	123,072
1911	1,821,277	452,238	1,081,640	243,856	327,263	130,415	45,000	115,139	290,554	135,380
1910	1,782,510	482,311	1,015,756	264,940	340,754	101,844	40,000	119,619	261,463	101,542

Unearned premiums include amount reclaimable on perpetual policies.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$63,920	Losses unpaid.....	\$20,303
Mortgage loans.....	116,650	Unearned premis.....	279,835
Bonds and stocks.....	1,604,552	Perp. dep. recl.....	173,188
Collateral loans.....	5,000	Other liabilities.....	6,928
Cash.....	54,792		
Agents' balances.....	35,715	Total liabilities.....	\$480,254
Interest.....	24,623	Capital paid up.....	250,000
		Net surplus.....	1,174,998
Total assets.....	\$1,905,252	Total.....	\$1,905,252

Underwriting profit, \$15,861; investment profit, \$92,044.

RISKS AND PREMIUMS: Fire risks in force (except perpetual), December 31, \$52,981,186; premiums thereon, \$529,569; perpetual fire risks, \$7,310,649; deposit premiums thereon, \$192,431.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,098,371; losses paid, \$2,972,992; dividends declared, cash, \$906,000.

REAL ESTATE OWNED: The principal property is the company's home office building at 427 Walnut st., Philadelphia. This is 4 stories in front and 3 in back; its book value is \$42,502, and it is carried at \$40,000. There are 3 other Philadelphia properties (dwellings), 5 in St. Paul, including stores, dwellings, lots and stables; 2 dwellings in Denver; a dwelling in South Minneapolis, and 1 in Omaha, Neb. The book value of none of these properties exceeds \$5,227, and in most instances is much smaller, and in many cases they are carried much below book value. There are no incumbrances.

MORTGAGE LOANS: None of the 28 loans exceeds \$17,000 in amount, the securities being located in Philadelphia, Duluth, Minneapolis, St. Paul, Oak Park, Ill., Omaha, Austin, Ill., and Traver Co., Minn. The total loans, \$116,650, are secured by properties valued at \$282,400, and no interest is overdue.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Amer. Pipe Mfg. Co., stk.....		\$2,880	
West Chester St. Ry. Co., 1 m.....		1,600	\$5,000
Fidelity Dep., stk.....		1,480	
Total.....		\$5,960	\$5,000

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
N. Y. Cy., 1956, 4%.....		\$25,000	\$23,750
Upper Darby Twp., 1922, 5%.....		11,000	11,000
Allegheny Pa. st. dist., 1935, 4%.....		20,000	19,200
Altoona, N. Y., 1942, 4 1/2%.....		25,000	25,000
Allegheny Co., Pa., 1933, 4%.....		25,000	24,000
Allegheny Co., Pa., 1934, 4%.....		25,000	24,000
Altoona, Pa., 1934, 4%.....		25,000	24,000
N. Y. Cy., 1953, 3 1/2%.....		25,000	21,000
Bellevue, Pa., 1933-35, 4 1/2%.....		25,000	25,500
Duluth, Minn., 1927, 4 1/2%.....		15,000	15,000
Windsor, N. J., 1938, 4 1/2%.....		25,000	25,000
Los Angeles, Cal., 1950, 4 1/2%.....		25,000	25,000
Shaw St. R. R., 1939, 5%.....		25,000	22,500
At. Co. El. R. R., 1945, 5%.....		20,000	18,400
Amana, Elgin & Chi. Ry., 1 m., 1941, 5%.....		25,000	24,750
Berry & 7th Ave. R. R., 1 m., 1943, 5%.....		10,000	9,800
B. & O. R. R., pr. ln., 1925, 3 1/2%.....		15,000	13,350
B. & O. R. R., equip., 1916-23, 4 1/2%.....		25,000	23,950
Bklyn Union El. R. R., gr., 1950, 5%.....		20,000	19,800
Chi. St. L. & Pitts. R. R., 1932, 5%.....		18,000	18,720
Camden & Ches. R. R., 1941, 5%.....		12,000	12,480
Consolidation G. & W., 1929, 4%.....		5,000	4,750
Cent. Pac. R. R., gr., 1929, 3 1/2%.....		25,000	21,750
Cent. of Ga. Ry., ca., 1948, 5%.....		25,000	25,000
Ch. & West Ind. R. R., ca., 1952, 4%.....		25,000	20,000
C. R. I. & P. Ry., 1917, 4%.....		20,000	18,400

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Cy. Lt. & To., Sedalia, Mo., 1952, 5%.....		\$3,500	\$2,625
Cleve. & Pitts. gn. m., gr., 1948, 3 1/2%.....		10,000	8,500
Chi. Ry., 1927, 5%.....		25,000	23,750
Connellsville Wat., gr., 1939, 5%.....		25,000	21,250
Dan., Urb. & Champ. Ry., 1923, 5%.....		25,000	23,750
Duluth St. Ry., 1930, 5%.....		25,000	24,500
Det. & Mack. Ry., 1935, 4%.....		5,000	4,150
Equitable Ill. Gas Lt., Phila., 1928, 5%.....		20,000	21,000
El. & Peop. st. tr. cfs., 1945, 4%.....		25,000	19,500
Edison El. Lt., st. tr. cfs., 1946, 5%.....		5,000	5,250
Edison El. Ill., Bklyn., 1939, 4%.....		20,000	17,400
Erie R. R., pr. ln., 1906, 4%.....		25,000	20,000
Erie R. R., equip., 1917, 5%.....		15,000	15,000
Grand Rapids Gas Lt., 1915, 5%.....		10,000	10,000
Ga. Ry. & El., Atlanta, 1932, 5%.....		25,000	25,000
Houston Belt & Tm. Ry., 1937, 5%.....		25,000	24,000
Ill. Cent. R. R., Louis. Div., 1953, 3 1/2%.....		15,000	11,700
Ill. Cent. R. R., St. L. Div., 1951, 3 1/2%.....		10,000	8,000
Jamison Coal & Coke, car tr., 1915, 5%.....		5,000	5,000
Jackson Cons. Co., gr., 1934, 5%.....		25,000	24,000
Kan. Cy. So. Ry., 1950, 5%.....		25,000	22,500
Lehigh Val. R. R., annuity, 6%.....		10,000	13,600
Lehigh To., 1923, 5%.....		15,000	13,500
L. S. & Mich. So. Ry., 1931, 4%.....		25,000	22,500
Lehigh Coal & Nav., 1930, 4 1/2%.....		25,000	24,500
Master Bldrs' Exch., 1917, 5%.....		4,000	4,000
Mil. Gas Lt., 1927, 4%.....		20,000	18,000
Market St. Elev. Pass. Ry., 1955, 4%.....		25,000	23,250
Mfra. Wat., gr., 1939, 5%.....		23,000	23,230
N. Y. Ry., 1 & r., 1942, 4%.....		20,000	14,200
N. Y. Ry., adj., 1942.....		20,000	10,200
N. Y. Gas, El. Lt., Ht. & Pow., 1949, 4%.....		25,000	20,750
Ohio River R. R., 1936, 5%.....		7,000	7,140
Pa. Steel, 1917, 5%.....		10,000	10,000
Pennac Lighting, 1925, 5%.....		10,000	10,000
Phila. El. g. tr. cfs., 1948, 5%.....		20,000	20,200
Phila. of Pitts., ca. m., 1951, 5%.....		20,000	16,000
Pitts. & Charl. St. Ry., gr., 1932, 5%.....		10,000	9,600
Pa. gr., 1916, 3 1/2%.....		4,000	3,920
Peoria Gas & El., 1 m., 1923, 5%.....		25,000	24,750
Pub. Serv. Corp. of N. J., 1950, 5%.....		25,000	21,750
Richmond & Danville R. R., ca., 1915, 6%.....		25,000	25,000
Reading Co. & P. & R. C. & I., 1997, 4%.....		10,000	9,300
Rio Grande West. R. R., 1939, 4%.....		25,000	18,750
So. Ry., eq. tr., 1917-23, 5%.....		20,000	19,780
St. L. P. & Nwn. Ry., gr., 1948, 5%.....		25,000	25,500
Sunb. Has. & W-B. R. R., 1928, 5%.....		7,000	7,000
Sham. Sun. & Lewis R. R., gr. 1925, 4%.....		10,000	9,600
St. L. Mer. Bg., gr., 1929, 6%.....		20,000	20,400
Superior Wat., Lt. & Pow., 1931, 4%.....		10,000	8,000
Superior Wat., Lt. & Pow., 1929, 5%.....		1,500	1,200
St. P. Gas Lt., 1944, 5%.....		10,000	9,500
St. L. Tm., cup. sta. & prop., 1917, 4 1/2%.....		15,000	14,400
St. Joseph Gas, 1937, 5%.....		15,000	13,500
St. L. Transit., 1924, 5%.....		25,000	16,250
Scranton Ry., 1932, 5%.....		25,000	24,750
Tex. & Pac. R. R., 2000, 5%.....		11,000	10,450
T., P. & N. R. R., gr. 1929, 5%.....		25,000	24,500
Underwrs. Bldg., N. Y. 1 m., 1928, 5%.....		10,000	10,000
United Ry., St. L., 1934, 4%.....		25,000	17,500
Westchester Lg., 1950, 5%.....		25,000	25,250
Wichita Falls & Nwn Ry., 1939, 5%.....		20,000	19,200

Stocks.

Wilkes-Barre & Hazleton R. R., p.....	1,300	65
Amer. Lt. & To., p.....	10,200	10,710
Amer. Lt. & To. com.....	5,800	17,400
Grand Rapids & Ind. Ry.....	10,000	2,000
Phila. To.....	12,500	19,750
Phila. Co., p.....	20,000	16,000
Phila. Bourse, com.....	500	30
Phila. Bourse, p.....	100	80
Detroit & Mack. Ry., p.....	3,800	3,230
Detroit & Mack. Ry., com.....	8,000	6,800

LUMBERMENS INSURANCE COMPANY, Philadelphia, Pa.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
STOCKS.—Cont.		Value.	Value.
Citizens Pass. Ry., Phila.....		\$600	\$3,360
Cy. Lt. & To., Sedalia, Mo., p.....		3,500	1,400

Totals (book value, \$1,623,819)..... \$1,688,300 *\$1,574,700

* Securities as per company's valuations; the item in Assets based on Ins. Dept. valuations.

MISCELLANEOUS: Capital increased in 1876 from \$125,000

to \$200,000, and in 1880 to \$250,000. Losses incurred and loss paid include those occurring under perpetual policies. Conflagration losses: Baltimore, 1904, \$780.

DIRECTORS: Lewis Davis, J. Gibson McIlvain, Edmund Webster, David E. Williams, Oliver H. Hill, John Hay, Edwin S. Dixon, Francis I. Maule, Herman Hoopes, Isaac W. Roberts, George J. Watson, Jay Gates.

FIELD MEN AND TERRITORY COVERED: Herrick & Auerbach, 189 La Salle st., Chicago, Ill., managers for Ill., O., Mich., Wis., Colo., and Ia. The company operates in Colo. Ill., Ia., Md., Mich., Minn., N. Y., O., Pa. and Wis.

LUMBERMENS MARINE INSURANCE COMPANY, Norfolk, Va.†

President, John L. Roper; Secretary and Treasurer, W. B. Roper. Organized, 1899.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$63,526	\$171	\$38,176	\$8,290	\$11,528	\$561	\$5,000	\$2,114	\$7,675	\$561
1913	61,271	169	35,994	8,866	11,566	5,498	2,500	3,417	11,415	6,168
1912	61,199	138	35,935	10,020	12,713	5,183	3,750	3,353	12,286	3,517
1911	61,709	128	34,772	9,546	12,160	733	5,000	3,836	9,069	2,399
1910	68,469	164	33,092	11,804	14,268	871	12,500	3,803	17,174	871

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$15,900	Unearned prems.....	\$171
Bonds and stocks.....	39,160	Other liabilities.....	179
Cash.....	5,846	Total liabilities.....	\$350
Agents' balances.....	1,899	Capital paid up.....	25,000
Interest.....	781	Net surplus.....	38,176
Total assets.....	\$63,526	Total.....	\$63,526

Underwriting profit, \$4,543; investment profit, \$2,991.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$36,924; premiums thereon, \$341.

BUSINESS SINCE ORGANIZATION: Premiums received, \$318,919; losses paid, \$90,164; dividends declared, cash, \$56,610; stock, \$13,200.

MORTGAGE LOANS: There are 5 loans aggregating \$15,900 on property valued at \$27,200. There is \$13,900 of insurance on

the mortgaged buildings. All of the mortgaged property is located in the city of Norfolk. On December 31, last, no interest was overdue.

BONDS OWNED:		Par	Market
		Value.	Value.
Norfolk City, wat.....		\$5,000	\$4,700
Norfolk City, r.....		5,000	4,700
River Front Belt Line.....		7,000	7,000
Garrett & Co. Inc.....		8,000	8,000
Nansemond Riv. Brick & Tile.....		2,000	2,000

Totals (book value, \$26,400)..... \$27,000 \$26,400

MISCELLANEOUS: Capital increased in 1901 from \$9,500 to \$15,200; in 1902 to \$16,000; in 1903 to \$24,000; and in 1906 to \$26,000. Transacts business in Va. only.

DIRECTORS: John L. Roper, C. I. Millard, Horton Corwin, Jr., J. L. Camp, A. B. Cramer.

MADISON INSURANCE COMPANY, Madison, Ind.

President, J. W. Cornett; Secretary, J. K. Weyer. Organized, 1831.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$183,867	\$8,758	\$71,109	\$9,076	\$19,846	\$3,576	\$8,000	\$5,983	\$17,559	\$2,624
1913	186,369	10,871	70,497	14,158	24,369	12,306	8,000	5,443	25,649	9,486
1912	196,510	16,608	72,162	25,419	34,877	16,578	8,000	4,557	29,134	17,068
1911	189,281	16,572	65,430	23,852	34,144	19,347	8,000	5,344	32,691	17,850
1910	192,645	17,602	65,450	26,592	36,667	23,898	8,000	5,333	37,231	25,151

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$6,500	Unearned prems.....	\$8,758
Bonds and stocks.....	162,868	Div. unpaid.....	4,000
Collateral loans.....	6,864	Total liabilities.....	\$12,758
Cash.....	2,755	Capital paid up.....	100,000
Agents' balances.....	2,807	Net surplus.....	71,109
Interest and rents.....	1,986		
Other assets.....	87		
Total assets.....	\$183,867	Total.....	\$183,867

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,406,903; premiums thereon, \$18,360.

Cash dividends declared since organization, \$752,900.

REAL ESTATE OWNED: Consists of office building. Rents received last year, \$100.

COLLATERAL LOANS are as follows:		Amount
Securities.		Loaned.
Twin Cy. Rapid Transit.....		\$4,000
Fire & Mech. Insurance.....		200
Personal security loans.....		2,664
Totals.....		\$6,864

† Transacts marine business only.

BONDS AND STOCKS OWNED:		Par	Market
Bonds.		Value.	Value.
Toledo Tm.....		\$11,000	\$8,800
United Tel. Co.....		5,000	5,000
Westinghouse El. & Mfg. Co.....		10,000	9,500
R. E. M.....		2,000	2,000
So. Ry. Co.....		5,000	4,925
Va. Ry. Co.....		4,000	3,940
Amer. Can Co.....		2,000	1,860
So. Pac. Co.....		1,000	960
The Waverly Co.....		2,000	2,000
Cent. Oolitic Stone Co.....		2,000	2,000

STOCKS		Par	Market
		Value.	Value.
Local Blg. Assns.....		2,511	2,511
Twin City R. T. c.....		2,000	1,920
Proctor & Gamble, c.....		6,700	33,516
United Cigar Mfg., c.....		4,000	1,640
Nat. Biscuit, p.....		5,000	6,150
Nat. Biscuit, c.....		7,500	9,221
Un. Pac. R.R. Co., com.....		6,000	6,964
1st Nat. Bk., Cin.....		4,800	8,740
Lehigh Val. R.R., c.....		4,500	5,880
Lehigh Val. Coal Sales.....		600	930
C. Newport & C. L. & T., p.....		5,000	3,750
Pa. R.R., c.....		13,550	14,220

MADISON INSURANCE COMPANY, Madison, Ind.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
Stocks.—Cont.		Value.	Value.
Bklyn. R. T., c.	\$5,000	\$4,225	
A. T. & S. F. R. R., c.	5,000	4,600	
Ill. C. R. R., c.	5,000	5,450	
Am. T. & Tg., c.	4,000	4,720	
So. Pac., c.	5,000	4,150	
Balto. & O. R. R., c.	1,300	897	
Balto. & O. R. R., p.	700	483	
Total	\$131,961	\$162,868	

MISCELLANEOUS: Company did transact a surplus line business through A. J. Van Deine, Indianapolis, Ind., but has now ceased writing surplus line business entirely. Conflagration losses: San Francisco, 1906, \$5,000.

DIRECTORS: J. W. Cornett, John B. Ross, E. E. Powell, H. W. Hargan, J. K. Weyer.

TERRITORY COVERED: Indiana only.

MARQUETTE NATIONAL FIRE INSURANCE COMPANY, Chicago, Ill.

President, Anthony Matre; Vice-President, Henry Reis; Secretary, Henry J. Woessner. Incorporated, 1912.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$49,000	Capital paid up.....	\$300,000
Bonds (par value)...	167,900	Net surplus.....	35,349
Cash.....	118,449		
Total ad. assets	\$335,349	Total	\$335,349

BONDS OWNED:		Par	Value.
Parrish of Arcadia, La., 5%.....		\$33,000	
Pensacola, Fla., 6%.....		16,000	
London Co., Tenn., 5%.....		6,000	
Greenville Twp., Tenn., 5%.....		1,000	
Bearmont, Tex., 5%.....		22,000	
Trinity Co., Tex., 5%.....		11,000	
Logan Co., W. Va., 5%.....		25,000	
Harrisburg, Ill., 5%.....		100	
Centrals, Ill., 5%.....		500	
St. Vincent's Sch., St. Louis, 5%.....		500	
Jacksonville, Wm., 5%.....		500	
Lorain Lit. & Ben. Inst., Denver, 5%.....		500	
St. Louis H. N., Portland, Ore., 5%.....		500	
Insurance Co., N. Orleans, 6%.....		500	
Baptist Mem. Hosp., Memphis, 6%.....		2,000	
Edinburgh Apt., 6%.....		300	
Astoria, Kan., 4%.....		500	
Houston, Tex., 5%.....		1,000	

BONDS OWNED.—Cont.		Par	Value.
U. L. & P. Junction Cy., Kan., 6%.....		\$2,000	
Port Arthur, Tex., 5%.....		20,000	
Baylor Co., Tex., 5%.....		25,000	
Total		\$167,900	

In addition to the admitted assets, the company was shown to have on Jan. 18, 1915, resources as follows: Securities held by La Salle Street Trust & Savings Bank, \$374,602; cash in same bank, \$44,175; etf. of deposit, same bank, \$2,000; cash in Pullman Tr. & Sav. Bk., (due June 1, 1915), \$7,200; etf. dep. Ashland, 12th Bank, \$5,000; cash, Jos. Stein & Co. (due March 4, 1915), \$5,000; cash, Kowalski Bros. (due May 21, 1915), \$4,000; notes given by stockholders account surplus, \$362,714 (about one-half to be collected within 90 days).

MISCELLANEOUS: This company has an authorized capital of \$1,000,000 and it is proposed to have an equal amount of surplus. Because of inability to obtain possession of bonds owned and cash on deposit, due to the failure of the La Salle Street Trust & Savings Bank, it was decided to make the capital \$300,000. After examination by the Illinois Insurance Department, the company was on Jan. 28, 1915, licensed to transact business in that state. Secretary Henry J. Woessner is the managing underwriter. Early in 1915 surplus increased to \$65,000 by collection of notes.

MARYLAND MOTOR CAR INSURANCE COMPANY, Baltimore, Md.

President, J. Purviance Bonsal; Secretary, Chas. B. Reeves. Organized, 1910.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$444,690	\$75,125	\$35,627	\$108,504	\$188,482	\$56,888	\$15,000	\$95,644	\$167,532	\$61,794
1913	431,851	71,675	32,866	161,918	177,906	46,469	15,000	91,483	152,952	53,473
1912	414,797	48,839	47,847	112,432	*178,875	39,632	8,000	61,173	108,805	44,143
1911	163,519	41,301	11,499	90,855	95,432	29,530		45,182	74,712	32,103
1910	142,526	18,709	18,627	38,344	*64,506	6,415		16,956	23,371	7,396

* Includes \$25,000 initial surplus paid in, and \$50,000 surplus from sale of stock in 1912.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks....	\$397,556	Losses unpaid.....	\$20,935
Cash.....	21,129	Unearned prems.....	75,125
Agents' balances....	29,293	Other liabilities.....	13,003
Interest.....	4,341		
Total	452,329	Total liabilities	\$109,063
Cap. dep. over bal.	7,639	Capital paid up.....	300,000
		Net surplus.....	35,627
Total assets	\$444,690	Total	\$444,690

Underwriting profit, \$7,782; investment profit, \$19,706.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,247,922; premiums thereon, \$150,249.

BUSINESS SINCE ORGANIZATION: Premiums received, \$57,067; losses paid, \$178,934; dividends declared, cash, \$38,000.

BONDS AND STOCKS OWNED:		Par	Market
Bonds.		Value.	Value.
Am. N. Y., pav., 1922-31, 4½%.....		\$11,200	\$11,569
Buffalo, N. Y., imp., 1932, 4½%.....		10,000	10,200
Buffalo, N. Y., m., 1932, 4½%.....		14,000	14,280
Buffalo, N. Y., m., 1919-20, 4%.....		16,000	15,840
N. Y. C., sp., 1920, 4½%.....		70,000	70,700
Richmond, Va., pav. imp., 1943, 4%.....		10,000	9,300
Richmond, Va., r. imp., 1938, 4%.....		400	376
Roch. & State I. R. R., r., 1933, 4½%.....		20,000	21,200

BONDS AND STOCKS OWNED.—Cont.		Par	Market
Bonds.—Cont.		Value.	Value.
Rome, N. Y., Wat. r., 1931, 4½%.....		\$10,000	\$10,100
Rome, N. Y., wat. r., 1931, 4½%.....		5,000	5,050
Tasewell Co., Va., rd. & bg., 1933, 5%.....		5,000	5,150
Troy, N. Y., p. imp., ser. 11, 1928-31, 4½%.....		11,000	11,440
Troy, N. Y., res., 1918, 4½%.....		9,000	9,180
Utica, N. Y., imp., 1924-33, 4½%.....		10,000	10,380
Yonkers, N. Y., Wat., 1920-24, 4½%.....		10,000	10,160
B. & O. R. R., cv., 1933, 4½%.....		5,000	4,960
B. & Sw. R. R., ext., 1918, 5%.....		5,000	5,000
C. & O. Ry., cv., 1930, 4½%.....		5,000	5,000
Chi. Cy. Ry., 1 m., 1927, 5%.....		10,000	10,300
C. M. & St. P. Ry., gn. m., 1929, 4½%.....		5,000	5,000
C. R. I. & P. Ry., eq., 1915, 4½%.....		5,000	5,600
C. R. I. & P. Ry., 1 r. m., 1934, 4%.....		5,000	4,950
Col. St. Ry., 1 cs. m., 1932, 5%.....		3,000	2,810
D. & W. Ry., 1 m., 1921, 4½%.....		5,000	4,880
M., D. & E. R. R., 1 m., gr., 1947, 5%.....		5,000	5,100
M. St. Ry. & St. P. C. Ry. cs. m., 1928, 5%.....		5,000	4,250
Mo. K. & T. Ry., 1915, 5%.....		5,000	4,750
No. Pac. Ry., pr. m., 1927, 4%.....		5,000	5,000
Pa. R. R., cs. m., 1948, 4%.....		5,000	4,950
St. L. & S. F. R. R., eq., 1915, 5%.....		3,000	3,000
St. L. I. M. & So. Ry., eq., 1916, 5%.....			
St. L. I. M. & S. Ry., R. & G. Div. 1 m., 1933, 4%.....		5,000	3,850
Un. Rys. & El., Balt., 1 m., 1949, 4%.....		5,000	4,200

MARYLAND MOTOR CAR INSURANCE COMPANY, Baltimore, Md.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
BONDS.—Cont.		Value.	Value.
W. Md. Ry., 1915, 5%.....		\$10,000	\$8,500
Wich. F. & N. Ry., 1 m., 1939, 5%.....		10,000	9,400
C. & P. Tl., 1 m., s. f., 1943, 5%.....		10,000	9,800
Cs. Gas, Balto., gn. m., 1954, 4½%.....		15,000	14,250
Davison Chem., Balto., 1 m., 1932, 6%.....		5,000	4,950
Elk Horn Fuel, W. Va., 1 m., cv., 1918, 5%.....		10,000	9,500
Equit. M. & Tr., Balto., 1 m., 1923, 5%.....		5,000	5,000
Laclede Gas Lt., St. L., 1934, 5%.....		10,000	10,100
Syracuse Gas, 1 m., 1946, 5%.....		5,000	5,100
STOCKS.			
B. & O. R.R., Balto., com.....		600	534
B. & O. R.R., Balto., p.....		300	243
Pa. R.R., Phila.....		10,000	11,100
Union Pac. R.R., N. Y., com.....		2,800	3,584
Mcht.-Mech. Nat. Bk., Balto.....		2,000	6,000
Totals (book value, \$406,691).....		\$398,300	\$397,555

MISCELLANEOUS: This company was organized in 1910 and commenced business with a paid-up capital of \$100,000 and a cash surplus of \$25,000. The company increased its capital in 1912 to \$300,000, also adding \$50,000 to its net surplus from premiums on stock.

DIRECTORS: John R. Bland, Jas. C. Fenhagen, Charles E.

Rieman, J. Purviance Bonsal, W. Irvine Keyser, Miles White, Jr., Jacob A. Ulman, William Whitridge, W. Graham Bowdoin, Jr., F. D. Buck, R. C. Hoffman, Jr., C. B. Reeves.

FIELD MEN AND TERRITORY COVERED: Borland & Johns, San Francisco, managers for Cal.; Jacobs & Staring, Denver, managers for Colo.; Courtland E. Pierson Co., Wilmington, general agent for Del.; Ralph W. Lee, Wash., general agent for Wash., D. C.; George E. Brennan, Chi., manager for Ill.; Foster & Messick, Ind., managers for Ind.; Merritt W. Lucas, Kan. Cy., general agent for Kan. Cy., Mo.; Parr & Parr, Balto., general agent for Balto.; O'Neil & Parker, Boston, managers for Mass.; Wm. H. McBryan, Detroit, manager for Mich.; Stephen A. Martin, St. Louis, manager for Mo.; Schryver & Geyler, Newark, managers for N. J.; Oakley & Lewis, N. Y., manager for N. Y. Cy.; James T. Harlan, Cleveland, manager for No. O.; Edward E. Shipley, Cincinnati, manager for So. O.; Hartman & Thompson, Portland, general agent for Ore.; Alfred P. Devereux, Philadelphia, manager for Philadelphia, Pa.; Howard Shaw, Pittsburgh, general agent for Pittsburgh, Pa.; James E. Smith, Providence, manager for R. I.; W. D. Middleton & Co., Charleston, general agent for S. C.; Seay & Hall, Dallas, general agent for Tex.; Baldwin Bros., Norfolk, general agents for Va.; John C. McCollister, Seattle, manager for Seattle, Wash.; Stanton & Hill, Tacoma, general agents for Tacoma, Wash.; Alfred Paul & Son, Wheeling, general agents for W. Va.; Hackett, Hoff & Thiermann, Milwaukee, general agents for Wis. The company is licensed in Cal., Colo., Del., D. of C., Ill., Ind., Md., Mass., Mich., Mo., N. J., N. Y., O., Ore., Pa., R. I., S. C., Tex., Va., Wash., W. Va. and Wis.

MASSACHUSETTS FIRE AND MARINE INSURANCE COMPANY, Boston, Mass. \$

President, Everett C. Benton; Secretary, Walter Adlard. Organized, 1910.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,402,544	\$529,776	\$262,791	\$716,083	\$767,674	\$422,322	\$15,000	\$292,102	\$739,424	444,622
1913	1,369,776	483,787	308,811	632,291	680,469	333,580	15,000	264,042	612,622	339,015
1912	1,339,057	396,433	377,259	531,510	572,019	226,465	.....	224,489	450,954	249,463
1911	1,218,793	270,901	411,920	393,743	437,571	130,555	.....	173,835	304,390	149,111
1910	1,086,950	119,315	456,397	148,130	\$661,012	7,887	.....	95,186	103,073	16,348

*Includes \$296,723 marine premiums and \$108,192 marine losses.

†Includes \$500,000 premium on stock.

‡Transacts both fire and marine business.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks.....	\$1,170,492	Losses unpaid.....	\$97,915
Cash.....	89,507	Unearned prems.....	529,776
Agents' balances.....	134,360	Other liabilities.....	12,062
Interest.....	8,095		
Other assets.....	90	Total liabilities.....	\$639,753
		Capital paid up.....	500,000
		Net surplus.....	262,791
Total assets.....	\$1,402,544	Total.....	\$1,402,544

Underwriting loss, \$78,750; investment profit, \$47,729.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$76,428,002; premiums thereon, \$759,388; marine and inland risks in force, \$11,165,066; premiums thereon, \$256,066.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,421,757; losses paid, \$1,100,644; dividends declared, cash, \$30,000.

BONDS AND STOCKS OWNED:		Par	Market
BONDS.		Value.	Value.
U. S. Govt., reg., 1925, 4%.....		\$10,000	\$11,100
Boston, Mass., reg., 1939-49, 3½%.....		200,000	191,500
Greenfield, Mass., f. d., c., 1915-30, 4%.....		48,000	48,570
Holyoke, Mass., reg., 1933-5, 4%.....		17,000	17,850
Lowell, Mass., c., 1915-6, 4%.....		11,600	11,600
Mass., reg., 1922-48, 3½%.....		60,000	58,940
Mass., reg., 1926, 4%.....		8,000	8,320
Mass., reg., 1936-49, 3%.....		44,000	38,840
Methuen, Mass., c. ex., 1924-30, 4%.....		20,000	20,200
New Bedford, Mass., reg., 1924-27, 4%.....		42,000	42,840
No. Attleboro, Mass., c. reg., 1937-9, 4%.....		16,000	16,640
Wayland, Mass., c., 1915-30, 4%.....		19,500	19,635
Detroit Tm. & Tun. m., c., 1961, 4½%.....		20,000	18,600
Ore.-Wash. R. R. & N., 1 & r., c., 1961, 4%.....		20,000	17,800
Puget Sd. Tc. Lt. & Pow., c., 1919, 6%.....		25,000	25,250
Amer. Tl. & Tg., c., 1929, 4%.....		10,000	8,900
Boston Tm., m., reg. 1947, 3½%.....		50,000	46,000
New England Tl. & Tg., c., 1932, 5%.....		25,000	26,250
Cumberland Tl. & Tg., c. n., 1916, 5%.....		18,000	18,000
Nwa. Tl. Ex. c. n., 1916, 5%.....		75,000	75,000
Brockton, Mass., n., 1915, 4%.....		15,000	15,000
Malden, Mass., n., 1915, 4%.....		12,000	12,000

BONDS AND STOCKS OWNED.—Cont.		Par	Market
STOCKS.		Value.	Value.
Old Colony R. R.....		\$6,200	\$9,30
First Nat. Bk., Boston.....		20,000	88,40
Merchants Nat. Bk., Boston.....		10,000	31,30
Merchants Nat. Bk., Worcester.....		12,500	24,31
Old Colony Tr., Boston.....		15,000	46,20
Amer. Tl. & Tg.....		10,000	12,30
Brockton Gas Lt.....		8,000	10,40
Cambridge Gas Lt.....		3,700	9,90
Edison Ed. Illum., Boston.....		10,000	24,90
General Adj. Bur., N. Y. Cy.....		50	.....
Lowell El. Lt.....		5,000	10,00
Lynn Gas & El.....		5,000	22,50
New Bedford Gas & Edi. Lt.....		6,300	17,80
New England Tl. & Tg.....		20,000	26,00
Springfield Gas Lt.....		6,500	17,10
Underwriters' Salv., N. Y. Cy.....		500	.....
Western Adj. & Insp., Chicago.....		100	.....
Western Union Tg.....		50,000	29,10
Worcester El. Lt.....		5,000	13,10
Worcester Gas Lt.....		10,000	27,10
Totals (book value, \$1,186,607).....		\$669,950	\$1,170,000

MISCELLANEOUS: This company was organized in 1910 and commenced business in that year with a paid up capital of \$500,000 and an initial surplus of \$500,000. Deposit in 1911, \$11,100.

DIRECTORS: Herbert Austin, Hugh Baneroff, E. C. Bent, E. R. Champin, R. J. Dunkle, W. R. Evans, W. S. Glidden, G. Ham, W. B. Henderson, J. T. Hosford, R. O. Lamb, Edw. Lann, W. A. McKenney, E. T. McKnight, E. P. Ricker, F. L. Ripley, J. Rothwell, W. G. Shillaber, G. E. Smith, J. J. Storrow, Joseph Russell, E. S. Webster, James L. Richards.

FIELD MEN AND TERRITORY COVERED: John Downey, general agent, Boston, Mass.; G. B. Holt, Boston, Mass., special agent for New England; B. C. Cooke Agency, Super. Wis., State agents for Wis., Minn. and No. Mich.; Hay & holds, Raleigh, N. C., general agents for N. C. & S. C.; James Dickey, Jr., Atlanta, Ga., State agent for Ga. The company's offices in Cal., Conn., Del., D. C., Ga., Ill., Ind., Ky., Me., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Vt. and Wis.

MECHANICS INSURANCE COMPANY OF PHILADELPHIA, Philadelphia, Pa.*

President, Simon J. Martin; Vice-President, John M. Campbell; Secretary, John A. Snyder. Organized, 1854.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,414,034	\$734,874	\$393,276	\$375,582	\$436,801	\$197,216	\$25,000	\$176,441	\$398,657	\$190,628
1913	1,397,564	724,652	385,591	382,858	443,464	225,283	25,000	176,791	427,074	216,720
1912	1,389,916	711,293	397,649	387,623	446,859	219,972	25,000	181,250	426,222	225,126
1911	1,375,900	696,507	392,410	383,603	443,389	228,005	25,000	178,507	431,512	215,288
1910	1,352,747	692,492	364,489	404,853	462,986	199,942	25,000	182,724	407,666	195,649

Unearned premiums include amount reclaimable under perpetual policies.

Assets, Dec. 31, 1914.		LIABILITIES, DEC. 31, 1914	
Real estate	\$96,000	Losses unpaid	\$26,190
Mortgage loans	186,775	Unearned premiums	410,862
Bonds and stocks	910,105	Perp. de p. recl.	324,012
Collateral loans	60,000	Other liabilities	9,694
Cash	92,064		
Agents' balances	47,682	Total liabilities	\$770,758
Interest and rents	13,438	Capital paid up	250,000
Other assets	5,970	Net surplus	393,276
Total assets	\$1,414,034	Total	\$1,414,034

RISKS AND PREMIUMS: Fire risks in force (except perpetual) December 31, \$53,017,832; premiums thereon, \$776,516. Perpetual fire risks, \$15,016,298; deposit premiums thereon, \$358,482.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,756,471; losses paid, \$4,688,197; dividends declared, cash, \$1,110,480.

REAL ESTATE OWNED: Consists of the company's home office building at southwest cor. Fifth and Walnut sts., Philadelphia, a 4-story brick building with basement and tower and a 4-story brick office building adjoining and communicating; book value, \$83,194; carried at \$90,000. Rents received last year, \$4,537; taxes and expenses, \$2,054; also a Denver property taken under foreclosure, which cost \$10,776 and is carried at \$3,000.

MORTGAGE LOANS: The loans number 62 and amount to \$186,775, the value of the mortgaged properties being estimated at \$74,950. On December 31, last, there was \$1,130 of interest overdue, all but one of the due dates being in December. Company holds \$208,860 of insurance on the buildings.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Securities.			
U. S. Gov. Bonds		\$23,250	
Lehigh Coal & Nav.		23,250	\$60,000
United Gas Imp.		24,375	
West Phila. T. & T.		6,160	
Total		\$77,035	\$60,000

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
U. S. new, 1925, 4%		\$5,000	\$5,500
Bor. of Clifton Hts., Pa., 1918, 5%		3,000	3,030
Philadelphia, r., 1918-32, 3 1/4%		33,000	31,725
Philadelphia, 1941, 4%		67,000	67,000
Co. St. of N. Y., 1960, 4 1/4%		40,000	39,500
Co. St. of N. Y., 1963, 4 1/4%		10,000	10,400
At. & Logan Val. El. Co., 1933, 4 1/4%		20,000	18,000
Amer. Ry. Col. Tr., 1917, 5%		10,000	9,400
Amer. Ry. Col. Tr., 1918, 5%		10,000	9,050
B. & O. R. R. P. L. E. & W. V. r. m., 1941, 4%		10,000	7,800
R. & O. R. R. Eq. Tr., 1915-22, 4 1/4%		35,000	33,550
Camden & Sub. Ry., 1 m., 1946, 5%		15,000	15,150
Chas. & O. Ry. eq. g. n., 1915, 4%		10,000	10,000
C. R. I. & P. Ry., eq. g. 1918, 4 1/4%		15,000	14,250
Co. Te. of N. J., 1923, 5%		10,000	10,100

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
C. M. & St. P. Ry., gn. m. g., 1969, 4 1/4%		\$15,000	\$14,925
Hooking Val. Ry. eq., 1917, 4%		10,000	9,550
J. F. & C. Ry. 1 m. g., 1959, 4%		20,000	17,200
Johnstown Pass. Ry. m., 1931, 4%		10,000	8,500
L. S. & M. So. Ry., 1928, 4%		10,000	9,000
Leh. C. & Nav. Col. Tr., 1930, 4 1/2%		25,000	24,000
Leh. Val. Coal. 1 m., 1933, 5%		10,000	10,250
Leh. Val. R. R. ca. m. l., 1923, 4 1/4%		10,000	10,050
Leh. C. & N. ca. s. f., 1954, 4 1/4%		25,000	24,375
Market St. El. Ry., P. 1 m., 1935, 4%		50,000	46,250
N. Y. C. L. eq. tr., 1922, 4 1/2%		25,000	23,875
N. & W. Ry. Div., 1 l. & gn. m., 1944, 4%		10,000	8,750
Nor. & W. Ry., eq. tr., 1917, 4%		15,000	14,700
No. Pac. Tm. of Ore., 1933, 6%		10,000	11,100
No. Pa. R. R. 1 m., 1936, 4%		11,000	10,780
Pa. Co. g. ln., 1916, 3 1/4%		8,000	7,860
Pa. gn. fr. eq. tr., 1917, 4%		25,000	24,562
Phil. & Erie R. R. g., 1920, 4%		28,000	27,300
Phil. Wil. & Balto. R. R., 1917, 4%		2,000	1,960
P. C. C. & St. L. Ry., 1942, 4 1/4%		10,000	9,900
Read. & P. & R. C. & I. gn. m. g. l. 1997, 4		10,000	9,300
Schuy. R. & E. Side R. R. Phil., 1925, 4%		30,000	29,100
2nd ave. R. R. N. Y., 1 ca. m. c., 1948, 5%		15,000	3,000
2nd ave. Tc., Pitta., 1934, 5%		10,000	9,200
Scranton Ry. gn. m., 1920, 5%		10,000	9,600
Tm. R. R. Amn. of St. L. ca. m., 1944, 5%		10,000	10,100
Tol. & O. C. Ry. car. tr., 1918, 4%		15,000	14,100
Wab. P. Tm., 1 m., 1954, 4%		10,000	700
Edison El. L. tr. ctf., Phil., 1946, 5%		20,000	20,700
Phil. 1 m. & Col. tr. g. Pitta., 1949, 5%		20,000	19,400
Pub. Serv. Co., N. J. gn. m. s. f., 1959, 5%		10,000	8,650
U. S. Steel Co. s. f., 1963, 5%		25,000	25,000
Winifrede Coal 1 m. g., 1930, 6%		10,000	9,300
Stocks.			
Fairm't Pk. & Hadd. Pass. Ry., 6% gr. Phil		10,000	11,800
Phil. Tc., 8% gr.		25,000	39,500
2nd & 3rd Sta. Pass. Ry., 24% gr. Phil.		1,000	4,700
13th & 15th Sta. Pass. Ry., 24% gr. Phil.		1,500	7,200
Un. Pass. Ry., 19% gr. Phil.		5,000	17,960
Union Tc., 6% gr. Phil.		50,000	38,750
Lehigh Coal & Nav.		7,500	11,625
United Gas Imp.		7,500	12,187
Totals (book value, \$979,803)		\$924,500	\$910,104

DIRECTORS: John P. McGrath, Charles T. Quin, Simon J. Martin, P. Dougherty, Francis McManus, Jr., Thomas Moloney, John M. Campbell, Edward J. Dooner, William Bergan, James M. Kelley, John A. Duroso, John A. Snyder, Wm. McDaid, Louis Boss, J. Howard Brown, J. J. Sullivan, Jr., Walter L. Haehnlen, Christopher Gallagher, Wm. V. McGrath, Jr.

GENERAL AGENTS AND TERRITORY COVERED: Herrick & Auerbach, Chicago, managers for W. department, comprising Ill., Minn., Mo., O., Mich., Wis., Neb., Ia. and Colo. A. J. Woodworth & Co., general agents, N. Y. State, outside of Metropolitan district. The company operates in Colo., Ill., Ia., Mass., Mich., Minn., Mo., Neb., N. J., N. Y., O., Pa., R. I., and Wis.

MECHANICS AND TRADERS INSURANCE COMPANY, New Orleans, La. §

President, H. A. Smith; Vice-Presidents, R. L. Emery and S. T. Maxwell; Secretaries, T. B. Norton and G. H. Tryon; Assistant Secretary, F. D. Layton. Organized, 1869.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,512,264	\$558,125	\$533,523	\$563,820	\$714,597	\$246,420	\$12,000	\$263,737	\$739,157	\$461,786
1913	1,521,714	688,128	647,205	743,448	804,400	369,024	12,000	259,814	631,838	362,256
1912	1,494,739	551,980	478,267	699,565	740,674	447,263	12,000	249,173	708,436	431,055
1911	1,386,086	546,979	463,129	712,072	767,558	437,538	12,000	249,785	699,623	412,113
1910	1,221,888	531,419	395,232	732,363	780,566	370,184	18,000	259,905	647,989	384,452

* Includes \$235 mar. prem. and \$2,015 marine losses.

§ Pennsylvania standard. § Transacts both fire and marine business.

MECHANICS AND TRADERS INSURANCE COMPANY, New Orleans, La.—Cont.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$23,500	Losses unpaid.....	\$70,615
Bonds and stocks.....	1,247,711	Unearned premiums.....	588,125
Cash.....	64,028	Other liabilities.....	20,000
Agents' balances.....	154,659		
Interest.....	22,366	Total liabilities.....	\$678,740
		Capital paid up.....	300,000
		Net surplus.....	533,524
Total assets.....	\$1,512,264	Total.....	\$1,512,264

Underwriting loss, \$77,658; investment profit, \$75,628.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$108,574,713; premiums thereon, \$1,134,171.

BUSINESS SINCE ORGANIZATION: Premiums received, \$14,916,141; losses paid, \$8,099,689; dividends declared, cash, \$1,262,337.

REAL ESTATE OWNED: Consists of the company's home office building, a 3-story brick slated structure, at 144 Carondelet st., New Orleans, acquired in 1901 at a cost of \$22,000. Net rents received last year, \$2,493.

BONDS AND STOCKS OWNED:

	Bonds.		Par Value.	Market Value.
Atchaf'a. Dis. r. & imp. lev., 1949, 5%.....			\$85,000	\$87,550
Bd. of Com. Lake Borgne B. L., 1932, 5%.....			5,000	5,150
Bd. of Com. Pt. N. O., 1939, 5%.....			62,000	66,340
Franklin, La., P. St. M. dr., 1920, 5%.....			20,000	20,000
5th Dis. Lev., 1950-54, 5%.....			46,000	46,460
Lafourche Basin Levee, 1954, 5%.....			26,000	27,560
Louisiana State, 1955-60, 4 1/2%.....			25,000	105,000
New O. City B., 1942, 4%.....			52,000	48,880
New Orleans, ca., 1922, 7%.....			6,000	6,840
New Orleans, pr., 5%.....			3,860	10,422
New Orleans pub. imp., 1950, 4%.....			225,000	204,750
New Orleans pub. imp. ctf., 1919, 5%.....			20,000	20,000
Ponchartrain Levee, 1944, 6%.....			25,000	29,750
Red River, Atch. & Bau. Bof. Dis. Levee, 1950-53, 5%.....			47,000	48,880
New Orleans Ry. & Ltg., 1935, 4 1/2%.....			125,000	101,250
Canal & Claiborne R.R., 1946, 6%.....			35,000	42,000
Baton Rouge, La., El., 1939, 5%.....			25,000	22,500
Edison El., E., 1929, 5%.....			100,000	101,000
Micha. El. E. & P. 1 m. g., 1929, 5%.....			58,000	52,200
Rice Belt Milling, 1922, 6%.....			50,000	50,000
Un. Irr. tn. & Rice Milling, 1916-20, 6%.....			20,000	18,060
STOCKS.				
Canal Bk. & Tr., New Orleans.....			600	1,044
Com'l-Germania Tr. & Sav. Bk., N. O.....			20,000	46,000
Hibernia Bk. & Tr., New Orleans.....			900	2,925
Whitney Cent. Nat. Bk., N. O.....			10,000	23,000
Metropolitan Bk., New Orleans.....			5,000	7,150
Maison Blanche, p., N. O.....			50,000	53,000
Totals (book value, \$1,344,525).....			\$1,222,360	\$1,247,711

MISCELLANEOUS: Capital reduced from \$375,000 to \$350,000 in 1895; to \$317,500 in 1896, and to \$300,000 in 1897. Conflagration loss: Baltimore, 1904, \$60,649. Salem, 1914, \$38,899. Figures according to Connecticut standard. Majority of company's stock is owned by Colonial Securities Co., Hartford.

DIRECTORS: Jas. Nichols, R. L. Emery, H. A. Smith, J. P. Baldwin, John Grote, George K. Pratt, Philip Werlein, W. B. Thompson, W. A. Kernaghan, H. D. Newman, B. C. Canaan, S. T. Maxwell.

FIELD MEN AND TERRITORY COVERED: Eastern field: 95 Pearl st., Hartford, Conn., C. B. Boulet, general agent; W. H. Lewis and G. W. Roberts, special agents eastern Mass. and R. I., Boston, Mass.; G. F. Cowee, special agent western Mass. and Conn., Hartford, Conn.; C. A. Rich, special agent, Rochester, N. Y., for western N. Y.; F. L. Owen, special agent, Albany, N. Y., for eastern N. Y.; L. C. Dameron, general adjuster, New York City; L. C. Breed, special agent, metropolitan New York, New York City; R. C. Alton, special agent for southern N. Y., N. Y. C.; Ross M. Wickham, State agent and J. B. Thompson, special agent for N. J., Newark, N. J.; N. C. Rorabaugh and Wm. M. Goodwin, special agents eastern Pa., Philadelphia, Pa.; H. M. Zweig, special agent for western Pa., Pittsburgh, Pa.; A. A. Warfield, special agent, Md. and D. C., Washington, D. C.; A. G. Kennigott, State agent for W. Va., Wheeling, W. Va.; R. G. Hayes, special agent N. C., Charlotte, N. C.; H. C. Hare & Co., Jacksonville, Fla., general agents for Fla. Western Branch: 175 West Jackson Blvd., Chicago, Ill.; Fred S. James, general agent, George W. Blossom, assistant general agent, George H. Bell, assistant general agent; H. T. Carlidge, agency superintendent, Illinois: W. T. Bieboe, special agent, Cook Co., Chicago; D. E. Monroe, State agent, Ill., Chicago; A. E. Owens and L. F. Knauer, special agents, Chicago; C. W. Bates, special agent, Athens, Indiana: James A. Bawden, special agent, Indianapolis, Iowa: W. W. Waddell, State agent; J. G. Kenney and R. S. Bartlett, special agents, Des Moines, Kansas; Theo. & W. L. Gardner, State agents, Topeka; C. M. Hill, J. L. Galbreath and Frank L. Britton, special agents, Topeka; John D. Flintjer, special agent, Kansas City, Mo. Kentucky: David Caldwell, State agent, Louisville. Michigan: E. W. Bell, special agent, Lansing. Minnesota: F. F. Wirth, State agent Minneapolis. Missouri: H. C. Garlick, special agent outside of St. Louis, Kansas City; D. E. Monroe, State agent, St. Louis Co., Mo., St. Louis; M. D. Mayhugh, special agent, Kansas City, Nebraska: A. J. Love, State agent, Omaha; W. H. Elbourn, special agent, South Norfolk; James H. Casebeer, special agent, Blue Springs, W. C. Dunker, special agent, Lincoln; W. H. Miller, special agent, Omaha; Adam Grass, special agent, Hastings, Ohio: A. W. Ross, special agent, Columbus. Tennessee: Cooper & Hall, State agents, Nashville. Wisconsin: Ray E. Hicor, State agent and Hilles C. Rhyen, special agent, Milwaukee. Improved risk department: Chicago, T. M. Luce, special agent, Chicago. Inspectors, J. B. Nicholson, J. A. Grose, special agent, hail department, Sioux Falls, S. D., Pacific branch, Sansome & Sacramento sts., San Francisco, Cal.; Wayman & Henry, general agents; F. E. Stone & M. H. Thomson, assistant general agents. W. W. Cleveland, J. N. Waters, J. R. Kenna, special agents, northern Cal., San Francisco, Cal.; J. A. Faull, general inspector, San Francisco, Cal.; E. A. Rowe and J. F. Boylan, special agents, southern Cal., Los Angeles, Cal. Bruce Kalts, special agent, western Wash. and B. C., Seattle Wash.; W. S. Gill and C. B. Harris, special agents, eastern Wash. Spokane, Wash.; C. S. Hill, special agent, Colo., Denver, Colo. Home office department, 144 Carondelet st., New Orleans, La. Emery & Norton, general agents for La. and Miss.; Walter E. Witty, special agent, New Orleans, La. The company operates in all the States of the United States except Ala., Ariz., Del., Ga., Haw. Ida., Me., Mont., Nev., N. H., N. M., N. D. Ore., S. C., S. D., Vt., Va. and Wyo.

MERCHANTS FIRE ASSURANCE CORPORATION, New York.

President, Edward L. Ballard; Secretary, A. C. Noble; Ass't Sec., W. B. Carter. Organized, 1910.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$970,283	\$310,744	\$401,651	\$442,398	\$484,480	\$216,530	\$24,000	\$127,382	\$367,912	\$240,000
1913	862,709	261,485	364,504	385,454	419,793	162,764	20,000	113,498	296,262	158,000
1912	810,441	207,491	364,568	311,194	353,624	132,367	20,000	97,882	249,749	143,000
1911	698,406	153,919	322,894	245,963	283,376	85,079		83,630	166,709	90,000

MERCHANTS FIRE ASSURANCE CORPORATION, New York.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$200,000	Losses unpaid.....	\$52,988
Cash.....	632,216	Unearned premiums.....	310,744
Coll.....	48,505	Other liabilities.....	5,000
Agents' balances.....	86,972		
Interest.....	4,680	Total liabilities.....	\$368,732
		Capital paid up.....	200,000
		Net surplus.....	401,651
Total assets.....	\$970,383	Total.....	\$970,383

Underwriting profit, \$28,951; investment profit, \$32,196.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$54,118,155; premiums thereon, \$590,939.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,547,004; losses paid, \$623,996; dividends declared, cash, \$64,000.

MORTGAGE LOANS: There are 17 loans, aggregating \$200,000, all but three of which are upon Brooklyn, N. Y., properties. The securities are valued at \$313,500, and the company holds insurance policies upon the mortgaged premises to the amount of \$197,250.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
American Can, d., 1928, 5%.....		\$10,000	\$9,200
American Tl. & Tg., 1933, 4%.....		10,000	9,800
Balt. & O. cv., 4%.....		20,000	18,400
Beaumont Steel, r., 1942, 5%.....		10,000	8,600
C. B. & Q. R., 1921, 4%.....		10,000	9,700
Ch. M. & St. P. cv., 1932, 4%.....		10,000	10,100
Ch. R. I. & Pac., 1934, 4%.....		20,000	15,500
Erie cv. B., 4%.....		20,000	14,200
Inter. Rap. Trans., 1906, 5%.....		10,000	9,900
Missouri Pac. cv., 5%.....		10,000	6,200
N. Y. C. r., 2013, 4%.....		20,000	19,000
N. Y. C. r., 1964, 4%.....		10,000	10,200
N. Y. N. H. & H. n., 1915, 5%.....		20,000	19,600
St. Pac., 1934, 5%.....		5,000	5,075
Va. Car. Chem. d., 6%.....		10,000	9,725
Acme Trust Co.....		1,000	3,600
Atchafalpa Common.....		20,000	19,800

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Stocks.			
Atlantic Coast Line.....		\$20,000	\$24,000
Bankers Trust Co.....		5,000	20,500
Brooklyn Union Gas.....		10,000	12,500
Chi. Burl. & Quincy.....		11,400	25,022
Equitable Trust.....		5,000	20,250
General Electric.....		20,000	29,600
Gt. No. Pfd.....		40,000	48,600
Guaranty Trust.....		6,500	35,750
International Nickel, com.....		10,000	11,700
Lawyers Mortgage Co.....		5,000	9,500
Lehigh Valley (Par \$50.).....		10,000	13,600
Louisville & Nashville.....		10,000	12,800
Northern Pacific.....		10,000	11,100
Otis Elevator.....		20,000	15,200
Pullman Co.....		5,000	7,750
Reading Co. (Par \$50.).....		10,000	16,400
So. Pacific.....		10,000	9,650
Ten. & Pac. Ry.....		100,000	15,550
Title Guar. & Trust.....		5,000	20,600
United Cigar Stores.....		10,000	8,800
U. S. Mfg. & Trust Co.....		2,500	10,250
Va. Car. Chemical Pfd.....		10,000	10,100
Va. Iron Coal & Coke.....		10,000	4,200
Western Md. com.....		50,000	9,250
Western Union Telegraph.....		60,000	34,800
Totals (book value, \$703,981).....		\$684,400	\$637,022

MISCELLANEOUS: The company commenced business in March, 1910, with a paid-up capital of \$200,000, and a surplus of \$300,000.

DIRECTORS: Edward L. Ballard, Charles W. Ballard, Bertram Cutler, John G. Luke, Edgar L. Marston, Stephen C. Millett, Samuel T. Morgan, John D. Rootkoff, Jr., Alexander V. Roe, Finley J. Shepard, Herbert E. Rogers, Clarence W. Seaman, Frederick D. Underwood.

TERRITORY COVERED: The company operates in Cal., Conn., Colo., Ia., Ill., Ind., La., Mass., Mich., Minn., Mo., Mont., N. J., N. Y., O., Ore., Pa., and Wash.

MERCHANTS FIRE INSURANCE COMPANY, Denver, Colo.

President, W. J. Galligan; Secretary, J. R. Gardner. Organized, 1907.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$451,980	\$111,979	\$128,500	\$127,830	\$152,932	\$54,126	\$15,999	\$56,851	\$126,979	\$57,938
1913	425,519	102,872	114,507	122,835	147,459	53,286	16,000	57,542	126,828	56,736
1912	404,827	92,584	107,685	102,718	127,471	48,083	8,000	51,283	107,366	48,393
1911	388,390	83,753	93,972	101,956	124,629	45,241	16,000	50,485	111,726	49,108
1910	371,211	80,610	107,200	73,246	93,807	23,507	8,000	40,334	71,841	25,137

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$245,684	Losses unpaid.....	\$10,008
Bonds and stocks.....	124,851	Unearned premiums.....	111,979
Collateral loans.....	883	Other liabilities.....	1,498
Cash.....	40,295	Total liabilities.....	\$123,485
Agents' balances.....	30,172	Capital paid up.....	200,000
Interest.....	9,996	Net surplus.....	128,500
Other assets.....	49		
Total assets.....	\$451,980	Total.....	\$451,980

Underwriting profit, \$3,601; investment profit, \$26,322.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,751,628; premiums thereon, \$212,167.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,341,8; losses paid, \$248,458; dividends declared, cash, \$72,500; cash, \$21,000.

MORTGAGE LOANS: There are 68 loans, aggregating \$245,684, pledged by improved real estate valued at \$627,100. There was \$1,751 of interest past due on December 31, last. Company holds \$128,500 of fire insurance on the buildings.

BONDS OWNED:		Par Value.	Market Value.
Ash Wat., 1922, 6%.....		\$5,000	\$5,000
Wild Co., Colo., sc. dist., 1921, 5%.....		2,000	2,000
Denver, Colo., sc. dist., 1923, 6%.....		100	100
So. Side Court No. 3, 6%.....		400	400
Lorimer Co., Colo., sc. dist., 1929-40, 6%.....		3,000	3,120
Realt Co., Colo., sc. dist. f., 1929, 6%.....		1,800	1,836
Rocky Ford Co., wat., 1920, 6%.....		8,000	8,240
Pt. Morgan, Colo., irr., 1921, 6%.....		20,000	20,000
Arapahoe Co., Colo., sc. dist., 1960, 6%.....		10,500	11,235

BONDS OWNED.—Cont.		Par Value.	Market Value.
Aravada, Colo., wat., 1925, 6%.....		\$10,000	\$10,000
San Luis Val., Colo., irr., 1929, 6%.....		10,000	10,000
Limon, Colo., wat., 1926, 6%.....		3,500	3,500
Johnstown, Colo., wat., 1927, 6%.....		5,000	5,100
Steamboat Spgs., Colo., wat., 1925, 6%.....		5,000	5,060
Montrose Co., Colo., sc. dist., 1942, 5%.....		3,000	3,180
La Junta, Colo., wat., 1927, 5%.....		3,000	3,000
Montrose Co., Colo., sc. dist., 1932, 5%.....		1,500	1,560
Prowers Co., Colo., sc. dist., 1932, 6%.....		3,000	3,150
Delta, Colo., wat., 1928, 5%.....		5,000	5,100
Del Norte, Colo., r., 1928, 6%.....		500	500
Delta, Colo., wat., 1918, 5%.....		5,500	5,500
Adams Co., Colo., sc. dist., 1933, 6%.....		1,500	1,590
Morgan Co., Colo., sc. dist., 1934, 6%.....		3,500	3,640
Mead, Colo., wat., 1920, 6%.....		3,500	3,500
Lorimer Co., Colo., irr., 1930, 6%.....		9,000	8,550
Totals (book value, \$124,851).....		\$123,300	\$124,851

MISCELLANEOUS: This company took over all the outstanding business of the Merchants Mutual Fire of Denver, Colo. It reorganized on July 1, 1907. Late in 1909 the company amalgamated with the Mercantile Fire of Denver.

DIRECTORS: J. M. Petrik, A. H. Barth, N. B. McCrary, R. J. Morris, W. J. Galligan, J. R. Gardner, S. H. Clammer, Chas. Recker, Alfred Wild, P. Krier, C. F. Best.

FIELD MEN AND TERRITORY COVERED: C. H. Gardner, Denver, Colo., special agent; C. D. Hall, Los Angeles, Cal., for Cal.; O. R. Daly, special agent for Wash., Spokane, Wash. The company operates in Cal., Colo., Ia., Ill., Mont., N. J., N. Y., Pa. and Wash.

MERCHANTS INSURANCE COMPANY, Bangor, Me.†

President, Wm. B. Snow; Secretary, Harold S. Stewart. Organized, 1885.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$374,027	\$62,023	\$185,434	\$130,076	\$144,127	\$74,227	\$11,640	\$31,485	\$117,352	\$64,767
1913	349,621	61,379	164,003	124,091	139,641	78,011	12,160	26,956	117,127	75,654
1912	334,121	58,096	150,769	113,214	125,806	63,690	11,400	25,275	100,365	74,303
1911	307,246	46,225	143,797	94,047	106,543	76,813	11,760	21,297	109,870	69,371
1910	312,189	47,992	143,152	95,054	109,246	55,662	11,960	20,277	87,799	64,477

ASSETS, Dec. 31, 1914.

Mortgage loans.....	\$29,500
Bonds and stocks.....	247,448
Collateral loans.....	18,400
Cash.....	39,476
Agents' balances.....	24,058
Interest and rents.....	3,580
Bills receivable.....	11,565

Total assets..... \$374,027

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$23,690
Unearned prems.....	62,023
Div.unpaid.....	1,080
Other liabilities.....	1,800
Total liabilities.....	\$88,593
Capital paid up.....	100,000
Net surplus.....	185,434

Total..... \$374,027

RISKS AND PREMIUMS: Marine and inland risks in force, \$1,416,163; premiums thereon, \$69,546.

MORTGAGE LOANS: There are 25 loans, aggregating \$29,500 on business blocks, city residences, land and wharf properties,

† Transacts marine business only.

valued at more than double the amount loaned. There was no interest past due on December 31, last.

COLLATERAL LOANS: These loans aggregate \$18,400 and are mainly upon bank stocks, market value, \$29,990.

BONDS AND STOCKS OWNED: These items consist of a widely distributed and well proportioned assortment of railroad and industrial bonds and stocks aggregating at their market value \$247,448 and par value, \$241,500.

MISCELLANEOUS: Company operates only in Maine and the maritime provinces.

DIRECTORS: H. P. Sargent, Fred B. Cutler, Arthur Chapin, Wm. B. Snow, Horace A. Stone, A. H. Babcock, Albert G. Dole, James F. Singleton, Walter S. Higgins.

FIELD MEN: J. Fred Sullivan, St. John, N. B.; E. S. Crosby, Bath, Me.; E. A. Butler, Rockland, Me.; George Elliott, Thomaston, Me.

MERCHANTS UNION INSURANCE COMPANY, Meridian, Miss.

President, Levi Rothenberg; Secretary and Manager, H. M. Street; Asst. Secretary and Manager, B. Street Coburn. Organized, 1903

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$157,385	\$8,832	\$46,175	\$9,972	\$30,322	\$8,997	\$8,000	\$9,582	\$26,579	\$9,497
1913	164,899	11,024	53,875	13,709	24,796	6,527	8,000	10,477	25,004	6,227
1912	175,072	12,309	52,702	14,965	25,924	12,430	8,000	5,768	26,198	8,805
1911	175,345	13,616	55,084	17,578	27,010	9,506	8,000	1,167	18,673	11,801
1910	167,008	15,383	50,600	17,760	28,115	17,789	8,000	8,508	34,297	16,098

ASSETS, Dec. 31, 1914.

Real estate.....	\$6,355
Mortgage loans.....	113,191
Bonds and stocks.....	13,250
Collateral loans.....	5,200
Cash.....	5,308
Agents' balances.....	5,986
Interest and rents.....	8,095

Total assets..... \$157,385

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$500
Unearned prems.....	8,832
Other liabilities.....	1,878
Total liabilities.....	\$11,210
Capital paid up.....	100,000
Net surplus.....	46,175

Total..... \$157,385

RISKS AND PREMIUMS: Fire risks in force, December 31, \$615,869. Premiums thereon, \$14,460.

BUSINESS SINCE ORGANIZATION: Premiums received, \$358,528; losses paid, \$197,726; dividends declared, cash, \$82,000.

REAL ESTATE OWNED: The company owns an office building carried at book value.

MORTGAGE LOANS: There are loans aggregating \$113,191, on first mortgages on property mainly in Meridian, Miss., valued at \$610,000. No interest past due on December, last. Company holds \$300,000 of insurance on the buildings.

COLLATERAL LOANS are as follows:

	Market Value	Amount Loaned.
Citizens Nat. Bk., Meridian, Miss.....	\$10,000	\$5,200
Meridian Fert. Fac.....		
Totals.....	\$10,000	\$5,200

BONDS OWNED:

	Par Value	Market Value.
Meridian Cotton Mills.....	\$9,500	\$9,250
Meridian Fert. Fac.....	3,500	3,500
1st Presbyterian Church.....	250	250
Totals.....	\$13,250	\$13,250

MISCELLANEOUS: Company formerly operated in Ark. and Miss. It now confines its operations to the latter state. In 1908 the company reduced its maximum line on dwelling properties to \$1,500, and reinsured a large portion of its term business which reduced its net receipts and reserve. Conflagration loss: Yazoo City, 1904, \$10,433.

DIRECTORS: L. Rothenberg, B. W. Griffith, Harry T. Howard, R. W. Millsaps, W. E. Baskin, Louis Cohn, S. J. Johnson, Edw. McMorris, E. Cahn, H. M. Threftoot, H. M. Street.

METROPOLITAN FIRE INSURANCE COMPANY, Chicago, Ill.

President, Thos. F. Keeley; Secretary, Geo. Essig. Organized, 1902.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$205,884	\$61,443	\$40,722	\$71,947	\$80,542	\$63,472	\$10,000	\$29,282	\$102,734	\$65.1
1913	224,965	62,867	60,096	81,148	88,996	38,532	10,000	29,999	78,461	83.3
1912	215,999	55,500	59,087	61,636	69,382	39,030	10,000	23,406	72,435	36.2
1911	221,184	56,667	58,211	104,136	113,131	44,868	10,000	52,889	107,767	43.3
1910	267,404	15,032	97,625	166,218	175,050	65,689		67,563	133,242	70.

METROPOLITAN FIRE INSURANCE COMPANY, Chicago, Ill.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$178,284	Losses unpaid	\$3,721
Cash	11,099	Unearned premiums	61,443
Agents' balances	12,823		
Interest and rents	3,680	Total liabilities	\$65,164
		Capital paid up	100,000
		Net surplus	40,722
Total assets	\$205,886	Total	\$205,886

Underwriting loss, \$19,245; investment profit, \$9,870.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,352,662; premiums thereon, \$116,061.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,566,840; losses paid, \$980,421; dividends declared, cash, \$70,000; stock, \$10,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Chicago Cy.		\$73,000	\$73,000
St. Paul		15,000	14,100
Chicago Ry.		15,000	15,018
Commonwealth, Edison		15,000	15,310
Chicago Ry.		15,000	14,775
W. S. E. R. R.		15,000	11,925

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Calumet & So. Chi.		\$12,000	\$11,160
W. Chi. Pk.		5,000	5,000
Chicago, stocks, World's Fair		5,000	5,000
W. Adj. & Insp. stks.		125	125
Ins. Exch. Bldg. Tr.		13,000	12,870
Totals (book value, \$180,090)		\$183,125	\$178,284

MISCELLANEOUS: Capital increased in 1905 from \$100,000 to \$200,000 by payment of 900 shares in cash and a stock dividend of 10%, or 100 shares. Company commenced business with a surplus of \$25,000, and in 1905 \$22,500 was added. Reinsured a large proportion of its business in 1909 in the Westchester Fire, and company continued operations in its home State only, reducing its capital from \$200,000 to \$100,000 and adding the amount to surplus. Conflagration losses: Baltimore, 1904, \$9,349; San Francisco, 1906, \$850 (by reinsurance).

DIRECTORS: Thos. F. Keeley, M. J. Naghten, Z. P. Brousseau, Edward Cluff, James I. Naghten, William A. Birk, Eugene M. Keeley, Squire S. Burke and William J. Kerwin.

FIELD MEN AND TERRITORY COVERED: J. F. Nicholson, Chicago, Ill., special agent for Cook Co. and No. Ill. Company operates only in Ill.

MICHIGAN COMMERCIAL INSURANCE COMPANY, Lansing, Mich.

President, Frank D. Bennett; Secretary and Treasurer, A. D. Baker. Organized, 1905.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$935,534	\$267,695	\$200,010	\$461,912	\$503,491	\$264,631		\$226,268	\$490,899	\$274,795
1913	931,099	277,822	181,503	496,258	534,552	251,322		215,252	466,574	251,350
1912	862,219	258,314	153,664	319,100	365,939	412,431		190,490	602,921	379,523
1911	1,104,776	549,591	32,780	721,932	763,926	473,193		298,114	771,307	449,929
1910	1,112,465	544,849	86,782	719,552	766,619	596,209		360,722	956,931	573,948

* Includes \$40,889 marine premiums and \$11,754 marine losses.

Company reinsured a large part of term business in 1912.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$15,025	Losses unpaid	\$54,829
Mortgage loans	608,714	Unearned premiums	267,695
Bonds and stocks	115,748	Other liabilities	13,000
Cash	91,501		
Agents' balances	92,524	Total liabilities	\$335,716
Interest	12,022	Capital paid up	400,000
		Net surplus	200,010
Total assets	\$935,534	Total	\$935,534

Underwriting loss, \$19,396; investment profit, \$38,205.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,644,492; premiums thereon, \$491,292; marine and inland risks in force, \$297,726; premiums thereon, \$20,232.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,396,142; losses paid, \$3,670,086; dividends declared, cash, \$18,000.

REAL ESTATE OWNED: Consists of an office building and lot in Lansing, which cost \$8,520, and is carried at \$14,000, and two dwelling properties in Battle Creek, sold on contract.

MORTGAGE LOANS: The 266 loans are all upon Mich. and Ind. real estate, chiefly in Battle Creek, Lansing, Detroit and Holland, and only 18 loans exceed \$8,500 in amount. The aggregate, \$608,714, is protected by properties valued at \$1,574,728, and the company holds \$231,683 of insurance on buildings. No interest was paid due on December 31, last. The largest loan, \$25,000, is upon a flat building at 4424-6 Michigan ave., Chicago, valued at \$50,000.

BONDS OWNED:		Par Value.	Market Value.
Winfield, Mich., st., 1915-18, 4%		\$8,000	\$7,940
Gen. reg., 1915, 4%		10,000	10,000
Excelsior, Mich., wat. wks., 1935, 5%		18,000	18,540
Indiana, Mich., st., 1926, 4%		50,000	48,000
Lansing, Mich., st., 1918-19, 54%		3,000	3,048

* Statement according to Michigan standard

BONDS OWNED.—Cont.		Par Value.	Market Value.
Manistique, Mich., wat. wks., 1931, 5%		\$5,000	\$5,200
Manistique, Mich., st., 1932, 5%		3,000	3,120
Mt. Pleasant, Mich., wat. wks., 1915-16, 4%		2,000	1,990
Portland, Mich., wat. wks., 1915, 4%		10,000	9,850
Saugatuck, Mich., wat. wks., 1922, 5%		3,000	3,060
Shiawassee Co., Mich., c. h., 1915, 4%		5,000	5,000
Totals (book value, \$117,000)		\$117,000	\$115,748

MISCELLANEOUS: This company began business with a paid-up capital of \$200,000 and a surplus of \$100,000. In 1906, capital increased to \$300,000 and \$70,000 was realized as premium on the new stock issued, and in 1908 capital was increased to \$400,000 and \$100,000 realized as premium on new stock.

DIRECTORS: H. E. Hooker, Robert Henkel, A. D. Baker, E. F. Cooley, F. D. Bennett, S. J. Titus, John A. Kelly, Wm. A. Bauman, W. B. Parsons, F. L. Colby, B. L. Hewett.

FIELD MEN AND TERRITORY COVERED: Baumann, Gordon Co., Winona, Minn., general agents for Minn., S. D., N. D., and Wis.; Chas. B. Allan, Kan. Cy., Mo., State agent for Kan., Mo. and Neb.; Merrill & Braniff, Okla. Cy., Okla., general agents for Okla.; L. G. Weimer, New York Cy., state agent for N. Y. and N. J.; Ralph Westbrook, Harrisburg, Pa., State agent for Pa.; Robt. D. Machan, Indianapolis, Ind., State agent for Ind.; Geo. A. Brown, Chicago, Ill., State agent for Ill. (outside of Cook Co.), Ia., and F. J. Sauter, Chicago, Cook Co., Ill., Mgr.; H. E. Murphy, Hartford, Conn., State agent for Mass., R. I. and Conn.; R. D. Wiley, Columbus, O., State agent; W. B. Callis, special agent for O.; B. E. Starr, Lansing, Mich., and W. W. Webb, Lansing, Mich., special agents for Mich.; G. W. Brooks, San Francisco, Cal., general agent for Pacific Coast, Haw. & B. C.; Geo. R. Snyder, Mt. Sterling, Ky., special agent for Ky. and W. Va. The company operates in all the States and Territories of the United States except Ala., Ala., Colo., Del., D. C., Fla., Ga., Ida., Ia., Me., Md., Miss., Nev., N. H., N. C., S. C., Utah, Vt., Va. and Wyo.

MICHIGAN FIRE AND MARINE INSURANCE COMPANY, Detroit, Mich.

President, D. M. Ferry, Jr.; Vice-President, E. J. Booth; Secretary, H. E. Everett; Assistant Secretary, E. P. Webb. Organized 1880.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,524,381	\$685,952	\$345,995	\$700,808	\$769,373	\$434,932	\$40,000	\$316,969	\$791,901	\$420,912
1913	1,547,443	663,473	334,185	702,401	758,092	401,020	40,000	303,407	744,427	394,987
1912	1,485,891	629,094	352,063	691,922	745,821	378,856	40,000	301,504	720,360	367,494
1911	1,459,456	584,088	368,608	668,042	719,516	311,900	40,000	274,164	626,064	327,234
1910	1,374,193	536,366	357,616	630,591	681,733	302,963	40,000	269,421	612,384	301,077

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$69,543	Losses unpaid.....	\$59,635
Mortgage loans.....	520,906	Unearned prems.....	685,952
Bonds.....	662,490	Other liabilities.....	32,799
Cash.....	73,024		
Agents' balances.....	179,287	Total liabilities.....	\$778,386
Interest.....	19,081	Capital paid up.....	400,000
Other assets.....	100	Net surplus.....	345,995
Total assets.....	\$1,524,381	Total.....	\$1,524,381

Underwriting loss, \$59,625; investment profit, \$61,435.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$128,143,505; premiums thereon, \$1,318,800.

BUSINESS SINCE ORGANIZATION: Premiums received, \$14,111,948; losses paid, \$7,672,659; dividends declared, cash, \$738,000.

REAL ESTATE OWNED: Consists mainly of dwelling properties in and near Detroit, with some vacant lots, the largest single item being 65 vacant lots in Irving pl., subdivision, valued at \$53,508. There are no encumbrances.

MORTGAGE LOANS: There are 143 loans, of which only 7 exceed \$10,000 in amount. The loans aggregate \$520,906, and are secured by properties valued at \$1,468,990. But \$599 interest was overdue on December 31, last. Most of the properties loaned upon are in Detroit and all are in Michigan. The largest loan is one of \$20,000 on a brick apartment house at 981-9 John R. st., Detroit, valued at \$80,000.

BONDS OWNED:

	Par Value.	Market Value.
Astoria, Ore., pt., 1934-44, 5%.....	\$15,000	\$15,300
Arizona Tr. f., 1953-54, 5%.....	25,000	26,100
Austin Co., Tex., rd., 1951, 5%.....	15,000	15,000
Battle Creek, Mich., bg., 1925-26, 4%.....	10,000	9,800
Beaumont, Tex., sc. bldg., 1946, 5%.....	20,000	20,800
Detroit, sr., 1918-24, 4%.....	106,000	105,190
Detroit, pk., 1920, 4%.....	38,000	35,340
Detroit, art mus., 1929, 3 3/4%.....	10,000	9,200
Detroit, pk., 1930, 3 3/4%.....	12,000	11,880
Detroit, sr., 1936-37, 3 3/4%.....	70,000	63,700
Detroit, sc., 1930, 3 3/4%.....	10,000	9,200
Detroit, pub. imp., 1916, 3 3/4%.....	2,000	1,980
Detroit, sr., 1918, 4%.....	25,000	25,000
Detroit, pub. imp., 1918, 3.65%.....	10,000	9,900
Detroit, pub. sr., 1922, 4%.....	5,000	4,950
Detroit, pub. itg., 1924, 4%.....	50,000	49,500
Detroit Gas, pr. in., 1923, 5%.....	15,000	15,000
Ecorse Tnp, sc., 1926, 5%.....	15,000	15,600
Grand Rapids, Mich., fld. pr., 1935, 4 1/2%.....	18,000	18,720
Grand Rapids, Mich., w. w. r., 1929, 4%.....	17,000	16,660

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Hamtramck, Mich., sc., 1922, 5%.....	\$5,000	\$5,150
Hamtramck, Mich., pub. wat., 1943, 5%.....	20,000	22,400
Hamtramck, Mich., sc., 1926, 4 1/2%.....	10,000	10,200
Highland Pk., Mich., imp., 1929, 4%.....	13,000	12,480
Idabel, Okla., w. w., ext. imp., 1937, 6%.....	10,000	10,800
Michigan Steamship, 1916-17, 5%.....	15,000	15,000
Oklahoma City, Okla., w. w., 1936, 4 1/2%.....	5,000	5,100
Saginaw, Mich., st. imp. & sr., 1915, 3 3/4%.....	9,000	9,000
Saginaw, Mich., bg., 1920, 3 3/4%.....	10,000	9,900
S. Fe. Pres. & Phx. Ry., 1942, 5%.....	13,000	13,910
Springwells, Mich., twp. sc., 1915, 5%.....	6,000	6,000
St. Clair Heights, Mich., pvg., 1944, 5%.....	16,000	17,260
St. Clair Heights, Mich., wat. ext. 1944, 5%.....	5,000	5,400
St. Clair Heights, Mich., sr., 1944, 5%.....	5,000	5,400
Seapula, Okla., f., 1933, 6%.....	15,000	15,600
Tuller Hotel, bldg., 1921, 6%.....	15,000	15,150
Wagoner, Okla., wat., it. & sr. util., 1936, 5%.....	5,000	5,000
Totals (book value, \$665,000).....	\$665,000	\$682,490

MISCELLANEOUS: Capital increased in 1888 from \$200,000 to \$400,000 by cash payment; in 1906 \$200,000 additional surplus was paid in by stockholders. Conflagration loss: San Francisco, 1906, \$371,102.

DIRECTORS: F. J. Hecker, Walter C. Mack, D. M. Ferry Jr., James Craven, Clinton Goodloe Edgar, H. Kirtz White, Charles B. Calvert, F. A. Schulte, J. W. Thompson, Philip H. McMullen, William R. Hees, James D. Standish, Lem. W. Borer, Chas. C. Jenks, Geo. H. Barbour, William H. Murphy, Chas. Stinchfield, Chas. L. Palma, Carl A. Henry, David C. White, Dr. J. B. Book, E. J. Booth, H. E. Everett, C. M. Wilkins, Geo. E. Lawson, M. B. Whitteley, Wm. P. Stevens.

FIELD MEN AND TERRITORY COVERED: William O. Wayman & C. A. Henry, San Francisco, Cal., for Paci Coast department; D. Cliffe Stone, Nashville, Tenn., general agent for Ky. and Tenn.; Craven & Caga, Houston, Tex., managers for Tex. and La.; Simpson, Campbell & Co., Boston, Mass. general agents for Mass. and Conn.; C. W. Hutchinson, special agent for Wis.; W. T. Christopher, special agent for Colo.; Mar V. Whitney, special agent for Mich.; Frank C. Esterly, special agent for Minn.; Chas. A. Cummings, special agent for I. A. M. Waldron, Philadelphia, Pa., general agent for Eastern P. Robert Safford, special agent for Ohio and Ind.; Neal C. Rowie, State agent, Rochester, N.Y., for N.Y., Md., Western Pa. and N. The company operates in Ala., Ariz., Cal., Colo., Conn., F. Haw., Ida., Ill., Ind., Kan., Ky., La., Me., Md., Mass., Minn., Mo., Mont., Nev., N. H., N. J., N. Y., O., Ore., R. I., Tenn., Tex., Utah, Vt., Wash., W. Va., Wis. and Wyo.

MILWAUKEE MECHANICS INSURANCE COMPANY, Milwaukee, W

President, Wm. L. Jones; Vice-President and Treasurer, Chas. H. Yunker; Second Vice-President, G. W. Grossenbach; Secretary, Oscar Griebling; Assistant Secretary, Emil Teich. Organized, 1852.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Loss Incurred
1914	\$4,266,474	\$2,259,713	\$640,302	\$1,926,810	\$2,125,114	\$1,288,740	\$120,000	\$890,539	\$2,299,339	\$1,351,941
1913	4,461,025	2,289,136	874,703	2,003,182	2,188,262	1,000,940	120,000	904,579	2,025,519	94
1912	4,379,065	2,259,110	810,328	1,948,202	2,136,381	1,110,397	120,445	883,049	2,113,891	1,112,941
1911	4,552,598	2,377,049	689,365	2,269,746	2,456,054	1,022,472	422,555	1,048,575	2,493,602	1,077,941
1910	3,437,518	1,756,073	835,438	1,608,758	1,744,716	728,062	90,000	740,633	1,558,695	7

MILWAUKEE MECHANICS INSURANCE COMPANY, Milwaukee, Wis.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$27,300	Losses unpaid.....	\$228,231
Mortgage loans.....	1,719,785	Unearned premiums.....	2,259,713
Bonds and stocks.....	1,907,396	Other liabilities.....	138,228
Cash.....	237,772		
Agents' balances.....	337,823	Total liabilities.....	\$2,626,172
Interest.....	44,023	Capital paid up.....	1,000,000
Other assets.....	1,581	Net surplus.....	640,302
Total.....	\$4,275,678		
Sp. dep. over liab.....	9,204		
Total assets.....	\$4,266,474	Total.....	\$4,266,474

Underwriting loss, \$298,060; investment profit, \$192,864.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$40,377,108; premiums thereon, \$4,438,783.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,358,165; losses paid, \$20,103,272; dividends declared, cash, \$1,48,000; stock, \$300,000.

REAL ESTATE OWNED: Comprises 2 parcels, viz.: 3-story stone front brick building, at 442-444 City Hall Square, Milwaukee (value, \$24,000), and 7 lots in 17th Ward, Milwaukee (value, \$1,350). There are no incumbrances.

MORTGAGE LOANS: There are 195 loans, ranging in amount from \$300 to \$156,000, and aggregating \$1,719,785. The protecting properties are valued at \$4,790,717, and there was \$1,375 interest past due on December 31, last. The loan of \$156,000 is upon a tract of land bounded by St. Paul ave., 13th st., 15th st. and C. M. & St. P. Ry. Co. (except E. 200 feet), Milwaukee, valued with buildings, at \$388,620, and the company holds \$170,000 of insurance on the buildings thereon.

BONDS AND STOCKS OWNED:		Par Value.	Market Value
Bonds.			
Alberta Can., 1924, 4½%.....	\$25,000	\$24,000	
Canary Prot. Pub. Sc. Dist., 1941, 5%.....	25,000	23,250	
Dow Am Co., N. M., 1943, 5%.....	10,000	9,900	
Dow Mil. Wm., 1915-25, 5%.....	22,000	22,000	
Georgia State, 1920, 3½%.....	10,000	9,800	
Great Bay, Wm. H. Co., 1921-29, 4½%.....	50,000	49,500	
King Co., Wash., 1934, 5%.....	25,000	26,125	
Louisa Pt. Comm., 1941, 5%.....	52,000	53,560	
Mil. Wm. Ph., 1906, 1920-32, 3½%.....	7,000	6,720	
M. & L. Imp., 1918-39, 4%.....	9,000	8,634	
N. Y. Cy., ex. stk., 1957, 4½%.....	115,000	119,025	
Portland, Ore. wat., 1923, 5%.....	50,000	51,250	
Portsmouth, Va., 1940, 4½%.....	18,000	17,100	
Rensselaer, Wm. se., 1915-17, 5%.....	8,000	8,000	
Rensselaer Co. Minn. bg., 1917, 4½%.....	75,000	75,000	
Reynolds, Va., 1941, 4%.....	25,000	23,000	
St. Louis Co. Minn., 1918, 4½%.....	51,000	51,000	
Virginia, 1911, 3%.....	12,000	9,960	
West Ala. Wm. wat., 1915, 5%.....	500	500	
West Ala. Wm. se., 1915-30, 5%.....	7,500	8,000	
West Ala. Wm. st. imp., 1915-30, 5%.....	16,000	16,000	
Washington, N. C., st. imp., 1950, 4½%.....	20,000	19,000	
Walt & O. R. R., 1933, 4½%.....	25,000	21,000	
Canadian No. Ry., equip., 1915-30, 4½%.....	27,000	26,440	
Chc. & Alton Ry., 1950, 3½%.....	30,000	11,100	
Chc. & Eastern Ill. Ry., 1, 1942, 5%.....	25,000	18,750	
Chc. Ind. & So. R. R., 1956, 4%.....	25,000	21,250	
Chc. M. & St. P. Ry., d., 1944, 4%.....	50,000	45,000	
Chc. M. & St. P. Ry., 1918, 5%.....	30,000	29,400	
Chc. & No. Wn. Ry., equip. tr. cks., 1919, 4½%.....	25,000	24,500	
Chc. & Nwn. Ry., St. L., P. & N. W., 1944, 5%.....	50,000	51,250	
Chc. R. I. & Pac. Ry., r., 1934, 4%.....	75,000	50,250	
Chicago Val. El. Ry., Lt. & Pow., 1924, 4½%.....	30,000	29,100	
Ind. & Pere Marq. Ry., Pt. H. Div., 1929, 5%.....	30,000	22,500	
Grand Rapids & Ind. Ry., 1941, 4½%.....	17,000	16,150	
Kansas City So. Ry., 1950, 3%.....	50,000	34,000	
M. H. & O. Ry., 1925, 6%.....	25,000	25,500	
Mil. La. R. & Tc., 1929, 5%.....	75,000	75,000	
Mil. Sparta & Nwn. Ry., 1947, 4%.....	25,000	22,500	
Minn. St. P. & S. R. M. Ry., 1933, 4%.....	75,000	67,500	
N. Y. C. & H. R. R., 1906, 3½%.....	100,000	70,000	
St. L. Iron Mtn. & So. Ry., 1933, 4%.....	25,000	16,250	
Southern Ry., 1904, 5%.....	25,000	24,625	
Southern Ry., Atl. & Dan., 1948, 4%.....	35,000	29,400	
Southern Ry., Knoxville & O., 1925, 6%.....	17,000	18,360	

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
So. Pac. Ry., r., 1955, 4%.....	\$19,000	\$16,150	
So. Pac. Ry., eq., 1919, 4½%.....	35,000	34,300	
Wabash Ry., Omaha Div., 1941, 3½%.....	35,000	21,000	
Wabash Ry., Tol. & Chi. Div., 1941, 4%.....	10,000	6,900	
Wabash Pitts. Tm. Ry., ctf., 1954, 4%.....	50,000		
W. Md. Ry., 1952, 4%.....	50,000	27,000	
Wichita Falls & Nwn. Ry., 1939, 5%.....	25,000	23,000	
Wis. Cent. Ry., 1949, 4%.....	45,000	38,250	
Armour & Co., 1939, 4½%.....	29,000	26,100	
Cudahy Packing, 1924, 5%.....	10,000	9,900	
Hydraulic Power, 1950, 5%.....	12,000	11,760	
Merchants Ht. & Lt. Ind., 1922, 5%.....	25,000	23,500	
Niagara Falls Hyd. Pow. & Mfg., 1920, 4%.....	18,000	16,020	
Rockford El., 1939, 5%.....	10,000	9,400	
Seattle Lighting, r. g., 1949, 5%.....	25,000	22,250	
A. O. Smith Mfg. Mil., 1920, 5%.....	25,000	24,000	
Union El. Lt. & Pow., St. L., 1932, 5%.....	30,000	29,400	
Wis. Gas & El., 1952, 5%.....	50,000	46,000	
Wis. Pub. Serv., 1942, 5%.....	36,000	32,400	

STOCKS.

Mil. El. Ry. & Lt., p.....	32,000	31,040
Wis. Nat. Bk. of Mil.....	6,700	13,400
Totals (book value, \$1,842,717).....	\$2,102,200	*\$1,842,717

* Securities as per company's valuations; the item in Assets is based on Ins. Dept. valuations.

MISCELLANEOUS: Capital increased in 1906 from \$200,000 to \$500,000 and \$300,000 was realized on sale of new stock. Early in 1911 the Milwaukee Fire was merged with the Milwaukee Mechanics under the title of the latter institution, with a capital of \$1,000,000. Conflagration losses: Baltimore, 1904, \$321,570; San Francisco, 1906, \$1,405,010. Values of special deposits: Ga., \$9,800; Va., \$48,330; N. M., \$10,200.

DIRECTORS: Chas. H. Yunker, Chas. F. Pfister, Ferdinand Meinecke, G. W. Grossenbach, William Finger, Fred T. Goll, Fred Vogel, Jr., Gustav Pabst, Wm. L. Jones, Dr. Jos. Schneider, Chas. G. Stern, Arthur R. Munkwitz, Otto H. Falk, H. A. J. Upham, Geo. C. Swallow, O. C. Fuller, W. C. Quarles, and J. Nunnemacher.

FIELD MEN AND TERRITORY COVERED: General agents: Harry Fox for Chi. and Cook Co., 175 W. Jackson Blvd, Chicago, Ill.; E. L. Griebeling for Clev., Cuyahoga Co., Cleveland, O., 710-711 Park Bldg.; Wm. L. Perrin & Son for New York City, 78 Maiden Lane, New York City, N. Y.; State agents: H. F. Avery for Colo., Wyo., Ariz. and N. M., Colo. Springs, Colo.; O. W. Loomes for Ore. and Wash., Seattle, Wash.; John Bohen for No. Ill., Freeport, Ill.; H. E. Bonning for O. and W. Va., Cincinnati, O.; Walter L. Burkhardt for Ida., Mont. and Utah, Helena, Mont.; C. W. Childress for Tex., and La., Fort Worth, Tex.; Chas. F. Engle for Ind., Indianapolis, Ind.; A. W. Freeman for Ia., Decorah, Ia.; Etienne Givernaud for Mass., Conn., R. I., Vt. and N. H., Boston, Mass. John A. Hanson for Minn., N. D. and S. D., St. Paul, Minn.; R. Wilson Hoffman for Pa. and N. J., Harrisburg, Pa.; Fred N. Strudwick for Va., N. C. and S. C., Greensboro, N. C.; Geo. P. Keesberger for Mich., Detroit, Mich.; H. L. Maury for Ky., Tenn. and Ark., Louisville, Ky.; W. W. Orebaugh for Kan., Okla. and Neb., Wichita, Kan.; Chas. A. Proudft for Mo., Kansas City, Mo.; W. B. Wilkinson for Fla., Ga. and Ala., Atlanta, Ga.; R. E. Replinger for Wis., Milwaukee, Wis.; L. W. Rich for Ia. (Ger. Und.) & (Sur.), Des Moines, Ia.; Dan T. Smith for So. Ill., Winchester, Ill.; Robt. Wechsberg for German Underwriters, Ill. (So.), Mich., Ind. and O., Indianapolis, Ind.; R. H. Wieben for German Underwriters, Wis.; Mich., Minn., and Ill., Milwaukee, Wis.; Paul N. Schuengel, special agent for Wis., Milwaukee. This company does business in all the States in the United States excepting Alas., Cal., Del., Haw., Me., Miss. and Nev.

MINNEAPOLIS FIRE AND MARINE INSURANCE COMPANY, Minneapolis, Minn.†

President, F. C. Van Dusen; Secretary, Alfred Stinson; Assistant Secretary, F. M. Merigold. Organized, 1932.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$679,310	\$204,287	\$242,554	\$247,347	\$336,000	\$97,750	\$30,000	\$119,430	\$237,180	\$114,400
1913	575,415	133,338	228,138	171,633	250,316	61,221	20,000	80,303	161,524	52,763
1912	488,387	75,824	197,190	*36,893	102,365	*98,734	20,000	52,971	171,705	79,596
1911	558,907	149,528	175,114	181,683	207,261	142,834	20,000	64,751	227,615	133,951
1910	577,556	183,421	153,580	188,698	232,718	310,976	22,125	63,867	396,968	271,917

* Relatively small net premiums and heavy losses due to cancellation of much business taken through reinsurance contracts prior to 1912.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$363,575	Losses unpaid.....	\$23,692
Bonds and stocks.....	188,351	Unearned premis.....	204,287
Cash.....	77,314	Other liabilities.....	8,777
Agents' balances.....	37,611		
Interest.....	12,459	Total liabilities.....	\$236,756
		Capital paid up.....	200,000
		Net surplus.....	242,554
Total assets.....	\$679,310	Total.....	\$679,310

Underwriting profit, \$2,219; investment profit, \$32,198.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$30,926,449; premiums thereon, \$352,173.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,888,952; losses paid, \$1,759,418; dividends declared, cash, \$216,800; stock, \$40,000.

MORTGAGE LOANS: There are 127 loans, aggregating \$363,575, protected by Minn., Wis., N. D. and S. D. real estate, valued at \$1,173,248. There was \$962 of interest past due on December 31, last. The company holds \$129,390 of insurance on the buildings. There are but 6 loans in excess of \$5,000, the largest being \$11,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Minn. Gas Lt., 1930, 5%.....		\$10,000	\$9,800
Grand Forks, G. & E., 1925, 5%.....		25,000	23,500
Terre Haute Tc. & Lt., 1944, 5%.....		10,000	9,700
Henderson, 1917, 5%.....		10,000	10,100
Co. of Roseau, 1915, 4½%.....		10,000	10,000
Ellendale, N. D., 1924-29, 6%.....		6,000	6,270
S. D. Cent. Ry., 1927, 5%.....		10,000	9,100

† Formerly Winona Fire; name changed in 1911.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Minot, N. D., 1928, 6%.....		\$20,000	\$21,400
Custer Co., N. D., 1922, 4%.....		1,000	940
Clay Co., S. D., sc. dis. 28, 1915-17, 5%.....		1,400	1,406
Butte El. & Pow., 1911, 5%.....		11,000	10,560
Deuel Co., S. D., sc. dis. 58, 1917, 5%.....		800	800
Chi. Ry., 1927, 5%.....		10,000	9,900
West Hope, 1927, 6%.....		2,000	2,140
Co. of Martin, Minn., 1929-32, 6%.....		4,500	5,113
St. Cloud, Minn., sc. dis., 1915-18, 4%.....		10,000	9,807

STOCKS.		Par Value.	Market Value.
1st Nat. Bk., Minneapolis.....		2,500	7,525
Nwn. Nat. Bk., Minneapolis.....		10,000	28,000
Security Nat. Bk., Minneapolis.....		2,500	12,500
Totals (book value, \$183,589).....		\$156,700	\$188,561

MISCELLANEOUS: This company was organized in 1902 as the Winona Fire, with a paid-up capital of \$130,000, and a surplus of \$50,000, and early in 1911 changed its name to the Minneapolis Fire and Marine. Capital increased in 1904 to \$160,000 and in 1906 to \$200,000 by stock dividend.

DIRECTORS: F. C. Van Dusen, A. G. Moritz, J. D. McMillan, A. Stinson, G. C. Bagley, J. R. Marfield, P. L. Howe, Chas. W. Sexton, C. A. Brown, W. C. Helm.

TERRITORY COVERED: Special agents: A. W. Fleming, for O., Pa. and part of Mich.; H. G. Karow, and C. H. Mandeville, for Wis. and part of Mich.; F. E. Nelson and J. A. Haas for Minn.; F. D. Young for Ia.; F. W. Merigold for Mont.; J. W. Walsh, for S.D.; G. W. Funk for N.D. The company is licensed in Colo., Ill., Ia., Mass., Mich., Minn., Mont., Neb., N. J., N. Y., N. D., O., Pa., S. D., Wis. and B. C.

MINNESOTA FIRE INSURANCE COMPANY, Chatfield, Minn.

President, Joseph Underleak; Secretary, S. E. Bibbins; Organized, 1909.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$201,942	\$52,911	\$23,847	\$97,318	\$111,101	\$54,768	\$5,771	\$31,674	\$92,213	\$66,681
1913	181,875	38,176	31,952	72,220	81,471	40,321	15	31,137	71,473	34,889
1912	169,702	31,620	24,586	64,509	73,340	40,950		33,424	74,374	43,343
1911	175,598	35,412	29,454	103,993	119,699	51,803	5,001	47,358	104,162	53,577
1910	159,111	21,978	29,678	54,582	65,818	30,535		26,390	56,925	29,389

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$15,288	Losses unpaid.....	\$12,394
Mortgage loans.....	94,196	Unearned premis.....	52,911
Bonds and stocks.....	26,080	Other liabilities.....	9,250
Cts. of deposit.....	28,000		
Cash.....	12,905	Total liabilities.....	\$75,055
Agents' balances.....	22,068	Capital paid up.....	103,040
Interest and rents.....	3,143	Net surplus.....	23,847
Other assets.....	262		
Total assets.....	\$201,942	Total.....	\$201,942

Underwriting loss, \$18,095; investment profit, \$16,098.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,896,104; premiums thereon, \$100,590.

BUSINESS SINCE ORGANIZATION: Premiums received, \$338,910; losses paid, \$217,865; dividends declared, cash, \$12,736.

REAL ESTATE OWNED: Consists of 9 pieces carried at \$15,288. Two of these pieces are Canadian farm lands, 1,280 acres; five pieces of North Dakota farm lands, consisting of 880 acres; one piece of village property in Chatfield, also 200 acres farm land in Minn.

MORTGAGE LOANS: There are 61 loans aggregating \$94,196, protected by farm property in Minn., N. D. and S. D., valued at more than double the amount loaned thereon. \$340 of interest was past due on December 31, last.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
St. Petersburg Cy., Fla., 1941, 6%.....		\$5,000	\$5,250
Peoples Tl. p. stk.....		400	400
Peoples Tl. c. stk.....		15,200	15,200
Greenwood Prairie Tl.....		5,230	5,230
Totals (book value, \$25,930).....		\$25,830	\$26,080

DIRECTORS: F. G. Stoudt, F. L. Tesco, D. B. Franklin, Maddock, Jos. Underleak, L. D. Harkins, H. A. Baldwin, S. E. Bibbins, C. L. Thurber.

FIELD MEN AND TERRITORY COVERED: John Nacht & Co., 29 So. La Salle st., Chicago, Ill., for Ill.; F. H. Wild, Fargo, N. D., State agent for N. D.; N. S. Tyler, Sioux Falls, S. D., State agent for S. D.; Jas. S. Kemper, Chicago, Ill., for Ia.; J. J. Deane & Co., Indianapolis, Ind.; W. C. Johnson & Co., Boston, Mass., and C. W. Smith, San Francisco, Cal. The company is licensed in Minn., N. D., and S. D.

MONTANA FIRE INSURANCE COMPANY, Butte, Mont.

President, W. R. Allen; Secretary, C. M. McCoy; Manager, Thos. T. Frith. Organized, 1912.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$397,715	\$45,975	\$86,595	\$57,222	\$88,987	\$19,901	.....	\$56,067	\$75,968	\$24,877
1913	340,940	32,545	73,120	37,708	92,293	6,669	.....	47,190	53,859	6,669
1912	219,149	21,678	10,535	40,579	308,673	5,593	.....	48,658	54,251	7,693

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$322,462	Losses unpaid	\$4,976
Bonds and stocks	20,921	Unearned premiums	45,975
Cash	24,738	Other liabilities	10,779
Agents' balances	10,860	Total liabilities	\$61,730
Interest and rents	15,098	Capital paid up	249,390
Other assets	4,136	Net surplus	86,595
Total assets	\$397,715	Total	\$397,715

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
City of Libby	.....	\$4,200	\$4,200
Round Up Water Co.	.....	1,000	1,000
City of Butte	.....	7,500	7,500
City of Whitefish	.....	9,221	9,221
Totals	.....	\$20,921	\$20,921

MISCELLANEOUS: This company commenced business February 2, 1912, with a subscribed capital of \$200,000 and an initial surplus of \$120,000.

DIRECTORS: W. R. Allen, E. E. Esselstyn, C. M. McCoy, John G. Brown, W. Lee Mains, T. J. Neray, George A. Loasby, David Hilger, T. J. Bennetts, W. H. Sales, H. B. Wiley, Wm. Lindsay, H. Clay Groff.

FIELD MEN AND TERRITORY COVERED: Richard Lockey, Jr., special agent for Mont., Butte, Mont. The company operates in Mont. only.

Underwriting loss, \$20,041; investment profit, \$21,358.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,581,507; premiums thereon, \$86,955.

BUSINESS SINCE ORGANIZATION: Premiums received, \$127,684; losses paid, \$32,163.

MORTGAGE LOANS: There are 51 loans, aggregating \$322,462, protected by farm real estate in Mont. and Ida. There was \$6,677 of interest past due on December 31, last. The land mortgage is valued at \$668,096 and the buildings thereon are valued at \$113,870. The company holds fire insurance to the amount of \$7,650.

NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, Hartford, Conn.†

President, H. A. Smith; Chairman of Board, James Nichols; Secretary, Geo. H. Tryon; Assistant Secretaries, F. D. Layton, S. T. Maxwell, C. S. Langdon, E. E. Pike; Treasurer, F. B. Seymour; Assistant Treasurer, W. J. Fredrick. Organized, 1871.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$16,049,725	\$8,909,008	\$3,606,175	\$8,643,551	\$9,265,765	\$4,858,881	\$400,000	\$3,490,812	\$8,749,693	\$5,064,975
1913	15,495,762	8,140,336	4,082,441	8,454,041	9,070,194	4,408,904	400,000	3,463,429	8,272,333	4,381,437
1912	14,982,673	7,862,927	3,897,205	7,809,925	9,565,461	3,947,105	244,430	3,161,963	7,353,498	3,939,666
1911	11,837,740	7,212,864	2,630,276	7,914,216	8,383,237	3,774,939	200,000	3,333,917	7,308,856	3,673,450
1910	10,782,293	6,075,295	2,645,909	7,138,059	7,514,311	3,007,438	200,000	2,739,761	5,947,199	3,150,691

† Connecticut standard.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$802,567	Losses unpaid	\$875,194
Mortgage loans	1,739,775	Unearned premiums	8,909,008
Bonds and stocks	10,528,589	Contingent fund	300,000
Cash	1,447,278	Other liabilities	359,349
Agents' balances	1,352,931	Total liabilities	10,443,550
Interest	161,053	Capital paid up	2,000,000
Other assets, net	217,532	Net surplus	3,606,175
Total assets	\$16,049,725	Total	\$16,049,725

Underwriting loss, \$737,485; investment profit, \$776,489.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,082,766,764; premiums thereon, \$17,073,122.

BUSINESS SINCE ORGANIZATION: Premiums received, \$13,549,315; losses paid, \$59,580,652; dividends declared, cash, \$4,121,430; stock, \$100,000.

REAL ESTATE OWNED: The principal parcel is the company's home office, a brick building at 95 Pearl st., Hartford, of which the actual cost was \$496,142, and the market value \$445,000. The only other important property is 424 Walnut st., Philadelphia, an office building, book value \$60,900, carried at \$70,000. There are 7 other items, mostly dwellings in Hartford, St. Paul and Peoria, Ill.; net income last year, \$20,158.

MORTGAGE LOANS: The 335 loans aggregate \$1,739,775 and are protected by real estate valued at \$5,809,125, the insur-

ance held by the company amounting to \$1,359,250. These loans cover property in 12 States, the bulk, however, being situated in Kan., Ia., Neb., Mo. and Ill. The largest loans are as follows: \$37,000 on lots and hospital in Fort Dodge, Ia., valued at \$80,000, \$49,000 on brick school and hospital in Cedar Rapids, Ia., valued at \$185,000; \$40,000 on 151-157 No. Lawrence ave., Wichita, valued at \$140,000; \$100,000 on S. E. Cor. 8th and Jackson sts., Topeka, Kan., valued at \$175,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Albany, N. Y., st. imp., 1862, 4½%	.....	\$50,000	\$54,000
Augusta, Ga. hosp., 1942, 4½%	.....	39,000	39,000
Bridgeport, Conn., cs., 1924, 4½%	.....	25,000	24,750
Buffalo, N. Y., wat. r., reg., 1919-20, 4½%	.....	25,000	24,750
Coal Creek Drain & L. dis., Ill., d. 1916, 6%	.....	2,000	2,020
Dallas, Tex., per. st. imp., 1950, 4½%	.....	100,000	98,000
Dexter Sc. Dis. No. 8, N. M., 1936, 6%	.....	3,200	3,232
E. Hartford, Conn., wat. fd., 1942, 4½%	.....	60,000	52,500
Farms Sc. No. 2, N. M., 1936, 6%	.....	3,000	3,060
Findley, Ill., El. Lt., 1918, 5%	.....	4,000	4,000
Florence, S. C. Wat. Wks., 1950, 5%	.....	25,000	25,750
Ft. Wm., Can., sr. d., 1933, 5%	.....	100,000	96,000
Ft. Wm., Can., d., 1932, 5%	.....	25,000	24,000
Ft. Wm., Can., d., 1942, 5%	.....	25,000	23,750
Ga., 1915, 4½%	.....	10,000	10,000
Greenville, S. C., sr., 1942, 5%	.....	25,000	26,500
Groton, Bor. Conn., wat. ln., 1924, 4½%	.....	10,000	9,900
Hamilton, Ont., d., 1927, 4%	.....	50,000	46,500

NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, Hartford, Conn.—Cont.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.	BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.				BONDS.—Cont.			
Hartford, Conn., riv. bg., 1954-55, 3½%	\$102,000	\$90,780		H. Riv. & Pichester R.R., n., 1915, 5%	\$25,000	\$23,500	
Highwood, Ill., sep. tk., 1915, 5%	500	500		Ind. & Ia. R.R., 1 m., 1950, 4%	50,000	44,000	
Hillview Dr. Lev., Ill., 1915, 6%	7,000	6,930		K. & Col. Pac. Ry., 1 r. m., 1938, 6%	50,000	48,000	
L. Arthur sc. dia., 20, N. M., 1936, 6%	6,500	6,565		Kan. Cy. El. Ry. g. m., 1922, 6%	100,000	102,000	
London, Ont., d., 1944, 5%	100,000	106,000		K. Cy. Ft. S. & Mem. R.R., r. m., 1936, 4%	110,000	80,300	
Los Angeles, harb., 1916, 4½%	15,000	15,000		K. Cy. So. Ry. eq. m., 1920, 5%	50,000	50,000	
Maisonneuve, Can., d., 1946, 4½%	25,000	23,000		L. E. & W. R.R., 2 m., 1941, 5%	25,000	23,750	
Maisonneuve, sc. com., Can., 1950, 4½%	50,000	43,000		L. S. & M. So. Ry., 1931, 4%	50,000	47,000	
McGee Ch. Lev. & Drain, Ill., 1917-19, 8%	15,000	15,000		Leh. & H. Riv. Ry., d., 1920, 4%	25,000	23,750	
Minneapolis, hosp., 1941, 4%	25,000	24,500		Leh. Val. Tm. Ry., 1 m., 1941, 5%	50,000	55,500	
Minneapolis Wat. Wks., 1920, 4%	25,000	24,750		Leroy & Caney Val. A. L. R.R., 1926, 5%	45,000	42,300	
Moose Jaw, Can., d., 1933, 5%	50,000	48,000		L. & Mad. Ry., 1 m., 1934, 5%	75,000	66,000	
Mound City, Kan., r., 1930, 5%	500	500		L. & N. R.R. P. & M., 1 m., 1946, 4%	125,000	113,750	
Murphysboro, Ill., imp., 1915-18, 5%	1,600	1,613		M. D. & S. R.R., 1 m., 1947, 5%	75,000	72,750	
New Britain, Conn., ar., 1936, 4%	20,000	19,600		Mason Cy. & Ft. D. R.R., 1 m., 1955, 4%	75,000	45,000	
New Britain, Conn., blg., 1948, 4%	10,000	9,800		Midland Val. R.R., 1 m., 1943, 5%	50,000	45,000	
New Britain, sc., 1918-30, 3½%	44,000	41,440		Millen & Swm. R.R., 1 m., 1955, 5%	50,000	47,500	
N. Mex., def., 1917, 6%	25,000	25,750		M. & St. L. R.R., 1 ca. m., 1934, 5%	45,000	40,050	
N. Mex., d., r., 1953, 4½%	10,000	10,500		Minn. & St. L. R.R., 1 & r. m., 1949, 4%	25,000	10,000	
Hartford, Conn., sc., 1931, 3½%	5,000	4,650		M. L. & M. Ry. & M. St. Ry., 1 m., 1919, 5%	25,000	25,250	
Norwalk, Conn., pav., 1931, 4½%	25,000	26,000		Mias. Cent. R.R., 1 m., 1949, 5%	50,000	46,000	
Nutwood drain. & lev., Ill., 1916, 6%	4,000	4,040		Mo. K. & O. R.R., 1 m., 1942, 5%	50,000	49,000	
Omaha, Neb., lib. blg., 1932, 4½%	50,000	51,000		Mo., Kan. & Tex. Ry., 1 & r., 2004, 4%	25,000	14,250	
Opelika, Ala., sc., 1934, 5%	20,000	19,600		Mo. K. & Tex. Ry. St. L. Div., 2001, 4%	50,000	35,000	
Ottawa, Can., imp. d., 1917, 3½%	16,000	15,520		Mo., Kan. & Tex. Ry., 1 m., ext. 1944, 5%	20,000	18,000	
Portland, Ore., wat. l., 1923, 5%	50,000	52,500		Mo. Pac. Ry., 1 ca. m., 1920, 6%	100,000	102,000	
Portland, Ore., pk. & blvd., 1937, 4%	100,000	97,000		Mut. Tm., 1 m., 1924, 4%	25,000	23,500	
Richmond, Va., reg., 1923-43, 4%	52,000	49,960		N. C. & St. L. Ry. Cent. Br., 1923, 6%	15,000	16,350	
St. Hyacinthe, Can., d., 1953, 5%	50,000	45,000		N. C. & St. L. Ry., 1 ca. m., 1928, 5%	45,000	48,600	
Stamford, Conn., sc., 1941, 4½%	50,000	53,000		New Lon. No. R.R., 1 m., 1940, 4%	25,000	20,750	
Toronto, Can., es. l. d., 1948-21, 4%	63,933	58,839		N. M. Ry. & Coal. 1 m. & col. tr., 1947, 5%	91,000	89,180	
Toronto, Can., l. imp. d., 1932, 4%	30,000	27,900		N. O. Ry. & Lt. gn. m., 1935, 4½%	25,000	20,250	
Victoria, Can., d., 1923, 4%	25,000	23,250		N.Y.C. & H. Riv. L.S. Col., 1998, 4½%	75,000	58,500	
Ala., Tenn. & No. R.R., 1 m., 1956, 5%	150,000	135,000		N. Y. C. & H. Riv., & B. & A., eq. tr., 1921-23, 4½%	100,000	99,000	
Ala., Tenn. & No. Ry., g. n., 1917, 6%	20,000	20,000		N.Y., N. H. & H. R.R., cv. d., 1948, 6%	2,700	2,862	
Atl. & Birm. Ry., 1 m., 1934, 5%	20,000	17,600		N.Y. Rys., 1 r. e. & r. m., 1942, 4%	19,000	14,440	
Atl. C. L. R.R., un. m., 1959, 4%	50,000	46,500		N.Y. Rys., adj. m. inc., 1942, 3.6%	57,000	30,780	
Atl. & Dan. Ry., 1 m., 1948, 4%	100,000	89,000		Nodaway Val. R.R., 1 m., 1920, 7%	2,000	2,040	
Aug. Tm. Ry., 1 m., 1947, 6%	125,000	140,000		Nor. So. R.R., 1 r., 1961, 5%	78,000	73,320	
A., E. & C. Co., 1 r., 1946, 5%	75,000	68,250		Nwn. Pa. R.R., 1 m., 1941, 5%	75,000	67,500	
B. & O. R.R., cv., 1933, 4½%	25,000	23,000		Nwn. Tm. R.R., 1 m., 1926, 5%	95,000	77,900	
B. & O. R.R., P. L. E. & W. Va., 1941, 4%	50,000	43,500		Ore. S. L. R.R., 1 m., 1922, 6%	25,000	27,500	
B. & So. Ry., 1 m., 1961, 6%	50,000	49,000		Ore. S. L. Ry., r., 1929, 4%	16,000	14,720	
B., E. & B. R.R., 1 m., 1941, 5%	25,000	12,000		P. & P. Un. Ry., 2 m., 1921, 4½%	104,000	90,480	
Bkly. Un. El. R.R., 1 m., 1950, 5%	50,000	51,500		Phila., d., 1922, 5%	50,000	48,000	
B. & L. Tc., 1 m., 1928, 5%	25,000	22,000		P. & S. R.R., 1 m. s. f., 1959, 5%	100,000	90,000	
B. Ry., 1 ca. m., 1931, 5%	25,000	25,750		P. Tm. R.R. & C., 1 m., 1942, 5%	55,000	44,000	
Burl. C. R. & N. Ry. ca. 1 m., 1934, 5%	10,000	10,200		R. & Spt. Ry., 1 m., 1965, 5%	85,000	83,300	
Bush Tm., ca. m., 1955, 5%	25,000	23,250		Rio Grande Jr. Ry., 1 m., 1939, 5%	50,000	49,000	
Can. So. Ry., ca. gr., 1962, 5%	50,000	53,000		R. I. Frisco Tm., 1 m., 1927, 5%	25,000	23,250	
C. C. & O. Ry., 1 m., 1938, 5%	55,000	54,450		St. L. & S. F. R.R., 1 m., N. O., T. & M., 1940, 5%	50,000	10,000	
C. C. & O. Ry., eq. n., 1920, 5%	25,000	25,000		St. L., I. M. & S. Ry., R. & G., 1933, 4%	41,000	29,950	
C. Br. Un. Pac. Ry., 1 m., 1948, 4%	50,000	38,000		St. L. R. M. & P., 1 m., 1955, 5%	130,000	101,400	
Cent. of Ga. Ry., Chat., 1951, 4%	25,000	22,000		St. L. Transit, 1924, 5%	100,000	68,000	
C. Vt. Trans., temp. stambip., 1917, 5%	50,000	49,000		St. P. Cy. Ry. cable, ca. m., 1937, 5%	50,000	52,000	
Ches. & O. Ry., 1 ca. m., 1939, 5%	60,000	64,200		S. Air Line R.R., r. m., 1959, 4%	50,000	37,000	
Ches. & O. Ry., R. & A. 2 m., 1989, 4%	71,000	58,220		S. Air Line Ry. Atl. B., 1 m., 1933, 4%	100,000	85,000	
C. & E. Ill. R.R., gn. ca. & 1 m., 1937, 5%	85,000	63,750		S. & B. R.R., 1 m., 1926, 5%	50,000	52,000	
Chi. & Erie R.R., 1 m., 1982, 5%	85,000	91,800		So. Pac. R.R., 1 r., 1955, 4%	89,000	81,885	
Chi. & Ind. C. Ry., 1 m., 1936, 6%	50,000	15,500		So. Ry., 1 ca. m., 1994, 5%	55,000	57,750	
C. H. & W. R.R., 1 m., 1927, 6%	98,000	108,480		So. Ry., 1 m., Mem. Div., 1996, 5%	60,000	63,000	
C. P. & St. L. Ry. pr. ln. m., 1930, 4½%	50,000	39,000		So. Ry., 1 m., St. L. Div., 1951, 4%	35,000	30,450	
Chi. Rys., pur. m. m., 1927, 4%	25,000	17,000		T. & J. Ry., 1 m., 1949, 5%	50,000	37,500	
C. R. I. & P. Ry., eq. d., 1918-25, 4½%	30,000	28,500		T. & P. Ry., 1 m., La. Div., 1931, 5%	100,000	94,000	
C. R. I. & P. Ry., eq. G., 1920, 4½%	50,000	46,500		T. & O. C. Ry., W. 1 m., 1935, 5%	114,000	118,560	
C. St. P. M. & O. R.R., ca. m., 1930, 6%	50,000	60,000		Tol. Tm. R.R., 1 m., 1957, 4½%	50,000	37,500	
C. St. P. M. & O. R.R., d., 1930, 5%	100,000	102,000		U. & Del. R.R., 1 ca. m., 1928, 5%	50,000	51,000	
C. St. L. & N. O. R.R., 1951, 5%	175,000	192,500		Un. Tm., Dallas, 1 m., 1942, 5%	55,000	54,450	
C. T. H. & S. Ry., 1 & r., 1960, 5%	100,000	80,000		Vandalia R.R., ca. m., 1957, 4%	50,000	46,500	
C. & W. Ind. R.R., ca. m., 1952, 4%	100,000	84,000		Va. Ry., 1 m., 1962, 5%	100,000	98,000	
Choc. & Mem. R.R., 1949, 5%	50,000	49,500		Wabash R.R., 1 m., 1939, 5%	25,000	25,750	
C. H. & D. Ry., gn. m., 1939, 1%	43,000	15,050		W. C. F. & N. Ry., 1 m. s. f., 1940, 5%	25,000	21,250	
C. I. & W. Ry., 1 & r. m., 1953, 4%	25,000	12,500		W. Md. R.R., 1 m., 1952, 4%	25,000	15,500	
C. C. & C. St. L. Ry., d., 1931, 4½%	50,000	40,500		W. & L. E. Ry., 1 m., 1926, 5%	50,000	50,500	
C. L. & W. R.R., 1 m. g., 1933, 5%	150,000	159,000		W. & L. E. R.R., 1 ca. m., 1949, 4%	75,000	53,500	
Colo. Sptg. & C. Ch. Ry., ca., 1942, 5%	25,000	22,500		Amer. Pow. & Lt., n., 1921, 6%	25,000	24,500	
D. & Rio G. R.R., imp. m., 1928, 5%	75,000	62,250		Buff. Gn. El., 1 r., 1939, 5%	50,000	49,500	
Denver Twy. Tm., 1 m., 1931, 5%	25,000	24,250		Bush Tm. Blgs., 1 m., 1960, 5%	135,000	117,400	
E. J. & E. Ry., 1 m., 1941, 5%	50,000	52,500		Conn. River, 1 m., 1934, 6%	25,000	25,750	
E. & Ind. R.R., 1 ca. m., 1926, 6%	25,000	15,000		Galveston Wharf, 1940, 5%	25,000	25,500	
Fitchburg R.R., 1932, 4½%	25,000	23,500		Huron & Erie L. & Sav., d., 1915, 4½%	25,000	25,000	
F. & P. M. R.R., ca. m., 1939, 5%	65,000	43,550		H. & Erie L. & Sav., d., 1916, 4½%	50,000	50,000	
Ft. W. & D. Cy. Ry., 1 m., 1921, 6%	170,000	178,500		Mtg. Bd., 1932, 5%	25,000	24,750	
G. H. & S. Ant. Ry., 1 m., M.-P., 1931, 5%	50,000	51,500		Orange Co. Ltg., 1 m., 1925, 5%	25,000	24,250	
Ga. & Ala. Ry., 1 ca. m., 1945, 5%	25,000	26,250		Pac. Lt. & P. Cp., 1 & r. s. f. A., 1951, 5%	25,000	20,750	
Gd. T. Ry., Can., eq. n., 1918, 4½%	100,000	98,000					
Gulf Tm., 1 m., 1957, 4%	50,000	42,000					

NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, Hartford, Conn.—Cont.

Bonds and Stocks Owned.—Cont.	Par Value.	Market Value.
Bonds.—Cont.		
Rockford, Ill. B.P.O.E., 1 m., 1941, 5%	\$200	\$200
Western Union Tg., col. tr., 1938, 5%	10,000	9,500
W. U. Tg., col. tr., 1938, 5%	25,000	25,510

Stocks.	Par Value.	Market Value.
Atch. T. & S. F. R.R., p.	4,500	4,635
Chi. & E. Ill. R.R., com.	25,000	2,500
Chi. & E. Ill. R.R., p., tr. etfs.	100,000	40,000
Chi. Gt. W. Ry., p.	55,000	20,900
Chi. R. I. & Pac. Ry.	25,700	8,425
C. St. P. M. & O. Ry., p.	30,000	42,000
Ca. R.R. & Bkg.	20,000	52,000
Ill. Cent. R.R.	27,400	30,688
La. & Nashville R.R.	36,000	49,680
Mobile & O. R.R., So. Ry.	20,000	15,000
N. H. El. Ry., com.	14,700	1,029
N. H. El. Ry., p.	12,500	5,750
N. Y. N. H. & H. R.R.	50,000	27,500
Nor. & W. Ry., adj., p.	15,400	13,706
Pa. R.R.	37,850	42,013
Peoria & Bur. Val. R.R.	15,000	21,000
St. J. S. B. & So. R.R., com.	37,800	9,450
St. J. S. B. & So. R.R., p.	2,700	2,700
So. Ry., p.	8,000	5,440
So. N. J. R.R. & Canal	10,000	22,500
U. C. & B. R.R., gr. 5% D. & H. R.R.	25,000	25,000
Attna Nat. Bk., Hartford	6,000	19,200
Charter Oak Nat. Bk., Hartford	72,200	122,740
Columbia Cent. Nat. Bk., N. Y.	2,500	4,425
City Bk., Hartford	4,600	5,106
First Nat. Bk., Hartford	50,000	88,000
Nat. Exch. Bk., Hartford	75,000	121,500
Cent. & So. Amer. Tg.	20,000	21,200
Colonial Securities	199,500	1,007,475
Com'l. Union Tg.	25,100	25,100
Hartford Gas La., com.	7,500	19,500
Hartford Gas Light, p.	7,500	15,000
No. Cent. Coal, Mo.	25,000	2,500

Totals (book value, \$10,684,137)..... \$10,605,583 *\$10,668,393

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Capital decreased in 1872 from \$500,000 to \$350,000, and promptly restored; increased in 1878 to \$800,000 by stock dividend; increased in 1881 to \$1,000,000; increased in 1912 to \$2,000,000. This company guarantees the policies of the Colonial Fire Underwriters of Hartford, the Columbia Fire Underwriters of Omaha, Neb., and the Germania Fire Underwriters of Omaha, Neb. The Colonial Securities Co., of which the National is practically the owner, controls the Mechanics & Traders Insurance Co. of New Orleans. Conflagration losses: Boston, 1872, \$161,800; Baltimore, 1904, \$720,000; Paterson, 1902, \$133,100; San Francisco, 1906, \$2,583,824; Salem, 1914, \$761,927. Values of special deposits: Va., \$49,960; Ga., \$10,000; N. M., \$10,000; Can., \$381,400.

DIRECTORS: James Nichols, John R. Buck, E. Y. Judd, Francis T. Maxwell, Chas. H. Briscoe, Ralph H. Ensign, L. A. Barbour, Fred S. James, Charles Cheney, Harry A. Smith, Geo. H. Burr, Fred F. Small.

FIELD MEN AND TERRITORY COVERED: Home office department: C. B. Boulet, general agent; W. H. Lewis and G. W. Roberts, Boston, Mass., special agents for Me., N. H., R. I. and eastern Mass.; G. F. Cowee, Hartford, Conn., special agent for Conn., Vt. and Western Mass.; F. H. Burnham, Rutland, Vt., special agent for Vt.; Colonial: C. A. Rich, Rochester, N. Y., special agent for western New York, and F. L. Owen, Albany, N. Y., special agent for eastern New York; L. C. Cameron, New York City, general adjutant; L. C. Breed, New York City, special agent for N. Y. Suburban; R. C. Alton, New York City, special agent for So. N. Y.; F. R. Payne, Far Rockaway, special agent for So. N. Y. Colonial; R. M. Wickham, State, and J. B. Thompson, special agents, Newark, N. J., for N. J.; A. G. Kennigott, Wheeling, W. Va., special agent for W. Va. Colonial Branch; S. C. Rombach and Wm. C. Goodwin, Philadelphia, special agents for E. Pa.; A. A. Warfield, Washington, D. C., special agent for Va., Md. and D. C.; Henry M. Zweig, Pittsburgh, Pa., special agent for W. Pa.; Akred Paul & Son, Wheeling, W. Va., State agents for W. Va.; R. G. Hayes, Charlotte, N. C., special agent for N. C. and S. C.; Hugh T. Powell, Atlanta, Ga., special agent for Ga. and Ala.; H. C. Hare & Co., Jacksonville, general

agents for Fla.; Gilpin, Van Trump & Montgomery, Wilmington State agents for Del.; Colonial Branch Southern department Columbia, S. C.; Edwin G. Seibels, manager; John J. Seibels, assistant manager. Burton D. Dechert, special agent, Richmond, Va. for Va. and S. C.; Charles B. Robb, special agent, Columbia, S. C. for S. C. and N. C.; A. L. Brooks, executive special agent, Atlanta, Ga., for Ala.; T. H. Brooks, special agent, Atlanta, Ga., for Ga.; Chas. M. Hilliard, special agent, Tampa; J. Walter Hilliard, special agent, Palatka, Fla., for Fla. Gulf department, 144 Carondelet St., New Orleans, La.—Emery & Norton, general agents for Miss. and La.; Walter H. Witty, special agent, New Orleans, La. Southwestern department, Dallas, Tex.—Tresavant & Cochran, general agents for Tex., Ark., Okla. and Colonial Branch, La.; R. M. Anderson, Dallas, Tex., executive special agent; special agents: J. K. Shepherd and Allan H. Dixon, Little Rock for Ark.; Jack H. Price and D. H. Houseman, Okla. City for Okla.; E. E. Wright and W. E. Horton, Jr. (Colonial only), New Orleans, for La.; F. A. Nisbet for Northeast Tex., Dallas; Jos. G. Smith, for Northwest Tex., Dallas; San Antonio, M. M. Overby for Southwest Tex., San Antonio; V. B. Wright, for E. and Southeast Tex., Palestine; adjuster, Sam Powell, Dallas, for Central Tex.; E. E. Robinson, Dallas, Tex., inspector. Maritime department, Amherst, Nova Scotia, Can.—Douglas, Rogers Co. Ltd., general agents for New Brunswick, Nova Scotia, Prince Edward Islands and Newfoundland; E. L. Beer and A. H. Hatfield, special agents. Ontario department, Toronto, Ont.—Can.—Smith, MacKenzie & Hall, general agents for Ont. East of Sault Ste. Marie; David Watt, special agent, Toronto, Ont. Western department, 175 W. Jackson Blvd., Chicago, Ill.; Fred S. James, general agent, Geo. W. Blossom, assistant general agent, and George H. Bell, assistant general agent; H. T. Carledge, agency superintendent. Illinois: D. E. Monroe, State agent, Chicago, Ill.; W. T. Bisbee, special agent Cook County. A. E. Owens and L. F. Knauer, special agents, Chicago, Ill. C. W. Bates, special agent, Athens, Ill. Indiana: F. G. Degendorf, State agent, W. H. Gabriel, special agent, Lemcke Annex, Indianapolis, Ind.; Jas. A. Bawden, special agent Colonial Fire Underwriters, Lemcke Annex, Indianapolis, Ind. Iowa: W. W. Waddell, State agent, and J. G. Kinney and R. S. Bartlett, special agents, Des Moines, Ia. Kansas: Theo. & W. L. Gardner, State agents, C. M. Hill, J. L. Galbreath, Frank L. Britton, special agents, Topeka, Kan. John D. Flintier, special agent, Kansas City, Mo. Kentucky: David Caldwell, State agent, Louisville, Ky. Michigan: Charles Row, State agent, Clyde B. Smith and E. W. Bell (Colonial) special agents, Lansing, Mich. Minnesota and North Dakota: F. F. Wirth, State agent, Louis L. Neugeb, special agent, Minneapolis, Minn. Missouri: D. C. Monroe, Chicago, Ill., State agent for St. Louis, Mo.; H. C. Garlick, special agent outside of St. Louis, Kansas City, Mo. M. D. Mayhugh, special agent, Kansas City, Mo. Nebraska: A. J. Love, State agent, Omaha, Neb.; W. H. Elbourn, special agent So. Norfolk, Neb.; James H. Casebeer, special agent, Blue Springs, Neb.; H. C. Dunker, special agent, Lincoln, Neb.; W. H. Miller, special agent, Omaha, Neb., and Adam Gross, special agent, Hastings, Neb. Ohio: Geo. W. Thrush and Geo. G. Gross, special agents, Columbus, O. A. W. Ross, special agent, Colonial Fire Underwriters, Columbus, O. So. Dakota: E. D. Morcom, State agent, Sioux Falls, S. D. Tennessee: Cooper & Hall, State agents, Stahman Bldg., Nashville, Tenn. Wisconsin: Ray E. Hiccox, State agent, Milwaukee, Wis.; Hillis C. Rhyen, special agent. Canada: Pace, Harrison & Miller, general agents, Winnipeg, Man. Improved risk department, special agent, T. M. Luce. General inspector, J. B. Nicholson, J. A. Gross, special agent hail department, Sioux Falls, S. D.; Pacific department, Sansome and Sacramento Sts., San Francisco, Cal.—Willard O. Wayman and Carl A. Henry, joint general agents; Frank E. Stone and Maxwell H. Thomson, assistant general agents, Special agents: W. W. Cleveland, J. N. Waters and J. R. Kenna, No. Cal. and Nev.; San Francisco, J. A. Faulk, general inspector, San Francisco; E. A. Rowe and J. F. Boylan, So. Cal. and Ariz., Los Angeles, Cal.; E. R. Thompson, Ore., Portland, Ore.; Bruce Kalts, Wash. and B. C., Seattle, Wash.; W. S. Gill and C. B. Harris, Wash., Ida., Mont., Spokane, Wash.; C. S. Hill, Colo., Wyo., N. M. and Utah, Denver, Colo. Columbia Fire Underwriters, Omaha, Neb., C. O. Talmage, manager; Merrick E. Lense, assistant manager. Nebraska: E. G. Bohanan, general agent, Lincoln, Neb.; A. J. Murriah, State agent, Hastings, Neb.; E. B. Nicholson, assistant State agent, Hastings, Neb.; E. B. Nicholson, assistant State agent, Omaha, Neb.; C. B. Roberts, Omaha, Neb.; W. A. Downey, Lincoln, Neb.; C. F. Whitcomb, Kearney, Neb.; M. B. Griffin, Omaha, Neb.; J. T. Banning, Mason City, Neb., special agents. Kansas: C. H. Searle, State agent, A. A. Searle, assistant State agent, Topeka, Kan. Iowa: J. F. Weible, State agent, Des Moines; D. L. McCarthy, Des Moines, Ia., special agent and adjuster. South Dakota and Minn.: August Wueter, State agent, D. L. McCoy, special agent, Sioux Falls. North Dakota: Chas. S. Hoyt, State agent, Fargo. N. D. Oklahoma: J. H. McNew, State agent, Oklahoma City. The company operates in all the states and in Canada.

NATIONAL FIRE AND MARINE INSURANCE COMPANY, Elizabeth, N. J.

President, H. R. Chambers; Secretary, H. C. Trowbridge. Organized, 1865.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$341,874	\$195,834	\$30,956	*\$425,343	\$435,824	*\$309,073	\$6,000	\$88,123	\$413,196	\$287,248
1913	334,642	135,343	23,620	334,677	372,114	381,783	10,000	99,222	491,005	387,222
1912	446,996	239,038	61,864	436,863	463,033	356,504	10,000	112,122	478,626	338,278
1911	503,381	252,581	60,168	478,003	493,577	320,126	10,000	109,107	439,233	319,019
1910	439,392	203,733	81,695	377,921	393,899	223,700	10,000	97,750	331,450	232,699

* Includes \$142,431 mar. prems. and \$75,065 mar. losses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans . . .	\$20,700	Losses unpaid	\$15,084
Bonds and stocks . . .	169,815	Unearned prems.	195,834
Cash	22,284		
Agents' balances . . .	126,893	Total liabilities . . .	\$210,918
Interest and rents . . .	1,148	Capital paid up	100,000
Other assets	1,054	Net surplus	30,956
Total assets	\$341,874	Total	\$341,874

Underwriting profit, \$6,513; investment profit, \$6,824.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$24,993,341; premiums thereon, \$303,285; marine and inland risks in force, \$1,639,494; premiums thereon, \$82,659.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,683,505; losses paid, \$2,403,911; dividends declared, cash, \$325,000.

MORTGAGE LOANS: There are 11 loans, aggregating \$20,700, mostly on residential property, in Elizabeth and Union Co., N. J., valued at \$56,700. There was no interest past due on Dec. 31, last. The company holds \$29,950 of insurance on the mortgaged buildings.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Broadway Surface R. R.		\$10,000	\$10,200
Elizabeth Cy., r.		15,000	14,700
Iowa Cent.		10,000	4,800
Jersey Cy. H. & P. St. Ry.		10,000	7,700
Kan. Cy. Ft. Scott & Memp.		10,000	7,300
Louisville & Jeff. Big.		10,000	8,200
Mo. Pac. Ry.		10,000	6,200

BONDS AND STOCKS OWNED.—Cont.

	Par Value.	Market Value.
BONDS.—Cont.		
Morris & Essex	\$10,000	\$8,600
N. Y. & Hoboken Ferry	15,000	14,700
Rahway Cy. adj.	10,530	10,214
St. Louis & So. W., cs.	10,000	6,900

STOCKS.

A. T. & S. F. R. R.	10,000	9,900
No. Pacific R. R.	10,000	11,000
Chi., Mil. & St. Paul.	20,000	19,950
Cs. Tr., N. J.	10,000	7,450
Pennsylvania	10,000	11,100
U. S. Steel, p.	10,000	11,000

Totals (book value, \$190,531), \$190,530 \$169,315

MISCELLANEOUS: Conflagration losses: Baltimore, 1904, \$16,000; San Francisco, 1906, \$22,658. Company transacts some surplus business through Chas. Bogert, New York, and Rollins & Burdick, Chicago, Ill. The company operates in Ill. and N. J. Chas. Bogert, general agent, Westwood, N. J.

DIRECTORS: H. R. Chambers, F. F. Glasby, J. S. Frelinghuysen, J. E. Dunham, P. K. Brown, W. H. Keller, H. C. Trowbridge, J. W. Whelan, J. P. Spinning, M. M. Crane, R. S. Williams, A. R. Pierson, Henry W. Crane, E. C. Jameson, C. C. Coleman, Russell W. Lewis, Arthur D. Chambers, Foster M. Voorhees.

FIELD MEN AND TERRITORY COVERED: Special agents, Charles Bogert, Westwood, N. J.; Lazarus & Ricker, Bayonne, N. J.; David Gordon, Paterson, N. J.; Alex. Laiz, Passaic, N. J.; Rollins & Burdick, Chicago, Ill., general agents for Ill. The company operates in Ill. and N. J.

NATIONAL-BEN FRANKLIN FIRE INSURANCE COMPANY, Pittsburg, Pa.

President, Samuel McKnight; Vice-Presidents, C. F. Stifel, J. C. Porter; Secretary, H. M. Schmitt; Assistant Secretary, Thos. A. Hathaway, S. J. Cross, A. C. Ross. Organized, 1866.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$3,374,660	\$1,761,473	\$385,554	\$1,643,657	\$1,813,524	\$924,738	\$120,000	\$751,737	\$1,796,475	\$1,002,100
1913	3,247,530	1,665,562	532,383	1,474,754	1,650,458	797,932	160,074	679,584	1,637,590	752,000
1912	3,341,451	1,608,101	531,052	1,525,588	1,698,068	726,137	160,000	692,146	1,578,283	743,000
1911	3,215,161	1,398,809	638,831	1,306,828	1,470,427	686,553	136,064	573,990	1,397,607	695,000
1910	3,130,932	1,343,159	633,661	1,377,092	*1,638,538	642,074	1287,536	601,252	1,530,862	649,000

* Includes \$125,000 premium on new stock. † Includes \$175,000 stock dividend.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$146,800	Losses unpaid	\$204,578
Mortgage loans	2,297,021	Unearned prems.	1,761,473
Bonds and stocks	334,230	Other liabilities	23,055
Collateral loans	81,500		
Cash	215,325	Total liabilities	\$1,989,106
Agents' balances	253,712	Capital paid up	1,000,000
Interest and rents	46,872	Net surplus	385,554
Other assets	200		
Total assets	\$3,374,660	Total	\$3,374,660

Underwriting loss, \$193,911; investment profit, \$167,063.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$361,624,881; premiums thereon, \$3,491,553.

BUSINESS SINCE ORGANIZATION: Premiums received, \$17,073,493; losses paid, \$7,521,740; dividends declared, cash, \$1,737,801; stock, \$227,500.

a Statement according to Pennsylvania standard.

REAL ESTATE OWNED: Comprises 19 items of dwell farm and lot property, all but one (in Toledo, O.) in Allegh Co., Pa., the total book value being \$133,658, and the market value, \$146,800. The company during the past year received \$10,503 in rents and paid \$6,172 taxes and expenses.

MORTGAGE LOANS: There are 851 loans aggregating \$2,297,021, mostly upon properties in Pittsburg, N. S., with a few in Pittsburg proper and neighboring towns. Only a few exceed \$10,000 in amount. There was \$7,489 of interest due on December 31, last. Most of the loans appear to be as protected, the value of the mortgaged premises being \$5,098, and the company holding \$2,950,366 of insurance on the buildings.

COLLATERAL LOANS are as follows:		Market Value.	Am. Loan
Securities.			
R. E. Sav. & Tr.		\$1,800	\$1
R. E. Sav. & Tr.		1,800	1
R. E. Sav. & Tr.		600	
R. E. Sav. & Tr.		600	

NATIONAL-BEN FRANKLIN FIRE INSURANCE COMPANY, Pittsburg, Pa.—Cont.

COLLATERAL LOANS.—Cont.		Market	Amount
Securities.—Cont.		Value.	Loaned
R. E. Sav. & Tr.		\$3,600	\$2,500
Allegheny Tr.		1,680	
Bk. of Pitts.		1,380	1,800
R. E. Sav. & Tr.		1,800	1,300
R. E. Sav. & Tr.		2,400	1,800
R. E. Sav. & Tr.		1,800	1,300
R. E. Sav. & Tr.		1,200	1,000
Nat. Mortar & Supply		5,500	3,500
Standard Underground Cable.		113,100	58,000
R. E. Sav. & Tr.		1,200	800
R. E. Sav. & Tr.		1,200	1,800
R. E. Sav. & Tr.		1,800	1,300
R. E. Sav. & Tr.		1,200	1,000
L. H. Smith Wooden Ware		5,250	1,600
R. E. Sav. & Tr.		600	400

BONDS AND STOCKS OWNED:

BONDS.		Par Value.	Market Value.
Augusta, Ga., food pro., 1942, 4½%	\$5,000	\$5,000	
Belleville, Can., d., 1943, 5%	10,000	10,200	
Calgary, Can., d., 1925, 4½%	15,000	14,100	
Columbus, Ga., lower bg., 1940, 4½%	5,000	5,000	
Edmonton, Can., d., 1924, 4½%	10,000	9,500	
Ft. Wm., Can., d., 1928, 5%	10,000	9,600	
Ft. Wm., Can., d., 1928, 4½%	10,000	9,800	
Hamilton, Can., d., 1934, 4½%	10,000	9,600	
Medicine Hat, Can., d., 1943, 5%	10,000	9,500	
Burnaby, B. C., Can., d., 1950, 4½%	5,353	3,981	
Delta, B. C., Can., d., 1950, 5%	10,000	8,800	
Portage la Prairie, Can., 1945, 5%	5,000	4,500	
Saskatoon, Can., d., 1943, 5%	10,000	9,500	
Saskatoon, Can., pub. ac. d., 1953, 5%	10,000	9,400	
St. Boniface, Can., d., 1945, 5%	10,000	9,300	
Toronto, Can., d., 1919, 3½%	24,333	23,116	
Vancouver, Can., local imp. d., 1923, 4½%	20,000	19,400	
Victoria, Can., d., 1924, 4½%	5,000	4,800	
Victoria, Can., d., 1936, 4½%	10,220	8,891	
Woodstock, Can., d., 1920, 4%	11,000	10,230	
P. McK. & C. Ry., 1 cs. m. g., 1931, 5%	15,000	15,300	
Pitts. & Birm. Te. l. m., g., 1929, 5%	5,000	5,100	
West End Te., gn. m., Pitts., 1938, 5%	8,000	7,840	
W. Pa. Ry., 1 m. g., Pitts., 1931, 5%	15,000	15,000	
Jones & Laughlin Steel Co., l m. g. P., 1939, 5%	30,000	30,300	
Met. Riv. & C. & C., l m. g., Pitts., 1949, 5%	10,000	11,600	

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.		Par Value.	Market Value.
Nat. Tube Co., 1 m., g., Pitts., 1952, 5%	\$25,000		
Phil. 1 m. & Col. tr. g., Pa., 1949, 5%	2,000		1,980
Pitts. Cruc. Steel., 1 m., g., Pitts., 1928, 5%	20,000		19,800
STOCKS.		Par Value.	Market Value.
Allegheny Tr., No. Side, Pitts.	2,500		
R. E. Sav. & Tr., No. Side, Pitts.	500		600
Gn. Adj. Bur., N. Y. C.	100		100
Aspinwall Dellsfield, Aspinwall, Pa.	3,550		4,260
Totals (book value, \$327,920)	\$342,557		\$334,230

MISCELLANEOUS: National paid a stock dividend in 1973 of \$12,500; capital increased in 1903 from \$100,000 to \$200,000 by cash payments, and \$55,000 premium on new stock realized. In 1906 capital increased from \$200,000 to \$500,000, and \$111,013 was realized as premium on the new stock issued, and in 1910 capital increased to \$1,000,000 and \$125,000 additional surplus paid in. National consolidated with Ben Franklin, December 28, 1910, capital, \$1,000,000. Conflagration losses: Chicago, 1871, \$2,600; Baltimore, 1904, \$833; Salem, \$115,462. Statements according to Pennsylvania standard.

DIRECTORS: John Thompson, Chas. F. Stifel, A. H. Lauman, P. T. McCance, John Ommert, August Loch, N. J. H. Gerwig, Saml. McKnight, Jos. C. Porter, T. C. Pitcairn, R. J. Graham, Jas. B. Jones, R. V. Pitcairn, H. B. Ingham, R. C. Tannehill, Jr., H. M. Schmitt.

FIELD MEN AND TERRITORY COVERED: Geo. S. Rosenkrantz, Boston, Mass., general agent for New England States; Louis P. Matthews, New York City, special agent for N. Y. and N. J.; Geo. J. Porter, Philadelphia, Pa., special agent for Pa. and Md. and So. N. J.; Thos. E. Allaire, Cleveland, O., special agent for O.; H. W. Watkins, Indianapolis, Ind., special agent for Ind.; Sam'l T. Sheppard, Detroit, Mich., special agent for Mich.; H. A. Lingenfelter, Milwaukee, Wis., special agent for Ill. and So. Wis.; Norman J. Theiss, Minneapolis, Minn., special agent for Minn. and No. Wis.; P. M. Wigginton, Portland, Ore., special agent for Ore. and Wash.; R. E. Schramm, Chicago, Ill., special agent for Ia. and Neb.; Jas. F. Cobb Co., San Francisco, Cal., general agents for Cal.; Langdon C. Quin & Co., Athens, Ga., general agents for Ga. and Fla.; Hays Bros. & Reynolds, Raleigh, N. C., general agents for N. C.; David Hugenien, Charleston, S. C., general agent for S. C.; J. R. Gardner, Denver, Colo., general agent for Colo., Mont. and Utah. The company operates in Cal., Colo., Conn., Fla., Ga., Ill., Ind., Ia., Kan., La., Md., Mass., Mich., Minn., Mo., Mont., Neb., N. J., N. Y., N. C., O., Ore., Pa., S. C., Tenn., Tex., Utah, Wash., Wis., Wyo. and in Can.

NATIONAL BREWERS INSURANCE COMPANY, Chicago, Ill.

President, W. H. Rehm; Secretary, E. Graham Rhoads. Organized, 1906.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$350,298	\$18,393	\$127,872	\$33,778	\$48,344	\$3,614	\$826,658	\$13,572	\$43,944	\$6,532
1913	339,800	18,618	120,370	34,597	48,675	12,749	19,157	13,657	45,563	12,611
1912	340,116	18,679	120,687	35,449	48,327	2,268	33,389	13,060	48,737	2,216
1911	344,246	19,267	123,062	36,427	50,280	15,376	18,019	13,342	46,737	15,274
1910	340,191	18,596	120,845	35,104	50,174	6,098	26,705	13,499	46,292	3,658

Includes dividends to policyholders: \$6,706 in 1910, \$8,019 in 1911, \$8,389 in 1912, \$9,157 in 1913 and \$6,658 in 1914.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$313,920	Losses unpaid	\$3,000
Cash	27,495	Unearned premiums	18,393
Agents' balances	4,435	Other liabilities	1,063
Interest	4,448		
		Total liabilities	\$22,476
		Capital paid up	200,000
		Net surplus	127,822
Total assets	\$350,298	Total	\$350,298

Underwriting profit, \$15,993; investment profit, \$18,117.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$496,263; premiums thereon, \$36,393.

BUSINESS SINCE ORGANIZATION: Premiums received, \$271,138; losses paid, \$52,245; dividends declared, cash, \$125,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.		Par Value.	Market Value.
Cook Co., Ill., c. h., 1920-25, 4%	\$35,000		
Sac. Dis. of Chi., 1915-20, 4%	8,000		6,970
Chi. Park, 1916-23, 4%	65,000		64,550
N. Y. Cy., ep. stks., 1955-56, 4%	33,000		32,670
Chi., ep., 1915-22, 4%	62,000		61,970
Fla., 1933, 4%	30,000		30,800
B. & Q. Ill. Div., 1940, 4%	5,000		4,750

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.		Par Value.	Market Value.
C. R. I. & P. Ry., gn. m., 1938, 4%	\$5,000		
Peoples Gas, 1947, 5%	10,000		10,100
Powell Riv. Co., 1926, 6%	7,000		7,000
Lincoln Pk., 1928, 4½%	7,000		7,210
Connecting R. R., cv., 1915, 3½%	5,000		5,000
Chicago Tl., 1923, 5%	5,000		5,050
Commonwealth Edison, 1943, 5%	5,000		5,100
Armour & Co., 1939, 4½%	5,000		4,650
STOCKS.		Par Value.	Market Value.
Western Ad. & Insp. Co.	100		
Totals (book value, \$321,249)	\$315,100		\$313,920

MISCELLANEOUS: The company was organized in April, 1906, and commenced business early in 1906 with \$100,000 capital and \$50,000 surplus. Capital increased in 1908 to \$200,000. Those interested in the company are all brewers; and the company will write nothing but brewery plants and allied industries.

DIRECTORS: E. A. Faust, Geo. Reisch, Chas. E. Succop, Otto Kubin, N. W. Kendall, E. F. Meyer, Wm. A. Birk, Carl J. Hoster, Edward Landsberg, Rudolf Brand, E. Graham Rhoads, Peter S. Thuerer, Henry Gund, Wm. H. Rehm, Gustave W. Lembeck, Chas. Hasterlik, C. H. Henning, R. J. Schaefer.

NATIONAL EXCHANGE INSURANCE AND TRUST COMPANY, Waco, Tex.

President, Chas. A. Weathered; Secretary, Nat. S. Smith. Organized, 1912.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$249,134	Total liabilities....	\$104,612
Mortgage loans.....	115,144	Capital paid up.....	220,000
Bonds and stocks.....	40,056	Capital paid up.....	22,952
Collateral loans.....	71,915	Net surplus.....	150,191
Cash.....	4,554		
Other assets.....	16,952		
Total assets.....	\$497,755	Total.....	\$497,755

MISCELLANEOUS: This company, which was organized in 1912, is empowered by its charter to transact fire and other branches of insurance, but we are informed by the secretary that the company has not as yet written fire insurance and that it will not do so until the full capital of \$1,000,000 is sold. It is at present doing a general loan and title insurance business. The total income for the year 1914 amounted to \$37,204 and expenses to \$28,572. Dividends paid, three 3% and one 10% cash dividend.

DIRECTORS: Chas. A. Weathered, Sam Sanger, R. E. Threadgill, W. H. McCullough, Nat. S. Smith.

NATIONAL LUMBER INSURANCE COMPANY, Buffalo, N. Y.

President, Morris S. Tremaine; Secretary, W. P. Haines. Organized, 1905.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$377,213	\$90,459	\$50,277	\$187,587	\$202,026	\$62,700	\$6,000	\$94,468	\$163,168	\$51,388
1913	332,440	.....	63,233	183,784	198,064	142,422	12,000	113,875	268,297	160,963
1912	407,379	126,400	52,015	236,394	250,821	126,370	12,000	99,811	238,181	132,042
1911	400,598	124,573	54,230	233,630	246,121	128,322	.....	97,985	226,307	118,533
1910	380,572	128,061	14,233	255,065	270,365	167,332	20,000	104,608	291,940	163,134

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks....	\$243,240	Losses unpaid.....	\$29,148
Cash.....	91,115	Unearned premiums....	90,459
Agents' balances....	39,182	Other liabilities.....	7,329
Interest.....	2,318		
Other assets.....	1,358	Total liabilities....	\$126,930
		Capital paid up.....	200,000
		Net surplus.....	50,277
Total assets.....	\$377,213	Total.....	\$377,213

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.

	Par Value.	Market Value.
Cohoes Cy., 1914, 3½%.....	\$5,000	\$5,050
N. Y. Cy., 1915-17, 6%.....	12,500	12,710

STOCKS.

	Par Value.	Market Value.
B. & O. R. R., com.....	10,000	8,900
W. Ad. & Insp.....	100	290
Atch., Top. & S. Fe R. R., com.....	10,000	9,900
N. Y. Cen. & Hud. River R. R., com.....	5,000	4,500

Totals (book value \$266,172)..... \$264,600 \$243,240

Underwriting loss, \$27,069; investment profit, \$18,498.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$16,423,571; premiums thereon, \$171,967.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,916,065; losses paid, \$964,166; dividends declared, cash, \$80,000.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
N. Y. Cy., ca. stk., 1918-49, 3½%.....	\$25,000	\$23,000
N. Y. Cy., op. stk., 1954-5, 3½%.....	146,000	128,480
N. Y. Cy., op. stk., 1957, 4½%.....	10,000	10,700
Cy. of Buffalo, 1930, 3½%.....	5,000	4,650
Cy. of Buffalo, 1931, 4%.....	13,000	12,870
Erie Co., N. Y., good roads, 1919, 4%.....	10,000	9,900
So. Pac., cv., 1929, 4%.....	3,000	2,580
Ont. Pow., d., 1921, 6%.....	10,000	9,800

MISCELLANEOUS: This company began business with a paid-up capital of \$200,000 and a surplus of \$50,000. On Dec. 31, 1913, the company reinsured its outstanding risks in the New Hampshire Fire, its writings in January, 1914, also being automatically reinsured in the New Hampshire. The company continued business in a more restricted territory with Crum & Forster, New York, as its general agents.

DIRECTORS: J. C. Batehlor, H. F. Bingham, A. W. Booth, W. P. Haines, C. J. Hamlin, G. H. Hilla, B. F. Jackson, W. C. Laidlaw, W. L. Marcy, J. F. Middlethit, H. C. Mills, G. B. Montgomery, H. E. Montgomery, C. H. Prescott, Jr., A. B. Pimm, M. E. Preisch, M. S. Tremaine, C. M. Smith.

TERRITORY COVERED: The company operates in Cal., Ill., Ind., Mass., Mich., Minn., N. J., N. Y., O., Pa., and Wis.

NATIONAL SECURITY FIRE INSURANCE COMPANY, Omaha, Neb.

President, Walter A. George; Treasurer, F. J. Zeman; Secretary, O. A. Danielson. Incorporated, 1914.

This company was incorporated late in 1914 with an authorized capital of \$500,000. It was proposed to sell the shares of \$100 each at a premium in order to create a \$500,000 surplus. At present about \$200,000 has been subscribed, all of which has been paid in in cash or stockholders notes. The organization expenses are to be limited to 15% of capital stock. The president and promoter

of the company is Walter A. George, formerly state treasurer of Nebraska, and prominently identified in local banking circles. The National Security expects to commence business during July, 1915. The directors are W. A. George, E. E. Howell, (Vice-President) M. D. Hatch, F. J. Zeman, C. H. Aldrich, W. B. Howard, E. E. Royce and C. H. Cliney.

NATIONAL UNION FIRE INSURANCE COMPANY, Pittsburg, Pa.

President, E. E. Cole; Vice-President, A. W. Mellon; Secretary, Wm. G. Armstrong. Organized, 1901.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$4,195,444	\$2,479,502	\$263,340	\$1,969,372	\$2,149,222	\$1,604,026	\$90,000	\$955,015	\$3,649,041	\$1,695,46
1913	4,804,781	2,589,334	408,758	2,702,296	2,875,191	1,291,996	90,000	971,352	2,353,348	1,309,24
1912	4,136,638	2,246,994	545,227	2,302,953	2,462,874	1,131,888	90,000	896,563	2,107,451	1,175,96
1911	3,911,871	2,062,512	532,098	2,072,601	2,267,125	1,018,443	85,500	788,968	1,889,901	994,44
1910	3,307,145	1,604,162	408,102	1,933,032	2,069,291	941,286	81,000	773,468	1,795,754	931,63

† Includes \$75,000 premium on new stock in 1909 and \$60,000 in 1911. † Pennsylvania standard.

NATIONAL UNION FIRE INSURANCE COMPANY, Pittsburg, Pa.—Continued.

ASSETS, Dec. 31, 1914.	LIABILITIES, Dec. 31, 1914.
Real estate..... \$30,654	Losses unpaid..... \$292,627
Mortgage loans..... 487,625	Unearned premiums..... 2,470,502
Bonds and stocks..... 2,738,241	Taxes & exp. accr..... 50,458
Loans on Pa. Water, 1940, 5%..... 115,000	Borrowed money..... 100,517
Cash..... 176,393	Total liabilities..... \$2,932,104
Agents' balances..... 518,828	Capital paid up..... 1,000,000
Interest and rents..... 46,044	Net surplus..... 263,340
Other assets..... 82,059	
Total assets..... \$4,195,444	Total..... \$4,195,444

RISKS AND PREMIUMS: Fire risks in force, December 31, \$413,905,320; premiums thereon, \$4,817,258.

BUSINESS SINCE ORGANIZATION: Premiums received, \$20,555,363; losses paid, \$11,404,315; dividends declared, cash, \$547,500.

REAL ESTATE OWNED: Consists of a frame dwelling at Arisno, Pa., a brick dwelling, etc., at 218 South Dallas ave., Pittsburg, and two frame dwellings at Albion, Ia., all carried at book value. The net income last year amounted to \$1,661.

MORTGAGE LOANS: All of the 50 loans (except 5 on brick apartments in Salt Lake City, one for \$13,000, one for \$14,500, another for \$20,000) are upon properties located in or near Pittsburg, and the total amount of \$487,625 is protected by real estate estimated worth \$1,162,855. There is one loan of \$50,000 on Springdale, Pa., property valued at \$107,500; one of \$27,500 on frame storage and manufacturing plant in Pittsburg, Pa., valued at \$55,000; and one for \$45,000 on frame storage building and manufacturing plant in Pittsburg, Pa., valued at \$100,000. The remainder range from \$22,500 to \$1,000. There was no interest paid due on December 31, last. The company holds \$503,060 of insurance on the buildings.

BONDS AND STOCKS OWNED:

BONDS.	Par Value.	Market Value.
Astoria, N. C., 1941, 5%.....	\$20,000	\$20,000
Brantford, Can., 1942, 4½%.....	15,000	14,413
Calgary, Can. Prot. Pub. ac., 1935, 4½%.....	10,000	9,500
Calgary, Can., d., 1933, 5%.....	15,000	14,701
Edmonton, Can., 1933, 5%.....	10,220	9,913
Ga. State of, 1915, 4½%.....	10,000	10,000
Griffin, Can., 1932, 4½%.....	1,000	982
Griffin, Can., 1940, 4½%.....	6,000	5,277
Griffin, Can., 1942, 4½%.....	8,000	7,646
Hamilton, Can., d., 1934, 4½%.....	15,000	14,757
Lynchburg, Va., 1934, 4½%.....	20,000	19,000
McGraw-Hill, Can., 1942, 5%.....	10,000	9,417
Montreal, Can., d., 1937, 4½%.....	7,000	6,850
Montreal, Can. Prot. ac., 1939, 4½%.....	13,000	12,350
New Mex., T., 1952, 4½%.....	10,000	10,079
Norfolk, Va., 1929-39, 4½%.....	12,000	11,400
Regina, Can., 1928, 5%.....	15,000	14,805
Regina, Can., d., 1939, 4½%.....	10,000	9,020
Ridgeway, Va., 1933, 4½%.....	18,000	17,100
St. Boniface, Can., 1917, 6½%.....	10,000	10,000
St. Boniface, Can., d., 1932, 5%.....	15,000	14,314
Sunder, S. C., 1951, 5%.....	10,000	10,000
Toronto, Can., d., 1930, 4½%.....	24,333	23,116
Vancouver, Can., d., 1923, 4½%.....	10,000	9,675
Victoria, Can., d., 1934, 4½%.....	25,000	24,042
Ala. Val. St. Ry., 1936, 5%.....	50,000	50,000
B. & O. R.R., cv., 1930, 4½%.....	150,000	147,750
Cent. of Ga. R.R., Chas. Div., 1931, 4½%.....	75,000	69,000
C. M. & St. P. Ry., cv., 1932, 4½%.....	20,000	18,000
I. R. T. & R. m., 1906, 5%.....	100,000	101,750
L. S. & Mich. So. R.R., 1928-31, 4½%.....	50,000	49,800
L. & N. R.R., 1905, 4½%.....	50,000	48,500
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	28,000	23,250
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	18,000	9,720
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	5,000	3,800
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	100,000	104,750
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	50,000	45,000
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	30,000	28,500
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	50,000	43,000
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	50,000	46,000
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	50,000	45,625
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	50,000	31,000
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	50,000	45,000
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	50,000	44,500
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	25,000	25,000
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	20,000	20,000
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	25,000	24,937
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	100,000	100,000
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	13,000	13,000
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	50,000	50,000
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	25,000	25,000
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	50,000	50,000
N. Y. Ry. Co., I. r. e. r. m., 1942, 4½%.....	30,000	30,000

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
Mesta Machine Co., 1915-19, 5%.....	\$15,000	\$15,000
Mon. R. C. C. & C., 1949, 6%.....	25,000	28,875
Nat. Fire Proofing, 1916-32, 5%.....	46,000	45,540
Nat. Tube, 1952, 5%.....	10,000	10,000
Penn. Wat., 1929, 5%.....	65,000	65,000
Pittsburg Brewing, 1949, 6%.....	50,000	35,000
Pitts-Buffalo, 1929, 5%.....	42,000	42,000
Pittsburg Coal, 1931, 5%.....	70,000	65,100
Pittsburg Crucible Steel, 1924-34, 5%.....	25,000	25,000
Pitts. L. B. & G., 1915, 6%.....	25,000	25,000
Racine Wat., 1931, 5%.....	20,000	20,000
St. Joseph Wat., 1941, 5%.....	50,000	45,000
Standard San. Mfg., 1920, 6%.....	50,000	50,000
Union Bag & Paper, 1930, 5%.....	25,000	22,500
Union Gas, 1929, 5%.....	13,000	13,000
Union Steel, 1952, 5%.....	117,000	122,285
Vandalia Coal, 1930, 6%.....	50,000	47,500
W. Braddock Bg., 1927, 5%.....	23,000	23,000
W. Union Tg., 1950, 4½%.....	25,000	23,750

STOCKS.

STOCKS.	Par Value.	Market Value.
B. & O. R.R., p.....	20,000	16,100
B. & O. R.R., com.....	3,000	2,670
Ill. Cent. R.R.....	30,000	33,750
N. & W. R.R.....	156,200	163,229
Pa. R.R.....	110,000	122,100
Pittsburg & L. E. R.R.....	12,450	52,710
Farmers' Dep. Nat. Bk., Pitts.....	5,500	6,325
1st-2nd Nat. Bk., Pittsburg, Pa.....	2,800	2,800
Western Union Tg.....	28,600	16,302

Totals (book value, \$2,807,839)..... \$2,795,203 \$2,738,241

MISCELLANEOUS: This company commenced business with a paid-up capital of \$500,000 and a surplus of \$250,000. Capital increased in 1902 to \$750,000; in 1906, \$1,050,000 of surplus was paid in by stockholders, and in 1909 capital was increased from \$750,000 to \$900,000, and \$75,000 realized as premiums on the new stock sold; capital increased in 1911 to \$1,000,000 and \$90,000 realized as premium on the new stock sold. Confignation losses: Baltimore, 1904, \$125,873; San Francisco, 1906, \$1,110,976; Chelsea, 1908, \$144,979. Special deposits, values: Ga., \$10,000; N. M., \$10,080; Va., \$47,500; Can., \$210,563.

DIRECTORS: J. Stuart Brown, H. Buhl, Jr., E. E. Cole, John Farrell, James B. Haines, Jr., B. F. Jones, Jr., James H. Lockhart, H. C. McKelowney, A. W. Mellon, George T. Oliver, David B. Oliver, H. K. Porter, Alexander C. Robinson, Wm. B. Schiller, Edward A. Woods, George Z. Hosack, Fred S. James, Louis C. Sands, Chas. W. Dahlinger, Joseph H. Holmes, Edwin W. Smith.

FIELD MEN AND TERRITORY COVERED: Parker, Aleshire & Gardiner, 1933 Insurance Exchange, Chicago, Ill. for Cook Co., Ill.; Dixwell Davenport, manager Metropolitan department, 604 Merchants Exchange Bldg., San Francisco, Cal.; J. B. Strich, Home Office, Pittsburg, Pa.; Allegheny Co., Pa.; F. Ackerman, executive special agent for Brooklyn, New York, suburbs and New Jersey; 326 Clifton ave., Newark, N. J.; J. D. Berry, special agent for Ia. and Wis.; Des Moines, Ia.; Wm. T. Betts, special agent for eastern Pa., D. of C., Md., Lock Haven, Pa.; J. R. Berthoff, special agent for No. Cal., San Francisco, Cal.; J. L. Blanch, special agent for Colo., Wyo. and N. M.; Denver, Colo.; W. P. Caswell, State agent for La. and Tex., Dallas, Tex.; F. E. Church, State agent for Minn. and Neb., Minneapolis, Minn.; A. O. Densel, special agent for western Pa. and northern W. Va., Pittsburg, Pa.; Geo. Diebold, State agent for O., Cincinnati, O.; F. E. Dunham, special agent for Mass., R. I., Conn., Me. and N. H., Boston, Mass.; Felix Fulton, special agent for Kan. and Mo., Kansas City, Kan.; H. G. Green, State agent for Wash. and Ore. west of Cascade Mts., B. C., Saskatchewan and Alberta, Seattle, Wash.; P. W. Greene, State agent for Ind., Indianapolis, Ind.; H. A. Haskell, special agent for Ky. and W. Va. south of Parkersburg, Ashland, Ky.; H. H. Hirsch, special agent for Ga. and Fla., Atlanta, Ga.; W. E. Howard, special agent for Va., Norfolk, Va.; W. G. Titus, State agent for Mich., Lansing, Mich.; M. B. Marik, special agent for Ill., Chicago, Ill.; A. M. McClain, State agent for Tenn., Nashville, Tenn.; R. M. Nevins, State agent for N. Y. State (except N. Y. sub., N. Y. C. & Bklyn), Syracuse, N. Y.; J. F. Price, special agent for Wash. and Ore., east of Cascade Mts., Ida. and Mont., Spokane, Wash.; H. J. Richmond, superintendent of agencies Provinces of Ontario, Toronto, Can.; W. M. Stodghill, special agent for southern Cal., Los Angeles, Cal.; H. C. Seitz, special agent for Okla. and Ark., Oklahoma City, Okla.; R. B. Turner, special agent for N. D. and S. D., Fargo, N. D.; B. B. Weaver, special agent for Ala., N. C. and S. C., Atlanta, Ga.; E. W. Hall, manager Oakland Branch Office, Oakland, Cal.; Tracy Loan & Trust Co., general agents, Utah, Salt Lake City, Utah. The company operates in all the States and Territories of the United States except Ariz., C. Z., Cuba, Del., Miss., Nev., P. I., P. R. and Vt.

NATIONAL UNION INSURANCE COMPANY, Washington, D. C.

President, Albert F. Fox; Secretary, Philip F. Lerner. Organised, 1865.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$286,378	\$25,494	\$157,974	\$19,000	\$36,460	\$5,735	\$7,000	\$21,432	\$34,167	\$4,543
1913	284,091	23,925	157,231	17,555	34,924	2,378	7,000	20,290	29,668	3,505
1912	282,746	24,709	156,279	18,499	35,242	3,627	7,000	25,109	35,736	4,237
1911	283,358	23,523	155,368	19,039	36,630	6,057	7,000	21,296	34,353	4,430
1910	280,672	22,248	155,743	18,257	35,895	1,221	7,000	20,161	28,382	2,697

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$170,734	Losses unpaid	\$1,500
Mortgage loans	106,600	Unearned prems	25,494
Loans on stk. W., L. & T.	3,500	Other liabilities	1,410
Cash	3,625	Total liabilities	\$28,404
Agents' balances	413	Capital paid up	100,000
Interest and rents	1,506	Net surplus	157,974
Total assets	\$286,378	Total	\$286,378

REAL ESTATE OWNED: Consists of company's home office building and two small dwellings. Total rents during 1914, \$11,583; taxes and expenses, \$9,264. The book value of the real estate owned is \$158,213, and the market value, \$170,734.

MORTGAGE LOANS: There are 52 loans for \$106,600, all first liens on property aggregating \$298,425 in value. There was no interest past due, and the company carries \$182,075 of insurance on the buildings.

MISCELLANEOUS: Conflagration losses: Baltimore, 1904, \$7,860. Company operates only in the District of Columbia.

DIRECTORS: Chas. B. Bailey, Thomas Bradley, Albert F. Fox, W. T. Gallibier, John B. Lerner, Philip F. Lerner, Chas. Mades, B. F. Saul, Geo. Spranzy, Floyd E. Davis, Walter S. Pratt Jr., John C. Weedon.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$13,010,933; premiums thereon, \$48,933.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,133,788; losses paid, \$405,806; dividends declared, cash, \$646,000.

THE NEWARK FIRE INSURANCE COMPANY, Newark, N. J.

President, Edgar J. Haynes; Vice-President, George F. Reeve; Treasurer, T. D. Richardson; Secretary, Thos. L. Farquhar. Organised, 1811.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$2,105,419	\$920,355	\$514,898	\$1,090,843	\$1,166,271	\$560,223	\$69,735	\$449,178	\$1,079,136	\$594,226
1913	2,009,888	758,230	607,131	938,593	1,018,208	416,998	69,747	401,378	889,553	453,311
1912	1,917,142	575,280	727,225	722,421	1,046,051	332,720	52,431	342,953	729,104	347,411
1911	1,370,506	422,133	603,794	534,680	849,019	205,626	34,476	236,912	475,014	224,334
1910	1,063,679	328,587	453,835	389,653	439,862	225,711	32,052	173,879	433,642	231,882

† Includes \$255,937 premium on stock sold.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$186,012	Losses unpaid	\$141,785
Mortgage loans	522,650	Unearned prems	920,355
Bonds and stocks	1,048,364	Other liabilities	28,381
Cash	135,296	Total liabilities	\$1,090,521
Agents' balances	195,039	Capital paid up	500,000
Interest	17,958	Net surplus	514,898
Other assets	100		
Total assets	\$2,105,419	Total	\$2,105,419

Underwriting loss, \$112,467; investment profit, \$90,140.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$166,031,884; premiums thereon, \$1,665,192; marine and inland risks in force, \$313,060; premiums thereon, \$12,743.

BUSINESS SINCE ORGANIZATION: Premiums received, \$11,277,741; losses paid, \$5,463,780; dividends declared, cash, \$1,376,981.

REAL ESTATE OWNED: Consists of the company's home office building, a 1 and 2-story marble and brick structure at 41 Clinton st., acquired in 1910, the book value of which is \$180,852, and which is carried at \$185,000, and 2 lots in Hackensack, N. J.

MORTGAGE LOANS: There are 123 loans, aggregating \$522,650, secured by properties valued at \$1,072,600, and the company holds \$606,350 insurance on the buildings. The loans are mostly small ones on real estate in Newark and its environs, and but \$616 of interest was overdue on December 31, last.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
U. S. Govt. Pan. Canal, c., 1961, 3%	\$25,000	\$25,250	
U. S. Govt. Pan. Canal, reg., 1961, 3%	10,000	10,100	
Belleville, reg., 1943, 5%	15,000	16,050	
Elizabeth Adj., reg., 1922, 4%	15,000	14,700	
Essex Co. Hosp., reg., 1947, 4%	10,000	9,800	
Essex Co. Plk., reg., 1926, 4%	35,000	34,650	
Hud. Co. & Nwk. Plk. Rd. reg., 1960, 4%	7,000	7,280	
Hud. Co. Plk., reg., 1954, 4%	10,000	9,500	
Newark, wat., reg., 1922, 4%	4,000	3,960	
Newark, sc., reg., 1957, 4%	10,000	9,800	
Newark, reg., 1930, 4%	100,000	99,000	
Rutherford, imp., reg., 1915, 5%	9,999	9,999	
Cs. Tc. Co., N. J., c., 1933, 5%	40,000	41,200	
East. & Amb. R. R., 1 m. reg. 1920, 5%	10,000	10,400	

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.		Par Value.	Market Value.
Midland R. R. N. J., c., 1940, 5%	\$10,000	\$10,500	
Newark Pass. R. R., c., 1930, 5%	38,000	39,900	
North Hud. R. R., c., 1928, 5%	20,000	20,600	
Riverside Tc., 1 m., c., 1960, 5%	5,000	4,650	
Trenton Pass. R. R., 1 m., c., 1922, 6%	10,000	10,700	
West Shore R. R., c., 2361, 4%	28,000	26,040	
West Shore R. R., reg., 2361, 4%	22,000	20,460	
Gas & El., c., 1949, 5%	10,000	10,200	
Hackensack Wat., 1 m., c., 1952, 4%	10,000	9,500	
Hoboken Land Imp., c., 1930, 5%	27,000	27,270	
Hud. Co. Gas, 1 m., c., 1949, 5%	57,000	59,230	
Mortgage Bond, N. Y., c., 1932, 5%	5,000	4,950	
Newark Gas, 1 m., c., 1944, 6%	80,000	98,400	
Newark Cs. Gas, 2 m., c., 1948, 5%	50,000	53,000	
Plainfield Gas & El., c., 1940, 5%	20,000	20,200	

STOCKS.

A., T. & S. Fe. com.	10,000	9,900
A., T. & S. Fe. p.	30,000	30,900
Cs. Tc., N. J., com.	20,000	15,000
Lacks. R. R., N. J., com.	20,000	19,200
Morris & Essex R. R., N. J., gr., com.	30,000	51,300
Rapid Tran. St. Ry., gr., com.	12,000	28,200
Reading, 1 p.	10,000	8,800
United N. J. R. R. & Canal, com.	10,000	22,500
Union Pac. R. R., p.	10,000	8,300
Nat. Newark Bkg., Newark, N. J., com.	21,000	78,100
Nat. State Bk., Newark, N. J., com.	16,000	36,000
Gn. Adj. Bur., com.	50	
Newark Cs. Gas, com.	11,500	11,100
So. Adj. Bur.	100	1
West. Adj. & Insp. Bur., com.	100	2
Amer. Tl. & Tg., com.	10,000	12,300

Totals (book value, \$1,071,793)..... \$903,749 \$1,048,300

MISCELLANEOUS: Capital increased in February, 1915 from \$250,000 to \$500,000 and \$255,937 additional surplus paid. Value of deposits: Va., \$25,250; Ga., \$10,100; N. J., \$206,000.

DIRECTORS: George F. Reeve, Theodore Coe, Walter Nichols, Joseph Ward, Jr., James S. Higbie, Alfred F. Skinn, Winton C. Garrison, J. H. Bacheller, Joseph M. Riker, Frank

THE NEWARK FIRE INSURANCE COMPANY, Newark, N. J.—Continued.

Conklin, Herbert P. Gleason, Merritt G. Perkins, Edgar J. Haynes, Joseph M. Byrne, Ural H. McCarter.

FIELD MEN AND TERRITORY COVERED: Geo. W. Dornin, San Francisco, Cal., manager; John C. Dornin, assistant manager, Pacific Coast department; A. H. Harris, general agent for Southern department, Richmond, Va.; H. M. Owen, Richmond, Va., and G. W. Campbell, Jr., southern special agents; Alfred Pauli & Son, general agents for W. Va., Wheeling, W. Va.; Ralph E. Colley, Boston, Mass., special agent for Mass., Conn., Me., N. H. and

R. I.; J. U. Dixon, Albany, N. Y., special agent for N. Y.; L. R. Dale, Omaha, Neb., State agent for Mo., Minn., Ia. and Neb.; A. S. Jacobs, Chicago, Ill., State agent for Ill., Ind. and Wis.; W. E. Collins, Detroit, Mich., State agent for O. and Mich.; Frank T. McBride, Newark, N. J., special agent for N. J.; C. E. Titaworth, Harrisburg, Pa., special agent for Del., Md. and Pa. Company operates in all the states and territories excepting Ala., Ark., Haw., Kan., Ky., Miss., N. M., N. D., Okla., P. I., P. R., S. D., Tenn., Tex., Vt., and in Canada.

NEVADA FIRE INSURANCE COMPANY, Carson City, Nev.

President, G. F. Talbot; Secretary and Treasurer, Robert Carlson. Began business, 1914.

ASSETS, DEC. 31, 1914, \$141,045; capital, \$100,000; net surplus, \$34,137.

NEW BRUNSWICK FIRE INSURANCE COMPANY,
New Brunswick, N. J.

President, Geo. A. Viehmann; Vice-President, D. L. Morrison; Vice-President and Secretary, Chas. D. Ross; Treasurer, E. B. Wycoff. Organized, 1826.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,246,913	\$574,726	\$306,558	\$660,795	\$777,779	\$319,268	\$40,496	\$296,145	\$655,909	\$328,633
1913	1,046,932	480,754	171,564	545,970	\$660,337	274,124	31,917	249,784	555,825	280,223
1912	867,630	436,357	145,833	542,259	\$616,943	265,496	30,786	235,959	532,271	274,385
1911	735,480	378,831	122,853	480,136	510,198	233,632	22,014	213,092	468,738	235,179
1910	654,740	300,022	94,185	456,921	490,956	225,514	19,985	207,129	452,628	231,539

Includes \$44,525 premiums on stock sold in 1912, \$75,225 in 1913, and \$70,292 in 1914.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$132,362	Losses unpaid	\$53,086
Mortgage loans	265,854	Unearned premiums	574,726
Bonds and stocks	578,520	Other liabilities	12,543
Cash	156,224		
Agency balances	118,149	Total liabilities	\$640,355
Interest	6,095	Capital paid up	400,000
Other assets	100	Net surplus	206,558
Total	\$1,257,304		
Sp. dep. over liab.	10,391		
Total assets	\$1,246,913	Total	\$1,246,913

Underwriting loss, \$66,749; investment profit, \$62,589.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$7,314,621; premiums thereon, \$1,056,302.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,651,490; losses paid, \$2,372,915; dividends declared, cash \$74,632.

REAL ESTATE OWNED: The only item is the company's home office building, erected in 1907-8 at a cost of \$110,898, and carried at book value, \$132,362.

MORTGAGE LOANS: The company's mortgage loans number 45. The largest single loan is one of \$55,000 on 360-366 George st., New Brunswick. The rate is 5%; the land is valued at \$60,000 and the building at \$40,000 and \$45,000 of insurance is carried thereon. The remaining loans (except nineteen on Perth Amboy, Metuchen, Freehold, Seward, Piscataway, Raritan, Highland Park, Metuchen, N. J., and Portland, Ore. property) are upon real estate in or near New Brunswick. The properties are valued in the aggregate at \$543,750, or more than double the amount loaned (\$268,129). \$1,171 of interest was overdue on December 31, last.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
East Co. N. J., 1934, 4%		\$25,000	\$24,500
U. S. State, 1915, 4½%		10,000	10,000
Jewell Co. N. J., 1932, 4%		1,000	970
New Brunswick, N. J., 1923, 4%		4,000	3,960
New Brunswick, N. J., 1926, 4%		3,500	3,430
N. Y. City, 1954, 3½%		40,000	35,200
N. Y. State, Canal, 1900, 4%		10,000	10,200
Rail. Va., 1941, 4%		16,000	14,880
Chas. & O. R. R., ex. m., 1902, 4½%		5,000	4,700
Colo. & So., 1935, 4½%		20,000	17,600
Erie R. R., ex. m., 1918, 5%		10,000	10,100
Pub. Serv. Co., N. J., 1950, 5%		25,000	22,500
So. Pac. ex. m., 1928, 4%		20,000	17,200
So. Ry., 1 ex. m., 1904, 5%		10,000	10,500
Cent. Les., 1 ex. m., 1925, 5%		10,000	9,900
Rockaway, N. J., 1932, 4%		1,000	850
Security Co., ex. m., 4%		5,800	5,480

BONDS AND STOCKS OWNED.—Cont.
STOCKS.—Cont.

	Par Value.	Market Value.
U. S. Steel, 1963, 5%	\$10,000	\$10,300
Atch., T. & S. F. Ry., p.	10,000	10,300
Balt. & O. R. R., com.	10,000	8,900
Balt. & O. R. R., p.	10,000	8,100
Chi., Mil. & St. Paul, com.	10,000	9,900
Gt. No. Ry., p.	20,000	24,800
No. Pac. Ry.	10,000	11,100
Penn. R. R.	27,500	30,525
So. Pac. R. R.	10,000	9,600
Un. Pac. R. R., com.	10,000	12,800
Equitable Tr., N. Y.	3,500	14,175
Middlesex Title Gr. & Tr., New Bruns.	40,500	70,875
Nat. Bk., N. J., New Brunswick.	7,000	19,950
Nat. Bk., So. Amboy.	1,000	3,040
People's Nat. Bk., New Brunswick.	1,500	3,975
Title Gr. & Tr., N. Y.	1,200	4,944
Asso. Undwrts.	3,500	17,500
Bethlehem Steel, p.	10,000	5,700
Gn. Adj. Bur., N. Y.	450	450
Gn. El.	10,000	15,000
Nat. Sur. N. Y.	15,000	27,300
So. Adj. Bur., Atlanta.	100	100
Washington Water Power, Spokane.	26,400	31,416
Westinghouse El. Mfg., p.	20,000	24,800
Totals (book value, \$543,029)	\$583,950	\$578,520

MISCELLANEOUS: Capital increased in 1905 from \$50,000 to \$200,000 and in 1913 to \$300,000. Surplus paid in on new stock, \$30,000. In 1906 the capital was increased from \$200,000 to \$400,000 and afterward reduced to \$200,000; \$50,000 was realized as premium on the new stock issued. On April 1, 1906, \$200,135 was added to surplus by cash payments of stockholders. In 1913, capital increased \$100,000 (to \$300,000), and \$59,300 surplus paid in. In 1914, capital increased to \$400,000 and \$7,029 surplus paid in. Conflagration losses: Baltimore, 1904, \$3,500; San Francisco, 1906, \$157,000. Value of special deposits: Fla., \$10,200, Ore., \$25,000; Va., \$14,880, Ga., \$10,000.

DIRECTORS: Theo. F. Hicks, William B. Lloyd, W. L. Perrin, D. L. Morrison, Chas. D. Ross, E. B. Wycoff, George A. Viehmann, J. L. Parsons, Henry C. Brummell.

FIELD MEN AND TERRITORY COVERED: W. W. Alverson, manager, San Francisco, Cal., for Cal., Ida., Mont., Ore., Ariz. and Wash.; T. J. Ingram, general agent for Va.; Fred C. Sammis, State agent for Minn.; Reinhardt, Pattillo & Reinhardt, Dallas, Tex., general agents for Tex.; Fish & Schullcamp, Madison, Wis., State agents for Wis.; A. L. La Combe, New Orleans, state agent for La. The company operates in Ala., Cal., Colo., Conn., Fla., Ga., Ill., Ind., Ia., La., Md., Mass., Mich., Minn., Mo., Mont., Neb., N. J., N. Y., N. C., O. Ore., Pa., S. C., Tex., Va., Wash. and Wis.

NEW HAMPSHIRE FIRE INSURANCE COMPANY, Manchester, N. H.

President, F. W. Sargeant; Vice-President, Walter M. Parker; Treasurer, N. P. Hunt; Secretaries, F. E. Martin, L. W. Crockett, Wm. B. Burpee; Assistant Secretary, Geo. A. French. Organized, 1869.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$6,350,079	\$2,569,137	\$1,725,714	\$2,749,893	\$3,013,095	\$1,549,696	\$135,030	\$1,073,083	\$2,757,809	\$1,674,043
1913	6,250,527	2,421,865	1,703,434	2,422,091	2,700,203	1,271,483	134,970	931,188	2,337,641	1,254,343
1912	6,097,887	2,185,607	1,700,761	2,315,200	2,567,402	1,247,634	120,000	899,943	2,267,577	1,282,257
1911	5,725,809	2,090,607	1,654,505	2,252,198	2,491,415	1,292,584	120,000	863,672	2,276,256	1,250,464
1910	5,553,271	2,004,495	1,578,331	2,213,374	2,433,292	1,106,013	110,000	830,499	2,046,512	1,112,124

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$180,727	Losses unpaid.....	\$318,669
Mortgage loans.....	39,500	Unearned prems.....	2,569,137
Bonds and stocks.....	5,505,644	Dividends.....	67,500
Cash.....	120,887	Bldg. sink fund.....	125,000
Agents' balances.....	465,697	Other liabilities.....	194,059
Interest.....	50,855		
Total.....	\$6,363,310	Total liabilities.....	\$3,274,365
Spl. dep. over liab.....	13,231	Capital paid up.....	1,350,000
		Net surplus.....	1,725,714
Total assets.....	\$6,350,079	Total.....	\$6,350,079

Underwriting loss, \$200,562; investment profit, \$171,610.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$492,529,343; premiums thereon, \$5,036,341.

BUSINESS SINCE ORGANIZATION: Premiums received, \$46,655,354; losses paid, \$25,530,419; dividends declared, cash, \$2,874,388.

REAL ESTATE OWNED: Embraces 7 properties in Manchester, N. H., Kansas Cy., St. Paul, and Arkansas Cy., Kan., but 3 of which exceed \$10,000 in market valuation. The principal item is the company's home office building, valued at \$52,000. There are no incumbrances.

MORTGAGE LOANS: There are 5 loans, aggregating \$39,500, protected by properties in Minneapolis, Manchester, N. H., and Nashua, N. H., valued in all at \$115,500, and upon which the company holds \$58,500 of insurance. Most of the loans are small and only 2 exceed \$8,000.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Imp. Jap. Govt., 1910-25, 4½%.....	\$12,175	\$11,125
U. S. Govt., reg., 1925, 4%.....	75,000	84,000
Akron, O., wat. wks. ext., 1928, 4½%.....	20,000	20,600
Albany, N. Y., State st. imp., 1963, 4½%.....	25,000	26,750
Baltimore, Md., anx. imp. reg., 1954, 4%.....	21,500	20,855
Baltimore, Md., cond. in. reg., 1958, 4%.....	25,000	24,250
Boston, Mass., lib. reg., 1923, 4%.....	15,000	14,850
Boston, Mass., arge loan, reg., 1937, 4%.....	25,000	24,500
Boston, Mass., vari. muni. purp., reg., 1927, 4%.....	10,000	9,800
Buffalo, N. Y., gr. cross, reg., 1931, 4%.....	15,000	14,700
Cambridge, Mass., 1928, 4%.....	10,000	10,000
Cincinnati, O., tuber. hosp., 1943, 4½%.....	15,000	15,900
Concord, N. H., wat., 1922, 4%.....	5,000	4,900
Concord, N. H., wat., 1923-4, 3½%.....	10,000	9,300
Dallas, Tex., wat. wks. imp., 1947, 4%.....	20,000	18,200
Duluth, Minn., wat. & lt., 1936, 4%.....	10,000	9,300
Duluth, Minn., sc. 1940, 4½%.....	15,000	15,000
East Portland, Ore., wat., 1921, 6%.....	25,000	27,000
Ga., State of, reg., 1915, 4½%.....	10,000	10,000
Hillsboro Co., N. H., 1915, 4%.....	16,000	16,000
Jersey Cy., N. J., wat., 1961, 4½%.....	25,000	26,500
Kansas Cy., Mo., pk. & blvd. imp., 1924, 4%.....	15,000	14,850
Kansas Cy., Mo., sc. dist., 1933, 4½%.....	15,000	15,600
Kansas City, Mo., wat. wks., 1924, 4%.....	10,000	9,900
Lowell, Mass., reg., 1915, 4½%.....	7,500	7,500
Manchester, N. H., ser. bg., 1933, 4%.....	50,000	50,000
Manchester, N. H., wat. loan, 1915, 4%.....	15,000	15,000
Memphis, Tenn., bd. of edu., 1937, 4%.....	30,000	27,000
Milwaukee, Wis., sc., 1929, 4½%.....	15,000	15,450
Minneapolis, Minn., gr. sc., 1920, 4%.....	15,000	14,850
Nashua, N. H., r., 1931, 4%.....	15,000	15,000
Nashville, Tenn., st., aly., bg. extn., 1943, 4½%.....	15,000	14,850
Newberry Sc. Dist., S. C., 1949, 4½%.....	10,000	9,800
New Britain, Ct., wat. fd., 1933, 4%.....	10,000	9,800
New Haven, Ct., sr. loan, 1928, 4%.....	15,000	14,850
N. Y. Cy., cp. stk., reg., 1956, 4%.....	10,000	10,000
N. Y. Cy., cp. stk., c., 1957, 4½%.....	30,000	32,100
N. Y. Cy., g. ex. cp. stk. c., 1963, 4½%.....	20,000	21,400
N. Y. State, can. imp., g., 1962, 4%.....	30,000	30,300
Omaha, Neb., wat. wks., 1941, 4½%.....	25,000	25,500
Pawtucket, R. I., sr., 1950, 4%.....	20,000	19,000

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
Portland, Ore., wat. loan, 1923, 5%.....	\$25,000	\$26,250
Portsmouth, Va., sc., 1940, 4½%.....	10,000	9,700
Providence, R. I., sr. loan, reg., 1921, 4%.....	20,000	19,800
Rockingham Co., N. H., 1918, 4%.....	5,000	5,000
Saginaw, Mich., bg., 1924, 4%.....	10,000	9,800
St. Paul, Minn., gr. sc., 1940, 4%.....	20,000	19,600
Santa Barbara, Cal., wat. wks. ext., 1935, 4½%.....	20,000	19,600
Schenectady, N. Y., sc., reg., 1930, 4½%.....	10,000	10,300
Seattle, Wash., sr., 1927, 4½%.....	10,000	10,000
Spartanburg, S. C., sc. dist., 1932, 4½%.....	10,000	10,000
Springfield, Mass., reg., sc. loan, 1917, 4%.....	25,000	25,000
Toledo, O., bg., 1931, 4½%.....	15,000	15,300
A. T. & S. F. Ry., gn. m., 1905, 4%.....	50,000	47,500
A. C. L. R. R., col. tr. L. & N., 1952, 4%.....	50,000	46,000
B. & O. R. R., cv. g., 1933, 4½%.....	6,000	5,520
Bangor & Aroostook R. R., ca. r. m., 1951, 4%.....	10,000	7,000
Bangor & Aroostook R. R., M. Extn., 1 m., 1937, 5%.....	25,000	22,500
B. & M., 1926, 4%.....	25,000	17,500
B. R. & P. Ry., ca. m., 1957, 4½%.....	10,000	10,300
Can. So. Ry., ca. gr. g., 1962, 5%.....	25,000	26,500
Cent. R. R. of N. J., gn. m., 1987, 5%.....	25,000	29,250
C. & O. Ry., 1 ca. m., 1939, 5%.....	25,000	26,500
C. B. & Q. R. R., Den. Ex., 1922, 4%.....	16,000	16,000
C. B. & Q. R. R., Ill. Div., r. m. reg., 1949, 3½%.....	40,000	33,600
C. I. & L. Ry., r. m., 1947, 6%.....	20,000	24,000
C. M. & St. P. Ry., g. m., 1969, 3½%.....	25,000	20,000
C. M. & St. P. Ry., d., 1934, 4%.....	25,000	22,750
C. M. & St. P. Ry., cv. g. d., 1932, 4½%.....	18,000	18,150
C. J. R. R., 1 m., 1945, 4%.....	40,000	33,200
C. S. & C. R. R., ca. 1 m., 1928, 5%.....	10,000	10,100
C. C. & C. I. Ry., gn. ca. m., 1934, 6%.....	25,000	29,500
Col. & Green R. R., 1 m., 1916, 6%.....	20,000	20,400
Conc. & Clare R. R., 1 m., 1944, 5%.....	60,000	60,000
Conc. & Mont. R. R., 1 m., 1920, 4%.....	100,000	93,000
Conc. & Mont. R. R., d., 1920, 3½%.....	25,000	22,000
Conc. & Mont. R. R., d., 1920, 4%.....	40,000	36,400
Conn. & Pass. R. R., 1 m., 1943, 4%.....	28,000	24,640
Del. & Hud., cv. d., 1916, 4%.....	12,000	11,880
Del. & Hud., 1 ln. eq., 1922, 4½%.....	30,000	30,000
Fitchburg R. R., 1927, 4%.....	40,000	35,200
Gr. R., B. & S. R. R., 1 m., 1924, 5%.....	8,000	6,400
Ill. Cent. Eq. Tr., 1917, 4½%.....	12,000	12,000
Ind. & St. L. R. R., 1 m., 1919, 7%.....	18,000	18,900
Kansas Cy. Tm. Ry., 1 m., reg., 1960, 4%.....	25,000	23,250
Ky. Cent. Ry., 1 m., 1987, 4%.....	25,000	22,250
L. S. & M. So. Ry., d., 1928-31, 4%.....	51,000	47,600
La. Val. Tm. Ry., 1 m., 1941, 5%.....	35,000	38,500
Man. & Law. R. R., 1922, 4%.....	25,000	22,500
Mich. Cent. R. R., d., 1929, 4%.....	20,000	16,900
M. St. P. & S. Ste. M. Ry., 1 ca. m., 1938, 4%.....	20,000	18,800
M. St. P. & S. Ste. M. Ry., eq. n., 1915, 5%.....	10,000	10,000
Mo. Pac. Ry., ca. 1 m., 1920, 6%.....	10,000	10,200
Mont. Cent. Ry., 1 m., 1937, 5%.....	25,000	27,200
N. Y. C. & H. R. R., d., 1934, 4%.....	10,000	8,900
N. Y. C. & H. R. R.—B. & A. R. R. eq. tr., 1925, 4½%.....	25,000	24,700
N. Y. C. Lines, eq. tr., 1919, 8%.....	30,000	30,000
N. Y., N. H. & H. R. R., cv. d., 1948, 6%.....	18,200	19,800
N. Y., N. H. & H. R. R., cv. d., 1956, 3½%.....	16,500	11,300
N. Y., N. H. & H. R. R., H. R. & P. C., 1 m., 1954, 4%.....	15,000	13,200
N. P. & G. N. Ry., reg., 1921, 4%.....	170,000	164,400
N. P. Ry., St. P. & D. m., 1906, 4%.....	25,000	22,400
Nor. & Wor. R. R., d., 1927, 4%.....	15,000	13,400
Ore. Sh. L. R. R., r. m., 1929, 4%.....	10,000	9,900
Ore. Sh. L. R. R., r. m., 1922, 6%.....	20,000	22,100
Ore. Sh. L. R. R. Co., ca. 1 m., 1946, 5%.....	25,000	26,000
Pa., col. tr., 1931, 4%.....	20,000	18,100
Peter & Hills R. R., 1 m., 1917, 4½%.....	20,000	19,000
Rich.-Wash., col. tr., 1943, 4%.....	10,000	9,000

NEW HAMPSHIRE FIRE INSURANCE COMPANY, Manchester, N. H.—Cont'd.

BONDS AND STOCKS OWNED.—Cont.		Par Value	Market Value	BONDS AND STOCKS OWNED.—Cont.		Par Value	Market Value
Bonds.—Cont.				Stocks.—Cont.			
R. I. F. M. Ry., 1 m., 1927, 5%.....		\$10,000	\$9,200	Pemigewasset Nat. Bk., Plymouth, N. H.		\$6,000	\$12,000
St. L. I. Mt. & So. Ry., R. & G. Div'n., 1 m., 1933, 4%.....		20,000	14,400	Adams Express.....		10,000	9,800
Sull. Co. R. R., 1 m., 1924, 4%.....		25,000	22,500	Amer. Express.....		20,000	20,000
Tm. R. R. Assn., St. L., 1 ca. m., 1944, 5%.....		25,000	26,250	Amer. Sugar Ref., p.....		50,000	55,500
Tol. St. L. & W. R. R., pr. ln., 1925, 3½%.....		25,000	19,000	Amer. Tl. & Tg.....		68,000	81,600
Union Pac. R. R., 1 m., 1947, 4%.....		10,000	9,700	Amoskeag Manu., Manchester, com.....		147,500	88,500
Ut. & No. Ry., 1 m., 1933, 4%.....		12,000	11,760	Amoskeag Manu., Manchester, p.....		85,000	84,150
Vicks. & Mer. R. R., 1 m., 1921, 6%.....		25,000	25,000	Ca. Gas, N. Y.....		30,000	38,400
West End St. Ry., 1923, 4½%.....		25,000	24,500	Gn. Adj. Bur., N. Y.....		300	300
Wis. Cent. Ry., 1 gn. m., 1949, 4%.....		25,000	22,000	Laconia, Laconia, N. H.....		2,400	240
Ad. Exp., col. tr., 1947-48, 4%.....		45,000	33,850	Manchester, N. H., gas lt.....		2,100	13,125
Amer. Loan, g. n., 1917, 5%.....		50,000	49,500	Mass. Gas, p.....		30,000	27,000
Amer. Tl. & Tg., col. tr., 1929, 4%.....		65,000	48,950	Nashua C., G. & C. Pap., p.....		10,000	7,500
Amer. Tl. & Tg., cr., 1933, 4½%.....		14,000	13,720	Nat. Bisc., p.....		20,000	25,400
Berlin Mills, 1 m., 1920-25, 5%.....		50,000	49,500	Nat. Sugar Ref., new.....		10,000	9,000
Gen. El. g. d., 1932, 5%.....		5,000	5,200	New Hamp. Securities, Manchester.....		400,000	400,000
Gr. No. Pap., 1 m., 1927, 5%.....		50,000	50,000	Pemigewasset Co., Plymouth.....		6,000	3,000
Ill. St. g. d., 1940, 4½%.....		10,000	8,700	Pullman.....		60,000	93,000
Manch. Tr. Lk. & Pow., 1 m., 1921, 5%.....		100,000	101,000	Sanborn Map.....		1,000	2,800
Mass. Gas, a. f., 1929, 4½%.....		50,000	48,000	So. Adj. Bur., Atlanta.....		200	200
Metrop. Steam, N. J., 1939, 5%.....		20,000	14,000	Underwriters' Salv., Chicago.....		1,000	1,000
Miss. Gas, Lk., 1 gn. m., 1930, 5%.....		50,000	50,000	Underwriters' Salv., N. Y.....		400	400
New Eng. Tl. & Tg., g., 1932, 5%.....		25,000	25,000	Wells Fargo.....		5,000	4,650
People's Gas Lk. & Ck., Chicago, r. m., 1947, 5%.....		10,000	10,000	Western Ad. & Insp., Chicago.....		100	100
United Fruit, a. f., g. d., 1925, 4½%.....		25,000	23,000	West. Union Tg.....		10,200	5,915
U. S. Steel, 2 m., 1933, 5%.....		20,000	20,400				
U. S. Ry. col. tr. g. n., 1917, 6%.....		25,000	24,750				
Was. Tl. & Tg., col. tr., 1932, 5%.....		16,000	15,360				
Was. Union Tg., col. tr., 1933, 5%.....		25,000	23,750				
STOCKS.				Totals (book value, \$4,895,960).....			
A. T. & S. Fe Ry., com.....		10,000	9,800			\$5,509,325	\$5,505,644
A. T. & S. Fe Ry., p.....		20,000	20,000				
B. & O. R. R., com.....		10,000	9,000				
B. & O. R. R., p.....		10,000	8,000				
Bna. & Alb. R. R.....		20,000	36,000				
Bna. & Me. R. R., com.....		30,000	10,500				
Bna. & Me. R. R., p.....		10,000	4,500				
Chi. Gt. West. R. R., p.....		27,500	9,625				
Chi. Jc. Ry. & Un. Stk. Yds., p.....		20,000	21,000				
Chi. Mil. & St. P. Ry., com.....		50,000	49,500				
Chi. Mil. & St. P. Ry., p.....		50,000	66,000				
Chi. & N. W. Ry., com.....		137,500	180,125				
Chi. R. I. & Pac. Ry., old stk.....		3,300	660				
Conc. & Mont. R. R., cl. 1.....		15,000	15,750				
Conc. & Mont. R. R., cl. 2.....		2,500	2,625				
Conc. & Mont. R. R., cl. 4.....		50,000	53,500				
Dt. & Hud.....		50,000	73,500				
Fitchburg R. R., p.....		10,000	7,700				
Gr. Nor. Ry., p.....		35,000	43,785				
Ill. Cent. R. R.....		80,000	89,600				
Lah. Val. R. R.....		20,000	27,200				
Me. Cent. R. R.....		30,000	28,500				
N. Y. C. & H. R. R. R.....		125,000	111,250				
N. Y. N. H. & H. R. R.....		32,300	20,995				
No. R. R. N. H.....		13,000	13,260				
No. Pac. Ry.....		20,000	22,000				
Norwich & Worcester R. R., p.....		5,000	7,750				
Pemigewasset Valley R. R.....		26,000	26,000				
Pa. R. R.....		151,250	167,887				
Pitts. & Chi. Ry.....		20,000	32,000				
Shacoak Valley R. R.....		4,000	1,600				
St. Pac.....		18,900	18,144				
Union Pac. R. R., p.....		50,000	41,000				
Enter. Bkg., Exeter, N. H.....		1,000	1,500				
First Nat. Bk., Concord, N. H.....		8,000	25,600				
First Nat. Bk., Peterborough, N. H.....		5,000	6,250				
Laconia Nat. Bk., Laconia, N. H.....		2,400	2,400				
Lancaster Nat. Bk., Lancaster, N. H.....		5,000	5,750				
Merchants Nat. Bk., Manchester, N. H.....		13,000	17,550				

MISCELLANEOUS: Capital increased in 1882 from \$250,000 to \$500,000; in 1888 to \$800,000; in 1891 to \$700,000; in 1893 to \$800,000; in 1896 to \$900,000, and in 1897 to \$1,000,000; in 1907 to \$1,100,000; in 1910 to \$1,200,000, and in 1912 to \$1,350,000. Confignation losses: Baltimore, 1904, \$414,491; San Francisco, 1906, \$455,340. Values of special deposits: Georgia, \$10,000; Virginia, \$55,500.

DIRECTORS: Nathan P. Hunt, Walter M. Parker, Alfred Quimby, Frederic A. Faulkner, Herman F. Straw, Frank P. Carpenter, Henry E. Burnham, Roger G. Sullivan, Frank W. Sargeant, Thomas R. Varick, Warren Brown, William H. Cadwell, Arthur M. Heard, Harris M. Shaw, Benjamin A. Kimball, Orton B. Brown, Samuel K. Bell, George P. Crafts, William F. Richards, John A. Fisher, Geo. W. Fowler, Aretas B. Carpenter, Franklin Worcester, Arthur W. Howison.

FIELD MEN AND TERRITORY COVERED: Gilman McAlister, special agent, at home office, A. L. Bliss, special agent, 30 Kilby st., Boston; L. W. Thompson, New Haven, Conn., for New England; W. A. Quigley, Philadelphia, Pa., special agent for suburban Philadelphia; E. S. Joseph, Harrisburg, Pa., special agent for eastern Pa.; Smith M. Wilson, Pittsburg, Pa., special agent for western Pa., western Md. and W. Va.; John W. Wood, Buffalo, N. Y., special agent for western N. Y.; Frederick Peters, Fishkill, N. Y., special agent for eastern N. Y.; Frank Bancroft, E. Orange, N. J., special agent for N. J.; W. M. King, Atlanta, Ga., and John J. McKay, Macon, Ga., managers south Atlantic department, comprising Ga., Fla. and Ala.; D. E. Witt, Lynchburg, Va., special agent for Va., N. C. S. C. and southern W. Va.; A. D. Yeaton, Oshkosh, Wis., special agent for Wis.; M. S. Moore, Terre Haute, Ind., special agent for Ind., Ky. and Tenn.; Wm. R. Drake, Terre Haute, Ind., special agent for Ind.; F. S. Chase, Bloomington, Ill., special agent for Ill.; T. M. Averill, Lincoln, Neb., special agent for Neb.; Geo. K. March, Hilledale, Mich., special agent for Mich.; D. C. Zercher, Kansas City, Mo., special agent for Mo. and Kan.; A. E. White, Denver, Colo., special agent for Colo. Neb. and Wyo.; Aaron W. Jones, Columbus, O., special agent for O.; B. E. Hoffmaster, Omaha, Neb., special agent for Ia. and S. D.; J. H. Gornell, Minneapolis, Minn., special agent for Minn. and N. D.; A. T. Bailey, San Francisco, manager for Cal., Ore. Utah and Mont.; John A. Whalley & Co., Seattle, Wash., State agents for Wash.; Tresevant & Cochran, Dallas, Tex., general agents for La., Tex., Ark. and Okla. The company does business in all the States and Territories of the United States, except Ala., Ariz., Ida., Nev. and N. M.

Totals (book value, \$4,895,960)..... \$5,509,325 \$5,505,644

MISCELLANEOUS: Capital increased in 1882 from \$250,000 to \$500,000; in 1888 to \$600,000; in 1891 to \$700,000; in 1893 to \$800,000; in 1896 to \$900,000, and in 1897 to \$1,000,000; in 1907 to \$1,100,000; in 1910 to \$1,200,000, and in 1912 to \$1,350,000. Conflagration losses: Baltimore, 1904, \$414,491; San Francisco, 1906, \$455,340. Values of special deposits: Georgia, \$10,000; Virginia, \$56,500.

DIRECTORS: Nathan P. Hunt, Walter M. Parker, Alfred Quimby, Frederic A. Faulkner, Herman F. Straw, Frank P. Carpenter, Henry E. Burnham, Roger G. Sullivan, Frank W. Sargent, Thomas R. Varick, Warren Brown, William H. Cadwell, Arthur M. Heard, Harris M. Shaw, Benjamin A. Kimball, Orton B. Brown, Samuel K. Bell, George P. Crafts, William F. Richards, John A. Fisher, Geo. W. Fowler, Aretas B. Carpenter, Franklin Worcester, Arthur W. Howison.

FIELD MEN AND TERRITORY COVERED: Gilman McAlister, special agent, at home office, A. L. Bliss, special agent, 20 Kilby st., Boston; L. W. Thompson, New Haven, Conn., for New England; W. A. Quigley, Philadelphia, Pa., special agent for suburban Philadelphia; E. S. Joseph, Harrisburg, Pa., special agent for eastern Pa.; Smith M. Wilson, Pittsburgh, Pa., special agent for western Pa.; western Md. and W. Va.; John W. Wood, Buffalo, N. Y., special agent for western N. Y.; Frederick Peters, Fishkill, N. Y., special agent for eastern N. Y.; Frank Bancroft, E. Orange, N. J., special agent for N. J.; W. M. King, Atlanta, Ga., and John J. McKay, Macon, Ga., managers south Atlantic department, comprising Ga., Fla. and Ala.; D. E. Witt, Lynchburg, Va., special agent for Va., N.C. S.C. and southern W. Va.; A. D. Yeaton, Oaksho, Wis., special agent for Wis.; M. S. Moore, Terre Haute, Ind., special agent for Ind., Ky. and Tenn.; Wm. R. Drake, Terre Haute, Ind., special agent for Ind.; F. S. Chase, Bloomington, Ill., special agent for Ill.; T. M. Averill, Lincoln, Neb., special agent for Neb.; Geo. K. March, Hillsdale, Mich., special agent for Mich.; D. C. Zercher, Kansas City, Mo., special agent for Mo. and Kan.; A. E. White, Denver, Colo., special agent for Colo., Neb. and Wyo.; Aaron W. Jones, Columbus, O., special agent for O.; B. E. Hoffmaster, Omaha, Neb., special agent for Ia. and S. D.; J. H. Gornell, Minneapolis, Minn., special agent for Minn. and N. D.; A. T. Bailey, San Francisco, manager for Cal., Ore., Utah and Mont.; John A. Whalley & Co., Seattle, Wash., State agents for Wash.; Tresevant & Cochran, Dallas, Tex., general agents for La., Tex., Ark. and Okla. The company does business in all the States and Territories of the United States, except Alas., Ariz., Ida., Nev. and N. M.

NEW JERSEY FIRE INSURANCE COMPANY, Newark, N. J. §

President, Geo. A. Viehmann; Vice-Presidents, Rudolph F. Rabe, C. L. Auger, A. E. Hartcorn; Secretary, Geo. E. Lyon. Organized, 1910.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$2,061,872	\$608,531	\$326,068	\$8707,487	\$912,238	\$423,868		\$329,628	\$753,496	\$435,066
1913	2,076,237	547,744	404,115	663,375	7823,192	405,101		328,984	734,065	405,859
1912	1,914,926	462,640	430,143	612,636	*1,021,674	189,826		279,721	469,547	243,861
1911	585,772	196,216	245,636	268,666	*576,733	18,775		120,068	138,783	33,004

* Includes \$296,000 initial surplus paid in in 1911 and \$331,627 additional in 1912. † Includes \$76,530 surplus paid in, and \$11,627 received from organization board. ‡ Includes \$6,256 marine premiums and \$29,954 marine losses.

§ Transacts both fire and marine business.

NEW JERSEY FIRE INSURANCE CO., Newark, N. J.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$297,035	Losses unpaid.....	\$105,762
Mortgage loans.....	738,950	Unearned premis.....	608,531
Bonds and stocks.....	757,336	Other liabilities.....	20,921
Cash.....	99,033		
Agents' balances.....	144,671	Total liabilities.....	\$735,214
Interest and rents.....	17,838	Capital paid up.....	1,000,000
Other assets.....	7,009	Net surplus.....	326,658
Total assets.....	\$2,061,872	Total.....	\$2,061,872

Underwriting loss, \$144,484; investment profit, \$67,026.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$105,461,963; premiums thereon, \$1,156,529; marine and inland risks in force, \$500,040; premiums thereon, \$6,255.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,252,165; losses paid, \$1,012,133.

REAL ESTATE OWNED: Consists of an 8-story fire-proof building at 38-40 Clinton st., Newark, occupied for office purposes, carried at book value, \$238,252, a dwelling in Rutherford, N. J., valued at \$11,539, an office building in Rutherford carried at \$26,075, and a brick tenement property in Passaic, N. J., which cost \$22,709. The three last named properties were acquired under foreclosure.

MORTGAGE LOANS: There are 94 loans, ranging from \$2,500 to \$32,000 in amount, and aggregating \$738,950, secured by properties in Montclair, Passaic, Plainfield, Rutherford, Carlstadt, Little Falls, Ridgewood, Asbury Park, Belmar, Atlantic Highlands, Highland Park, West Orange, Perth Amboy, New Brunswick, Fanwood, Murray Hill Park, East Orange, Red Bank, Clifton, Lakeview, North Arlington, Glen Ridge, Palisades, Lake Hopatcong, Long Branch, Boonton, Nutley, Short Hills, South Orange, Irvington, Bloomfield, Ocean City, Millburn, and Newark, N. J., valued at \$1,434,235, the company holding \$890,800 of insurance on the buildings. There was \$1,762 of interest past due on Dec. 31, last. The largest loan, \$32,000, is protected by the apartment house at N. Burnett and William sts., East Orange, valued at \$65,000, and insured for \$40,000.

BONDS AND STOCKS OWNED:

BONDS.		Par Value.	Market Value.
Asbury Park, N. J., imp., 1947-51, 4½%		\$5,000	\$5,050
Atlantic Cy., N. J., drg., 1941, 4½%		5,000	5,200
Atlantic Cy., N. J., pav., 1921, 4%		10,000	9,900
Atlantic Cy., N. J., wat., 1941, 4½%		6,000	6,240
Bayonne, N. J., f., 1928, 5%		5,000	5,350
Bayonne, N. J., g. f., 1929, 4½%		7,000	7,140
Bayonne, N. J., sc., 1930, 4½%		5,000	5,100
Bridgeton, N. J., imp., 1941, 4½%		10,000	10,200
Bordentown, swg. disp., 1940, 4½%		5,000	5,000
Burlington, imp., 1946, 4½%		5,000	5,000
Camden, r., 1941, 4½%		5,000	5,250
Cape May, N. J., imp., 1942, 5%		10,000	10,700
Hoboken, sc., 1942, 4½%		10,000	10,400
Jersey Cy., sc., 1961, 4½%		15,000	15,000
Jersey Cy., hosp., 1935, 4%		5,000	4,850
Jersey Cy., pk., 1961, 4½%		5,000	5,000
Jersey Cy., wat., 1961, 4½%		20,000	21,000
Long Branch, sc., 1941, 4½%		5,000	5,100
Newark, corp. sc., 1930, 4%		5,000	4,950
Newark, new city hall, 1931, 3½%		20,000	18,600
Newark, wat., 1922, 4%		5,000	4,950
New Brunswick, sc., 1953-55, 4½%		5,000	5,250
New Brunswick, s. f., 1920, 4½%		1,000	1,010
Orange, mun. el. lt., 1960, 4%		5,000	4,700
Orange, f., 1936, 4½%		10,000	10,300
Orange, sr., 1915-21, 5%		3,000	3,090
Passaic, sc., 1917-40, 4½%		10,000	10,300
Passaic, hosp., 1936, 4%		10,000	9,700
Paterson, sc., 1934, 4%		5,000	4,900
Paterson, sc., 1940, 4½%		5,000	5,250
Summit, f., 1940, 4½%		5,000	5,200
Summit, pk., 1936, 4½%		5,000	5,200
South Amboy, sr., 1945-46, 5%		5,000	3,240
Trenton, sc., 1941, 4½%		10,000	10,600
Trenton, r., 1921, 4½%		10,000	10,200
Trenton, r., 1916, 4%		5,000	5,000
Bergen Co. bldg., 1936, 4½%		5,000	5,200
Bergen Co. bx., 1931, 4½%		5,000	5,150
Cape May Co. rd. & bx., 1941, 4½%		10,000	10,200
Camden Co., rd. imp., 1935, 4½%		5,000	5,200
Essex Co., hosp., 1949, 4%		10,000	9,800
Hudson Co., pk., 1959, 4%		30,000	28,500
Middlesex Co. bldg., 1932, 4½%		10,000	10,100
Middlesex Co. bx., 1926, 3½%		15,000	14,100
Passaic Co. reldg. bx., 1920, 4%		3,000	2,970
Union Co., hosp., 1941, 4½%		10,000	10,400

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.		Par Value.	Market Value.
Harrison, sc., 1921, 4½%		\$2,000	\$2,000
Little Falls, N. J., sc., 1917-19, 4½%		5,000	5,000
Union, sc., 1923, 4½%		10,000	10,100
West Orange, N. J., sc., 1939, 5%		10,000	10,000
Morris & Essex R. R., 1 r., 2000, 3½%		10,000	8,700
N. Y. Susq. & W. R. R., r., 1937, 5%		5,000	4,750
N. Y. Susq. & W. R. R., gn. m., 1940, 5%		3,000	2,190
N. J. & H. R. R. R. & F., 1 m., 1950, 4%		10,000	8,250
Nor. & West. R. R., cs., 1938, 4½%		1,000	1,050
So. Pac., cv., 1934, 5%		2,000	2,040
U. N. J. R. R. Canal, gn. m., 1923, 4%		10,000	10,000
W. J. & S. R. R., 1 ca. m., 1936, 4%		20,000	19,400
Newark Pass. R. R., 1 ca. m., 1930, 5%		10,000	10,500
Boonton El. of N. J., g. m., 1942, 5%		5,000	5,000
Cs. Tc. of N. J., 1 m., 1933, 5%		5,000	5,150
Cs. Gas of N. J., 1 ca. m., 1936, 5%		11,000	11,600
Elis. & Trenton R. R., 1 m., 1962, 5%		20,000	19,000
Hudson Gas, 1 m., 1949, 5%		10,000	10,400
Mercer Co. Tc., 1 m., 1944, 5%		10,000	9,500
Morris & Somerset El. & F., 1940, 5%		10,000	9,700
Newark Gas, 1 m., 1944, 6%		3,000	3,100
N. J. & No. Gas, 1 m., 1952, 5%		10,000	9,900
Pat. & Pass. G. & E., cs. m., 1949, 5%		5,000	5,050
Plainfield Un. Wat., r., 1931, 5%		20,000	20,200
Public Service, N. J., gn. m., 1959, 5%		5,000	4,500
Riverside Tc., 1 m., 1960, 5%		10,000	9,300
Shore Lighting, 1 m., 1951, 5%		15,000	14,550
United El., N. J., 1 m., 1949, 4%		5,000	4,050

STOCKS.

Great Northern Ry.....	11,900	14,756
Lehigh Valley R. R.....	10,000	13,800
Reading.....	10,000	16,400
A. T. & S. Fe Ry.....	10,000	9,900
Atlantic Coast Line R. R.....	10,000	12,100
Louisville & Nashville R. R.....	10,000	13,800
Norfolk & Western Ry.....	10,000	10,400
Pittsburg C. C. & St. L. Ry.....	10,000	7,300
Pittsburg C. C. & St. L. Ry., p.....	10,000	9,500
Louisville & Nashville R. R.....	2,000	2,760
Atlantic Coast Line R. R.....	1,000	1,210
Norfolk & Western Ry.....	500	520
Southern Pacific.....	10,000	9,600
B. & O. R. R.....	10,000	8,900
Brooklyn Rapid Transit.....	10,000	9,200
Pa. R. R.....	5,000	5,550

Totals (book values, \$781,335)..... \$745,400 \$757,336

MISCELLANEOUS: The New Jersey Fire of Newark, N. J., was examined for license by the Commissioner of Banking and Insurance of the State of New Jersey, as of March 18, 1911. The company then possessed a paid-up capital of \$200,000 and a cash surplus of \$148,363. During 1911 capital was increased to \$400,000 and \$296,000 additional surplus paid in. In 1912, capital was again increased to \$900,000, and \$370,000 additional surplus paid in. In 1913 capital was increased to \$1,000,000 and \$75,000 additional surplus paid in.

DIRECTORS: Chas. L. Auger, E. C. Bataille, W. R. Coddington, Wm. L. Douglas, Edwin B. Goodell, Thos. J. Hillery, Rudolf F. Rabe, David St. John, M. D., Edmund Eugene Sargeant, Wm. G. Whilden, Frank Stumpf, A. E. Hartoon, Frank Jennings, Geo. N. Seger, I. A. Hall, Geo. E. Lyon.

FIELD MEN AND TERRITORY COVERED: W. O. Chasman, Newark, N. J., special agent for N. J.; W. H. Wagner, Philadelphia, Pa., special agent for eastern Pa. and Md.; E. C. Wolfe, Pittsburg, Pa., special agent for western Pa.; George Berr, 123 William st., N. Y. Cy., special agent for N. Y.; Paul V. Schenck, Greensboro, N. C., general agent for N. C. and S. C.; H. S. Kaufmann, New Orleans, La., general agent for La.; G. O. Jalonic, Dallas, Tex., general agent for Tex.; Guy M. Rush, Los Angeles, Cal., general agent for Cal.; Jos. H. Rucker, general agent for San Francisco, Cal.; Seeley & Co., general agents for Wash., D. C. and B. C.; Jordan & Norton, Jacksonville, Fla., general agents for Fla.; J. W. Robertson, Chicago, Ill., general agent for Ill.; Col. Ind., Minn., Wis., O. and Mich.; D. Cliffe Stone, Nashville, Tenn., general agent for Tenn., Ala. and Ky. The company operates in Ala., Cal., Colo., Fla., Ill., Ind., Ia., Ky., La., Md., Ma. Mich., Minn., N. J., N. Y., N. C., O., Ore., Pa., S. C., Tex., Tex., Wash., Wis. and B. C.

NIAGARA FIRE INSURANCE COMPANY, New York, N. Y.

President, Harold Herrick; Vice-President, Geo. C. Howe; Secretary, Geo. W. Dewey. Organized, 1850.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$7,439,173	\$3,682,593	\$2,323,733	\$3,827,597	\$4,148,328	\$1,834,096	\$250,000	\$1,574,154	\$3,658,250	\$1,925,039
1913	6,914,960	3,096,428	2,500,950	3,284,293	3,542,684	1,655,731	350,000	1,319,555	3,225,286	1,670,913
1912	6,961,689	2,969,430	2,661,692	3,174,564	3,471,764	1,691,311	250,000	1,273,319	3,214,630	1,680,164
1911	6,736,192	2,901,854	2,475,199	3,226,700	3,500,506	1,644,310	200,000	1,243,089	3,087,399	1,575,468
1910	6,249,037	2,777,578	2,051,128	3,151,211	3,398,195	1,477,189	475,000	1,224,340	3,176,529	1,534,093

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans	\$553,500	Losses unpaid	\$347,315
Bonds and stocks	5,822,860	Unearned premiums	3,682,593
Cash	475,726	Other liabilities	85,532
Agents' balances	517,351		
Interest	39,220	Total liabilities	\$4,115,440
Other assets	94,186	Capital paid up	1,000,000
		Net surplus	2,323,733
Total	\$7,502,873		
Stk. dep. over liab.	63,700		
Total assets	\$7,439,173	Total	\$7,439,173

Underwriting loss, \$285,125; investment profit, \$421,608.

RISKS AND PREMIUMS: Fire risks in force, December 31, 1914, \$688,118,794; premiums thereon, \$6,991,703; marine and inland risks in force, \$1,297,348; premiums thereon, \$35,374.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,739,941; losses paid, \$47,231,128; dividends declared, cash, \$5,004,000.

MORTGAGE LOANS: There are 8 loans, of which the largest is \$145,000 secured by 3 E. 51st st., N. Y. (valued at \$220,000). The others are: \$50,000 on 442-444 3d ave., N. Y. (valued at \$81,000); \$72,500 on 133-5 W. 11th st., N. Y. (valued at \$105,000); \$46,000 on 404-8 E. 49th st. (valued at \$170,000); \$40,000 on residence at Cold Spring Harbor, N. Y. (valued at \$125,000); \$65,000 on 679 Broadway, N. Y. (valued at \$100,000); \$43,000 on 464 Amsterdam ave., N. Y. (valued at \$47,500); \$100,000 on 106-13 W. 55th st., N. Y. (valued at \$170,000). \$5 interest was overdue on December 31, last.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Albany, g. d., 1924, 4 1/2%	\$50,000	\$48,500
Albany, N. M., s. ar. ba., 1929, 4 1/2%	10,000	10,000
Dewey Dyking Dist., B. C., d., 1934, 4 1/2%	15,000	12,750
Georgia, reg., 1915, 4 1/2%	10,000	10,000
Massachusetts, Va., r., 1935, 4%	25,000	23,750
N. Y. Cy., ep., wat. sup., 1900, 4 1/2%	200,000	202,000
N. Y. Cy., 1936, 4%	82,000	81,180
N. Y. Cy., wat. sup., 1954, 3 1/2%	65,000	57,200
N. Y. Cy., g. ex., 1962, 4 1/2%	50,000	51,500
N. Y. Cy., ex. pub. pla., pkways. & drives, 1915, 2 1/2%	40,000	39,200
N. Y. Cy., ext. Riverside Drive, 1954, 3 1/2%	40,000	35,200
N. Y. Cy., ep., 1954, 3 1/2%	29,000	25,520
N. Y. Cy., ex. st. & pk. opening, 1918, 3 1/2%	14,000	13,720
N. Y. Cy., const. r. t., 1954, 3 1/2%	6,000	5,280
N. Y. Cy., imp. exempt, 1962-61, 4%	75,000	76,500
New York, Pal. Interstate Pl., 1961, 4%	25,000	25,500
Norfolk, Va., Ward Imp., 1936, 4%	12,000	10,800
Norfolk, Va., 1923, 5%	500	506
Portland, Ore., wat. l., 1923, 5%	10,000	10,500
Portland, Ore., g., 1922, 5%	40,000	40,900
Richmond, Va., 1943, 4%	15,000	13,950
Richmond, Va., 1926, 4%	500	480
Winnipeg, Can., ex. 1943, 4%	10,000	8,900
Ad. Cat. L. B. R., g. Louis. & Nash., col. 1962, 4%	150,000	138,000
Cent. Pac. Ry., l. r., g., 1949, 4%	50,000	47,000
Chesapeake & O. g., 1914		
C. M. & St. L. R. R., cv., g., 1932, 4 1/2%	23,000	23,480
C. E. I. & Pac. Ry., l. r. m., g., 1934, 4%	50,000	36,000
C. R. I. & P. Ry., g. d., 1932, 5%	100,000	60,000
Erie R. R., col. g., 1914		
Gen. Cy., Ft. Scott & M. Ry., g., 1936, 4%	75,000	54,750
L. S. & M. So. Ry., 1915, 5%	50,000	50,000
L. S. & M. So. Ry., 1915, 5%	50,000	50,000
Mo. Pac. Ry., ext. g., 1915, 6%	50,000	45,000
No. P. Ct. No. reg. jt. ba., C. B., & Q. col. 1921, 4%	100,000	97,000
So. Pac. cv., g., 1929, 4%	150,000	129,000
So. Pac. cv., g., 1934, 5%	100,000	102,000
Can. Perm. M. Co., d., 1920, 4 1/2%	30,000	30,000

BONDS AND STOCKS OWNED.—Cont.

BONDS.	Par Value.	Market Value.
Hack., N. J., wat., 1 m., g., 1952, 4%	\$50,000	\$42,500
Ind. Steel, 1 m., g., 1952, 5%	50,000	51,000
Lake Gas, Cook Co., 1 m., 1915, 6%	20,000	20,000
Liggett & Myers Tob., g., 1951, 5%	100,000	102,000
P. Lorillard, g., 1951, 5%	85,000	85,850
Mortgage Bond of N. Y., g., 1966, 4%	24,000	20,160
N. Y. Gas, El. Lt., Ht. & Pow., p., g., 1949, 4%	50,000	43,500
U. S. Steel Co., reg., s. f., g., 1963, 5%	100,000	103,000

STOCKS.

Atch., T. & S. F. R. R., p.	200,000	206,000
Atch., T. & S. F. R. R., com.	124,000	122,760
Balt. & O. R. R., p.	36,000	29,160
Balt. & O. R. R., com.	267,500	238,075
Cent. R. R. of N. J.	130,000	396,500
Chi., Mil. & St. P. R. R., p.	60,000	80,400
Chi., Mil. & St. P. R. R., com.	50,000	49,500
Chi. & Nwn. R. R., com.	150,000	199,500
Clev. & Pitts. R. R.	10,000	16,600
Louis. & Nash. R. R.	180,000	248,400
Morris & Essex R. R.	20,000	34,200
N. Y., L. & W. Ry.	30,000	34,800
No. Pac. Ry., com.	200,000	222,000
Penn. R. R., com.	110,000	122,100
Pitts., Ft. W. & Chi. R. R.	10,000	16,400
Reading, com.	25,000	41,000
Rensselaer & Saratoga R. R.	10,000	18,000
So. Pac., com.	150,000	144,000
Un. Pac. R. R., com.	300,000	384,000
Un. Pac. R. R., p.	100,000	93,000
Amer. Exch. Nat. Bk., N. Y.	35,000	72,800
N. Y. Tr., N. Y.	40,000	240,000
U. S. M. & Tr., N. Y.	20,000	81,200
Prov. Loan Soc. of N. Y.	100,000	100,000
Amer. Car. & Foundry, p.	50,000	59,000
Gen. Adj. Bur. N. Y.	150	150
Int. Harvester of N. J., cum. p.	25,000	29,500
Int. Harvester Co., cum. p.	25,000	29,500
Louis. Prop.	1,400	560
National Biscuit, p.	10,000	12,700
Pullman	100,000	155,000
So. Adj. Bur.	200	200
Underwriters S'vgs., N. Y.	1,000	1,500
Underwriters S'vgs. of Chicago, Ill.	500	500
U. S. Steel Co., p.	200,000	220,000

Totals (book value, \$5,834,158)..... \$5,051,750 \$5,822,860

MISCELLANEOUS: Capital reduced in 1872 from \$1,000,000 to \$500,000. In 1906 capital reduced from \$500,000 to \$250,000 and later increased to \$750,000 by sale of new stock at 200%, thus adding \$250,000 to capital and \$750,000 to surplus: capital increased in 1910 to \$1,000,000. Confiscation losses: Chicago, 1871, \$256,000; Boston, 1872, \$358,000; Baltimore, 1904, \$275,000; San Francisco, 1906, \$2,150,000; Chelsea, 1908, \$230,000. Values of special deposits: Ca. \$10,000; Va. \$59,485; N. M. \$10,000; Can., \$189,300.

DIRECTORS: J. Herbert Johnston, Robert W. De Forest, Otto T. Bannard, Henry W. De Forest, J. Warren Greene, Harold Herrick, Henry E. Coe, Geo. C. Howe, Geo. W. Dewey, William B. Boulton, Thomas Williams, Chas. T. Wills, Johnston de Forest, Ethelbert I. Low, Chas. Laue.

FIELD MEN AND TERRITORY COVERED: W. L. Steele, manager; J. P. Singleton, assistant manager, Western department, Insurance Exchange, Chicago, Ill. Special agents, Western department: David E. Jones, Minneapolis, Minn., for Minn., N. D. and S. D.; H. J. Zechlin, Milwaukee, Wis., for Wis.; C. W. Good, Chi., for Ill.; J. B. Bush, Kan. Cy., Mo., for Mo.; M. M. Hawhurst, Detroit, Mich., for Mich. and part of Ont.; W. T. Porter, Jr., Cincinnati, for O.; D. P. Barrett, Indianapolis, Ind., for Ind.; W. F. Swensen, Kansas City, Mo., for Kan.; Clifford Watson, Vinton, Ia., for Ia. and Neb.; G. S. Whitford, Denver, Colo., for Colo., Mont., N. M. and Wyo.; W. H. McClain, Oklahoma City, for Okla. Edwin Parrish, manager Pacific Coast depart-

NIAGARA FIRE INSURANCE COMPANY, New York, N. Y.—Continued.

ment, consisting of Cal., Ore., Wash., Utah, Nev., Ariz., Ala., Ida., Hawaiian Is., B. C., Alberta and Saskatchewan; special agents, Chester Deering, Portland, Ore., for Ore., Wash., and B. C.; O. D. Balwin, San Francisco, Cal., for Cal.; R. T. Boyd, San Francisco, Cal., for Cent. Cal.; B. C. Fisher, Los Angeles, Cal., for So. Cal. and Ariz.; J. A. Carlson, Spokane, Wash., for E. Wash., E. B. C., Ore., Ida., Alberta and Sask.; Clifford H. Rice, Boston, Mass., general agent for New England States; Harry S. Richards, special agent, Rochester, N. Y., for W. N. Y.; Joseph H. Mayers, special agent, Albany, N. Y., for E. N. Y.; Jas. Westervelt, Tenafly, N. J., special agent for N. J. and S. E. N. Y.; H. M. Benjamin, Philadelphia, special agent for E. Pa. and Md.; S. S. Grimm, Pittsburg, special agent for W. Pa.;

J. M. Price, special agent, Patchogue, L. I.; Howard S. Nutton, Richmond, Va., special agent for W. Va., Va., N. C. and S. C.; B. E. Dryden, Atlanta, Ga., special agent for Ga., Ala. and Fla.; Fred L. Seaman, New Orleans, La., special agent for Miss. and La.; Varner Kline, Louisville, Ky., special agent for Ky. and Tenn.; L. B. Leigh & Co., Little Rock, Ark., general agents for Ark.; Truesvant & Cochran, Dallas, Tex., general agents for Tex.; Special agents for Tex.: J. G. Smith and F. A. Nesbit, Dallas; H. L. Housman, Palestine; Walker Acker, Waxahachie; P. M. Anderson, San Antonio. The company operates in all the States and territories except Del. and D. C., and in the provinces of British Columbia, Saskatchewan, Alberta, Ont. and Quebec, Can.

NORTH BRANCH FIRE INSURANCE COMPANY, Sunbury, Pa.

President, W. H. Lyons; Secretary, Amos Bloom. Organized, 1911.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$235,997	\$51,010	\$25,088	\$77,011	*\$83,909	\$30,794	\$4,000	\$31,474	\$66,268	\$39,814
1913	166,337	17,132	36,174	25,518	*31,314	3,516		11,840	15,356	3,726
1912	130,682	3,227	27,455	4,969	7,074	136		6,651	6,787	136

* Excludes \$7,500 surplus paid in 1913 and \$30,000 in 1914.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$92,400	Losses unpaid.....	\$9,439
Bonds and stocks.....	54,450	Unearned prems.....	51,010
Collateral loans.....	3,700	Perp. dep. recl.....	460
Cash.....	16,347		
Agents' balances.....	12,492	Total liabilities.....	\$60,909
Interest and rents.....	2,058	Capital paid up.....	150,000
Cfhs. of Deposit.....	54,550	Net surplus.....	25,088
Total assets.....	\$235,997	Total.....	\$235,997

Underwriting loss, \$27,645; investment loss, \$9,441.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$7,518,023; premiums thereon, \$89,661.

BUSINESS SINCE ORGANIZATION: Premiums received, \$107,518; losses paid, \$34,228; dividends declared, cash, \$4,000.

MORTGAGE LOANS: There are 38 loans aggregating \$92,400 on lands and buildings in Sunbury, Pa., and neighboring towns valued at \$139,536. The company holds \$94,999 insurance on the buildings. On Dec. 31, last, there was \$158 of interest past due.

COLLATERAL LOANS are as follows:

SECURITIES.		Market Value.	Amount Loaned.
Bank of Landenberg.....		\$2,184	\$1,000
Sunbury Bg. Co. stk.....		5,000	2,700
Totals.....		\$7,184	\$3,700

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Plymouth, Pa., sc., 4%.....		\$8,000	\$8,000
Hummelstown, wat., 5%.....		5,500	5,500
Lycoming Co., Pa., 3%.....		500	500

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.		Par Value.	Market Value.
Montoursville, Pa., sc., 4%.....		\$1,000	\$1,000
Mt. Carmel, Pa., sc.....		7,000	7,000
N. Y. City.....		3,000	3,000
Farrell, Pa., sc.....		3,000	3,000
Lock Haven, Pa., sc.....		2,000	3,000
Pitts., Pa., 4 1/2%.....		10,000	10,000
N. Y. Cy., 4 1/2%.....		10,000	10,000
Hanover McSherrytown Water, 5%.....		3,000	2,850

Stocks.

Hooven Mercantile.....	400	450
Totals (book value, \$58,000).....	\$54,500	\$54,450

MISCELLANEOUS: This company was organized in 1911, and was licensed in May, 1912, with a capital of \$100,000, and a surplus of \$50,000; capital increased Dec. 31, 1913, \$12,500 by cash payment and \$7,500 cash contributed to surplus; Dec. 31, 1914, capital increased \$37,500 and surplus increased \$30,000 by cash payments.

DIRECTORS: D. N. App, I. E. Boust, Amos Bloom, Theo. Boak, E. E. Clark, Geo. E. Deppen, Mahlon Dyer, P. J. Ferguson, P. H. Fuhrmann, M. E. Grove, F. A. Hayes, A. P. Hull, H. L. Jones, J. H. Lenker, G. E. Leisher, W. H. Lyons, D. C. Lyons, W. H. Merts, C. S. Miller, A. Moschlin, W. H. Nicely, A. W. Poetius, W. A. Riland, C. P. Rinehart, Isaac Rockefeller, A. G. Roth, J. W. Sampell, J. J. Sankay, C. C. Seebold, Wm. Shipman, D. H. Snyder, Jos. Wilhour, Jos. Wyatt, J. G. Sell, O. F. Rockefeller, J. M. Sherman, J. P. Tremier.

FIELD MEN AND TERRITORY COVERED: E. C. Wolf, P. O. 193, Philadelphia, Pa., and L. H. Priest, Hughesville, Pa., special agents for Pa. The company operates in Pa. only.

NORTH BRITISH AND MERCANTILE INSURANCE COMPANY OF NEW YORK, New York, N. Y.

President, E. G. Richards; Vice-President and Secretary, J. F. Hastings; Vice-Presidents, W. P. Young, C. R. Perkins, W. S. Berdas. Organized, 1897.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$2,277,567	\$478,849	\$1,540,046	\$545,788	\$634,423	\$270,378	\$20,000	\$224,294	\$514,672	\$279,3
1913	2,111,192	503,044	1,359,705	541,861	627,893	250,312	20,000	203,491	473,803	246,1
1912	2,029,046	508,283	1,270,136	544,703	643,679	275,152	20,000	216,771	511,923	253,3
1911	1,925,010	529,999	1,121,006	697,018	763,839	262,413	20,000	243,447	536,860	276,3
1910	1,679,210	431,404	990,023	572,855	637,673	199,505	20,000	208,266	437,771	215,3

NORTH BRITISH AND MERCANTILE INS. CO. OF N. Y., New York, N. Y.—Cont.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$2,097,550	Losses unpaid	\$43,672
Cash	75,676	Unearned premiums	478,849
Agents' balances	80,141	Other liabilities	15,000
Interest	23,700		
Other assets	500	Total liabilities	\$537,521
		Capital paid up	200,000
		Net surplus	1,540,048
Total assets	\$2,277,567	Total	\$2,277,567

Underwriting profit, \$92,107; investment profit, \$108,284.

RISKS AND PREMIUMS: Fire risks in force, December 31, 1913, \$1,186,198; premiums thereon, \$932,599.

BUSINESS SINCE ORGANIZATION: Premiums received, \$5,111,746; losses paid, \$1,835,456; dividends declared, cash, \$352,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
U. S. Pan. Can., reg., 1961, 3%		\$10,000	\$10,100
Bklyn. Wallabout, reg., 1926, 3 1/2%		50,000	47,000
N. Y. Cy. App. Div. Sup. Ct., reg., 1929, 3 1/2%		53,000	49,290
N. Y. Cy. Bklyn. Sec. H. Purposes, reg., 1937, 3 1/2%		25,000	22,750
N. Y. C. R. T., reg., 1949, 3 1/2%		25,000	22,250
N. Y. C. Wat., reg., 1957, 4 1/2%		50,000	53,500
N. Y. State Can. Imp., reg., 1961, 4%		50,000	51,000
A. T. & S. F. T. S. L., reg., 1958, 4 1/2%		50,000	45,500
At. Can. L. I. ca. m., reg., 1952, 4 1/2%		50,000	47,000
Bak. & O. R. R., cv. g., reg., 1933, 4 1/2%		50,000	46,000
C. M. & St. P., cv. g., reg., 1932, 4 1/2%		50,000	51,000
C. M. & St. P., d., reg., 1934, 4 1/2%		50,000	46,000
C. M. & St. P., gn. m., reg., 1969, 4 1/2%		50,000	48,000
Chi. & No. W., gn. m., reg., 1937, 4 1/2%		60,000	57,000
Chi. & W. Ind. R. R., reg., 1952, 4 1/2%		50,000	42,000
Del. & Ind. R. R., reg., 1943, 4 1/2%		65,000	63,700
Det. Im. & Tum., r. m., reg., 1961, 4 1/2%		50,000	46,500
Gr. No. R. R., i & r. m., reg., 1961, 4 1/2%		50,000	50,500
Ind. Trk. Ry., cv. g., c., 1920, 4 1/2%		50,000	48,500
I. S. & M. So. Ry., reg., 1928, 4 1/2%		50,000	47,000
L. & N. R. R., un., reg., 1940, 4 1/2%		25,000	24,000
Manhattan Ry., ca. m., reg., 1990, 4 1/2%		50,000	46,500
N. Y. C. & H. R. R. R., d., reg., 1942, 4 1/2%		50,000	44,000
N. Y. C. & H. R. R. R., r., reg., 1997, 3 1/2%		50,000	41,500
N. Y. C. & H. R. R. R., L. S. Col., reg., 1908, 3 1/2%		50,000	39,000

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
N. Y. & W. L. t., gn. m., reg. c., 2004, 4 1/2%		\$50,000	\$41,000
N. Y. & W. B. R. R., i m., reg., 1946, 4 1/2%		50,000	35,000
No. Pac. Gt. No. C. B. & Q. Col., jt., c., 1921, 4 1/2%		50,000	48,500
Ore. S. L., r., reg., 1929, 4 1/2%		50,000	46,000
R. & Phila. & R. Coal & Iron, gn. m., reg., 1997, 4 1/2%		50,000	47,500
So. Ry., i ca. m., g., reg., 1994, 5%		50,000	52,500
St. L. P. & No. W. Ry., i m., g., reg., 1948, 5%		50,000	53,000
Un. Pac. R. R., cv., reg., 1927, 4 1/2%		86,000	78,260

STOCKS.		Par Value.	Market Value.
Allegheny & W. Ry., g.		10,000	13,100
Atch., T. & S. F. Ry., p.		100,000	103,000
Balt. & O. R. R., p.		50,000	40,500
Chi. Mil. & St. P. Ry., p.		100,000	134,000
Chi. & No. W. Ry., p.		30,000	53,100
Clev. & Pitta. R. R., g.		30,000	27,900
Erie R. R., i p.		40,000	17,200
Reading Company, i p.		80,000	70,400
So. Ry., p.		100,000	68,000
So. Ry., M. & O. t.		50,000	37,500
Un. Pac. R. R. Co., p.		50,000	41,500

Totals (book value, \$2,218,927)..... \$2,239,000 \$2,097,565

MISCELLANEOUS: A majority of the stock is held in London, Eng. Stockholders paid in \$200,000 additional surplus in 1901. Conflagration losses: Baltimore, 1904, \$15,801; San Francisco, 1906, \$11,250.

DIRECTORS: Adrian Iselin, Jr., B. Aymar Sands, James Stillman, Wm. Pierson Hamilton, A. D. Juilliard, James Speyer, Charles S. Brown, Geo. C. Boldt, Hermann Steinken, E. G. Richards, J. F. Hastings.

DEPARTMENTS AND TERRITORY COVERED: Departments: Metropolitan, W. P. Young, vice-president; Middle, C. R. Perkins, vice-president, and R. P. Barbour, general agent; Pacific, W. S. Berdan, vice-pres.; New England and Southern, W. S. Alley, general agent; Central, E. T. Cairns, general agent; Western, C. E. Case, general agent; Improved risks, G. P. Davis, general agent. The company operates in Colo., Conn., D. C., Ill., Ind., Ia., Ky., La., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tex., W. Va. and Wis.

NORTH CAROLINA HOME INSURANCE COMPANY, Raleigh, N. C.

President, Alexander Webb; Secretary, Geo. P. Folk. Organized 1868.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$454,241	\$116,669	\$198,305	\$126,076	\$143,714	\$56,992	\$7,584	\$42,784	\$107,360	\$62,248
1913	432,332	106,605	191,715	114,712	131,518	48,337	7,584	47,265	103,176	43,203
1912	408,074	101,581	162,782	111,401	126,488	59,119	7,584	40,332	107,035	69,101
1911	381,260	105,290	141,081	124,174	137,501	52,538	7,584	42,753	102,875	52,499
1910	346,918	96,317	115,370	127,715	127,715	45,457	7,584	35,828	88,969	41,760

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$347,980	Losses unpaid	\$11,868
Cash	57,371	Unearned premiums	116,669
Agents' balances	40,125	Other liabilities	1,000
Interest and rents	3,885		
Other assets	4,880	Total liabilities	\$129,537
		Capital paid up	126,400
		Net surplus	198,304
Total assets	\$454,241	Total	\$454,241

Underwriting profit, \$9,138; investment profit, \$5,039.

RISKS AND PREMIUMS: Fire risks in force, December 31, 1913, \$219,254; premiums thereon, \$223,496.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,463,523; losses paid, \$1,202,736; dividends declared, cash, \$80,712; stock, \$77,736.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
No. Carolina, 4%		\$10,000	\$10,000
Wake Co., N. C., 5 1/2%		3,000	3,000
Nor. & So. R. R., 5%		4,000	4,000
Athletic & Yachting R. R., 4%		5,000	4,000
Athletic Coast Line R. R., 4%		15,000	13,650
Athletic Coast Line R. R., 4%		800	480
Charlotte, S. C., 4%		2,000	1,920
Columbia, S. C., 4 1/2%		11,000	11,000
Raleigh, N. C., 5%		10,000	10,000

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Ashley River R. R., 8%		\$8,000	\$8,000
Richmond, Va., 4%		11,000	10,230
Orange Co., N. C.		10,000	10,000
Forsythe Co., N. C.		10,000	10,000
Goldboro, N. C.		10,000	10,000
Statesville, N. C.		5,000	4,500

STOCKS.		Par Value.	Market Value.
Atlantic Coast Line		25,000	26,250
N. C. R. R.		35,000	56,000
So. R. R., p.		31,000	18,600
Atl. & No. C. R. R.		20,000	18,000
Pa. R. R.		30,000	31,500

Totals..... \$345,600 \$347,980

MISCELLANEOUS: Capital increased, 1901 from \$52,390 to \$66,283; in 1902 to \$73,345; in 1903 to \$81,436; in 1904 to \$89,299; 1905 to \$96,355, and 1906 to \$126,400.

DIRECTORS: A. B. Andrews, W. N. Kremer, E. M. Cragin, B. S. Jerman, C. H. Coffin, C. G. Smith, Jno. F. Bruton, Jno. C. Drewry, Walker Taylor, Alexander Webb, Thos. Barber, Jr., Chas. F. Hard, E. B. Dewey, E. C. Duncan and Jesse E. White.

FIELD MEN AND TERRITORY COVERED: John F. Hoff, special agent, Raleigh, N. C. The company operates in N. C., S. C. and Va.

NORTH RIVER INSURANCE COMPANY, N. Y.

President, Wm. E. Hutchins; Secretary, Frederick H. Crum. Organized, 1822.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$2,858,032	\$1,486,939	\$630,823	\$1,711,807	\$1,826,019	\$952,529	\$51,991	\$726,481	\$1,731,001	\$962,451
1913	2,733,108	1,424,661	607,508	1,640,770	*1,806,000	888,108	35,455	693,109	1,616,672	900,396
1912	2,476,951	1,417,404	551,750	1,709,734	1,800,148	960,582	34,830	727,231	1,722,643	915,175
1911	2,389,805	1,351,211	510,087	1,788,119	1,868,581	971,802	36,900	735,010	1,763,712	922,350
1910	2,283,176	1,230,131	504,708	1,673,527	1,752,265	899,997	34,943	705,933	1,640,923	912,827

* Includes \$75,000 surplus paid in.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans	\$211,600	Losses unpaid	\$213,109
Bonds and stocks	1,968,467	Unearned premiums	1,486,939
Loan on Royal Bkg. Fd., value, \$10,600	8,690	Other liabilities	27,161
Cash	360,076	Total liabilities	\$1,727,209
Agents' balances	302,223	Capital paid up	500,000
Interest	11,132	Net surplus	630,823
Total	\$2,862,188		
Spl. dep. over liab.	4,156		
Total assets	\$2,858,032	Total	\$2,858,032

Underwriting loss, \$68,162; investment profit, \$145,634.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$285,598,619; premiums thereon, \$2,852,367.

BUSINESS SINCE ORGANIZATION: Premiums received, \$24,633,743; losses paid, \$12,620,899; dividends declared, cash, \$3,171,118.

MORTGAGE LOANS: There are 17 loans, amounting to \$211,600 (upon which no interest is overdue), which are secured by properties valued at \$365,000. The largest loans are one of \$40,000 on 71 E. 59th st., N. Y. (valued at \$70,000); and one of \$30,000 on 152 2nd ave., N. Y. (valued at \$30,000). The remaining mortgages are upon N. Y. and Bklyn. real estate, and none exceeds \$16,000.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
BONDS.		
Atlanta, Ga., reg., 1933, 3½%	\$10,000	\$8,800
Nor., Va., Bramb. Wd. Imp., 1929, 4%	2,000	1,840
Nor., Va., r. reg., 1929, 4%	8,000	7,360
Nor., Va., Alt. Cy. Wd. Imp., 1928, 4%	17,000	15,810
Atl. Cst. Line R. R., cv. d., 1939, 4%	25,000	23,500
Balt. & O. R. R., cv., 1933, 4½%	25,000	23,000
C. & N. W. Ry., & St. L., P. & N. W. Ry., 1 m., 1948, 5%	25,000	26,500
N. Y., N. H. & H. R. R., cv., 1956, 3½%	20,000	13,600
No. Pac. Ry., Gt. No. Ry., jt., C. B. & Q., col., 1921, 4%	25,000	24,250
St. L., I. Mtn. & So. Ry., R. & G. Div., 1933, 4%	10,000	7,300
So. Pac., cv., 1929, 4%	45,000	38,700
So. Pac., cv., 1934, 5%	12,000	12,240
Amer. Smelters Sec., N. J., d., cv., 1926, 6%	25,000	26,000
Amer. Tl. & Tg., N. Y., cv., 1933, 4½%	55,000	54,450
Amer. Cotton Oil, N. J., d., 1931, 5%	25,000	23,750
Amer. Tobacco, N. J., 1915, 6%	9,000	9,090
Jones & Laughlin St., s. f., 1939, 5%	25,000	25,250
P. Lorillard, N. J., 1944, 7%	25,000	31,500
M. B. N. Y., m., 1966, 4%	25,000	21,000
Nat. Tube, N. J., 1 m., 1952, 5%	25,000	25,000
N. Y. & W. Ltg. gn. m., 2004, 4%	20,000	16,400
So. Bell Tl. & Tg., N. Y., s. f., 1 m., 1941, 5%	25,000	24,500
So. Cal. Ed., Los Ang., gn. m., 1939, 5%	25,000	23,500

STOCKS.		
Atl. Cst. Line, R. R., com.	30,000	36,300
Balt. & O. R. R., com.	11,250	10,012
Balt. & O. R. R., p.	6,000	4,860
Chi. Mil. & St. P. Ry., com.	40,000	39,600
Del. & Hud.	30,000	44,400
Del. Lack. & West. R. R.,	20,000	80,200
Gt. No. R. R., p.	10,000	12,400
Lack. R. R. of N. J.	3,500	3,360
Leh. Val. R. R.	20,000	27,800

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
STOCKS.—Cont.		
Louis. & Nash R. R.	\$10,000	\$13,800
Nor. & West. Ry., com.	30,000	31,200
No. Pac. R. R.	50,000	35,540
Reading, com.	20,000	32,800
Reading, 2 p.	20,000	17,600
So. Pac., com.	58,100	55,776
Un. Pac. R. R., com.	50,000	64,000
Corn Exch. Bk., N. Y.	2,000	6,340
1 Nat. Bk. of N. Y.	5,000	44,700
Hanover Nat. Bank, N. Y.	20,000	133,090
Nat. Bank of Commerce, N. Y.	20,000	33,600
Nat. Pk. Bk., N. Y.	30,500	111,935
Peoples' Nat. Bk., Hackensack	20,000	60,090
Franklin Trust, Bklyn.	1,700	4,216
Amer. Smt. & Refining, N. J., p.	50,000	51,000
Amer. Tobacco, N. J., p.	30,000	32,100
American Tobacco, N. J., com.	10,000	22,960
Galena Signal Oil, com.	5,000	8,700
Gn. Adj. Bur., N. Y.	100	100
Gn. El.	20,000	30,000
Lehigh Val. Coal Sales, N. J.	1,250	2,187
Liggett & Myers Tobacco, N. J., p.	20,000	23,600
P. Lorillard, N. J., com.	10,000	17,700
P. Lorillard, N. J., p.	20,000	23,200
Pac. Tl. & Tg., Cal., p.	40,000	35,200
Sanborn Map, N. Y.	19,800	47,520
Sears, Roebuck & Co., N. Y., com.	30,000	56,100
Sears, Roebuck & Co., N. Y., p.	10,000	12,400
Standard Oil, Cal.	4,000	8,920
Standard Oil, N. J.	5,000	20,300
Standard Oil, N. Y.	20,000	42,200
Underwriters' S'vng., N. Y.	1,000	1,500
Un. Fruit, N. J.	10,000	14,900
Un. Shoe Mach., N. J., p.	25,000	30,000
Vacuum Oil, N. Y.	10,000	21,700
Wash. Wat. Pow.	50,000	59,500

Totals (book value, \$1,961,332)..... \$1,507,200 \$1,968,467

MISCELLANEOUS: Capital was increased in 1913 from \$350,000 to \$500,000 and \$75,000 surplus paid in. Values of special deposits: Va., \$25,010; Ga., \$8,800.

DIRECTORS: William P. Douglas, John Mason Knox, Willis E. Hutchins, David M. Morrison, William M. V. Hoffman, Frederick H. Crum, James Turner, Augustus S. Hutchins, Jonathan B. Currey, Ingles Stuart, Robert D. Andrews, Grove Mitchell, Lyander W. Lawrence, George F. Gants, Samuel Hoffman, John A. Forster, Waldo Hutchins, Louis F. Balla, Isaac L. Allen, J. Lester Parsons, Wm. A. Linn, Vincent S. M. Ford, Charles M. Wolcott, Wm. Harkness, Rudolph O. Haubo, Andrew B. Newcombe, Albert A. Smith, Wm. J. Fisher, H. T. Hull.

FIELD MEN AND TERRITORY COVERED: J. L. Pars, general agent, New York City, N. Y. Associated Underwriter San Francisco, Cal., general agents for Pacific Coast; Bald C. Chittenden, Brooklyn, N. Y., State agent for New York; G. B. Fisher, Hartford, Conn., State agent for Conn.; A. R. Grah Boston, Mass., special agent all new England except Conn.; Geo. Day, New York City, State agent Pa. and Md.; A. H. Borchers, Tenafly, N. J., N. J. and N. Y. Suburban territory; D. J. Carr, Richmond, Va., State agent Va., N. C., W. Va.; E. H. Le Vert, Atlanta, Ga., State agent Ga., S. C., Fla., Ala., La., Miss., W. L. Foster, Worth, Tex., State agent Tex.; A. Frierson, Shelbyville, Tenn., state agent for Tenn. & Ky.; F. M. Gund, Freeport, Ill., man of western department. The company operates in all the States of the U. S. except Alaska, Ark., Del., Kan., Mo., Miss., Nev., N. M., Okla., Vt., and Wyo.

NORTHERN FIRE INSURANCE COMPANY OF NEW YORK, New York, N. Y.

President, Wm. Mason; Secretary, James Marshall; General Managers, Willard S. Brown & Co. Organized, 1897.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,424,262	\$758,453	\$227,020	\$844,480	\$908,509	\$450,764	\$21,000	\$349,237	\$821,001	\$472,805
1913	1,338,297	667,052	261,984	711,923	768,970	361,580	21,000	299,470	682,050	344,165
1912	1,307,292	613,818	259,201	671,099	722,714	364,748	21,000	273,969	659,715	336,050
1911	1,254,739	584,244	221,485	653,810	703,459	375,367	17,500	266,406	659,273	364,371
1910	1,204,586	587,026	176,999	677,735	748,002	379,286	17,500	276,333	673,119	393,029

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$128,000	Losses unpaid.....	\$76,789
Bonds and stocks.....	1,075,593	Unearned premiums.....	755,453
Cash.....	100,039	Other liabilities.....	15,000
Agents' balances.....	114,172	Total liabilities.....	\$847,242
Interest.....	6,458	Capital paid up.....	350,000
		Net surplus.....	227,020
Total assets.....	\$1,424,262	Total.....	\$1,424,262

Underwriting loss, \$75,656; investment profit, \$61,691.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$152,197,563; premiums thereon, \$1,423,947.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,271,518; losses paid, \$4,414,721; dividends declared, cash, \$214,250.

MORTGAGE LOANS: A loan of \$33,000 is secured by a brown stone dwelling at 62 E. 58th st., New York, valued at \$50,000, one of \$15,000 is upon brick dwellings 137-141 E. 38th st., New York, valued at \$126,000 and one of \$20,000 is secured by brick store and info 277 Pearl st., New York, valued at \$30,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
U. S. of Amer., 1918, 3%		\$10,000	\$10,100
New York City, 1954, 3%		165,000	145,200
Ann Arbor R. R., 1 m., 1905, 4%		25,000	15,750
Atch. T. & S. F. Ry., cv., 1955, 4%		25,000	24,500
At. Cal. Line R. R., col., 1952, 4%		25,000	23,000
Balt. & O. Sowa., Div., 1 m., 1925, 3 1/2%		10,000	9,100
Balt. & O. cv., 1923, 4 1/2%		15,000	13,800
Cent. Pac. Ry., 1 r. m., 1948, 4%		25,000	23,500
L. S. & Mich. So. Ry., d., 1928, 4%		25,000	23,500
L. & N. R. R., Atl., K. & C. Div., 1955, 4%		20,000	18,000
Manh't. Ry., cv. m., 1900, 4%		15,000	13,950
N. Y. Cent. & H. R. R. R., d., 1934, 4%		25,000	22,500
N. Y. N. H. & H. R. R. R., cv., d., 1948, 6%		20,000	21,200
No. Pac. Gt. No., Jt. C. B. & Q., col., 1921, 4%		25,000	24,250
Gre. S. L. E. R. r. m., 1929, 4%		20,000	18,400
No. Pac. R. R., 1 r. m., 1955, 4%		25,000	23,000

Stocks.		Par Value.	Market Value.
Atch. T. & S. F. Ry., com.		20,000	19,800
Atch. T. & S. F. Ry., p.		50,000	51,500

BONDS AND STOCKS OWNED.—Cont.
STOCKS.—Cont.

	Par Value.	Market Value.
Balt. & O. R. R., p.	\$10,000	\$8,100
Chi., Mil. & St. P. Ry., p.	30,000	40,200
Chi. & Nwn. Ry., com.	37,500	49,875
Del. & Hud., com.	30,000	44,400
Lehigh Valley R. R., com.	70,000	97,300
L. & N. R. R., com.	48,000	66,240
Manh't. Ry., com.	30,000	39,900
No. Pac. Ry., com.	20,000	22,200
Pa. R. R., com.	75,600	83,916
Reading, com.	10,000	16,400
Reading, 1 p.	20,000	17,600
Reading, 2 p.	10,000	8,800
So. Ry., p.	20,000	13,600
Un. Pac. R. R., p.	30,000	24,900
Ca. Ga., com.	20,000	25,800
L. Val. Coal Sales, com.	8,750	15,312

Totals (book value, \$1,074,693).....\$1,014,850 \$1,075,594

MISCELLANEOUS: Original surplus, \$100,000; original capital, \$200,000; increased to \$250,000 in 1900, on absorption of Eastern; increased in 1904 to \$350,000. Conflagration losses: Baltimore, 1904, \$198,271; San Francisco, 1906, \$2,467. Deposit in Ga., \$10,100.

DIRECTORS: William A. Street, Arthur A. Fowler, William Mason, James Marshall, Eberhard Faber, William Brewster, John E. Berwind, Joseph P. Grace, Willard S. Brown, H. C. Brokaw, Louis J. Pooler, Robert Mallory, Sheppard G. Schermerhorn.

FIELD MEN AND TERRITORY COVERED: William Williams, Eastern States special agent, 72 Kilby st., Boston, Mass.; Frank G. Dela Hunt, Milwaukee, Wis., special agent for Wis.; Eric Lindskog, Minneapolis, Minn., special agent for Minn. and northern Mich.; Jos. W. Beck, Detroit, Mich., special agent for Mich. and O.; C. C. Crandall, Cambridge Springs, Pa., special agent for Pa.; W. P. Ray, Terre Haute, Ind., special agent for Ill. and Mo.; James B. F. Ransom, special agent for N. Y. and N. J.; Geo. B. Lamping & Co., Seattle, Wash., agents for Wash.; McClure Kelly, manager Pac. Coast department, San Francisco, Cal.; Dargan & Hopkins, managers southeastern department, Atlanta, Ga. The company operates in Ala., Cal., Colo., Conn., Fla., Ga., Haw., Ida., Ill., Ind., La., Md., Mass., Mich., Minn., Mo., Mont., N. J., N. Y., N. C., O., Ore., Pa., R. I., S. C., Utah, Wash. and Wis.

NORTHERN FIRE AND MARINE INSURANCE COMPANY,
Grand Forks, N. Dak.

President, C. K. Bradley; secretary, H. H. Hand. Organized, 1911.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$155,910	\$42,749	\$1,998	\$138,670	\$143,335	\$70,655		\$64,904	\$135,559	\$78,076
1913	143,180	23,994	17,529	81,186	83,648	16,918		26,636	43,554	16,918

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$72,500	Losses unpaid.....	\$8,973
Cash.....	28,067	Unearned premiums.....	42,749
Agents' balances.....	21,638	Other liabilities.....	2,190
Interest.....	3,457	Total liabilities.....	\$53,912
Other assets.....	30,258	Capital paid up.....	100,000
		Net surplus.....	1,998
Total assets.....	\$155,910	Total.....	\$155,910

Underwriting loss, \$21,597; investment profit, \$6,066.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,169,880; premiums thereon, \$106,872.

BUSINESS SINCE ORGANIZATION: Premiums received, \$46,379; losses paid, \$97,238.

MORTGAGE LOANS: There are 50 mortgage loans, aggregating \$72,500, all of which are on farm lands in N. D., the largest of which is \$7,000 and the average \$1,500. The property is valued at \$210,960. The company holds \$6,503 of insurance on the mortgaged buildings. On Dec. 31, last, there was \$2,022 of interest past due.

MISCELLANEOUS: The company was organized in 1911 and began business April 1, 1912, with a paid-up capital of \$38,000 which was later increased to \$60,000. In 1913 the capital was further increased to \$100,000, all increases by cash payments.

DIRECTORS: C. K. Bradley, E. A. Baker, H. H. Hand, P. J. Wibe, Carl Fischer, Thos. Taylor, A. Mitchell, George Else, W. S. Dryden, Ben E. Burt.

FIELD MEN AND TERRITORY COVERED: J. H. Hand, special agent, Grand Forks, N. D.; I. Bundlie, special agent, Grand Forks, N. D. The company is licensed in N. D. only.

NORTHWESTERN FIRE AND MARINE INSURANCE COMPANY, Minneapolis, Minn.

President, Walter C. Leach; Secretary, John H. Griffin. Organized, 1899.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,252,595	\$517,114	.....	\$918,204	\$1,031,298	\$ 514,618	\$30,000	\$361,407	\$906,025	\$534,444
1913	1,139,840	432,560	\$335,991	838,056	883,857	344,280	30,000	364,585	738,865	341,735
1912	990,707	288,812	329,702	795,670	837,966	365,978	30,000	248,229	644,207	380,647
1911	801,583	211,837	256,845	596,089	634,081	291,256	18,000	201,463	510,719	282,767
1910	679,957	164,910	176,518	501,724	647,221	234,678	112,000	212,422	559,100	299,162

† Includes \$100,000 stock dividend applied to capital. ‡ Includes \$554,989 tornado & hail prems. and \$311,343 tornado and hail losses.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$659,491	Losses unpaid	\$35,447
Bonds and stocks	185,043	Unearned prems.	517,114
Cash	327,507	Dividends	30,000
Agents' balances	58,641	Other liabilities	25,138
Interest	14,858		
Other assets	7,055		
		Total liabilities	\$607,699
		Capital paid up	300,000
		Net surplus	344,896

Total assets.....\$1,252,595 Total.....\$1,252,595
Underwriting loss, \$14,154; investment profit, \$53,059.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$35,905,063; premiums thereon, \$1,000,174.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,873,741; losses paid, \$3,591,348; dividends declared, cash, \$214,676; stock, \$135,000.

MORTGAGE LOANS: The 202 loans aggregate \$659,492, and are principally upon farm properties in Minn., N. D., and S. D., valued in all at \$2,238,650. There was \$474 of interest overdue on December 31, last. The company holds \$111,500 of insurance on the buildings.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Aitkin Co., Minn., jud. d., 1919-20, 5½%		\$3,000	\$3,360
Cuyuna, Minn., wat. wks., 1922-32, 6%		15,000	15,849
Devil's Lake, N. D., st. lgs., 1924, 5½%		4,000	4,080
Douglas Co., Minn., d., 1919, 4½%		4,000	4,040
Duluth City, Minn., gen., 1918, 5%		5,000	5,100
Faribault Co., Minn., jud. d., 1920, 5%		6,000	6,060
Freeborn Co., Minn., pub. dr. d., 1916, 5½%		4,000	4,000
Garden City, S. D., ac., 1924-34, 6%		10,000	10,488
Henry, S. D., 1929-34, 5½%		8,000	8,000
Jackson Co., Minn., jud. d., 1921-26, 5%		10,000	10,280
Jackson Co., Minn., Pub. dr., 1920-1, 5%		10,000	10,200
Kandiyohti Co., Minn., d., 1924, 4½%		5,000	5,050
Lee Qui Parle Co., Minn., d., 1930, 5%		5,000	5,300
Le Sueur Co., Minn., d., 1915-22, 5%		16,000	16,080
Mandan, N. D., r., 1934, 6%		5,500	5,830

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
STOCKS.—Cont.			
Martin Co., Minn., jud. d., 1919-20, 5½%		\$4,000	\$4,080
Martin Co., Minn., jud. d., 1922-33, 6%		11,000	11,995
Martin Co., Minn., p. dr. d., 1921-22, 5½%		6,000	6,120
Minn. State Pr. Chfs., 1916, 4½%		10,000	10,100
Redwood Co., Minn., dr. d., 1921, 5%		4,000	4,130
Wright Co., Minn., jud. d., 1915-20, 5%		4,500	4,500
Minn., St. P. & S. S. M. Ry., 1 co. m., g., 1938, 4%		25,000	23,750

STOCKS.		Par Value.	Market Value.
First National Bank, Shenyne, N. D.		1,000	1,350
Western Adj. & Insp., Chicago		100	200
Underwriters Salvage, Chicago		500	500

Totals (book value, \$181,075).....\$181,600 \$185,042

MISCELLANEOUS: Company was previously located at Grand Forks, N. D.; incorporated under laws of N. D.; moved to Minneapolis in 1904. Capital increased in 1900 from \$26,000 to \$100,000; in 1902 to \$122,250; in 1903 to \$117,250; in 1904 to \$200,000; in 1906 to \$300,000, and \$125,000 contributed to surplus (\$50,000 voluntarily contributed by stockholders and \$75,000 premium on sale of new stock). Capital reduced in 1909 from \$300,000 to \$200,000, and the \$100,000 added to surplus. Capital increased in 1910 to \$300,000 by stock dividend. In 1908 the company reinsured its term business in the Northwestern National of Milwaukee. Company suffered a loss of \$166,918 in the San Francisco conflagration, 1906.

DIRECTORS: John H. Griffin, Walter C. Leach, E. C. Warner, C. T. Jaffray, F. A. Chamberlain, Earle Brown, A. A. Crane, R. W. Webb, Isaac Haslett, John Berthold, D. L. Case.

FIELD MEN AND TERRITORY COVERED: Special agents: George A. Veitch, Grand Forks, N. D.; O. R. Bortle, O. J. Eastman, Minneapolis, Minn.; Earl E. Dewar, Great Falls, Mont.; and John T. Woodroffe, Fargo, N. D.; Jay Delamater, Watertown, S. D.; D. T. Babson, Ellsworth, Kan.; F. E. Wright, Oshkosh, Wis.; N. F. Babson, Lincoln, Neb. The company operates in Ill., Ia., Ida., Kan., Mich., Minn., Mont., Neb., N. D., O., S. D., Wis., N. Y., Colo., Cal. and Ore.

NORTHWESTERN NATIONAL INSURANCE COMPANY of Milwaukee, Wis.

President, Wilford M. Patton; Vice-President, Alfred F. James; Second Vice-President, Wm. D. Reed; Secretary, Joseph Huebl; Assistant Secretary, Lubin M. Stuart; General Adjuster, Arthur J. Wright. Organized, 1899.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$6,835,726	\$3,304,684	*\$1,688,493	o\$2,738,480	\$3,013,867	o\$1,385,747	\$150,000	\$1,253,175	\$2,788,922	\$1,389,084
1913	6,649,897	3,309,899	*1,555,541	2,714,008	2,977,455	1,371,989	150,000	1,235,869	2,657,858	1,239,637
1912	6,551,348	3,153,957	1,625,186	2,619,947	2,863,374	1,107,393	150,000	1,170,820	2,428,213	1,118,364
1911	6,186,431	2,977,200	1,495,145	2,372,078	2,605,151	984,664	140,000	1,076,377	2,201,041	916,677
1910	5,805,341	2,812,031	1,404,411	2,167,993	2,387,993	912,146	140,000	997,151	2,049,297	869,407

* Exclusive of \$500,000 conflagration reserve. o Includes \$36,664 marine prems. and \$7,043 marine losses.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$178,000	Losses unpaid	\$205,712
Mortgage loans	1,358,000	Unearned prems.	3,304,684
Bonds and stocks	4,575,263	Conflagration res.	500,000
Cash	361,228	Other liabilities	136,837
Agents' balances	381,752		
Interest	32,278	Total liabilities	\$4,147,233
		Capital paid up	1,000,000
Total	\$6,886,520	Net surplus	1,688,493
Spl. dep. over liab.	50,794		
Total assets	\$6,835,726	Total	\$6,835,726

Underwriting profit, \$41,153; investment profit, \$125,744.

RISKS AND PREMIUMS: Fire risks in force, December 31 \$739,602,574; premiums thereon, \$6,469,955; marine and inland risks in force, \$1,016,044; premiums thereon, \$17,192.

BUSINESS SINCE ORGANIZATION: Premiums received \$44,269,428; losses paid, \$19,789,802; dividends declared, cash \$3,184,000; stock, \$174,000.

REAL ESTATE OWNED: Comprises the company's home office building, a 3-story structure, and the lot at the N. W. co. of Wisconsin and Jackson sts., Milwaukee, which cost \$237,777 and is carried at \$178,000.

MORTGAGE LOANS: There are 73 loans, amounting to \$1,368,900, secured by Milwaukee properties, estimated worth \$3,909,975, and upon which the company holds \$1,333,950 of insurance.

NORTHWESTERN NATIONAL INSURANCE COMPANY, Milwaukee, Wis.—Cont.

source. There was no interest paid due on December 31, last. The loans range in amount from \$2,000 to \$100,000, and 36 of them exceed \$10,000 each.

BONDS OWNED:		Par Value.	Market Value.
Augusta City, Ga., 1942, 4½%	\$10,000	\$9,600	
Calgary City, Alberta, 1950-52, 4½%	35,000	31,150	
Chicago Sanitary Dist., 1923-24, 4½%	100,000	96,500	
Cook Co., Ill., 1924, 4½%	100,000	96,000	
Grant Co., N. M., 1932, 5%	10,000	10,000	
Milwaukee City Bonds, 1915-16, 5%	4,000	4,000	
Milwaukee City Bonds, 1927-29, 4½%	50,000	51,000	
N. Y. Cy., 1937, 4½%	150,000	156,000	
N. Y. Cy., 1934, 4½%	25,000	23,750	
Richmond, Va., 1943, 4½%	51,000	45,900	
Toronto, Ont., 1948, 4½%	118,745	100,934	
Victoria, B. C., 1934, 4½%	54,506	46,875	
Alch. T. & S. F. Ry., gn. m., 1935, 4½%	100,000	91,500	
Atch. T. & S. F. Ry. Trans. Sh. L., 1 m., 1935, 4½%	50,000	43,750	
R. & O. R. R., 1 m., 1948, 4½%	50,000	44,687	
R. & O. R. R., pr. ln., 1925, 3½%	50,000	44,125	
R. & O. R. R., S. W. Div., 1 m., 1925, 3½%	50,000	43,625	
B. & M. R. R., 1929, 4½%	100,000	77,000	
Can. No. Ry., 1 m., ca. d., 1930, 4½%	10,220	9,198	
Can. No. Ry. Eq., 1 m., 1921, 4½%	50,000	46,000	
Cent. Pac. Ry., 1 r. m., 1949, 4½%	100,000	86,250	
Chi. & Alton Ry., gn. m., 1950, 3½%	100,000	38,000	
C. B. & Q. R. R., Ill. Div., 1949, 4½%	100,000	93,875	
Chi. & E. R. R., gn. m., 1937, 5%	100,000	75,000	
Chi. & Erie R. R., 1 m., 1932, 5%	50,000	51,000	
Chi. M. & St. P. Ry., gn. m., 1939, 4½%	100,000	90,000	
Chi. M. & St. P. Ry., gn. m., 1939, 3½%	100,000	75,000	
Chi. M. & St. P. Ry., cv., 1932, 4½%	50,000	48,000	
Chi. & N. W. Ry., C., St. P. M. & O. Div., 1931, 6%	100,000	114,500	
Chi. & N. W. Ry., M., L. S. & W. Div., 1921, 6%	50,000	53,000	
Chi. & N. W. Ry., M., S. & N. W. Ry., 1947, 4½%	50,000	45,500	
Chi. & N. W. Ry., N. W. Un., 1917, 7%	50,000	51,875	
Chi. & N. W. Ry., d., 1933, 5%	100,000	103,125	
Chi. & N. W. Ry., St. L., P. & N. W., 1943, 5%	75,000	76,500	
Ch. R. I. & P. Ry., r. m., 1934, 4½%	100,000	67,625	
Chi. & W. Ind. R. R., gn. m., 1932, 4½%	100,000	79,000	
Del. & Ind. L. & N., 1943, 5%	100,000	91,250	
Dep. Ind. & East Ry., gn. m., 1941, 5%	50,000	52,250	
Ind. Railroad Equip., 1922, 5%	50,000	49,000	
A. P. M. R. R., P. Huron Div., 1939, 5%	50,000	31,500	
A. No. Ry., 1 r. m., 1931, 4½%	100,000	100,000	
Cent. E. R. R., 1 m., 1932, 3½%	150,000	117,000	
aa. City Tr. Ry., 1 m., 1930, 4½%	100,000	93,000	
S. & Mich. So. Ry., d., 1928, 4½%	100,000	90,500	
St. & Nash. R. R., 1 m., 1940, 4½%	100,000	91,500	
aaa. City & Ft. Dodge R. R., 1 m., 1955, 5%	100,000	60,000	
aaa. St. P. & S. Ste. M. Ry., 1 ca. m., 1932, 4½%	100,000	91,000	

BONDS OWNED.—Cont.

	Par Value.	Market Value.
N. Y. C. & H. R. R. R., r. m., 1937, 3½%	\$100,000	\$79,875
N. Y. C. & H. R. R. R., n. of 1912, 1913, 4½%	100,000	99,375
N. Y. W. & B. Ry., 1 m., 1946, 4½%	100,000	68,250
N. & W. P., jt., 1941, 4½%	100,000	89,500
No. Pac. Ry., pr. ln., 1937, 4½%	100,000	89,250
No. Pac. Gt. No., C., B. & Q., col., 1921, 4½%	100,000	94,875
Ore. S. L. R. R., r., 1929, 4½%	100,000	87,875
Pa. R. R., cv., 1915, 3½%	100,000	99,250
Pitts., C. C. & St. L. Ry., gn. m., 1943, 4½%	100,000	90,000
St. L., I. Mt. & So. Ry., R. & G. Div., 1933, 4½%	100,000	66,000
So. Pac. R. R., 1 r. m., 1955, 4½%	150,000	126,562
So. Ry., gn. m., 1944, 5%	100,000	98,500
Un. Pac. R. R., gn. m., 1947, 4½%	100,000	94,875
Virginia Ry., 1 m., 1962, 5%	50,000	47,750
Wis. Cent. Ry., gn. m., 1949, 4½%	100,000	84,500
Totals (book value, \$4,994,536)	\$4,993,473	*\$4,403,283

* Securities as per company's valuation; the item in Assets is based on department valuations.

MISCELLANEOUS: Capital record: 1869, subscribed capital, \$750,000; 1869, 1870, paid in 20%, \$150,000; 1871, dividend to capital stock, \$37,500; 1871, on account of Chicago fire, subscribed capital reduced to \$600,000; 1872-1873, paid in 8%, \$48,000; 1873, dividend to capital stock, \$64,500; 1874, dividend to capital stock, \$72,000; 1874, paid in 35%, \$228,000; 1906, paid in 66½%, \$400,000; total capital payments, \$1,000,000. Confession losses: Chicago, 1871, \$249,750; Baltimore, 1904, \$105,600; San Francisco, 1906, \$582,076. Value of special deposits: Ga., \$10,000; N. M., \$10,200; Va., \$47,430; Can., \$104,992.

DIRECTORS: Charles Ray, Frederick Layton, J. Ogden Armour, Hon. James G. Jenkins, Washington Becker, Fred Vogel, Jr., H. A. J. Upham, W. D. Van Dyke, Howard Greene, Grant Fitch, J. H. Tweedy, Jr., Robert Camp, Wilford M. Patton, Alfred F. James, William D. Reed.

FIELD MEN AND TERRITORY COVERED: Special agents: W. H. Bromley, for southern O. and Ind.; A. E. Henry, for southern Mich. and northern O.; E. D. Finch, for Ia. and Neb.; William L. Camebaum, for eastern Pa., N. J.; Geo. W. Coon, for Wis. and Ill.; N. Whitford, for Minn. and N. D.; E. L. Early, for Ia. and Neb.; J. F. Norse, for Ill.; J. S. Berkshire, for Tex. and Okla.; John K. Sharkey, for N. Y.; Geo. A. Shevlin, for Western Pa. and Md.; W. E. Labry, for southern Cal.; O. L. Bishop, for Mont., Ida., Wyo. and Utah; F. C. Sherman, for S. D.; C. N. Friedelt, Mo. and Kan.; W. V. Garner, for Mass., Conn. and R. I.; G. F. Nickerson, for Wash. and Ore.; L. S. Frudenberg, for Wash.; C. W. Greene, for northern Cal.; E. H. Zentnor for Wis. and upper Mich.; H. W. Freeman, for Minn. and N. D.; E. L. Layfield for N. C., S. C., Ga. and Fla. The company does business in Ariz., Cal., Colo., Conn., D. C., Ida., Ill., Ind., Ia., Kan., Ky., Mich., Mass., Minn., Mo., Fla., Ga., Mont., Neb., N. J., N. M., N. Y., N. D., O., Okla., Ore., Pa., R. I., S. C., S. D., Tenn., Tex., Utah, Va., Wash., W. Va., Wis., Wyo., and in Canada.

OCCIDENTAL FIRE INSURANCE COMPANY, Albuquerque, N. M.

President, M. W. Flournoy; Secretary, Geo. Roslington. Organized, 1910.

Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1910 \$290,254	\$148,880	\$6,899	\$180,767	\$204,972	\$124,455	.....	\$84,730	\$309,185	\$126,504
1911 294,614	129,916	50,195	173,026	190,550	59,322	.....	90,633	149,955	64,268
1912 345,304	69,519	67,048	101,384	116,158	27,023	.....	52,252	79,275	31,678
1913 255,212	12,017	51,926	20,631	*86,764	7,907	.....	14,893	22,800	8,678

* Includes \$80,434 surplus paid in. † Includes \$45,000 contributed for surplus in 1912 and \$10,183 in 1913.

Assets, Dec. 31, 1914. LIABILITIES, Dec. 31, 1914.

all assets	\$53,093	Losses unpaid	\$24,351
unearned losses	273,209	Unearned premiums	145,880
total	20,200	Other liabilities	3,226
all	23,225	Total liabilities	\$173,457
all balances	18,938	Capital paid up	200,000
reserve and funds	5,591	Net surplus	6,899
all assets	1,112		

Total	\$395,368		
dep. over liab.	15,012		
Total assets	\$380,356	Total	\$380,356

Underwriting loss, \$55,673; investment profit, \$28,146

RISKS AND PREMIUMS: Fire risks in force, December 31, \$23,981,473; premiums thereon, \$274,505.

BUSINESS SINCE ORGANIZATION: Premiums received, \$560,005; losses paid, \$213,696.

REAL ESTATE OWNED: Consists of lots 13, 14, 15 and 16, block 17, original town site of Albuquerque, which cost \$35,961, and are carried at \$41,000; lot 2, block 2, Muskogee, Okla., carried at cost, \$4,126, and some property sold on contract.

MORTGAGE LOANS: There are 51 loans, all first mortgages on Tex., Ariz., N. M., Mo., Kan. and Okla. city and agricultural properties, and none in excess of fifty per cent. of appraised value, for \$273,209, on which the company holds \$169,955 of insurance. There was no interest reported past due on December 31, last.

OCCIDENTAL FIRE INSURANCE COMPANY, Albuquerque, N. M.—Continued.

BONDS OWNED:	Par Value.	Market Value.
Chicago Apart. Bldg.....	\$10,000	\$10,000
N. Y. State, 1961, 4%.....	10,000	10,156
Totals	\$20,000	\$20,156

MISCELLANEOUS: Values of special deposits: N. M., \$10,000 Ill., \$10,000; N. Y., \$10,200; Okla., \$10,000.

DIRECTORS: M. W. Flournoy, Geo. Roulington, A. B. McMillen, H. F. Reynolds, J. Van Houten, A. B. McGaffey, John W. Poe, C. N. Blackwell.

FIELD MEN AND TERRITORY COVERED: J. J. Allen, N. M.; J. J. Ankele, San Francisco, Cal., general agent for Cal. The company is licensed in Ariz., Cal., Colo., Ill., Mo., N. M., N. Y.

OHIO COMMONWEALTH FIRE INSURANCE COMPANY, Cleveland, O.

President and Treasurer, Elmer E. Gandy; Vice-President, W. J. Geiger; Secretary, H. P. Knoble. Incorporated Sept. 2, 1911.

This company was organized under the laws of O. and has an authorized capital of \$100,000, which is already subscribed, and \$48,975 of which is paid in. The stock was sold at \$50 per share (par \$25), so that after providing for all organization expenses the company should begin business with at least \$50,000 surplus. The directors are E. E. Gandy, W. J. Geiger, H. P. Knoble, J. T. Burnham, E. A. Murphy, A. C. Henry, M. J. Blitt, J. C. Wolf,

S. W. Wenbau, Frank Yesberger, Ross P. Jordan, W. C. Smoot. The company will transact a fire business only in Ohio at first, gradually enlarging its territory and capital as business demands. Plans are now under way to merge this company with the Shawnee F. & M. of Lima, O., due to the difficulty which both are experiencing in selling their capital stock. The proposition has been approved by the directorate of both companies.

OHIO VALLEY FIRE AND MARINE INSURANCE COMPANY, Paducah, Ky.

President, Frank M. Fisher; Vice-President, Dr. Frank Boyd; Treasurer, E. G. Boone; General Counsel, W. A. Berry; Secretary, Auber Smith.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$141,344	\$6,369	\$61,840	\$12,164	\$155,352	\$895		\$21,531	\$22,426	\$2,887

* Includes \$11,355 organization expenses. † Includes \$140,000 capital and surplus paid in.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$15,000	Losses unpaid.....	\$1,984
Mortgage loans.....	84,576	Unearned prem.....	6,369
Stocks.....	3,875	Other liabilities.....	1,151
Collateral loans.....	7,000		
Cash.....	15,783	Total liabilities.....	\$9,504
Agents' balances.....	3,642	Capital paid up.....	70,000
Interest and rents.....	1,259	Net surplus.....	61,840
Other assets.....	10,209		
Total assets.....	\$141,344	Total.....	\$141,344

Underwriting loss, \$3,955; investment profit, \$6,070.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$662,010; premiums thereon, \$12,164.

BUSINESS SINCE ORGANIZATION: Premiums received, \$12,164; losses paid, \$895.

REAL ESTATE OWNED: The company has an equity of \$15,000 in its home office building in Paducah, Ky. The annual rental amounts to \$1,932.

MORTGAGE LOANS: There are 26 loans aggregating \$84,576, practically all of which are on farm lands in western Ky. and southern Ill. 2 loans are on improved property in Paducah. The total value of the mortgaged property is \$236,200. The company holds \$32,750 insurance on the mortgaged property. On Dec. 31, last, there was no interest past due.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Bank of Barlow, stk.....		\$1,250	1,000
City Nat. Bk., Paducah.....		2,125	2,000
City Nat. Bk., Paducah.....		1,520	1,000
Mechanics Trust & Svcs. Bk.....		1,200	1,000

COLLATERAL LOANS.—Cont.		Market Value.	Amount Loaned.
Securities.—Cont.			
Farmers & Merchants Bk. of Hickman, Ky. Real Estate Notes.....		\$2,317	\$2,000
Totals.....		\$8,415	\$7,000

STOCKS OWNED:		Par Value.	Market Value.
Bank of Barlow.....		\$1,000	\$1,25
Bank of Gilbertsville.....		1,000	1,10
Keyil Bank.....		300	30
Citizens Savings Bk.....		500	50
Bank of Lovelaceville.....		500	60
Totals.....		\$3,300	\$3.5

MISCELLANEOUS: This company was incorporated Apr 7, 1914, with an authorized capital of \$250,000 and an equal amount of surplus. The company commenced writing when the capital which is being sold at double par, reached \$50,000. It is proposed to operate generally when all of the capital and surplus has been paid in.

DIRECTORS: F. M. Fisher, Dr. Frank Boyd, E. G. Boone, Auber Smith, W. F. Paxton, Louis F. Kolb, R. D. Wilson, M. L. Jones, E. C. Phelps, C. W. Emery, W. A. Berry, J. M. La Harry Meyer, E. W. Baker, Abe L. Livingston, E. D. Hart, Dr. H. G. Reynolds, G. R. Davis, J. L. Wolff, Ed. E. Wall, C. J. Barlow, Dr. T. W. Blakey, A. L. Newman, T. H. Farr, L. Brewer, Dr. G. W. Walbright, C. C. Leonard, Sam T. Stewart, H. B. Gilbert, R. E. Cooper.

TERRITORY COVERED: Ky. only.

OLD COLONY INSURANCE COMPANY, Boston, Mass. \$

President, Ransom B. Fuller; Secretary, Charles D. Hodges. Organized, 1906.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,319,231	\$487,671	\$332,722	\$824,909	\$677,557	\$422,594	\$24,000	\$218,186	\$664,780	\$421
1913	1,316,898	452,671	369,726	615,182	666,044	308,456	24,000	216,887	549,343	311
1912	1,334,768	401,363	452,715	576,743	625,813	323,105		191,327	514,432	311
1911	1,227,221	352,631	395,429	521,893	583,969	323,342		176,899	500,241	311
1910	875,265	338,112	79,694	513,835	546,580	338,339	\$8,000	189,090	535,929	32

* Includes \$147,165 marine premiums and \$91,138 marine losses. † Includes \$300,000 surplus paid in.

‡ Transacts both fire and marine business.

OLD COLONY INSURANCE COMPANY, Boston, Mass.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$41,000	Losses unpaid.....	\$92,566
Bonds and stocks.....	1,086,350	Unearned premiums.....	487,671
Cash.....	71,985	Other liabilities.....	6,292
Agents' balances.....	108,379		
Interest.....	4,077	Total liabilities.....	\$586,529
Other assets.....	510	Capital paid up.....	400,000
		Net surplus.....	332,722
Total assets.....	\$1,319,251	Total.....	\$1,319,251

Underwriting loss, \$53,829; investment profit, \$40,824.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$63,339,202; premiums thereon, \$788,322; marine and inland risks in force, \$4,077,047; premiums thereon, \$123,239.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,170,275; losses paid, \$2,255,536; dividends declared, cash, \$46,000.

MORTGAGE LOANS: There are 4 loans aggregating \$41,000, secured by dwellings in Boston and its suburbs, valued at \$94,500, the company holding \$56,000 of insurance on the buildings. But \$60 of interest was accrued on December 31, last.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Boston, Mass., 1925, 3½%.....		\$100,000	\$95,000
Boston, Mass., 1929, 3½%.....		200,000	194,000
Boston, Mass., 1967-8, 4%.....		50,000	52,000
New Bedford, Mass., 1926, 4%.....		15,000	15,300
Springfield, Mass., 1934-5, 3½%.....		40,000	10,670
Can. Pac. Ry., n. eff., 1924, 6%.....		4,000	4,160
N. Y. N. H. & H. R. R., 1906, 4%.....		50,000	37,000
New Eng. Tl. & Tg., 1915, 5%.....		1,000	1,000
Stocks.			
Boston El. Ry.....		60,000	54,800
B. & Me. Ry.....		30,000	10,500
Canadian Pac. Ry.....		20,000	39,200

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Stocks.—Cont.			
N. Y., N. H. & H. R. R.....		\$50,000	\$27,500
Old Colony R.R.....		20,000	30,000
Pa. R.R.....		66,000	73,260
First Nat. Bk., Boston.....		20,000	88,400
Merchants Nat. Bk., Worcester.....		15,000	29,250
Nat. Shawmut Bk., Boston.....		15,000	30,750
American Sugar Refining.....		10,000	10,800
American Tl. & Tg.....		100,000	123,000
Edison El. Ill.....		45,000	112,050
Gen. Adj. Bur., N. Y.....		50	100
Pullman Co.....		10,000	15,500
Western Union Tg.....		28,000	16,520
Totals (book value, \$1,255,274).....		\$949,050	\$1,096,400

MISCELLANEOUS: This company was organized and commenced business early in 1906 with a paid-up capital of \$400,000 and a surplus of \$200,000. Additional surplus, \$300,000, was paid in in 1911. It is controlled by the Boston Insurance Co., which owns 3,585 shares of the stock of the Old Colony.

DIRECTORS: Ransom B. Fuller, J. W. Dunphy, Calvin Austin, N. J. Rust, Eugene P. Carver, Frank B. McQuesten, Wm. R. Hedge, Donald M. Hill.

FIELD MEN AND TERRITORY COVERED: General agents: A. D. Baker & Co., Lansing, Mich., for Ill., Ind., Ia., Ky., Mich., Minn., Mo., Neb., N. D., O., Okla. and Wis.; Cochran, Thomas & Co., Dallas, Tex., for Ark. Special agents: A. H. Mills and J. W. H. Hemingway, for New England; F. O. Channel, J. B. Ducey and W. S. Quinterro, for N. J. and N. Y. State; H. A. Miller and F. W. Sippell for Pa., Md., D. C., Del. and W. Va. The company operates in Ark., Cal., Colo., Conn., Del., D. C., Ill., Ind., Ia., Ky., La., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., N. D., O., Ore., Okla., Pa., R. I., Vt., Wash., Wis. and W. Va.

ORIENT INSURANCE COMPANY, Hartford, Conn.‡

President, A. G. McIlwaine, Jr.; Vice-President and Secretary, H. W. Gray, Jr. Organized, 1872.

Year.	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$3,625,672	\$1,478,086	\$1,002,065	\$1,563,693	\$1,697,725	\$1,891,756	.....	\$619,848	\$1,539,604	\$998,798
1913	3,501,912	1,484,166	875,901	1,537,747	1,670,669	848,735	\$	585,813	1,434,548	833,351
1912	3,453,136	1,434,718	1,342,400	1,449,035	1,582,779	777,374	\$100,000	581,247	1,458,621	782,132
1911	3,378,172	1,403,145	1,299,827	1,465,911	1,598,086	743,341	.....	570,156	1,313,397	758,439
1910	3,090,241	1,204,639	1,145,024	1,333,567	1,504,817	669,070	200,000	523,350	1,392,420	659,670

* Losses paid and losses incurred include expenses of adjustment and settlement of losses. ‡ Includes \$111,649 marine premiums and \$63,891 marine losses. § \$500,000 transferred from surplus to capital.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$167,686	Losses unpaid.....	\$110,347
Mortgage, Memphis prop., val. 96,075.....	4,216	Unearned premiums.....	1,478,086
Bonds and stocks.....	2,868,209	Other liabilities.....	35,224
Cash.....	301,580	Total liabilities.....	\$1,623,607
Agents' balances.....	284,162	Capital paid up.....	1,000,000
Interest.....	40,153	Net surplus.....	1,002,065
Other assets.....	328		
Total.....	\$3,666,434		
Sp. dep. over liab.....	40,762		
Total assets.....	\$3,625,672	Total.....	\$3,625,672

Underwriting profit, \$36,456; investment profit, \$130,470.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$31,562,323; premiums thereon, \$2,751,977; marine and inland risks in force, \$4,239,091; premiums thereon, \$105,144.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,254,674; losses paid, \$34,091,317; dividends declared, cash, \$1,896,000; stock, \$600,000.

REAL ESTATE OWNED: Consists of the brick, stone and steel building at 20-22 Trinity st., Hartford, occupied as home office of the company, carried at book value.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
U. S. Govt., 1925, 4%.....		\$10,000	\$11,100
Conn. State, 1934, 2½%.....		40,000	39,200

‡ Transacts both fire and marine business.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Georgia, State, f., 1915, 4½%.....		\$25,000	\$25,000
Mass. Metro. Wat. Loan, 1935, 3½%.....		85,000	79,050
N. Y. State, hwy. imp., 1963, 4½%.....		175,000	192,500
N. Y. State, canal, 1964, 4½%.....		25,000	27,500
Glynn Co., Ga., r., 1925, 5%.....		10,000	10,200
Augusta, Ga., fld. prot., 1942, 4½%.....		10,000	10,000
Fayetteville, N. C., r., 1926, 5%.....		10,000	10,200
Middletown, Conn., cy. imp., 1921, 3½%.....		12,000	11,760
New Britain, Conn., wat., 1933, 4%.....		25,000	24,500
New London, Conn., sc., 1924, 4%.....		5,000	4,950
Norfolk, Va., 1917, 5%.....		20,000	20,000
Norwalk, Conn., r., 1939, 4%.....		35,000	34,200
Petersburg, Va., 1945, 4%.....		5,000	4,600
Petersburg, Va., pub. imp., 1952, 4½%.....		25,000	24,500
Schenectady, N. Y., wat., 1923, 4%.....		2,000	1,980
So. Norwalk, Conn., wat., 1925, 4%.....		25,000	24,750
Stamford, Conn., sr., 1924, 4%.....		25,000	25,000
Waterbury, Conn., wat. drg., 1915, 3½%.....		1,000	1,000
Waterbury, Conn., wat. drg., 1924, 3½%.....		1,000	950
Willimantic, Conn., 1925, 4%.....		20,000	19,800
Ala. Mid. R. R., 1 m., 1928, 5%.....		40,000	43,400
Alb. & Susq. R. R., cv., 1946, 3½%.....		8,000	6,960
A. T. & S. Fe Ry., gn. m., 1995, 4%.....		25,000	24,000
Atl. C. L. R. R., cs. m., 1952, 4%.....		75,000	70,500
B. & M. R. R., d., 1929, 4½%.....		100,000	77,000
Bklyn & Mont. R. R., 2 m., 1938, 5%.....		20,000	20,800
Cent. of Ga. Ry., 1 m., 1946, 5%.....		20,000	20,800
Cent. Ga. Ry., cs. m., 1945, 5%.....		50,000	52,500
Cent. Pac. Ry., gr. m., 1929, 3½%.....		25,000	22,750
Cent. R. R. N. J., gn. m. reg., 1987, 5%.....		65,000	76,060

ORIENT INSURANCE COMPANY, Hartford, Conn.—Continued.

BONDS AND STOCKS OWNED.—Cont.			BONDS AND STOCKS OWNED.—Cont.		
	Par Value.	Market Value.		Par Value.	Market Value.
Bonds.—Cont.			Stocks.—Cont.		
Chattanooga Sta., 1 m., 1957, 4%.....	\$25,000	\$23,250	N. Y., N. H. & H. R. R.	\$67,500	\$37,125
Ches. & O. Ry., ca. m., 1939, 5%.....	42,500	45,475	Underwriters' Salv., N. Y.	1,000	1,500
Chi. Ry., ca. m., 1927, 5%.....	10,000	8,600			
C. B. & Q. R. R., Ill. Div., 1949, 3½%..	55,000	46,750	Totals (book values, \$3,122,695).....	\$2,986,100	\$2,868,309
C. M. & St. P. R. R., C., P. & W. Div., 1 m., 1921, 5%.....	50,000	52,000			
C. R. I. & P. Ry., gn. m., 1988, 4%.....	20,000	17,800			
C. R. I. & P. Ry., eq. n., 1921, 4½%.....	25,000	23,000			
C. St. P. M. & O. Ry., ca. m., 1930, 3½%.	5,000	4,600			
C. St. P. M. & O. Ry., d., 1930, 5%.....	50,000	51,000			
C. & A. R. R., r. m., 1949, 3%.....	50,000	30,000			
C. & A., eq. assn., 1915-16, 4%.....	15,000	14,900			
C. & E. Ill. R. R., gn. ca. m., 1937, 5%.....	25,000	18,750			
C. & E. R. R., 1 m., 1982, 5%.....	100,000	106,000			
C. & N. Ry., a. f. d., 1933, 5%.....	30,000	31,200			
C. & St. L. Ry., 1 m., 1915, 6%.....	25,000	25,000			
C. & I. R. R., 1 m., 1941, 5%.....	10,000	7,500			
C. No. R. R., 1 m., 1951, 4%.....	2,000	1,440			
C. C. & I. Ry., gn. m., 1934, 6%.....	10,000	11,800			
C. Tm. & Val. R. R., 1 m., 1935, 4%.....	10,000	8,500			
Col. & Tol. R. R., 1 m. a. f., 1953, 4%.....	13,000	11,820			
Day & Mich. R. R., ca. m., 1931, 4½%.	25,000	24,250			
Den. & Rio Gr. R. R., 1 ca. m., 1936, 4%.	25,000	20,000			
D. Gr. R. & W. R. R., 1 ca. m., 1946, 4%.	10,000	5,900			
E. Tenn. Va. & Ga. Ry., ca. m., 1956, 5%.	15,000	16,200			
Flint & Pere M. R. R., 1 m., 1920, 6%.....	30,000	27,000			
Fla. So. R. R., 1 m., 1945, 4%.....	18,000	16,020			
Ft. Wh. & Den. Cy. Ry., 1 m., 1921, 6%.	50,000	52,500			
G. H. & S. A., M. & P., 1 m., 1931, 5%.	50,000	51,500			
Ga. R. R. & Bkr., 1922, 5%.....	10,000	10,100			
Gt. No. Ry., No. Pac., C. B. & Q., it. col., 1921, 4%.....	50,000	48,500			
Ill. Cent. R. R., Lv. Div., 1 m., 1953, 3½%.	20,000	16,400			
Kan. & Mich. Ry., 1 m., 1990, 4%.....	35,000	30,450			
Kan. Cy. So. Ry., eq., 1919, 5%.....	25,000	25,000			
Lake Erie & W. R. R., 1 m., 1937, 5%.....	50,000	51,000			
L. S. & M. So. Ry., d., 1931, 4%.....	50,000	47,000			
Leh. & N. Y. R. R., 1 m., 1945, 4%.....	10,000	8,800			
Leh. Val. Tm. Ry., 1 m., 1941, 5%.....	15,000	16,650			
L. & N. R. R., Pad & Mem. Div., 1 m., 1946, 4%.....	50,000	45,500			
Mich. Cent. R. R., 1 m., 1969, 4%.....	25,000	21,250			
Minn. & St. L. R. R., 1 ca. m., 1934, 5%.	10,000	8,900			
Minn. & St. L. R. R., 1 r. m., 1949, 4%.	30,000	12,000			
Minn., St. P. & St. Ste. M. Ry., 1 ca. m., 1938, 4%.....	50,000	47,500			
Mo., Kan. & E. Ry., 1 m., 1942, 5%.....	100,000	101,000			
Mor. & Ex. R. R., 1 ca. m., 1915, 7%.....	10,000	10,100			
N. C. & St. L., 1 ca. m., 1928, 5%.....	25,000	27,000			
New Eng. R. R., ca. m., 1945, 4%.....	25,000	23,500			
N. Y., N. H. & H. R. R., cv. d., 1948, 6%.	50,000	53,000			
N. & W. Ry., 1 m., 1996, 4%.....	25,000	24,000			
N. & W. Ry., 1 in. & div., 1944, 4%.....	25,000	22,750			
Ore. S. L. R. R., r., 1929, 4%.....	20,000	18,400			
Pa. R. R., cv. m., 1915, 3½%.....	50,000	50,000			
Petersburg R. R., ca. m., 1926, 6%.....	3,000	3,420			
P. & R. Tm. R. R., 1 m., 1941, 5%.....	10,000	11,200			
Pitts., Cleve. & Tol. R. R., 1 m., 1922, 6%.	10,000	10,700			
Rieh. & Dan. R. R., d., 1927, 5%.....	10,000	10,200			
Sav., Fla. & W. Ry., 1 m., 1934, 5%.....	22,000	23,760			
Sav., Fla. & W. Ry., 1 m., 1934, 5%.....	10,000	12,200			
St. L. & San F. R. R., eq., 1916, 5%.....	25,000	24,250			
St. P. M. & M. Ry., ca. m., 1933, 4½%.	25,000	26,000			
St. P. & S. Cy., 1 m., 1919, 6%.....	15,000	16,050			
Vt. Val. R. R., 1 m. g., 1940, 4½%.....	25,000	23,750			
W. S. R. R., 1 m., 2361, 4%.....	80,000	74,400			
Willm. & Ex. Falls Ry., 1 m., 1938, 5%.	15,000	16,500			
Wilm. & Weld. R. R., gn. 1 m., 1935, 5%.	15,000	16,050			
Winston-Salem S. B. Ry., 1 m., 1960, 4%.	75,000	65,250			
Stocks.					
C., B. & Q. R. R.	3,100	6,789			

MISCELLANEOUS: Since July, 1900, this company has been controlled by London and Lancashire Fire interests. Capital increased in 1881 from \$500,000 to \$1,000,000; reduced in 1893 to \$500,000. In 1906, \$33,000 was paid in by stockholders, and in 1909, \$200,000 additional surplus was paid in. In 1913, \$500,000 was transferred from surplus to capital. Conflagration losses: Boston, 1872, \$164,000; Jacksonville, 1901, \$35,000; Baltimore, 1904, \$149,030; San Francisco, 1906, \$1,679,000. Values of special deposits: Va., \$49,100; Ga., \$10,000; N. M., \$11,100.

DIRECTORS: A. G. McIlwaine, Jr., J. V. Fothergill, C. F. Scholl, J. O. Hall, Henry W. Gray, Jr., Chas. E. Dox, E. E. Pearce, Frederick W. P. Rutter, Sam B. Stoy.

FIELD MEN AND TERRITORY COVERED: Charles E. Dox, Chicago, Ill., manager; John F. Stafford, 39 So. La Salle St., Chicago, Ill., agency superintendent for western department; Sam B. Stoy, San Francisco, Cal., manager for Pacific department; Geo. O. Smith, agency superintendent and William B. Hopkins, local secretary; J. B. Yates, agency superintendent Los Angeles, Cal.; Tresevant & Cochran, Dallas, Tex., general agents southwestern department, comprising Tex., Ark. and La. Special agents: J. G. Smith, F. A. Nesbitt, S. M. Powell, E. E. Robinson, Dallas, Tex.; V. B. Wright, Palestine, Tex.; R. M. Anderson, Dallas, Tex.; M. M. Overby, San Antonio, Tex.; E. E. Wright and W. E. Horton, Jr., New Orleans, La.; J. K. Shepherd, A. H. Dunn, Little Rock, Ark.; Eastern department covers Eastern States and Middle States, Md., D. C., Va., W. V., N. C., S. C., Ga., Fla., Ala., Ky. and Tenn.; Western department covers Western States and Territories; Pacific department covers Cal., Colo., Wyo., Ore., Mont., Wash., Utah, Ida., Nev. and the Territories of N. M., Ariz., Alas. and Haw. General and special agents: Eastern department, E. J. Sullivan and John J. Horan, Boston, Mass., special agents for Me., N. H., and Vt.; Joseph Givernaud, Boston, Mass., special agent Mass., and R. I.; A. H. Murphy, Hartford, Conn., special agent for Conn.; C. J. Mahoney, Newark, N. J., special agent for suburban and eastern N. Y.; W. R. Somerville, Rochester, N. Y., special agent for western N. Y.; Paul Turner, Jr., Philadelphia, Pa., special agent for N. J., eastern Pa., Baltimore and D. C.; H. A. W. Happer, Harrisburg, Pa., special agent for Va., Md. and W. Va.; R. A. Hancock, Atlanta, Ga., general agent for Ga., N. C., S. C., Fla. and Tenn.; Thomas & Batre, general agents, Mobile, Ala., for Ala.; L. B. Humphrey, Goldsboro, N. C., special agent for N. C., S. C. and Fla.; J. C. Curd, Atlanta, Ga., special agent for Ga.; W. R. Ayres, Montgomery, Ala., special agent for Ala. Western department special agents: Western department, F. B. Saunders, Chicago, Ill., assistant agency superintendent, Fred D. Buckman, Chicago, Ill., special agent for Cook Co., Ill.; W. A. Cavanagh, Chicago, Ill., special agent for Ill.; A. E. Perry, Minneapolis, Minn., State agent for Minn. and N. D.; C. G. Robertson, Omaha, Ia., State agent for Ia. and S. D. and Neb.; John A. Hoover, Dayton, O., State agent for O.; Carl Clausen, Indianapolis, Ind., special agent for Ind.; John W. Hoffman, Kansas City, Mo., State agent for Mo.; J. F. Kahmann, Kansas City, Mo., special agent for Okla. and Kan.; C. E. Hilbert and P. C. Metzger, Milwaukee, Wis., State agents for Wis.; A. C. Gilbert, Detroit, Mich., State agent for Mich. Pacific department special agents: Pacific department, G. T. Richmond, San Francisco, Cal., special agent for N. C. and Coast Counties; J. F. Hague, Los Angeles, Cal., special agent for southern Cal. and Ariz.; W. W. Gilmore, Sacramento, Cal., special agent for central Cal. and Nev.; G. L. Goodell, Portland, Ore., special agent for Ore., southern Wash. and western Ida.; David H. Parry, Seattle, Wash., special agent for Wash., Alas. and northern Ida.; N. Gardner, Denver, Colo., special agent for Colo., Wyo. and N. M.; N. W. Clayton, Jr., Salt Lake City, Utah, special agent for N. M., Mont. and Utah. The company operates in all the States and territories (except Del.) and in the Hawaiian Islands.

PACIFIC FIRE INSURANCE COMPANY, New York, N. Y.

President, C. V. Meserole; Secretary, Henry G. Stephens. Organized, 1851.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,180,658	\$349,840	\$311,682	\$521,344	\$576,714	\$452,764	\$40,000	\$193,971	\$676,735	\$421,264
1913	1,254,794	435,798	288,525	753,186	814,714	566,067	23,000	235,359	829,423	591,376
1912	934,002	267,137	388,910	465,533	500,544	294,944	28,000	144,892	457,836	296,141
1911	903,915	254,050	382,108	433,849	470,827	291,248	28,000	135,073	454,326	297,897
1910	885,235	257,874	363,316	469,106	499,932	260,441	23,000	149,699	429,140	271,978

PACIFIC FIRE INSURANCE COMPANY, New York, N. Y.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$1,022,079	Losses unpaid	\$92,819
Cash	33,971	Unearned premiums	349,840
Agents' balances	121,473	Other liabilities	26,317
Interest	3,135		
		Total liabilities	\$468,976
		Capital paid up	400,000
		Net surplus	311,682
Total assets	\$1,180,668	Total	\$1,180,668

Underwriting profit, \$3,104; investment profit, \$60,053.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,995,246; premiums thereon, \$679,691.

BUSINESS SINCE ORGANIZATION: Premiums received, \$14,564,827; losses paid, \$8,543,114; dividends declared, cash, \$1,764,000.

BONDS AND STOCKS OWNED:		
Bonds.	Par Value.	Market Value.
N. Y. 1915-24, 3%	\$170,000	\$159,650
N. Y. 1950, 4%	50,000	50,000
N. Y. 1957, 4%	75,000	80,250
Madison, Ga. 1938, 4%	10,000	9,500
So. R.R. 1964, 4%	25,000	18,250
Western Md. R.R. 1952, 4%	20,000	12,400
Amer. Smelters Sec., 1926, 6%	10,000	10,400
Cons. Leather, 1925, 5%	10,000	9,900
Danville Sec. Corp., 1927, 5%	20,000	12,000
Mtge. Bn., 1926, 4%	9,000	7,560

STOCKS.		
A. T. & S. F. R.R., com.	50,000	49,600
B. & O. R.R., com.	22,300	19,847
B. & O. R.R., p.	1,200	972
Chi. & N.W. Ry., com.	40,000	53,200
Chi. M. & St. P. Ry., com.	50,000	49,500
Gt. No. Ry., p.	40,000	49,600
No. Pac. Ry.	20,000	22,200
Pa. R.R.	30,000	33,300

BONDS AND STOCKS OWNED.—Cont.		
STOCKS.	Par Value.	Market Value.
Reading	\$10,000	\$16,400
So. Pac.	30,000	28,800
Un. Pac. R.R., com.	10,000	12,800
W. Md. R.R., p.	10,000	2,500
Amer. Tl. & Tg.	20,000	24,600
Bklyn. City. R.R.	20,000	34,800
Bklyn. R. T.	20,000	18,400
Kings Co. El. Lt. & Pow.	30,000	36,900
Manhattan Ry.	30,000	39,900
Pullman	20,000	31,000
Bklyn. Union Gas Co.	30,000	38,100
Ca. Gas	40,000	51,600
No. Amer.	10,000	7,400
Automatic Fire Alarm	950	1,900
Gt. No. Iron Ore Prop.	10,000	3,200
Golden Hill Bldg.	25,000	25,000
Underwriters Salvage	500	750
Totals (book value, \$1,062,343)	\$968,950	*\$1,067,517

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: The company reinsured in the Westchester Fire in June, 1901, and resumed business in December, 1902. The Pacific and the Greenwich of New York were merged in 1913 under name of Pacific Fire. Confagration losses: Chicago, 1871, \$12,100; Baltimore, 1904, \$22,633; San Francisco, 1906, \$50,829. Value of deposit in Ga., \$9,500.

DIRECTORS: H. B. Brundrett, Henry J. Robinson, Edward E. Pearce, Julian D. Fairchild, Eben Demarest, Clinton L. Rosier, A. R. Pierson, John N. Stearns, E. C. Jameson, C. V. Meserole, L. R. Bowden, J. H. Hallock, E. Frank Brewster, H. A. Loth, J. P. Murray, C. W. Osborne, M. A. Stone, F. T. Nesbit, J. S. Frelinghuysen.

FIELD MEN AND TERRITORY COVERED: J. S. Frelinghuysen, general agent. The company operates in Cal., Ga., Ill., Ind., Minn., Mo., N. J., N. Y., Ore., Pa., S. C., Wash. and B. C.

PACIFIC NATIONAL FIRE INSURANCE COMPANY, Sacramento, Cal.

President, G. W. Cartwright; Secretary, H. J. Barceloux. Organized, 1913.

ASSETS, April 1, 1915.		LIABILITIES, April 1, 1915.	
Mortgage loans	\$259,236	Capital paid up	\$250,000
Bonds and stocks	2,900	Net surplus	56,673
Cash	37,504		
Interest	7,034		
Total assets	\$306,673	Total	\$306,673

Besides the admitted assets, the company has collateral loans, \$19; furniture and fixtures, \$1,982; accounts receivable, \$5,096; subscriptions and notes in process of collection, \$369,145; total, \$777,322.

MISCELLANEOUS.—This company was formed in the spring of 1913, with a capital stock of \$250,000. We are

advised by the company that it wrote its first policy April, 1915. The capital of the company is fully paid up, and all of the collections during 1915 will go to surplus, which at the end of the year should total around \$750,000. Everything is progressing satisfactorily in their sale of stock. It is reported that among the directors are very prominent business men of the Pacific Coast.

DIRECTORS: G. W. Cartwright, J. I. McConnell, Albert E. Boynton, C. Lee La Rue, J. O. Hickman, A. T. Lindgren, R. W. Edmeston, C. P. Vicini, D. W. Carmichael, Henry T. Scott, H. J. Barceloux, Chas. A. Barlow, J. P. Overton, J. B. Curtin, Barclay Hanley, Jr., G. W. Peltier, Henry Breyard, J. I. Jones, A. E. Muenster, L. A. Wright, W. F. Gormley, R. N. Burgess.

PACIFIC STATES FIRE INSURANCE COMPANY, Portland, Ore.

President, F. E. Beach; Secretary, C. A. Craft. Organized 1909.

Year.	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$515,892	\$72,583	\$181,378	\$97,493	*\$179,771	\$48,436		\$80,502	\$106,938	\$54,295
1913	530,724	67,058	155,984	101,791	201,726	48,410		52,213	100,623	48,646
1912	438,989	29,561	128,562	39,171	60,401	14,624		56,653	71,277	15,059
1911	288,189	10,736	36,414	29,093	*69,603	5,542		19,358	24,900	6,042

* Includes \$34,938 surplus paid in 1911 and \$30,000 in 1914.

† Includes selling expenses.

PACIFIC STATES FIRE INSURANCE COMPANY, Portland, Ore.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$18,550	Losses unpaid.....	\$6,994
Mortgage loans.....	343,722	Unearned prems.....	72,583
Bonds.....	74,459	Cap. part pd.....	21,494
Cash.....	126,098	Other liabilities.....	3,133
Agents' balances.....	40,971	Total liabilities.....	\$104,204
Interest and rents.....	6,212	Capital paid up.....	331,300
Other assets.....	6,870	Net surplus.....	181,378
Total assets.....	\$616,882	Total.....	\$616,882

Underwriting loss, \$4,854; investment profit, \$34,631.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,390,578; premiums thereon, \$134,368.

BUSINESS SINCE ORGANIZATION: Premiums received, \$264,548; losses paid, \$122,108.

REAL ESTATE OWNED: The company owns four lots, containing ten houses valued at \$26,000 (market value), and rendering a net income of \$280 yearly.

MORTGAGE LOANS: There are 93 loans for \$343,722, mostly in small amounts on Ida., Ore. and Wash. property, except three, two for \$10,000 and one for \$20,000, carrying an average interest of 7%. The total value of the mortgaged property is \$894,375 and the company holds \$328,400 of insurance on the buildings. There was \$1,356 of interest past due on December 31, last.

BONDS OWNED:		Par Value.	Book Value.
No. Pac. R.R., 2047, 3%.....		\$1,500	\$1,070
Ashland, Ore., wat., 1920, 4½%.....		1,000	1,000
Elks Lodge No. 388, Baker City, 1923, 6%.....		100	100
Estacada City, 1920, 6%.....		5,000	5,000
Ore.-Wash. Co., 1936, 6%.....		13,500	9,450
Benton Co., Ore., 1917-8, 4%.....		2,000	2,000

BONDS OWNED.—Cont.		Par Value.	Book Value.
Pac. & East Ry., 1937, 6%.....		\$1,100	\$835
Nwn. Harvester, 1920, 8%.....		10,500	10,500
Bay City Land, 1930, 6%.....		5,000	4,800
Centralia Wat. Supply, 1926, 6%.....		1,000	400
Portland, Me., wat., 1927, 4%.....		1,000	1,000
Rose City Pl. Club, 1921, 6%.....		400	400
Wheeler Co., Ore., sc., 1923, 7%.....		1,500	1,500
Lewiston L. & Wat., 1921, 7%.....		500	500
Wash. El., 1937, 6%.....		12,000	12,000
Portland Social Turner Verein, 1933, 6%.....		2,000	2,000
Lewis Co. El., 1936, 6%.....		20,000	19,000
Lewis Co. wa., 1921, 6%.....		5,000	2,000
Prineville Commercial Club.....		100	100
City Warrants.....		814	814
Total.....		\$84,014	\$74,459

MISCELLANEOUS: This company was organized in 1909 and was licensed to transact business in Ore. early in 1911, with a paid-up capital of \$100,000. Capital increased in 1911 to \$230,833 and \$34,938 additional surplus paid in, and in 1912 it was increased to \$267,200 and \$60,058 additional surplus paid in. In 1913 capital was increased to \$301,000 fully paid and \$28,419 surplus paid in. In 1914 capital increased to \$331,300 and \$30,000 surplus paid in. There was also \$21,464 partially paid capital. The company also has subscriptions amounting to \$51,500 which are being collected in cash.

DIRECTORS: A. H. Averill, F. E. Beach, Wm. M. Cake, L. G. Clarke, C. A. Craft, Chester Dearing, Manuel Friedly, F. I. Fuller, John Gill, D. J. Quimby, S. W. Stryker.

FIELD MEN AND TERRITORY COVERED: J. W. Bratton, special agent for Ore.; J. H. Bridgeford, special agent for Wash.; S. G. Gordon, special agent for Ida. The company operates only in Alas., Ida., Ore., Wash. and B. C.

PALMETTO FIRE INSURANCE COMPANY, Sumter, S. C.

President, W. B. Wilson; Secretary and Manager, Perry Moses, Jr. Organized, 1912.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$37,988	.....	\$12,980	—\$724	\$3,603	\$4	.....	\$1,903	\$1,907	\$4
1913	36,292	1,853	9,436	2,610	4,502	237	.....	437	664	137

ASSETS, DEC. 31, 1914: Mortgage loans, \$4,350; cash, \$31,588; agents' balances, \$1,890; bills receivable, \$212; total, \$37,988. Liabilities: Taxes, \$7; capital, \$25,000.

MISCELLANEOUS: This company was incorporated under the laws of South Carolina in 1913, and began business in August 1912, with a capital of \$25,000 and an initial surplus of \$6,250. The company operates in S. C. only.

PEERLESS FIRE INSURANCE COMPANY, Waco, Tex.

President, C. H. Cox; Secretary, J. R. Maxfield. Incorporated 1912.

The following statement is as per the examination by the Arizona Corporation Commission. Assets, Aug. 1, 1914: Real estate, \$168,365; mortgage loans, \$35,673; cash, \$390; interest and rents, \$1,006; bills receivable, \$13,391; total assets, \$219,425. Liabilities: Bills payable, \$127,815; capital paid up, \$78,960; net surplus, \$12,650; total, \$219,425.

REAL ESTATE OWNED: The company owns one-half interest in the Provident Life & Trust Building of Waco in partnership with Hobby, Gross, Street & Hobby, valued at \$112,500; also four pieces of farm lands valued at \$55,865.

MISCELLANEOUS: The company had not commenced active business when this page went to press. The president advised us that a permit had been granted the company by the Arizona Ins. Dept. but that no business would be written till conditions improved. The officers are: President, C. H. Cox vice-president, Chas. L. Sanger; secretary, J. R. Maxfield; and treasurer, Pat F. Hopkins.

PENNSYLVANIA FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, Charles H. Barry, Vice-President, John L. Thomson; Secretary, W. G. Crowell; Assistant Secretary, H. L. Warner; Secretary Agency Department, W. J. Dawson. Organized, 1835.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$7,921,879	\$4,649,691	\$2,019,742	\$3,648,191	\$3,977,946	\$2,332,894	\$225,000	\$1,348,281	\$3,906,175	\$2,415,33
1913	7,587,153	4,544,889	\$2,209,647	3,444,563	3,769,504	1,917,771	225,000	1,357,943	3,500,714	1,940,17
1912	7,726,728	4,353,121	2,203,814	3,477,436	3,796,797	1,991,832	225,000	1,323,130	3,539,962	1,959,26
1911	7,666,515	4,240,510	2,284,890	3,490,263	3,800,099	2,135,821	225,000	1,314,896	3,675,717	2,104,64
1910	7,346,606	4,127,063	2,065,596	3,447,586	3,748,228	1,955,865	206,250	1,306,830	3,467,945	2,026,17

Unearned premiums include amount reclaimable on perpetual policies.

PENNSYLVANIA FIRE INSURANCE COMPANY, Philadelphia, Pa.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$139,000	Losses unpaid.....	\$424,946
Mortgage loans.....	170,750	Unearned prems.....	3,582,949
Bonds and stocks.....	6,450,364	Perp. dep. recl.....	1,066,742
Collateral loans.....	122,000	Other liabilities.....	77,500
Cash.....	215,168		
Agents' balances.....	777,022	Total liabilities.....	\$5,182,137
Interest.....	95,474	Capital paid up.....	750,000
Total.....	\$7,999,778	Net surplus.....	2,019,742
Sp. dep. over liab.....	47,890		
Total assets.....	\$7,921,879	Total.....	\$7,921,879

Underwriting loss, \$254,342; investment profit, \$337,238.

RISKS AND PREMIUMS: Fire risks in force (except per-peruals), December 31, \$674,527,476; premiums thereon, \$7,045,682; perpetual fire risks, \$46,901,740; deposit premiums thereon, \$1,181,898.

BUSINESS SINCE ORGANIZATION: Premiums received, \$91,934,949; losses paid, \$49,006,663; dividends declared, cash, \$3,497,750.

REAL ESTATE OWNED: The principal property comprises the 4-story white marble and brick buildings, with 3-story brick back buildings at 508-510 Walnut st., Philadelphia (book value, \$161,890), valued at \$125,000, and occupied by the company. The remaining properties, a dwelling in St. Paul, Minn., and one in Philadelphia, are carried below book values.

MORTGAGE LOANS: There are 16 loans, among which are the following: \$37,000 on brick hospital, etc., Grand Forks, N. D., valued at \$106,000; \$30,000 on 422 Walnut st., Philadelphia, valued at \$80,000; \$20,000 on 1823 Spruce st., Philadelphia, valued at \$35,000. The remaining loans are chiefly upon Philadelphia real estate, with a few secured by Washington, Kansas City and other properties. The aggregate estimated value of the securities for \$170,750 of loans is \$482,315, and the insurance held by the company amounts to \$219,500. There was no interest past due on December 31, last.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned
Commonwealth Title Ins. & Trust.....		\$15,000	\$10,000
Third Nat. Bk.....		10,665	8,000
Ca. Tr. N. J.....		7,000	5,500
O. E. Ry. 1 r.....		65,625	
O. E. Ry.....		15,500	48,500
N. J.....		nil	2,979
Parkland Ry. L. & P. W., 1 r.....		72,200	50,000
Total.....		\$185,990	\$124,979

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Ad. Ga. red., 1922, 4½%.....		\$10,000	\$10,000
Dayton, O. w. & st. p. v., 1915-16, 5%.....		25,000	25,000
Duluth, Minn., r., 1927, 4½%.....		47,000	47,000
N. Y. Cy., 1907, 4%.....		100,000	99,000
N. Y. Cy. rev., 1915-16, 6%.....		35,000	35,000
Portland, Ore., 1922-25, 5%.....		45,000	46,500
Portland, Ore., 1922, 5%.....		19,000	19,100
Richmond, Va., 1923-43, 4%.....		38,500	36,020
Shenandoah, Pa. st. imp., 1915-19, 4%.....		25,000	24,750
West Knorr, Tenn., ga. imp., 1919, 6%.....		20,000	20,900
A. T. & S. F. R. R., 1 m., 1908, 4%.....		50,000	45,000
Atlantic Cy. R. R., m., 1919, 5%.....		30,000	30,800
A. C. L. R. R., L. & N., col., 1923, 4%.....		100,000	92,000
A. C. L. R. R., eq. tr., 1915, 4½%.....		25,000	25,000
B. & O. R. R., pr. in. g., 1925, 2½%.....		100,000	92,000
B. & O. R. R., P. L. E. & W. Va. Sys., c. m., 1941, 4%.....		100,000	86,000
Bing & Arcon. R. R., 1 m., 1939, 5%.....		50,000	44,000
Bing & Arcon. R. R., 1 m., St. J. River, 1939, 5%.....		50,000	44,000
B. & O. R. R. Corp., 1 m. g. b., 1903, 4%.....		17,500	10,500
B. R. & P. Ry., eq. 1927, 4½%.....		25,000	24,500
B. R. & P. Ry., eq. 1917, 5%.....		27,000	27,000
Can. & Ind. R. R., car tr. g. c. d., 1916-17, 5%.....		25,000	25,000
Can. Pac. R. R., 1 m. r. g., 1949, 4%.....		150,000	141,000
Can. Pac. R. R., The B. L., 1 m. g., 1904, 4%.....		100,000	84,000
Chas. Ry. & L. A., 1 r. m., 1904, 5%.....		50,000	46,000
Chas. & O. R. R., gn. m., 1902, 4½%.....		50,000	47,000
Chas. & O. R. R., 1 ca. m., 1909, 5%.....		100,000	107,000
Chas. & O. R. R., eq. tr., 1916, 4%.....		10,000	9,800
Chas. & O. Ry., 1919, 5%.....		50,000	47,500
C. & A. R. R., car tr., 1916, 5%.....		25,000	24,057

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
C. & H. & W. R. R., 1 m., 1927, 6%.....		\$50,000	\$57,000
C. I. & S. R. R., 1956, 4%.....		50,000	44,000
C. I. & L. Ry., eq., 1918, 4½%.....		50,000	49,500
C. I. & St. L. S. L. Ry., 1 m., 1953, 4%.....		50,000	45,000
C. & N. W. Ry., s. f., 1929, 5%.....		43,000	45,150
C. R. I. & P. R. R., gn. m., 1938, 4%.....		100,000	87,000
C. R. I. & P. R. R., 1 r. m., 1934, 4%.....		50,000	38,500
C. & W. Ind. R. R., ca. m., 1952, 4%.....		150,000	128,000
C. & W. Ind. R. R., m., 1915, 5%.....		50,000	50,000
Choctaw, Okla. & G. R. R., ca. m., 1952, 5%.....		50,000	49,500
Cleve. S. L. Ry., 1 m., 1961, 4½%.....		25,000	24,000
Det. Tm. & Tun., 1 m. g., 1961, 4½%.....		50,000	46,500
Erie R. R., pr. in. g., 1906, 4%.....		50,000	42,000
Erie R. R., gn. in. g., 1906, 4%.....		18,000	13,140
Erie R. R., col. g., 1915, 5%.....		25,000	25,000
Evans & T. H. R. R., 1 gn. m., 1942, 5%.....		25,000	23,500
Fla. E. Cst. Ry., 1 m. g., 1959, 4½%.....		50,000	45,500
Greenbrier Ry., 1 m., 1940, 4%.....		100,000	87,000
Houston Belt & Tm. Ry., 1 m., 1937, 5%.....		50,000	48,000
Ind. Col. & E. Tc., gn. r., 1926, 5%.....		50,000	44,500
Is. Cent. Ry., 1 r. m., 1951, 4%.....		25,000	12,000
J. F. & C. R. R., 1 m., 1959, 4%.....		50,000	45,500
Leh. Val. R. R., col. tr., 1919-20, 4%.....		50,000	48,500
Leh. Val. R. R., gn. ca., 2003, 4½%.....		25,000	23,500
L. I. R. R., Ferry, 1 m., 1922, 4½%.....		50,000	48,500
L. & N. R. R., and M. & M., 1 m., 1945, 4½%.....		50,000	51,000
L. & N. R. R., uni., 1940, 4%.....		50,000	48,000
Midland Val. R. R., adj. m., 1953, 5%.....		53,300	21,320
Midland Val. R. R., adj. m., 1953, 5%.....		25,300	6,325
Minn. & St. L. R. R., eq. tr. g. 1915, 5%.....		25,000	24,750
Minn. & St. L. R. R., car tr., 1918, 5%.....		10,000	9,700
Minn. & St. L. R. R., car tr., 1918, 5%.....		15,000	14,550
Mutual Tm. of Buffalo, 1924, 4%.....		50,000	47,500
Newb. & N. Y. R. R., m., 1929, 5%.....		25,000	25,000
New Or. Tm., 1 m., 1953, 4%.....		100,000	78,000
New Or. Tx. & Mz. R. R., eq., 1916, 5%.....		2,000	1,420
New Or. Tx. & Mz. R. R., eq., 1918, 5%.....		17,000	12,070
New Or. Tx. & Mz. R. R., eq., 1919, 5%.....		6,000	4,260
N. Y. C. Lines, eq. tr., 1918, 4½%.....		25,000	24,750
N. Y. C. Lines, eq. tr., 1915, 5%.....		50,000	50,000
N. Y. C. Lines, eq., 1925, 4½%.....		25,000	24,750
N. Y. C. & H. R. R., d. g., 1934, 4%.....		25,000	25,000
N. Y. C. & H. R. R., n., 1915, 5%.....		100,000	98,000
N. Y. C. & H. R. R., R., 1915, 4½%.....		25,000	25,000
N. Y. State Ry., 1 ca. m., 1902, 4½%.....		25,000	22,250
N. Y. S. & W. R. R., eq. tr., 1916-19, 5%.....		50,000	49,500
N. & W. Ry., gn. m. div. 1, 1944, 4%.....		100,000	91,000
N. & W. Ry., eq. tr., 1915, 4%.....		10,000	9,900
Om. & Co. Bt. St. Ry., 1 ca. m., 1928, 5%.....		50,000	48,000
Ore. S. L. R. R., r., 1929, 4%.....		50,000	45,500
Pa. tr. g. c. d., 1916, 2½%.....		30,000	29,400
Pa. gn. frt. eq., 1915-17, 4½%.....		35,000	35,000
Pa. R. R., ca. m., 1948, 4%.....		20,000	20,000
P. B. & W. R. R., 1917-22, 4%.....		75,000	70,500
Phila. Co., 1 m. & col. tr., 1949, 5%.....		50,000	49,500
Phila. Rap. Tr. col. tr., 1957, 5%.....		50,000	49,000
P. & R. R. R., tm., 1941, 5%.....		100,000	112,000
P. W. & B. R. R., st. tr. c. d., 1921, 4%.....		65,000	63,060
Pitts. & Char. St. Ry., 1 m., 1932, 5%.....		25,000	24,500
P. C. & St. L. Ry., ca. m., 1957, 4%.....		100,000	94,000
Pitts. & Shaw. R. R., 1917, 6%.....		60,000	60,000
P. Ystn & Asht. Ry., 1 gn. m., 1948, 4%.....		25,000	23,500
Reading and P. & R. C. & I., gn. m., 1907, 4%.....		50,000	47,500
Seat. Rent. & So. Ry., 1 m., 1924, 5%.....		25,000	21,250
So. Pac. R. R., 1 r. m., 1955, 4%.....		100,000	92,000
So. Pac., San Fran. Tm., 1 m., 1950, 4%.....		50,000	42,000
So. Ry., 1 m., 1951, 4%.....		100,000	88,000
So. Ry., 1 ca. m., 1904, 5%.....		50,000	49,250
So. Ry., eq. tr. c. d., 1915, 4½%.....		10,000	10,000
So. Ry., eq. tr. c. d., 1915, 5%.....		50,000	50,000
St. L. & So. Ry., R. & G., 1 m., 1933, 4%.....		100,000	73,000
St. L. & San Fran. R. R., gn. in. 1927, 5%.....		50,000	19,000
St. L. & San Fran. R. R., N. O., Tex. & Mex. Div., 1 m. g., 1940, 5%.....		50,000	14,000
Tra. Hts. Ind. & E. Tc., 1 r. m., 1945, 5%.....		50,000	48,500
Tm. R. R. Assn. St. L., 1 m., 1939, 4½%.....		50,000	50,000
Tm. R. R. Assn. St. L., gn. r. m., s. f., 1953, 4%.....		125,000	108,750
Un. Pac. Ry., 1 m. & id. gt., 1947, 4%.....		25,000	24,500
Va. & Swa. Ry., 1 m. g., 1958, 5%.....		50,000	46,000
Va. Ry., 1 m., 1962, 5%.....		50,000	49,500
Wash., O. & W. R. R., 1 m., 1924, 4%.....		50,000	51,300
West. Transit, 1923, 3½%.....		50,000	45,500
Wes. Steel, 1917, 6%.....		50,000	50,000
Ches. & Del. Canal, 1 m., 1916, 4%.....		10,000	7,000

PENNSYLVANIA FIRE INSURANCE COMPANY, Philadelphia, Pa.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
BONDS.—Cont.		Value.	Value.
Chi. Elvtd. Ry., 1916, 5%.....	\$50,000	\$49,000	
Counties Gas & El., gn. m., g., 1962, 5%.....	50,000	50,000	
Ga. Ry. & El., r. & imp. m., 1949, 5%.....	50,000	49,000	
Ga. Ry. & Pow., 1 r. m. s. f., 1954, 5%.....	50,000	48,000	
Hoboken Ferry, 1 m. g., 1946, 5%.....	50,000	51,000	
Ind. Wat. Wks. Sec., col. tr., 1948, 6%.....	50,000	50,000	
Interb. R. T. 1 & r. m., 1966, 5%.....	50,000	49,500	
Keystone C. & C., 1 & r. m., 1915, 6%.....	50,000	50,000	
Leh. Coal & Nav., col. tr., 1930, 4 1/2%.....	50,000	49,500	
Leh. Coal & Nav., f. & gn. imp., 1948, 4 1/2%.....	100,000	97,000	
Leh. Coal & Nav., col. tr. pow. loan, 1921, 4 1/2%.....	50,000	49,500	
Leh. Coal & Nav., ca. m. s. f., 1954, 4 1/2%.....	50,000	49,500	
Mfrs. Wat., 1 m. g., 1939, 5%.....	44,000	44,440	
Mass. El., c., 1915, 5%.....	50,000	50,000	
Metro. St. Ry., Kan. Cy., g., 1913, 5%.....	50,000	47,500	
Minn. Gas, 1 gn. m., 1922, 5%.....	50,000	50,500	
Mortgage Bond, N. Y., g., 1906, 4%.....	25,000	20,750	
Pa.-Md. Coal, 1 m., 1939, 5%.....	48,000	45,080	
Phila. Sub. Gas & El., 1 & r. m., 1960, 5%.....	25,000	23,250	
Pub. Serv. Corp., N. J., g., 1959, 5%.....	75,000	67,500	
Pub. Serv. Corp., N. J., col. g., 1916, 5%.....	50,000	49,000	
Union Tr., Ind., gn. m., g., 1919, 5%.....	50,000	46,000	
Wilkes-Barre G. & El., ca. m. g., 1965, 5%.....	50,000	51,000	
Wilmington Gas, 1 r. m., 1949, 5%.....	25,000	24,500	
STOCKS.			
Bellefonte Cent. R. R., Pa.....	22,000	2,200	
Buff. & Susq. R. R., p.....	3,750	2,250	
Buff. & Susq. R. R., com.....	1,375	187	
Grand Rapids & Ind. R. R.....	21,000	4,200	
Midland Val. R. R., p.....	51,475	Nil	
Pa. R. R.....	102,800	111,834	
Gn. Adj. Bur., N. Y.....	100	100	
Pac. Coast Adj. Bur.....	500	500	
Phila. Bourse.....	700	90	
So. Adj. Bur., Atlanta.....	350	350	
Underwriters' Salv. of N. Y.....	500	500	
Underwriters' Salv. Corp. of Chicago.....	600	420	
Underwriters' Securities Corp., p.....	147,500	147,500	
Underwriters' Securities Corp., com.....	100,000	Nil	
West. Adj. & Insp.....	100	100	
Phila. Nat. Bk.....	20,000	87,000	

Totals (book value, \$7,029,869)..... \$7,188,650 \$6,567,796

Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Capital increased in 1963 from \$200,000 to \$400,000; and in 1908 from \$400,000 to \$750,000; \$1,050,000 was realized as premiums on the new stock issued. Conflagration

losses: Boston, 1872, \$550,000; Baltimore, 1904, \$380,000; San Francisco, 1906, \$2,950,000. Values of special deposits: Va., \$86,406; Ga., \$10,000; Ore., \$66,980.

DIRECTORS: Chas. H. Barry, R. Dale Benson, J. Tatal Lea, Richard M. Cadwalader, John L. Thomson, W. Gardner Crowell, Edward T. Stotesbury, Edwin N. Benson, Jr., Henry I. Brown.

FIELD MEN AND TERRITORY COVERED: George Batchelder, manager Western department, Chicago, Ill.; D. W. Redfield, assistant manager, 76 W. Monroe st., Chicago, Ill.; Fred H. Simons, Chicago, Ill., special agent for No. Ill.; J. E. Knapp, Jacksonville, special agent for So. Ill.; L. S. Wallace, Delavan, Wis., special agent for Wis.; L. C. Stire, Denver, Colo., special agent for Colo.; Wyo. and Neb.; J. A. Goebel, Bellefontaine, special agent for O.; F. K. Norris, Aberdeen, S. D., special agent for N. D. and S. D.; Jos. L. King, Minneapolis, Minn., special agent for Minn.; W. H. McGervey, Xenia, O., special agent for Va. and southern O.; R. E. Mackintosh, Des Moines, Ia., for Ia.; W. M. Gregory, special agent for Kan.; Topeka, Kan.; N. L. Spencer, special agent for Mich.; Lansing, Mich.; J. O. Beck, La Fayette, Ind., special agent for Ind.; Wm. C. Brown, special agent for Mo.; St. Louis, Mo.; C. A. Haggart, Oklahoma City, Okla., for Okla.; E. C. Brush, manager, Frank H. Battalana, associate manager and E. M. Bush, special agent New England department, Boston, Mass.; W. E. Chapin, manager, R. A. Palmer, assistant manager, southern department, Atlanta, Ga., embracing Va., N. C., S. C., Ga., Ala., Miss., La., Fla., Ky. and Tenn.; John Hallman, special agent for Tenn.; Nashville, Tenn.; Bennett B. Bean, Lexington, Ky., for Ky.; Barclay A. Hamlin, Danville, Va., special agent for Va. and N. C.; Marion Knowles, special agent for S. C.; Atlanta, Ga.; A. D. McBryde, special agent for Miss. and La.; New Orleans, La.; R. B. Barnett, special agent for Ga., Atlanta, Ga.; Miller A. Gowan, Atlanta, Ga., special agent for Fla.; W. W. Graves, Montgomery, Ala., special agent for Ala. and Miss.; Trevaust & Cochran, Dallas, Tex., managers for Tex. and Ark.; W. S. Brown & Co., New York City, managers Metropolitan district; Daniel Prentice, New York City, manager department of New York State and northern N. J.; George P. Beck, special agent, Syracuse, N. Y.; Joe J. Lyons, special agent, 92 William st., New York; Thompson, Dorr & Bro., managers, department State of Pa.; Wilkesbarre, Pa.; Wm. L. Jones Agency, agent, Pittsburg, Pa.; E. J. Richardson & Sons, Baltimore, Md., managers department State of Md.; Tyler & Rutherford, agents, Washington, D. C.; Gilpin Van Trump & Montgomery, managers Del. department; Wilmington, Del.; R. W. Osborn, San Francisco, Cal., manager Pacific Coast department; S. P. Menick, San Francisco, Cal., superintendent of agencies in charge of Mont., Utah, southern Ida. and general field; C. V. McCarthy, Portland, Ore., for Wash., Ore. and northern Ida.; F. J. Agnew, supt. of agencies, Oakland, Cal., for northern Cal. and Nev.; A. C. McConnell, Los Angeles, Cal., for southern Cal. and Ariz.; F. A. Lathrop, San Francisco, Cal., for central Cal. The company operates over the whole United States except Alas., Haw. and N. M.

PEOPLES FIRE INSURANCE COMPANY, Frederick, Md.

President, Emory L. Coblenz; Secretary, Wm. W. Doub. Organized, 1907.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$163,256	\$25,632	\$28,621	\$51,715	\$60,264	\$27,795	\$6,000	\$19,828	\$53,633	\$38,311
1913	156,299	22,982	30,501	37,718	47,844	21,336	6,000	17,152	44,488	20,87
1912	153,287	22,779	27,708	30,002	39,324	12,934	6,000	12,653	31,587	12,67
1911	146,007	20,865	22,264	24,945	36,901	12,029	9,000	10,065	31,094	13,72
1910	141,679	15,903	25,571	15,850	24,355	10,019	5,000	9,519	24,538	7,96

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$30,000	Losses unpaid.....	\$6,935
Mortgage loans.....	24,500	Unearned premiums.....	25,632
Bonds and stocks.....	42,010	Other liabilities.....	2,068
Collateral loans.....	34,899	Total liabilities.....	\$34,635
Cash.....	23,300	Capital paid up.....	100,000
Agents' balances.....	5,653	Net surplus.....	28,621
Interest and rents.....	2,894		
Total assets.....	\$163,256	Total.....	\$163,256

Underwriting loss, \$1,168; investment profit, \$5,288.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,664,631; premiums thereon, \$60,964.

BUSINESS SINCE ORGANIZATION: Premiums received, \$187,288; losses paid, \$93,379; dividends declared, cash, \$36,967.

REAL ESTATE OWNED: Comprises company's home office

building, carried at \$30,000, book value; market value, \$35,000. Rents received last year, \$3,055; taxes and expenses, \$1,202.

MORTGAGE LOANS: There are 5 loans for \$24,500 on fire class farm and city property in Md. and D. C., valued at \$139,000. No interest past due on December 31, last. Company has \$10,875 of insurance on the mortgaged building.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loans
Securities.			
Walkersville Sav. Bk., stk.....		\$1,125	
Berlin & Loveta Bg., stk.....		875	\$1,2
Frederick R. R., p.....		4,260	
Fred. and Middletown Ry., 1 m. g.....		2,000	5,0
Real Estate, Washington, D. C., 31 notes		6,200	6,2
Hagerstown & Frederick R.R., 1 m., ad. b		22,750	22,4
Totals.....		\$39,700	\$34,8

PEOPLES FIRE INSURANCE COMPANY, Frederick, Md.—Continued.

BONDS AND STOCKS OWNED:		
Bonds.	Par Value.	Market Value.
Pt. Wm. & Wash. Val. Tc., 5%.....	\$5,000	\$4,000
Mt. V. Woodbury Cotton Duck, 5%.....	5,000	2,500
Eastern Tls. & Bk., 5%.....	6,000	6,000
Frederick Gas & El., 5%.....	5,000	5,000
St. Lawrence Pulp. & Lumb.....	10,000	10,000
Fred. & Middleton Ry.....	2,000	1,960
Stocks.		
Nat. Mech., Balt.....	1,000	3,000
German Amer. Fire Ins., Balt.....	625	1,250
Mumey Tc., Balt.....	800	800
Central Tc., Frederick, Md.....	2,500	5,000
Terminal Ry., Baltimore.....	5,000	2,500
Totals (book value, \$47,288).....	\$46,925	\$42,010

DIRECTORS: Wm. F. Allen, McGill Belt, Chas. C. Biser, Zora H. Brinsfield, S. L. Bryn, Emory L. Coblenka, C. R. Coblenka, E. G. Cover, Abraham Hemp, Jr., Daniel C. Kepler, R. Rush Lewis, Rev. Isaac M. Motter, Wm. Reddie, Henry C. Rensberg, C. Chas. Renn, Chas. M. Shank, J. Franklin Thomas, F. G. Wrightson, John S. McDaniel, E. E. Zimmerman.

FIELD MEN AND TERRITORY COVERED: Thomas T. Hammond, general agent, 26 Commerce st., Baltimore, Md.; W. Harry Haller, Frederick, Md., special agent. Company operates only in Md.

PEOPLES NATIONAL FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, E. C. Stokes; Secretary, Henry T. Alley; Treasurer, J. M. Canning. Organized, 1908.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,943,240	\$598,963	\$262,275	\$888,940	\$980,106	\$491,955	.....	\$405,654	\$897,609	\$509,349
1913	1,977,520	587,081	230,134	785,027	878,896	495,355	.....	383,561	878,916	446,929
1912	2,017,380	587,642	242,972	859,887	955,360	677,210	.....	433,419	1,110,629	585,296
1911	2,062,136	645,514	246,969	8713,829	839,216	1,074,428	\$50,000	428,756	1,563,184	1,061,102
1910	2,778,236	1,217,810	354,321	1,817,003	1,930,601	760,236	50,000	801,077	1,811,313	818,402

Unearned premiums include those reclaimable on perpetual policies. * Excludes \$12,927 excess of special deposits. a Aggregate net premiums written, \$1,013,829; paid for reinsurance, \$300,000. † Pennsylvania standard.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$93,296	Losses unpaid.....	\$69,507
Mortgage loans.....	490,950	Unearned premis.....	586,909
Bonds and stocks.....	1,063,554	Perp. dep. recl.....	12,064
Collectal loans.....	7,000	Other liabilities.....	12,496
Cash.....	137,807	Total liabilities.....	\$680,965
Agents' balances.....	127,167	Capital paid up.....	1,000,000
Interest and rents.....	23,466	Net surplus.....	262,275
Total assets.....	\$1,943,240	Total.....	\$1,943,240

Underwriting loss, \$33,606; investment profit, \$79,817.

RISKS AND PREMIUMS: Fire risks in force (except per-
petuals) December 31, \$103,546,473; premiums thereon, \$1,139,-
885; perpetual fire risks, \$430,625; deposit premiums thereon,
\$13,393.

BUSINESS SINCE ORGANIZATION: Premiums received,
\$ 353,056; losses paid, \$3,641,476; dividends declared, cash,
\$106,000.

REAL ESTATE OWNED: Consists of the 3-story stone
building with lot 111 ft. by 190 ft. 8 ins., at Third and Walnut
sts., bought in June, 1912; cost, \$179,103 and carried at \$200,000,
subject to a mortgage of \$108,704. It is stated that this property
has been appraised by the Pennsylvania Insurance Department at
\$225,000. Net income last year amounted to \$4,330.

MORTGAGE LOANS: There are 56 loans, aggregating \$490,-
950, divided among several States. The loans are mostly upon
dwelling, apartments and stores, and there are only 10 exceeding
\$15,000 in amount. The larger loans are: \$45,000 on store and
apartments at Kentucky and Pacific aves., Atlantic City, valued
at \$102,000; \$18,000 on Prout Bldg., Miami, Fla., valued at \$42,000;
\$22,500 on 3402-5 No. 3rd st., Philadelphia, valued at \$134,400;
\$23,000 on N. E. cor. Pacific and Texas aves., Atlantic City,
valued at \$46,500; \$25,000 on 4102 Lancaster ave., Philadelphia,
valued at \$77,500; \$25,000 on 145 So. Carolina ave., Atlantic City,
valued at \$49,000; \$17,500 on 454 W. 27th st., N. Y., valued at
\$4,500; \$16,500 on 55 E. Grand ave., Brooklyn, N. Y., valued
at \$80,000; \$18,000 on Broadway, Gary, Ind., valued at \$37,000;
\$23,000 on 14 Clinton st., Borough Manhattan, New York City,
valued at \$25,000. There was \$664 of interest paid due on
December 31, last. Company holds ample insurance on the build-
ings.

COLLATERAL LOANS: These loans amount to \$7,000 and
are upon securities whose market value amount to \$10,000.

BONDS AND STOCKS OWNED:		
Bonds.	Par Value.	Market Value.
Albany, Ga., imp., 1924-36, 5%.....	\$10,000	\$12,000
Albany, N. Y., imp., 1915-16, 4%.....	25,000	25,000
Balt., Md., new sr. imp., 1909, 3½%.....	10,000	8,500
Berkley, Va., ga. imp., 1922, 5%.....	10,000	10,000
Birmingham, Ala., pub. imp., 1919, 6%.....	10,000	10,300
Boston, Mass., imp., 1919-22, 3½%.....	15,000	14,600

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
Camden, N. J., floating, 1928, 4½%.....	\$10,000	\$10,300
Columbus, Ga., r., 1939, 4½%.....	10,000	10,000
Co. of Coos, Ore., sc. dis., No. 9, 1928, 5%.....	5,000	5,060
Eugene, Ore. Wat., 1948, 5%.....	10,000	10,400
Bor. of Greensburg, Pa., f., 1938, 4½%.....	10,000	10,100
Hoboken, N. J., wat., 1938, 5%.....	10,000	11,100
Homestead, Pa., r., 1928, 4½%.....	10,000	10,300
Houston, Tex., st. imp., 1943, 5%.....	10,000	10,400
Los Angeles, Cal., wat., 1940, 4½%.....	10,000	10,100
McKeesport, Pa., wat., 1917-23, 4%.....	10,000	9,950
Minneapolis, Minn., sr., 1938, 4%.....	10,000	9,800
Mobile, Ala., r., 1937, 4½%.....	10,000	9,900
Co. of Nassau, N. Y., rd. sc., 1926, 5%.....	3,000	3,210
Newport News, Va., st. imp., 1948, 4½%.....	10,000	9,800
New Rochelle, N. Y., sr., 1915, 5%.....	3,000	3,000
N. Y., op., 1967, 4½%.....	10,000	10,700
N. Y., city imp., 1915, 3%.....	2,500	2,500
N. Y., new aqu., 1920, 3½%.....	4,000	3,920
N. Y., city imp., 1915, 3%.....	5,000	5,000
N. Y., n., 1915-16, 6%.....	8,500	8,500
No. Bergen, N. J., f., 1938, 5%.....	10,000	10,700
Oswego, N. Y., wat., 1915, 4½%.....	10,000	10,000
Phila., Pa., sc. dis., 1930-32, 4½%.....	25,000	25,750
Pitts., Pa., 5th wd. sc., 1923, 6%.....	10,000	11,200
Plainfield, N. J., sc., 1958, 4½%.....	10,000	10,000
Pt. Chester, N. Y., sr., 1915-16, 5%.....	5,000	5,000
Portsmouth, Va., pav., 1938, 4½%.....	10,000	10,000
Poughkeepsie, N. Y., r., 1928, 4½%.....	13,000	13,000
Richmond, Va., r., 1927, 4%.....	2,000	1,920
Richmond, Va., Armory, 1929, 4%.....	3,800	3,610
Richmond, Va., imp., 1938, 4%.....	300	282
Richmond, Va., cy. h., 1940, 4%.....	1,400	1,302
Richmond, Va., culvert, 1941, 4%.....	2,500	2,325
Roanoke, Va., r., 1936, 4½%.....	10,000	9,800
San Francisco, Cal., sc., 1923, 5%.....	10,000	10,200
Schenectady, N. Y., sc., 1928, 4½%.....	10,000	10,300
Seattle, Wash., 1921, 7%.....	300	309
Spokane, Wash., bg., 1933, 4½%.....	10,000	10,000
Syracuse, N. Y., Salina sc., 1915-18, 4½%.....	5,000	5,036
Wilmington, Del., wat. wks., 1921, 4%.....	25,000	24,750
Woodbury, N. J., sc., 1942-46, 4½%.....	10,000	10,100
Yonkers, N. Y., sc., 1915-16, 4½%.....	3,000	3,000
A. T. & S. F. R. R., sh. l., 1 m., 1958, 4%.....	10,000	9,100
Bos. & Me. R. R., n., 1914, 5 & 6%.....	10,000	10,000
Bos. & Me. 1 l., 1929, 4½%.....	20,000	15,450
Cent. Pac. s. l., 1 m., 1964, 4%.....	10,000	8,700
Ches. & O. Ry., n., 1919, 5%.....	10,000	9,600
Chi. & No. Mich. 1 m., 1931, 5%.....	10,000	4,300
Chi. R. I. & Pac. eq., 1917, 4½%.....	10,000	9,700
Chi. R. I. & Pac. g. m. r., 1934, 4%.....	10,000	7,200
Chi. & W. Ind., ca. g. m., 1962, 4%.....	10,000	8,400
Den. & Rio G. 1 m., 1936, 4%.....	10,000	8,000
Ft. W. & Rio G. 1 m., 1928, 4%.....	10,000	5,500
Is. Cent. Eq., 1916, 5%.....	15,000	14,850

PEOPLES NATIONAL FIRE INSURANCE COMPANY, Philadelphia, Pa.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.	BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.				STOCKS.			
L. I. R.R. Ferry, 1 m., 1922, 4½%	15,000	\$15,000	\$14,250	Cent. Tr. & Sav., Phila.	10,000	\$10,000	\$12,000
L. & N. A., K. & C., 1 m., 1955, 4%	15,000	15,000	15,500	Corn Exch. Nat. Bk., Phila.	5,000	5,000	15,900
L. & N. P. & M., 1 m., 1946, 4%	10,000	10,000	9,100	4th St. Nat. Bk., Phila.	5,000	5,000	14,250
Mich. Ry. 1 l. n., 1919, 6%	10,000	10,000	9,800	Girard Nat. Bk., Phila.	5,000	5,000	16,750
Minn. & St. L. Eq., 1916, 5%	10,000	10,000	9,700	Quaker Cy. Nat. Bk., Phila.	10,000	10,000	11,900
Nor. & W. Div., 1 l., 1944, 4%	10,000	10,000	9,100	So. Adj. Bur., New Orleans, La.	100	100	200
Peoria, Ill., Ry., 1 m., 1920, 5%	10,000	10,000	9,700	3rd Nat. Bk., Phila.	10,000	25,700	
P. M. L. E. & D. R. Div., 1 m., 1932, 4½%	10,000	10,000	6,800	West. Adj. & Insp., Chi.	100	900	
Pine B. & W., 1 m., 1923, 5%	10,000	10,000	9,600	West. Sprinkled Risk Assn.	500	500	
St. L. I. M. R. & G. Div., 1 m., 1933, 4%	10,000	10,000	7,300	Atl. Refining	1,000	5,900	
S. L. City, U. Dp. & Ry., 1 m., 1938, 5%	10,000	10,000	9,400	Lehigh Coal & Nav.	5,000	8,100	
San A. & A. Pass, 1 m., 1943, 4%	10,000	10,000	8,200	Jessup & Moore Paper	20,000	18,900	
Sea Coast pr. l., 1948, 5%	12,000	12,000	12,600	Temple Coal	10,000	10,300	
So. Pac. Co., San F. Tm., 1 m., 1950, 4%	15,000	12,750	12,750	St. Lawrence Sec. Cp.	5,000	750	
Tol. St. L. & W., pr. l., 1925, 3½%	10,000	8,100	8,100	Jessup & Moore Paper com. stk.	3,000	750	
So. Ry. Eq., n., 1916, 5%	10,000	10,000	10,000				
Beloit, Wis., Tc., 1 m., 1932, 5%	10,000	9,400	9,400				
Birmingham Ry., Lt. & Pow., 1915, 6%	10,000	10,000	10,000				
Kan. Cy. St. Ry. & L., 1 l., 1913, 5%	10,000	8,900	8,900				
Ken. Tc. & Tm., 1951, 5%	20,000	16,800	16,800				
Kewanee, Ill., Lt. & Pow., 1 m., 1924, 6%	10,000	10,100	10,100				
Lafayette & Loganport, Tc., 1 m., 1936, 5%	10,000	8,900	8,900				
Miami, Fla. Gas., 1 m., 1936, 5%	10,000	9,600	9,600				
Mill, Wis. Gas Lt., 1 m., 1927, 4%	10,000	9,100	9,100				
Muncie El. Lt., 1932, 5%	6,000	5,780	5,780				
Peoples Pass. Ry., Phila. t. c. f., 1943, 4%	10,000	8,400	8,400				
Peoria Gas & El., 1923, 5%	10,000	9,900	9,900				
Pub. Ser. Cp., N. J., n., 1916, 6%	10,000	10,000	10,000				
R. & F. El. Ry., 1 m., 1923, 5%	20,000	18,800	18,800				
St. J. Mo. Gas, 1 m., 1937, 5%	10,000	8,400	8,400				
San Fran., Cal. G. & E. g. m., 1933, 4½%	13,000	11,830	11,830				
So. Jersey, g., El. & Tc., 1 m., 1953, 5%	10,000	9,900	9,900				
U. Ry., St. L., 1 m., 1934, 4%	15,000	10,500	10,500				
Va. Ry. & Pow., 1934, 5%	5,000	4,600	4,600				
Wash., D. C., Tm., 1 m., 1945, 3½%	10,000	8,400	8,400				
Acme Wh. Lead & Color Wks., 1 m., 1918, 6%	5,000	4,900	4,900				
Kenmore Pulp & Paper, 1937, 6%	5,000	4,625	4,625				
Mtgs. Bd., N. Y., 1966, 4%	10,000	8,400	8,400				
St. L. P. & L. Cp., 1 s. s. f., 1933, 6%	25,000	24,750	24,750				
				Totals (book value, \$1,125,085)..... \$1,093,000 \$1,076,450			
MISCELLANEOUS: Company was organized under the laws of Delaware in 1908, and commenced business January 1, 1909, with a paid-up capital, \$712,300 and an initial surplus of \$316,871; capital increased in 1909 to \$1,000,000, and \$478,668 additional surplus paid in. Value of special deposits: Va., \$49,039. Ga., \$10,200.							
DIRECTORS: Hon. E. C. Stokes, C. J. Adams, D. M. Barr, Geo. de B. Klein, H. T. Alley, J. M. Manning, Fred T. Chandler, Wm. J. Cooper, Gen. Jas. B. Corryell, Harry W. Davis, W. H. Clark, Thos. Devlin, Isaac Ferris, Jr., Jules A. Keris, Dr. John B. Mayer, J. A. McKee, J. Hector McNeal, H. K. Mulford, Thos. K. Ober, Jr., Geo. Oldham, E. H. Pennypacker, W. L. Wakefield, Geo. B. Wells, L. J. Hammond.							
FIELD MEN AND TERRITORY COVERED: R. H. Hoard, Philadelphia, for Pa.; A. H. Walters for N. J.; W. B. Bierce, for Ind., Ill. and Mich.; Freeman Wilson, Columbus, O., for O.; Grant Stockham, Baltimore, Md., special agent for Md.; H. C. Letson, Albany, N. Y., special agent for N. Y. State. The company operates in all the states and territories of the United States except Alaska, Ariz., Ark., Ky., Haw., Miss., Mo., Nev., N. M., Okla., Tenn., Tex., Vt. and W. Va.							

Totals (book value, \$1,125,085)..... \$1,093,000 \$1,076,480

MISCELLANEOUS: Company was organized under the laws of Delaware in 1908, and commenced business January 1, 1909, with a paid-up capital of \$712,200 and an initial surplus of \$314,871; capital increased in 1909 to \$1,000,000, and \$478,968 additional surplus paid in. Values of special deposits: Va., \$49,039. Ga., \$10,200.

DIRECTORS: Hon. E. C. Stokes, C. J. Adams, D. M. Barr, Geo. de B. Klein, H. T. Alley, J. M. Canning, Fred T. Chandler, Wm. J. Cooper, Gen. Jas. B. Coryell, Harry W. Davis, W. H. Clark, Thos. Devlin, Isaac Ferris, Jr., Jules A. Kerle, Dr. John B. Mayer, J. A. McKee, J. Hector McNeal, E. K. Mulford, Thos. K. Ober, Jr., Geo. Oldham, E. H. Pennypacker, W. L. Wakefield, Geo. B. Wells, L. J. Hammond.

FIELD MEN AND TERRITORY COVERED: R. H. Hoard, Philadelphia, for Pa.; A. H. Walters for N. J.; W. B. Bierce, for Ind., Ill. and Mich.; Freeman Wilson, Columbus, O., for O.; Grant Stockham, Baltimore, Md., special agent for Md.; H. C. Letson, Albany, N. Y., special agent for N. Y. State. The company operates in all the states and territories of the United States except Alas., Ariz., Ark., Ky., Haw., Miss., Mo., Nev., N. M., Okla., Tenn., Tex., Vt. and W. Va.

PETERSBURG SAVINGS AND INSURANCE COMPANY, Petersburg, Va.

President, Alexander Hamilton; Secretary, E. W. Butcher. Organized, 1900.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$3,425,392	\$124,587	\$719,779	\$122,985	\$306,437	\$62,809	\$40,000	\$165,497	\$268,106	\$67.30
1913	3,286,800	116,072	892,902	117,724	289,158	48,768	37,000	151,903	237,561	\$2.8
1912	3,368,406	104,781	680,676	111,801	277,818	56,712	36,000	144,313	236,625	\$7.5
1911	3,274,339	97,515	660,305	106,006	269,699	51,032	36,000	103,825	190,877	\$4.6
1910	3,166,147	90,663	622,926	103,757	250,666	60,754	36,000	133,767	230,521	\$7.5

ASSETS, Dec. 31, 1914.

Real estate.....	\$60,992	LIABILITIES, Dec. 31, 1914.	
Bonds and stocks.....	181,247	Losses unpaid.....	\$14,909
Cash.....	586,335	Unearned premis.....	124,587
Agents' balances.....	20,169	Other liabilities.....	2,366,117
Other assets.....	2,576,549	Total liabilities.....	\$2,505,613
		Capital paid up.....	200,000
		Net surplus.....	719,779
Total assets.....	\$3,425,392	Total.....	\$3,425,392

Underwriting profit, \$643; investment profit, \$66,534.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$14,761,628; premiums thereon, \$235,383.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,518,739; losses paid, \$1,848,018; dividends declared, cash, \$1,021,916.

REAL ESTATE OWNED: Consists of company's home office building at Petersburg, Va. Carried at book value, cost over \$85,000. Rents received during past year, \$1,479.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
Central of Ga.....	\$25,000	\$25,000
Hotel Richmond.....	62,000	63,503

BONDS AND STOCKS OWNED.—Cont.

	Par Value.	Market Value.
State of Maryland.....	\$10,000	\$10,000
City of Portsmouth.....	11,000	10,100
City of Wilmington.....	10,000	10,100
Union Buffalo.....	79,400	10,100
U. S. Steel stk.....	50,000	54,000
Totals.....	\$247,400	\$181,300

MISCELLANEOUS: The ratios of expenses of the insurance department of this company to premiums received have been as follows: 1913, 40.2%; 1912, 39.6%; 1911, 32.9%; 1910, 37.0%; 1909, 36.7%; 1908, 32.7%; 1907, 32.2%; 1906, 29.0%; 1905, 27.1%. Conflagration loss: Baltimore, 1904, \$5,878.

DIRECTORS: Alexander Hamilton, Fortescue Whittle, K. Branch, D. B. Dunlop, Fred W. Scott, Walter N. Jones, H. Cuthbert, H. P. Harrison, Robert Gilliam, Wm. H. Ca John D. Watkins and F. M. Hobbs.

FIELD MEN AND TERRITORY COVERED: Harry Poor & Co., Inc., Baltimore, Md. for Md.; Hay & Reynolds, Raleigh, N. C. for N. C. The company operates in Md., N. Pa. and Va.

PHOENIX INSURANCE COMPANY, Hartford, Conn.

President, Edward Milligan; Vice-President, Geo. M. Lovejoy; Secretaries, John B. Knox, T. C. Temple. Organized, 1854.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$15,762,596	\$5,487,449	\$6,472,393	\$5,399,701	\$6,068,163	\$3,056,765	\$663,091	\$2,247,891	\$5,967,747	\$3,081,518
1913	15,675,636	5,619,137	6,268,496	5,799,628	6,371,417	2,562,208	395,598	2,392,166	5,349,972	2,655,210
1912	11,805,799	4,975,957	4,154,841	5,176,471	5,676,149	2,738,007	375,497	2,063,338	5,176,842	2,592,908
1911	11,403,404	5,109,447	3,451,689	5,532,093	6,020,716	2,730,715	372,401	2,160,485	5,263,601	2,904,358
1910	10,792,586	4,325,466	3,710,060	5,027,169	5,421,485	2,273,453	329,360	1,905,364	4,508,177	2,362,532

Assets, Dec. 31, 1914.	LIABILITIES, Dec. 31, 1914.
Real estate..... \$141,013	Losses unpaid..... \$552,756
Mortgage loans..... 164,880	Unearned premiums..... 5,487,449
Bonds and stocks..... 13,993,236	Other liabilities..... 250,000
Loans on Coll's Pat.	
F. A. Mfg. value, \$20,000	Total liabilities..... \$6,290,205
Cash..... 792,285	Capital paid up..... 3,000,000
Agents' balances..... 1,007,204	Net surplus..... 6,472,393
Interest and rents..... 109,068	
Total..... \$15,917,756	
Sp. dep. over lib..... 155,158	
Total adn. assets \$15,762,596	Total..... \$15,762,596

Underwriting profit, \$141,860; investment profit, \$817,195.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,064,542,210; premiums thereon, \$10,625,999.

BUSINESS SINCE ORGANIZATION: Premiums received, \$139,963,372; losses paid, \$79,057,526; dividends declared, cash, \$1,066,000.

REAL ESTATE OWNED: Consists of a group of stores and dwellings at 65-81 Pearl st., Hartford, book value, \$98,623, and owned at \$120,000 and dwelling property at 38-40 Lewis st., valued at \$21,013.

MORTGAGE LOANS: Eight of the 35 loans are upon Hartford dwellings, one of \$10,000 being secured by 1 Woodland st., valued at \$25,000. The remaining loans are upon farm properties in Kan. and Ia. two dwellings in Wymont, Ga., a dwelling in Augusta, Ga. and lots in Dallas and Des Moines. The total amount of loans, \$104,586, is protected by properties valued at \$483,640, and no interest was overdue December 31, last.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
Bonds.		
Berlin, Ont., d., 1922, 5 1/2 %	\$25,000	\$25,750
Bridgeport, Conn., ca. ac. bldg., 1924-27 4 1/2 %	30,000	30,900
Bradford, Can., d., 1934, 4 %	20,000	18,200
Bradford, Can., 1942, 4 1/2 %	7,000	6,720
Bradford, Can., 1952, 5 %	20,000	20,400
George, S. C., w., 1960, 5 %	35,000	36,650
Georgia, reg., 1915, 4 1/2 %	10,000	10,000
Greigh, Can., d., 1929, 4 1/2 %	20,000	19,400
Hartford, Conn., 2 no. ac. dist., 1934, 3 1/2 %	40,000	36,800
Hartford, Conn., Wash. ac. dist., 1928, 4 %	20,000	19,800
Hartford, Conn., no. ac. dist., 1942, 3 1/2 %	108,000	97,200
Hamilton, Ont., 1933, 4 1/2 %	25,000	24,000
Kalamazoo, Ont., d., 1943, 4 1/2 %	25,000	24,000
Lafayette, Que., 1953, 5 %	25,000	24,000
London, Ont., d., 1924-27, 3 1/2 %	39,000	35,010
Montreal, Can., W. d., 1932, 5 %	10,000	9,200
Montreal, Can., 1941, 4 %	40,000	36,400
Montreal, Can., 1939, 3 1/2 %	50,000	42,000
New Brunswick, 1922, 4 %	5,000	4,850
Quebec, d., 1917, 4 %	4,000	3,960
Quebec, Can., d., 1960, 5 %	25,000	23,000
Presbyterian, Va., reg., 1942, 4 %	25,000	23,000
Portland, Ore., ferry, 1923, 5 %	15,000	16,500
Portland, Ore., wat. loan, 1923, 5 %	6,000	6,300
Portland, Ore., bg. loan, 1925, 5 %	17,000	18,020
Portland, Ore., f., 1928, 5 %	14,000	15,120
Quebec, d., 1922, 4 1/2 %	73,000	71,640
Richmond, Va., reg., 1921, 5 %	25,000	25,500
Sacramento, Cal., new lever, 1937, 4 1/2 %	25,000	25,000
St. Boniface, Man., d., 1930, 5 %	25,000	23,750
St. Boniface, Man., loc. imp., d., 1932, 5 %	25,000	23,500

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
Bonds.—Cont.		
St. Denis de Montreal School, 1952, 5 1/2 %	\$25,000	\$24,000
St. Henri, P. Q., 1913, 4 1/2 %	75,000	74,250
St. Henri, P. Q., sc., Montreal, 1949, 4 1/2 %	20,000	18,800
St. Hyacinth, Que., 1953, 5 %	25,000	22,500
Seattle, Wash., C. R. w. s., 1919-20, 5 %	50,000	51,000
Toronto, Ont., d., 1948, 4 %	55,000	48,950
Toronto, Ont., wat. wks., d., 1916, 5 %	9,000	9,000
Toronto, Ont., el. pow., 1953, 4 1/2 %	45,000	44,100
Victoria, B. C., 1928, 5 %	20,000	20,000
Westmount, Can., 1945, 4 %	50,000	45,000
Westmount, Can., 1955, 4 1/2 %	25,000	24,000
Woodstock, Ont., 1942, 5 %	25,000	25,000
Winnipeg, Man., pk. f., d., 1923, 5 %	20,000	20,400
Atl. & Danv. R. R., 1 m., 1948, 4 %	50,000	44,500
Atl.-Birm., 1 m., 1933, 4 %	25,000	21,250
A. T. & S. Fe S. L., 1958, 4 %	30,000	27,300
B. & O., eq. tr., 1921, 4 1/2 %	25,000	25,000
Bangor & Aroos, 1943, 5 %	25,000	25,000
Bos. & Me., 1929, 4 1/2 %	50,000	38,500
B. C. R. & N., I. M. & D., ca. 1 m., 1934, 5 %	25,000	25,500
B. C. R. & N., I. M. & D., reg., 1934, 5 %	25,000	25,500
Carolina Cent., 1 ca., 1949, 4 %	18,000	15,840
Cent. Pac., 1 r., 1949, 4 %	75,000	70,500
Cent. Pac. Th. S. L., 1 m. gr., 1954, 4 %	25,000	21,750
C. & O., 1 ca., 1939, 5 %	75,000	80,250
Choc. & Mem., 1 m., 1949, 5 %	75,000	74,250
C. I. & S., 1 ca. m., 1956, 4 %	75,000	63,000
C. I. & L., r., 1947, 5 %	38,000	39,900
C. I. & L., r., 1947, 4 %	25,000	21,250
C. & Nwn. Ry., a. f., 1929, 6 %	60,000	65,400
C. & Nwn. Ry., a. f., 1929, 5 %	20,000	21,000
C. & W. Ind., gn. m., 1932, 6 %	225,000	238,500
C. & W. Ind., ca. m., 1952, 4 %	100,000	84,000
C. & E. R. R., 1 m., 1982, 5 %	50,000	54,000
C. St. L. & N. O., 1951, 5 %	25,000	27,500
C. M. & St. P. C. & P., 1921, 5 %	75,000	78,000
C. M. & St. P. W. & M., 1 m., 1921, 5 %	25,000	26,250
C. M. & St. P., cv., 1932, 4 1/2 %	6,300	6,426
C. Rys., pr. mon., 1927, 4 %	25,000	17,000
C. Rys., adj. inc., 1927, 4 %	2,625	1,207
C. St. P., M. & O., 1930, 5 %	50,000	51,000
Cin., Day, & Ironton, 1 m. w., 1941, 5 %	100,000	78,000
Cleveland & Mahoning Valley, 1938, 5 %	7,000	7,420
C. C. C. & I., gn. ca., 1934, 6 %	50,000	59,000
Cent. R. R. N. J., gn. m., 1987, 5 %	50,000	58,500
Cin., Ind., St. L. & Chi., 1920, 6 %	10,000	10,600
Cleve., Cin., Chi. & St. L., 1993, 4 %	25,000	19,250
C. C. C. & St. L. (St. L. Div.), 1990, 4 %	25,000	20,750
Del. & Hud., 1 in. eq., 1922, 4 1/2 %	100,000	101,000
Denver Cy. Tm., 1 d. r. s. f., 1933, 5 %	5,000	4,350
Des M. & Ft. D., 1 m. gr., 1935, 4 %	75,000	45,000
Det., Gr. R. & W., ca. 1 m., 1946, 4 %	25,000	14,750
Duluth & Iron Range, 1 m., 1937, 5 %	30,000	30,600
Detroit Ry., 1 m., 1924, 5 %	60,000	54,600
Elgin, Joliet & Eastern, 1 m., 1941, 5 %	100,000	106,000
Erie Ry., 1 m., ca., 1920, 7 %	50,000	56,000
Erie Ry., Penn., col., 1961, 4 %	25,000	22,500
Easton & Amboy, 1 m., reg. gr., 1920, 5 %	50,000	52,000
Evansv. & Tr. Ht., 1 m. ca., 1921, 6 %	25,000	25,000
Flint & Pere Marq., ca. 1 m., 1939, 5 %	25,000	16,750
Georgia Pac., 1 m., 1922, 6 %	50,000	54,500
Ga. R. R. & Bkg., 1947, 4 %	25,000	22,000
Grand Trunk Ry., Can., eq., 1919, 4 1/2 %	25,000	24,500
Hocking Val., 1 ca. m., 1999, 4 1/2 %	25,000	25,250
Ia. Cent., g., 1938, 5 %	75,000	66,000
Ind., Ill. & Ia., 1 m., 1950, 4 %	100,000	88,000
Kan. Cy. & Pac., 1 m., 1990, 4 %	50,000	39,000
Kan. Cy., Ft. Sc. & M., ca. m., 1928, 6 %	25,000	27,500
Lake Erie & Western, 1937, 5 %	50,000	51,000
L. S. & M. So., d., 1931, 4 %	150,000	141,000
Leh. Val. Tm., Gr., 1941, 5 %	100,000	111,000
Leh. Va. Ry., N. Y., 1 m., 1940, 4 1/2 %	50,000	50,500
Louis., Hend. & St. L., 1 m., 1946, 5 %	100,000	108,000

PHOENIX INSURANCE COMPANY, Hartford, Conn.—Continued.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
L. & N. Pad. & Mem., 1946, 4%.....	\$25,000	\$22,750
L. & N. A., K. & C. Div., 1955, 4%.....	25,000	22,500
L. & N. eq., 1922-3, 5%.....	25,000	26,000
L. & N. L., C. & L. Div., 1931, 4%.....	50,000	51,000
L. & N. St. L. Div., 1 m., 1921, 6%.....	18,000	19,620
L. I. R. R., unified m., 1949, 4%.....	30,000	26,100
Minn. Un. Ry., gr., 1922, 6%.....	75,000	83,250
Mo., K. & E., 1 m., gr., 1942, 5%.....	150,000	151,500
Naab., C. & St. L., ca., 1928, 5%.....	25,000	27,000
N. Y. C., eq. tr., 1918-20, 5%.....	125,000	126,000
N. Y. C., eq. tr., 1916, 4%.....	25,000	25,000
N. Y. C., eq. tr. B. & A., 1920, 4%.....	25,000	24,750
N. Y. C. & St. L., d., 1931, 4%.....	50,000	42,000
N. Y. L. & W. R. R., gr., 1921, 6%.....	60,000	55,000
N. Y. N. H. & H. R. R., cv. d., 1948, 6%.....	100,000	106,000
N. Y. N. H. & H., 1915, 5%.....	25,000	24,250
N. Y. West. & Boston, 1946, 4%.....	60,000	35,000
New Eng. Nav., 1917, 6%.....	25,000	23,750
N. P. & G. N., C. B. & Q. col., 1921, 4%.....	25,000	24,250
Ohio River, gn. m., 1937, 5%.....	5,000	5,150
Ore. & Cal., 1 m., gr., 1927, 5%.....	66,000	67,980
Oswego & Syracuse, const., 1923, 5%.....	25,000	26,250
Pa. Gn. Fgt. Eq., reg., 1920, 4%.....	23,000	22,540
Rome, Water, & Ogdena, 1 ca., 1922, 5%.....	25,000	26,250
Santa Fe, Prescott & Phoenix, 1942, 5%.....	26,000	27,820
St. L., P. & Nwn., 1 m., gr., 1948, 5%.....	25,000	26,500
St. P. M. & M., ca. m., 1933, 4%.....	25,000	24,750
St. P. M. & M., ext., 1937, 4%.....	25,000	24,000
St. P. & No. Pac., reg. 1 m., 1923, 6%.....	25,000	28,000
St. P. & No. Pac., c. 1 m., 1923, 6%.....	25,000	28,000
So. Ry., St. L. Div., 1 m., 1931, 4%.....	50,000	43,500
So. Ry., Mem. Div., 1 m., 1936, 5%.....	25,000	26,250
St. L., I. M. & S., gn. col. & id. gr., 1931, 5%.....	100,000	102,000
St. L. & San Fran., gn. m., 1931, 6%.....	30,000	33,800
St. L. Sw. Ry., gr. cfs., 1939, 4%.....	25,000	21,000
So. & No. Ala., ca. m., 1936, 5%.....	100,000	107,000
R. R. Securities, cfs., 1952, 4%.....	125,000	88,750
Tm. R. R. Assn., St. L., 1 ca. m., 1944, 5%.....	25,000	26,750
Tm. R. R. Assn., St. L., 1 m., 1939, 4%.....	25,000	25,000
T. H. & B., 1 m., 1946, 4%.....	50,000	43,000
Toledo & Ohio Cent., 1 m., 1935, 5%.....	25,000	26,250
Toledo & Ohio Cent., W. Div., 1935, 5%.....	25,000	26,000
Vt. Val., B. & M., 1 m., 1940, 4%.....	50,000	47,500
Va. Midland, gn. m., 1936, 5%.....	50,000	52,500
Wash. Co., Me., gr., 1954, 3%.....	25,000	18,000
N. Y. Dock, 1 m., 1951, 4%.....	42,000	33,180
Nwn. Tl. gr., 1934, 4%.....	50,000	45,000
West. Union Tl., 1950, 4%.....	50,000	46,000

STOCKS.

Aetna Nat. Bk., Hartford.....	30,000	96,000
Central Trust, N. Y.....	22,500	230,400
Charter Oak Nat. Bk., Hartford.....	16,200	27,540
City Bk., Hartford.....	16,000	17,760
Commonwealth Bk., Richmond, Va.....	1,000	.....
Hartford Nat. Bk., Hartford.....	25,000	46,500
Hartford Tr., Hartford.....	66,000	225,080
Home Nat. Bk., Meriden.....	6,700	8,643
Imperial Bk., Toronto, Ont.....	47,900	102,985
Metropolitan Tr., N. Y.....	10,000	38,000
Nat. Ex. Bk., Hartford.....	17,000	27,540
New Britain Tr., New Britain.....	5,000	13,150
New Britain Nat. Bk., New Britain.....	20,000	34,000
Phoenix Nat. Bk., Hartford.....	77,000	130,130
State Bk. & Tr., Hartford.....	20,000	52,000
Security Tr., Hartford.....	5,000	12,800
Waterbury Nat. Bk., Waterbury.....	22,000	35,200
Beech Creek R. R., gr.....	15,000	13,500
Boston El. Ry.....	36,000	32,760
C., C. & St. L. R. R., p.....	30,000	15,000
C., C. & St. L. R. R., com.....	13,200	3,980
Chicago, Mil. & St. P., p.....	30,000	40,200
Cleve. & Pitta. R. R., p.....	25,000	41,500
Ft. Wayne & Jackson R. R., p, gr.....	50,000	61,000
Georgia R. R. & Bkg.....	30,000	78,000
Illinois Cent.....	20,000	22,400
Louis. & Nash.....	50,000	69,000
Morris & Essex R. R., gr.....	50,000	85,500
N. Y., N. H. & H. R. R.....	305,000	167,750
N. Y. & H. R. R., gr.....	12,500	45,000
N. Y. C. & H. R. R. R.....	110,000	99,000
Pa. R. R.....	287,350	318,958
Peoria & Bureau Val. R. R., gr.....	50,000	70,000
Rensselaer & Saratoga R. R., gr.....	25,000	45,000
Sharon R. R. of Pa., gr.....	25,000	27,000
United N. J. R. R. & Canal, gr.....	10,000	22,500
West Jersey & Seashore.....	10,000	10,200

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
STOCKS.—Cont.		
Amer. Tl. & Cable, gr.....	\$50,000	\$27,500
Empire & Bay State Tl., gr.....	15,000	9,900
Hartford El. Lt.....	36,000	99,730
Holyoke Wat. Pow.....	130,000	546,000
Ill. & Miss. Tl., gr.....	25,000	16,500
Inter. Ocean Tl., gr.....	20,000	19,000
Narragansett El. Lt.....	10,000	17,000
Narragansett El. Lt., d., cfs.....	5,000	7,500
Nwn. Tl., gr.....	130,000	144,300
N. Y. Dock, p.....	42,000	7,560
N. Y. Mut. Tl., gr.....	3,800	3,600
Pac. & Atl. Tl., gr.....	7,425	4,836
Phoenix Securities.....	997,700	2,494,250
Providence Gas.....	10,000	19,600
Providence Tl.....	11,450	22,900
So. & Atl. Tl., gr.....	11,250	10,125
So. New England Tl.....	30,000	41,400
Equitable Securities.....	591,300	381,649
Western Union Tl.....	20,500	12,095

Totals (book value, \$10,816,415)..... \$10,115,500*\$12,404,604

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Capital increased in 1854 from \$100,000 to \$200,000; in 1859 to \$400,000; in 1864 to \$600,000; in 1871 received for "assessment on capital," \$300,000; in 1876 to \$1,000,000; in 1881 to \$2,000,000; in 1913 to \$3,000,000. Conflagration losses: Chicago, 1871, \$937,218; Boston, 1872, \$385,956; Baltimore, 1904, \$537,216; San Francisco, 1906, \$1,771,103. Values of special deposits: Ga., \$10,000; Can., \$454,540; Va., \$48,500; N. M., \$10,000.

DIRECTORS: Lyman B. Jewell, Henry C. Dwight, Ward W. Jacobs, Charles H. Northam, Edw. Milligan, John M. Taylor, Chas. Hopkins Clark, Geo. M. Lovejoy, Edward M. Day, Sylvester C. Dunham, John M. Holcombe, Robert J. Allyn.

FIELD MEN AND TERRITORY COVERED: Special jurisdiction of home office, New England, Middle and Southwestern States. Special agents: Ben I. Simpson, Atlanta, Ga.; J. M. Carothers, Syracuse, N. Y.; Frederick B. Luce, special agent, Boston, Mass.; W. H. Hilling, Boston, Mass.; Harold Heskins and H. B. Woolman, Philadelphia, Pa.; Harold E. Griswold, N. Y. Cy.; for N. J.: H. I. Carothers, Syracuse, N. Y.; F. C. Burrill, Portland, Me.; Clarence H. Senter, Hartford, Conn.; J. M. Robertson, Augusta, Ga.; J. W. Friend, Jr., Petersburg, Va.; E. B. Keeling, Dallas, Tex.; Geo. H. Hartwell, San Antonio, Tex.; A. K. Black, Jr., Pittsburg, Pa.; J. L. Price, New Orleans, La.; F. C. Hatfield, Little Rock, Ark.; western department—head office, Hartford, Conn.; H. H. Headford, general adjuster, 2133 Insurance Exchange, Chicago, Ill.; G. M. Winwood, adjuster, Springfield, O.; M. F. Grim, special agent, Columbus, O.; B. F. Weitsel, special agent, Louisville, Ky.; W. M. Shaw, special agent, Indianapolis, Ind.; W. H. Young, State agent, Kansas Cy., Mo.; Roy E. Eblen, State agent, St. Louis, Mo.; Urban M. Lette, special agent, St. Louis, Mo.; John F. Dale, State agent, Omaha, Neb.; S. Herdgen, State agent, Milwaukee, Wis.; M. A. Freedy, special agent, Milwaukee, Wis.; Byron C. Cowles, State agent, Minneapolis, Minn.; Jas. J. Cane, State agent, Fargo, N. D.; R. C. Hoosier, State agent, Chicago, Ill.; C. A. Snow, general inspector, Chicago, Ill.; C. H. Luce, State agent, Detroit, and D. H. Luce, special agent, Lansing, Mich.; Geo. W. Holton, State agent, Des Moines, Ia.; H. M. Simon and W. H. Schlabach, special agents, Oklahoma Cy., Okla.; Geo. H. Tyson, San Francisco, Cal., general agent for Pacific department; Herbert Folger, assistant general agent; Harry Benner and C. Conly, San Francisco, Cal., superintendents of agents; J. B. Hatcher, H. L. Cope and Douglas Parker, San Francisco, special agents; E. F. Hewitt, Sacramento, special agent for northern Cal. and Nev.; F. G. Ainley and Earl Holland, special agents, Los Angeles, for southern Cal. and Ariz.; A. M. Peckham, Portland, Ore., special agent for Ore.; F. O. Vincent, Spokane, Wash., eastern Wash. and northern Ida.; W. T. Burwell, Seattle, Wash., for western Wash. and B. C.; A. D. Ferris, Salt Lake City, for Utah, southern Ida., Mont., and eastern Ore. The company operates in Canada and in all the States and Territories.

PIEDMONT FIRE INSURANCE COMPANY, Charlotte, N. C.

President, Henry M. McAden; Secretary, A. L. Smith; Manager, E. H. Chisholm. Organized, 1895.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$421,795	\$107,564	\$209,054	\$101,543	\$131,910	\$58,740	\$10,000	\$36,668	\$105,408	\$47,631
1913	396,394	107,730	183,265	120,912	152,381	71,709	10,000	41,576	123,085	71,709
1912	348,997	93,281	168,423	106,989	135,131	55,214	8,000	37,534	101,898	62,561
1911	331,914	79,630	146,247	95,508	119,681	43,333	8,000	32,559	83,932	43,474
1910	296,126	72,883	116,438	89,273	109,465	50,494	6,000	32,176	88,670	42,054

Assets, Dec. 31, 1914.

Real estate.....	\$75,000
Mortgage loans.....	307,525
Cash.....	18,423
Agents' balances.....	20,845
Other assets.....	2

Total assets..... \$421,795

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$4,877
Unearned premiums.....	107,864
Total liabilities.....	\$112,741
Capital paid up.....	100,000
Net surplus.....	209,054

Total..... \$421,795

RISKS AND PREMIUMS: Fire risks in force, Dec. 31, \$1,566,364; premiums thereon, \$199,331.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,390,422; losses paid, \$751,163; dividends declared, cash, \$70,500.

MORTGAGE LOANS: There are 103 loans aggregating \$307,525 on property valued at \$1,443,600.

MISCELLANEOUS: Capital increased in 1896 from \$30,000 to \$32,000; in 1897, to \$34,445; in 1899 to \$50,000 and in 1909 to \$100,000. Confingration losses: Baltimore, 1904, \$12,000.

DIRECTORS: J. T. Anthony, C. Valner, Henry M. McAden, A. L. Smith, W. H. Belt, B. D. Heath, Eugene H. Chisholm.

FIELD MEN AND TERRITORY COVERED: Vernon G. Weaver, special agent. The company operates in N. C.

PISCATAQUA FIRE INSURANCE COMPANY, Portsmouth, N. H.

President, Calvin Page; Secretary, Alfred F. Howard. Organized, 1907.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$38,397	\$9,659	\$17,842	\$8,900	\$10,330	\$5,617	\$1,000	\$2,405	\$9,022	\$5,904
1913	37,011	9,598	16,771	9,724	11,103	3,786	1,000	2,585	7,371	2,989
1912	32,900	8,777	12,629	8,511	9,619	2,771	1,000	2,325	6,096	4,099
1911	29,286	9,038	10,204	8,723	9,990	5,922	1,000	2,539	9,361	5,723
1910	28,792	8,174	9,853	8,648	9,741	3,300	1,000	2,311	6,611	3,564

Assets, Dec. 31, 1914.

Bonds and stocks.....	\$32,406
Cash.....	5,207
Agents' balances.....	478
Interest and rents.....	306

Total assets..... \$38,397

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$894
Unearned premiums.....	9,659
Other liabilities.....	12
Total liabilities.....	\$10,555
Capital paid up.....	10,000
Net surplus.....	17,842

Total..... \$38,397

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,018,087; premiums thereon, \$18,270.

BUSINESS SINCE ORGANIZATION: Premiums received, \$99,500; losses paid, \$29,786; dividends declared, cash, \$7,000.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
Allegheny Co., Pa., co. rds.....	\$10,000	\$10,151
Bay State St. Ry., ser. c. n.....	7,000	7,000
No. Pac. & Gt. No. Ry., joint, 4%.....	2,000	1,974
Tacoma, Wash, 6%.....	2,000	2,030
N. H. Nat. Bk., stk.....	5,000	11,250

Totals..... \$26,000 \$32,405

MISCELLANEOUS: Company operates only in N. H.

DIRECTORS: Calvin Page, Fred H. Ward, Thos. Entwistle, Wm. C. Walton, Alfred F. Howard, John W. Emery, Alva W. Sulloway, Parker W. Whittemore, Morris C. Foye, Joseph O. Hobbs, Wallace D. Smith, John H. Bartlett, Albert Wallace.

PITTSBURGH FIRE INSURANCE COMPANY, Pittsburg, Pa.

President, R. J. Wilson; Vice-President, D. C. Shaw; Assistant Secretary, W. J. R. Magill. Organized, 1851.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$514,752	\$170,732	\$108,833	\$188,282	\$214,969	\$110,571	\$16,000	\$89,734	\$216,305	\$123,355
1913	515,557	176,566	118,622	193,439	219,419	127,377	32,000	102,469	261,846	114,993
1912	561,940	194,884	126,036	242,811	274,303	128,698	32,000	117,730	278,428	137,181
1911	580,649	167,155	176,397	219,649	244,673	99,753	30,720	105,034	235,507	95,992
1910	551,794	129,949	200,356	164,587	1238,918	72,928	16,000	77,338	186,266	68,566

† Includes \$50,000 surplus paid in.

Assets, Dec. 31, 1914.

Real estate.....	\$110,700
Mortgage loans.....	321,100
Stocks.....	5,190
Collateral loans.....	2,275
Cash.....	32,172
Agents' balances.....	34,490
Interest and rents.....	8,725
Other assets.....	100

Total assets..... \$514,752

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$30,050
Unearned premiums.....	170,732
Other liabilities.....	5,137
Total liabilities.....	\$205,919
Capital paid up.....	200,000
Net surplus.....	108,833

Total..... \$514,752

Underwriting loss, \$16,421; investment profit, \$22,632.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,965,025; premiums thereon, \$350,055.

BUSINESS SINCE ORGANIZATION: Premiums received, \$7,732,219; losses paid, \$1,792,876; dividends declared, cash, \$644,042.

REAL ESTATE OWNED: Consists of 10 dwelling properties situated in Pittsburg.

MORTGAGE LOANS: These aggregate \$321,100 and are protected by improved real estate in and near Pittsburg, valued at \$600,960. There was \$3,462 of interest past due on December 31, last. The company holds \$306,660 of fire insurance on mortgaged premises.

COLLATERAL LOANS are as follows:

	Market Value.	Amount Loaned.
Union, stk.....	\$5,000	\$2,025
German Amer. Ins., stk.....	1,800	250

Totals..... \$6,800 \$2,275

STOCKS OWNED:

	Par Value.	Market Value.
West. Nat. Bk. (Nat. Bk. of W. Pa., Pbg.).....	\$3,800	\$4,940
West. Ad. & Insp.....	100	200
Gn. Ad. Bureau.....	50	50

Totals..... \$3,950 \$5,190

MISCELLANEOUS: Capital increased in 1910 from \$100,000 to \$200,000 and \$50,000 added to surplus.

DIRECTORS: R. J. Wilson, D. C. Shaw, Robert S. Smith, Theodore G. Daub, Alexander M. Scott, John R. Voskamp, F. J. Close, Chas. Eberle, R. B. Carson, A. C. Shaw, J. Frank Murphy.

FIELD MEN AND TERRITORY COVERED: Herrick & Auerbach, 189 La Salle st., Chicago, general agents for Ill., Mich. and Wis.; Frank C. Sturtevant, Philadelphia, Pa., general agent for N. Y. and N. J.; The company operates in Colo., Ill., Mass., Mich., N. J., N. Y., O., Pa. and Wm.

PORTSMOUTH FIRE ASSOCIATION, Portsmouth, N. H.

President, Calvin Page; Secretary, A. F. Howard. Organized, 1887.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$172,818	\$21,041	\$100,472	\$16,425	\$23,535	\$9,796	\$5,000	\$6,446	\$21,242	\$10,351
1913	171,746	21,616	99,390	18,166	25,077	6,952	5,000	7,149	19,101	3,799
1912	160,597	21,026	87,767	16,828	23,618	6,376	5,000	6,681	18,057	8,116
1911	157,740	21,227	86,451	17,124	24,868	9,217	5,000	7,038	21,255	8,917
1910	155,555	20,874	81,818	16,839	23,329	10,642	5,000	7,430	23,072	8,515

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans	\$2,500	Losses unpaid	\$1,205
Bonds and stocks	151,736	Unearned premiums	21,041
Cash	15,836	Other liabilities	100
Agents' balances	1,929	Total liabilities	\$22,346
Interest and rents	817	Capital paid up	50,000
		Net surplus	100,472
Total assets	\$172,818	Total	\$172,818

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,579,432; premiums thereon, \$41,225.

BUSINESS SINCE ORGANIZATION: Premiums received, \$466,950; losses paid, \$233,463; dividends declared, cash, \$88,000.

MORTGAGE LOANS: There is 1 loan for \$2,500 on land and buildings in Benton Co., Minn. The property is valued at \$6,000. No interest past due.

BONDS AND STOCKS OWNED:		Market Value.
Bonds.		
Berlin, N. H., 4½%		\$4,071
Boston, Mass., 3½%		3,041
Boston Elevated Ry., 5%		10,151
Boston & Lowell R. R., 4%		4,017
Boston & Maine R. R., 3½%		10,000
Boston & Maine R. R., 4½%		5,161
Columbia Co., Wash., 4½%		1,002
Concord, N. H., 3½%		5,061
Concord, N. H., 4%		1,015

BONDS AND STOCKS OWNED.—Cont.		Market Value.
Bonds.—Cont.		
Concord & Montreal R. R., 3½%		\$5,000
Concord & Montreal R. R., 4%		3,141
Evansville Electric Ry., 4%		4,964
Gorham, N. H., 4%		3,064
Hillsboro County, N. H., 4%		6,172
Liebon, N. H., 3½%		5,000
Malden, Mass., 4%		10,736
Massachusetts, 3½%		2,200
Newton, Mass., 4%		11,428
Old Colony Street Ry., 4%		4,538
Pacific Telephone & Tele., 5%		4,918
Pennsylvania R. R., 4%		5,047
Pittsfield, N. H., 4%		1,506
Portland, Me., 3½%		2,000
Portsmouth, N. H., 4%		1,511
Tacoma, Wash., 5%		5,069
Xenia, Ohio, wat. wks., 5%		2,009
Stocks.		
Concord & Montreal R. R.		7,668
U. S. Steel Co., p.		11,000
New Hampshire National Bank		11,250
Total		\$151,736

MISCELLANEOUS: Company operates only in N. H.

DIRECTORS: Calvin Page, Albert Wallace, Joseph O. Hobbs, Alfred F. Howard, John W. Emery, Wm. C. Walton.

THE POTOMAC INSURANCE COMPANY OF THE DISTRICT OF COLUMBIA, Washington, D. C.

President, George W. White; Vice-President and Manager, Thomas C. Moore; Secretary, A. K. Phillips. Chartered by special act of U. S. Congress, 1831.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$350,813	\$38,831	\$101,749	\$46,832	\$66,885	\$16,044		\$37,528	\$53,572	\$16,711
1913	330,431	21,615	100,890	42,166	96,314	82,887		137,319	220,206	28,111
1912	366,906	84,291	20,233	214,566	231,483	153,344	\$12,000	86,944	262,288	184,841
1911	389,668	135,041	27,658	226,386	250,065	97,402	12,000	109,388	218,790	109,388
1910	372,569	46,823	72,057	151,680	182,764	91,315	6,000	54,699	152,014	93,511

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$36,875	Losses unpaid	\$7,211
Mortgage loans	200,750	Unearned premiums	38,831
Bonds and stocks	85,440	Other liabilities	3,322
Cash	14,337	Total liabilities	\$49,064
Agents' balances	10,274	Capital paid up	200,000
Interest and rents	2,381	Net surplus	101,749
Other assets, net	756		
Total assets	\$350,813	Total	\$350,813

Underwriting loss, \$21,713; investment profit, \$13,222.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$14,853,687; premiums thereon, \$74,200.

REAL ESTATE OWNED: Consists of property valued at \$36,875, situated in Washington, D. C., the largest of which is a brick bldg. valued at \$29,000. Total rents received in 1914, \$1,959; taxes and expenses, \$751.

MORTGAGE LOANS: There are 56 loans, aggregating \$200,750, on properties situated in District of Columbia, valued at at least 80 per cent more than the amount loaned thereon. No interest past due. Company holds \$280,080 of fire insurance on the buildings.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Brunswick & Western R. R., 4%		\$5,000	\$4,700
Virginia Midland Ry., 5%		5,000	5,200
A., T. & S. Fe Ry., 1917, 5%		1,000	1,060

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Interb. R. T., 1906, 5%		\$10,000	\$9,900
N. P., G. N., C. B. & Q., 1921, 4%		5,000	4,800
Seaboard Air Line, 1909, 4%		7,000	5,100
Va. Ry. & Pow., 1934, 5%		5,000	4,400
Va. Ry., 1902, 5%		5,000	4,400
New York Central ex. tr., 4½%		5,000	4,900
Wash. Ry. & El., 4%		5,000	4,100
Potomac El. Power Co., 5%		8,000	8,100
Stocks.			
Farmers & Mechanics Nat. Bk., Wash.		11,000	27,100
Wash. Safe Deposit, Wash.		1,000	
Totals (book value, \$66,884)		\$73,000	\$85,500

MISCELLANEOUS: Capital increased in 1899 from \$75, to \$200,000. Conflagration loss: Baltimore, 1904, \$241,893. E. in 1913 the company reinsured all of its outside business and continued business. \$89,120 voluntarily contributed to surplus 1913, and \$10,250 in 1914.

DIRECTORS: Chas. W. Fairfax, George Howard, Chas. Howe, Jesse L. Heintzel, Chas. E. Hood, R. E. Fairbro, Geo. White, Alex K. Phillips, W. E. Wilcox, Claude Norrie Miller, Norrie Miller, Thomas C. Moore.

TERRITORY COVERED: F. J. King, special agent for W. Va. The company is licensed in D. C., Ill., Mass., N. J., N. O., Pa. and W. Va.

PROVIDENCE WASHINGTON INSURANCE COMPANY, Providence, R. I.

President, J. B. Branch; Vice-President, C. D. Dunlop; Secretary, A. G. Beals; Marine Secretary, G. C. House; Treasurer, George E. Bizby; Assistant Secretary, W. H. Phillips. Incorporated, 1799.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$5,183,653	\$2,535,954	\$866,232	\$3,689,155	\$3,930,380	\$2,255,898	\$100,000	\$1,275,143	\$3,631,041	\$2,569,115
1913	4,928,081	2,450,614	1,009,216	3,603,671	3,813,032	2,096,901	100,000	1,217,886	3,414,787	2,096,438
1912	4,778,901	2,302,819	1,049,059	3,261,916	3,530,000	1,860,814	75,000	1,163,989	3,099,803	1,920,360
1911	4,142,912	2,206,406	859,456	3,029,531	3,256,223	1,864,937	75,000	1,078,303	3,018,240	1,825,023
1910	3,693,126	2,118,425	737,673	8,005,329	3,129,011	1,691,968	50,000	1,071,768	2,813,736	1,686,764

* Includes \$1,223,657 marine premiums and \$752,279 marine losses.

† Rhode Island standard.

‡ Transacts both fire and marine business.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Loans on 52 Cash-secured Policy, N.Y.	\$65,000	Losses unpaid	\$714,467
Bonds and stocks	3,789,806	Unearned premiums	2,535,954
Cash	623,425	Other liabilities	67,000
Agents' balances	984,701	Total liabilities	\$3,317,421
R.I. receivable	17,733	Capital paid up	1,000,000
Interest	12,990	Net surplus	866,232
Total	5,183,653		
Less excess ap. dep.	9,802		
Total assets	\$5,183,653	Total	\$5,183,653

Underwriting loss, \$227,076; investment profit, \$203,893.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$63,70,004; premiums thereon, \$4,248,414; marine and inland risks in force, \$37,821,978; premiums thereon, \$627,867.

BUSINESS SINCE ORGANIZATION: Premiums received, \$7,175,195; losses paid, \$45,844,192; dividends declared, cash, \$1,065,083.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Abbeys N.M. sec. 1943, 5%.....	\$10,000	\$10,300
Boston, Mass., 1923, 3½%.....	50,000	47,000
Pt. Wayne, Ind. wk. r., 1919, 3½%.....	25,000	24,500
Indiana, pt. imp., 1927, 4%.....	25,000	24,500
Mass. St. Met. wk. l., 1938, 3½%.....	83,000	78,360
Mass. St. pt. 1923, 3½%.....	5,000	4,800
Mass. State, 1926, 3½%.....	25,000	23,250
Mont. Gas, Prot. sec., 1942, 4%.....	75,000	67,500
N.Y. Cy. op. st. k., 1937, 4½%.....	60,000	63,500
N.Y. Cy. rev. b., 1917, 6%.....	50,000	52,000
Providence, R. I., sec., 1922, 4%.....	25,000	24,750
Pawtucket, R. I., sec., 1929, 4%.....	40,000	39,200
Prov. R. I. pub. imp., 1929, 3%.....	50,000	44,500
Prov. R. I. ex. l., 1944, 4%.....	50,000	50,000
Richmond, City of, 1943-41, 4%.....	50,000	46,010
R. I. Met. Pk. L., 1938, 3½%.....	100,000	90,000
Savannah, Ga. f. g., 1950, 4½%.....	10,000	10,200
S. & Prov. R.R., ex. p., 1918, 4%.....	100,000	96,000
San So Ry. sec. gr., 1902, 5%.....	25,000	26,500
S. S. & Mich. So. Ry., 1928, 4%.....	17,000	15,980
S. S. & Mich. So. Ry., 1915, 5%.....	50,000	50,000
S. Val. Ry. 1 m., 1940, 4½%.....	15,000	15,150
N.Y.C. & H.R.R.R. L.S. col., 1908, 3½%.....	25,000	19,500
N.Y.C. & H.R.R.R., B. & A. eq. tr., 1926, 4%.....	25,000	24,750
N.P. & C.N.J.B., C.B. & Q. col., 1921, 4%.....	50,000	48,500
Farmers L. & T. com., 1951, 4%.....	20,000	6,000
Am. Tl. & T. col. tr., 1929, 4%.....	25,000	22,250
B. T. Buff. N.Y., 1 m., 1948, 5%.....	20,000	20,200
C. & N. Ave. R.R. N.Y., 1 m., 1903, 5%.....	10,000	10,000
E.O.G. Cleve. O. a. f., 1939, 5%.....	25,000	24,500
Gen. El. d., 1932, 5%.....	25,000	26,500
Gen. Ry. & El. 1 m. a. f., 1932, 5%.....	25,000	25,250
Ill. Steel Co. d., 1940, 4½%.....	100,000	87,000
Mass. Gas, 1929, 4½%.....	25,000	24,000
Mass. Gas, 1934, 5%.....	25,000	25,000
Mont. Trans. & P. col. tr., 1915, 6%.....	25,000	25,000
M. B. 1956, 4%.....	25,000	21,000
Narr. El. L. ex. d. col., 1916, 4%.....	8,900	13,884
New E. Tl. & T., 1932, 5%.....	50,000	50,500
N.Y.C. & El. L. H. & Pow., 1949, 4%.....	26,000	21,750
N.Y. Tl. 1 & gn. m. a. f. b., 1939, 4½%.....	25,000	24,500
Portland Ry., 1 & r. m. a. f., 1930, 5%.....	25,000	25,250
St. P. Gas L. & gn. m. a. f. b., 1944, 5%.....	25,000	23,250
Cher. El. H. m. l. m., 1939, 5%.....	25,000	25,550
Detroit Edison, 1 m., 1933, 5%.....	25,000	25,750
La. El. N. J., 1 m., 1949, 4%.....	25,000	20,250

BONDS AND STOCKS OWNED—Cont.

Bonds—Cont.	Par Value.	Market Value.
Un. El. L. & Pow., Bal., 1 m., 1929, 4½%.....	\$20,000	\$18,600
Un. T. & El., Prov., 1 m., 1933, 5%.....	25,000	25,000

STOCKS.

Balto. & O. R.R., com.....	4,500	4,005
B. & O. R.R., p.....	2,400	1,944
Chi. & N. Wn. Ry., com.....	72,500	96,425
Chi. & N. Wn. Ry., p.....	40,000	70,800
Clev., Cin., Chi. & St. L. R.R., com.....	8,800	2,640
Clev., Cin., Chi. & St. L. R.R., p.....	20,000	10,000
Gt. No. Ry., p.....	66,000	81,540
Leh. Val. Ry.....	10,000	13,900
Manhattan Ry.....	20,000	26,600
Newport & Fall Riv. St. Ry., gr.....	20,000	22,000
No. Pac. Ry.....	60,000	66,600
Old Colony R.R.....	21,000	31,500
Pa. R.R.....	75,750	84,082
Pitts., Ft. W. & Chi. Ry., gr.....	30,000	49,200
So. Pac.....	5,400	5,184
Un. Pac. R.R., com.....	20,000	25,600
Bk. of Amer., N. Y.....	10,000	56,000
Bk. of Mont., Mont.....	10,000	24,000
Blackstone Canal Nat. Bk., Prov.....	55,000	81,400
Central Tr., N. Y.....	10,000	102,400
1st Nat. Bk. N. Y.....	10,000	89,400
Gr. Tr., N. Y.....	5,000	27,500
Industrial Tr., Prov.....	47,700	113,049
Nat. Bk. of Com., N. Y.....	37,500	63,000
Nat. Pk. Bk., N. Y.....	60,000	183,500
U. S. Tr., N. Y.....	10,000	109,000
Gen. Adj. Bur.....	400	400
Gen. El.....	80,000	120,000
Gen. Fire Ext., d.....	22,300	28,990
Lawyers M., N. Y.....	20,000	38,000
Leh. Val. Com. Sales.....	1,250	2,188
Narragansett El. L., Prov.....	53,250	90,696
Pac. Coast Salvage Assn.....	250	250
Pawtucket Gas, p.....	20,000	17,600
Prov. Gas.....	45,500	89,180
Prov. Tl.....	50,000	100,000
Pullman.....	50,000	77,600
So. Adj. Bur.....	300	300
Underwriters Salv., N. Y.....	500	750
Underwriters Salv., Chi.....	1,000	1,000
U. S. Steel Cp., p.....	80,000	55,000
What Cheer Cp.....	150,000	150,000

Totals (book value, \$3,925,300)..... \$2,925,300 \$3,789,606

MISCELLANEOUS: In 1871 received for "call on capital, \$60,000; 1875 capital increased from \$200,000 to \$400,000; in 1898 from \$400,000 to \$500,000; capital increased in 1911 to \$750,000, and in 1912 to \$1,000,000. Confiscation losses: Chicago, 1871, \$383,142; Boston, 1872, \$101,579; Baltimore, 1904, \$148,610; San Francisco, 1906, \$794,244. Value of special deposit in Ga., \$10,200; N. M., \$10,300; Va., \$46,510; Can., \$25,480.

DIRECTORS: F. W. Carpenter, Eugene W. Mason, J. B. Branch, C. D. Dunlop, A. H. Tillinghast, C. Prescott Knight, Jesse H. Metcalf, Robert W. Taft, William Gammell, Jr.

FIELD MEN AND TERRITORY COVERED: Special agents: A. B. Fowler, Boston, Mass., for Me., N. H. and E. Mass.; J. W. DeWolf, Providence, R. I., for Vt., W. Mass., R. I. and Conn.; W. E. Maynard, Utica, N. Y., for N. Y. State (outside Metropolitan district and L. I.); Louis H. F. Peck, N.Y., for N. J. and suburban N. Y.; W. V. A. Keeler, Philadelphia, Pa., for E. Pa., Del., D. C. and E. Md.; W. Rhodes Budlong, Pittsburg, Pa., for W. Pa., W. Va. and W. Md.; W. O. Van der Voort, Collierville, Tenn., for Ark. and Tenn. Western department: Chicago, Ill., S. T. Collins, manager; C. E. Clutia, assistant manager; special

PROVIDENCE WASHINGTON INSURANCE COMPANY, Providence, R. I.—Cont'd.

agents: F. W. Ransom, Columbus, O.; O. E. Green, Indianapolis, Ind.; John R. Brown, Milwaukee, Wis.; A. J. Meyer, Chicago, Ill.; A. S. da Silva, Detroit, Mich.; Chas. F. Butts, Minneapolis, Minn.; Gus M. Wise, Kansas, City, Mo.; C. D. Cobb & Co., Denver, Col., general agents for Col., Wyo. and N. M.; Pacific department: Curtis and Gordon, managers, San Francisco, Cal.; E. C. Morgan, Portland, Ore., L. L. Gibson, Los Angeles, special agent for Southern Cal. and Ariz., and C. L. Greenwalt, San Francisco, Cal., special agent for Northern Cal., Nev., Utah and Mont. Southern department: J. D. Kitchen & Bro.,

general agents, New Orleans, La.; special agents, Chas. H. Stutz, Ft. Worth, Tex., F. E. Wille, Ft. Worth, Tex., for Tex.; E. A. Rachal, New Orleans, La. Southeastern department: Atlanta, Ga., Jerome and Brown, managers, special agents, Geo. W. Gant, Jr., Macon, Ga., J. W. Cowan, Charlotte, N. C., J. Hunter White, Richmond, Va.; special agents, Florida department: J. H. Norton, general agent; Louis Z. Bays, assistant general agent; Thames & Batre, Mobile, Ala., general agents for Ala. The company operates in all the States and Territories excepting C. Z. Okla., P. I. and P. R.

PRUDENTIAL FIRE INSURANCE COMPANY, Manchester, N. H.

President, Joseph Quirin; Secretary, A. L. Gadbois. Organized, 1903.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$143,579	\$19,339	\$17,468	\$23,831	\$31,009	\$31,130	\$7,500	\$13,988	\$52,618	\$34,009
1913	165,442	28,940	32,709	36,226	43,680	26,770	7,500	16,458	50,748	24,453
1912	174,614	25,135	43,299	32,877	39,315	9,274	4,875	17,528	31,777	14,438
1911	166,493	15,344	48,106	17,888	142,680	8,118	3,750	9,515	21,383	7,156
1910	111,935	12,728	30,040	16,102	128,742	2,567	1,750	6,554	10,871	3,948

‡ Includes \$7,500 surplus paid in in 1910, and \$17,500 in 1911.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans....	\$91,349	Losses unpaid.....	\$6,772
Bonds and stocks....	41,600	Unearned prems.....	19,339
Cash.....	3,926		
Agents' balances....	4,175	Total liabilities....	\$26,111
Interest and rents....	1,746	Capital paid up.....	100,000
Other assets.....	783	Net surplus.....	17,468
Total assets.....	\$143,579	Total.....	\$143,579

MORTGAGE LOANS: There are 28 loans, aggregating \$91,349, secured by land and buildings in Manchester, N. H., valued at \$189,250. No interest past due on December 31, last. The company holds \$109,550 of insurance on the buildings.

BONDS AND STOCKS OWNED: These items consist mostly of first class railroad bonds together with industrial and municipal bonds and some electric railroad stock aggregating \$41,600 market value.

MISCELLANEOUS: Company commenced business with a paid-up capital of \$25,000 and an initial surplus of \$10,000. Capital increased in 1909 to \$50,000 and \$12,500 additional surplus paid in, and in 1910 to \$65,000 and \$7,500 additional surplus paid in. Capital increased in 1911 to \$100,000 and \$17,500 added to surplus. Company operates in N. H.

DIRECTORS: Joseph Quirin, H. Pariseau, Edmond Finard, A. L. Gadbois, Theophile J. Labresque, John H. Rainville, J. A. Guay, L. P. La Bonte, J. E. Laroche, Thos. Morin, Eugene Quira, Alb. J. Precourt, S. J. Lafamme, Emery Lapierre, Wm. Marcotte.

QUEEN INSURANCE COMPANY OF AMERICA, New York, N. Y.‡

President, E. F. Beddall; Vice-President, G. W. Burchell; Secretary, Nevett S. Bartow. Organized, 1891.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$10,187,080	\$4,563,670	\$4,021,442	\$5,065,279	\$5,467,062	\$3,033,653	\$300,000	\$1,943,789	\$5,277,442	\$3,021,496
1913	9,980,013	4,500,644	3,939,008	4,968,750	5,245,439	2,728,347	300,000	1,906,635	4,933,982	2,651,684
1912	9,994,450	4,382,873	3,961,146	5,009,026	5,288,738	2,609,751	300,000	1,906,277	4,816,028	2,567,517
1911	9,558,098	4,206,619	3,738,798	4,774,855	5,098,145	2,496,202	300,000	1,762,302	4,558,504	2,396,657
1910	9,025,889	4,009,955	3,389,125	4,631,527	4,948,129	2,338,969	300,000	1,708,792	4,347,761	2,335,339

* Includes \$706,699 marine premiums and \$362,276 marine losses.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans....	\$63,000	Losses unpaid.....	\$453,580
Bonds and stocks....	8,885,890	Unearned prems.....	4,563,670
Cash.....	496,066	Other liabilities.....	148,358
Agents' balances....	763,749	Total liabilities....	\$5,165,598
Interest.....	94,234	Capital paid up.....	1,000,000
Other assets.....	4,193	Net surplus.....	4,021,442
Total.....	10,306,132		
Spl. dep. over liab..	119,102		
Total assets.....	\$10,187,080	Total.....	\$10,187,080

Underwriting loss, \$30,104; investment profit, \$531,640.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$777,778,900; premiums thereon, \$8,319,604; marine and inland risks in force, \$24,763,406; premiums thereon, \$580,538.

BUSINESS SINCE ORGANIZATION: Premiums received, \$76,728,010; losses paid, \$40,532,352; dividends declared, cash, \$3,000,000; stock, \$600,000.

MORTGAGE LOANS: There are three loans aggregating \$63,000, which are protected by properties valued at \$100,500, and the company holds \$75,000 insurance on the buildings. The loans are as follows: \$29,000 each on 408 and 410 W. 118th st., N. Y. (valued each at \$44,500); and \$5,000 on 1418 Pacific st., Brooklyn (valued at \$11,500).

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
U. S. Govt., 1930, 2%.....		\$10,000	\$9,900
Balto., reg. wat. l., 1958, 4%.....		25,000	24,500
Bklyn. Gravesend Imp., g., 1934, 3½%.....		75,000	68,350
Bklyn. cs. g., 1936-37, 3½%.....		445,000	400,500
Bklyn. Mem. Mon., g., 1927, 3½%.....		5,000	4,650
Cal., 1937, 4%.....		25,000	24,250
Ga., 1918, 3½%.....		10,000	9,900
Halifax, N. S., 5%.....		60,000	67,200
Montreal, Can., d., 1942, 8½%.....		34,086	28,273
Montreal, Can. s. f. g., 1942, 4%.....		70,000	65,100
Montreal Harbor, d., 1924, 4%.....		10,000	9,500
Massachusetts, g., 1940, 3½%.....		100,000	92,000
N. Y. State Can. imp. l. g., 1909-57, 8%.....		270,000	267,306
N. Y. State can. imp. l. g., 1961, 4%.....		15,000	15,300
N. Y. State hwy. imp., 1956, 3%.....		35,000	34,650
N. Y. State hwy. imp., 1963, 4½%.....		100,000	110,000
N. Y. City cs. g., 1925, 3%.....		25,000	22,500
N. Y. City cs. g., 1927-34, 3½%.....		1,014,000	912,866
Ottawa, Can., sr., 1928, 3½%.....		30,000	26,400
Portland, Ore., wat. l., 1923, 5%.....		50,000	52,500
Richmond, Va., 1920-43, 4%.....		52,000	49,360
St. Henri, Mont. sc. d., 1949, 4½%.....		32,000	30,080
Toronto cs. l. d., 1929, 3½%.....		48,666	42,850
Toronto d., 1948, 4%.....		35,040	31,190
Victoria, B. C., l. imp. d., 1918, 4%.....		20,000	19,400

‡Transacts both fire and marine business.

BONDS AND STOCKS OWNED.—*Cont.*

Market

Totals (book values, \$9,321,459).....	\$8,524,714	\$8,885,890
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DIRECTORS: James Stillman, William A. Nash, Henry Hents, David Bingham, Edwin S. Marston, Jas. A. Macdonald, Samuel Sloan, Edward F. Beddall, George W. Burchell, Nevett S. Bartow, Peter D. McGregor. C. O'D. Iselin.

FIELD MEN AND TERRITORY COVERED: P. D. McGregor, manager, and A. R. Monroe, assistant manager, 160 W. Jackson Blvd., Chicago, Ill.; Fred W. Stone, Delevan, Ill., State agent for Ill.; R. F. Mebury, Detroit, Mich., State agent, and O. D. Wiche, Grand Rapids, Mich., special agent for Mich.; Earl W. Thomas, St. Louis, Mo., State agent and A. C. Wallace, Kan. City, Mo., special agent for Mo.; E. S. Plummer, St. Louis, Mo., special agent for Mo.; Cyrus Woodbury, Columbus, O., State agent, and E. M. Braddock, New Lexington, O., special agent for O.; John Fitzgerald, Indianapolis, Ind., special agent for Ind.; J. D. Carpenter, Des Moines, Ia., special agent for Ia.; A. Baude, Kansas City, Mo., special agent for Kan.; L. F. Daniel, Minneapolis, Minn., special agent for Minn.; H. H. Miller, Omaha, Neb., special agent for Neb.; E. W. Pepper, Aberdeen, S. D., special agent for N. D. and S.D.; E. E. Olinger, Oklahoma City, Okla., special agent for Okla.; C. P. Hellivell, Milwaukee, Wis., special agent for Wis.; R. De Clercq, Chicago, Ill., special agent, and M. G. Kabatich, Chicago, Ill., inspector for Cook Co.; J. P.

QUEEN INSURANCE COMPANY OF AMERICA, New York, N. Y.—Continued.

Hutchinson, Chicago, Ill., city manager for Chicago, Ill.; S. Y. Tupper, Atlanta, manager; Frank D. Holland, assistant manager, S. Y. Tupper, Jr., 2nd asst. mgr., Central and Southern department; E. C. Harrison, special agent for Ga.; J. L. Edelmann, special agent for N. C. and S. C.; Will T. Sweeney, Louisville, Ky., special agent for Ky.; S. F. Nininger, special agent for Va. and W. Va.; W. M. Haynes, special agent for Ala. and Fla.; A. H. Underwood, special agent for Tenn. and Ark.; W. H. Van Wart, Dallas, Tex., special agent for northern Tex.; R. S. Rust, Jr., New Orleans, La., special agent for La. and Miss.; Rolla V. Watt, San Francisco, Cal., manager Pacific Coast department, comprising Cal., Nev., Ore., Wash., Ida., Mont., Utah, N. M., Ariz., Alas. and Hawaiian Islands; John T. Fogarty, assistant manager; F. B. Kellam, branch secretary. Special agents: H. R. Burke, Portland, Ore., for Ore. and Wash.; Matt B. Evans, Seattle, Wash., for W. Wash.; J. T. O'Brien, Spokane, Wash., for Wash., Mont. and Ida.; E. P. Eldred, Fresno, Cal. for central Cal.; J. B. Walden, San Francisco, for northern Cal. and Nev.; Roy Folger, San Francisco,

Cal., for bay counties; J. K. Urmeton and F. J. Perry, Los Angeles, for southern Cal. and Ariz.; J. H. Banks, Salt Lake City, for Utah, Ida., N. M. and Mont.; D. L. Stewart, Sacramento, Cal., for central Cal.; C. D. Gabrielson, Salem, Ore., for Ore. and Ida.; Wm. Mackay, manager, Montreal; J. H. Labelle, assistant manager, Canadian department; C. A. Evans, Halifax, resident manager for Nova Scotia and Prince Edward Island; Frank Rhind, assistant secretary, Halifax, N. S.; C. E. L. Jarvis & Sons, general agents, St. John, N. B.; R. P. Rithet & Co., Ltd., general agents, Victoria, B. C. Special agents in Metropolitan and Eastern departments reporting to head office in N. Y.: M. F. Bartlett, Me., N. H.; A. R. Ellis, Vt.; H. R. Worthley, Mass., R. I. & Arthur B. Knox, for Conn.; Francis D. Bennett, New England States automobile business; F. S. Tyler, N. Y. State, western division; R. W. Wight, N. Y. State, Eastern division; M. B. Jones, N. J.; Benjamin Bevier, Lloyd V. Watkins, Pa., Del., Md. and D. C.; H. C. West, Philadelphia, for suburban territory. The company does business in all the States of the United States and in Hawaii, India and the Dominion of Canada.

QUEEN CITY FIRE INSURANCE COMPANY, Sioux Falls, S. D.

President, P. F. Sherman; Secretary, D. P. Lemen. Organized 1905.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$254,354	\$35,514	\$9,937	\$52,588	\$79,490	\$36,726	.....	\$37,832	\$74,558	\$38,132
1913	250,435	35,495	3,176	77,132	87,551	49,401	.....	48,345	94,746	46,645
1912	249,679	35,750	6,712	59,360	71,159	21,497	.....	41,803	63,301	24,128
1911	242,730	30,382	6,309	130,179	146,084	44,197	.....	66,507	110,714	24,414
1910	301,423	60,780	4,738	85,144	109,171	98,080	.....	75,997	173,777	80,135

† Company reinsured its business in 8 States in 1911.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$55,000	Losses unpaid.....	\$7,108
Mortgage loans.....	125,988	Unearned prems.....	35,514
Bonds and stocks.....	500	Other liabilities.....	1,795
Collateral loans.....	31,250		
Cash.....	7,936	Total liabilities.....	\$44,417
Agents' balances.....	13,599	Capital paid up.....	200,000
Interest and rents.....	6,309	Net surplus.....	9,937
Other assets.....	13,792		
Total assets.....	\$254,354	Total.....	\$254,354

REAL ESTATE OWNED: Consists of 3-story and basement brick building with one story brick and steel vault, 24 x 18.

MORTGAGE LOANS: There are 23 loans aggregating \$125,988 on farm lands valued at more than double the amount loaned thereon. The company holds ample insurance on the mortgaged buildings. On December 31, last, there was no interest past due.

MISCELLANEOUS: This company commenced business in 1905 with a paid-up capital of \$300,000 and \$37,593 of surplus. Capital increased in 1906 to \$389,617; \$137,617 being paid in by stockholders. Capital reduced in 1907 to \$200,000, and \$2,638 additional surplus paid in. Configuration loss: San Francisco, 1906, \$202,464.

DIRECTORS: P. F. Sherman, George Schloesser, Eugene Saenger, C. L. Norton, Thos. H. Brown, O. S. Swenson, Theo. F. Greff.

FIELD MEN AND TERRITORY COVERED: E. A. Hoyt and W. H. Roberts, special agents for S. D., and A. T. Russell for N. D. The company operates in N. D. and S. D.

RELIANCE INSURANCE COMPANY OF PHILADELPHIA, Philadelphia, Pa.

President, Wm. Chubb; Vice-President and Secretary, Chas. J. Wister. Organized, 1841.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,539,344	\$832,483	\$175,521	\$676,694	\$737,585	\$433,153	\$24,000	\$315,304	\$772,457	\$432,851
1913	1,618,009	882,134	155,301	720,224	782,072	540,723	32,000	373,879	946,593	500,691
1912	1,733,486	1,018,080	179,034	909,032	972,130	582,587	40,000	408,201	1,030,788	590,337
1911	1,810,365	1,048,432	300,151	1,012,975	1,079,524	636,397	40,000	452,133	1,128,530	607,581
1910	1,862,901	1,018,264	283,032	1,011,283	1,124,765	500,311	38,354	443,386	982,551	518,261

Unearned premiums include amount reclaimable on perpetual policies. † Includes \$50,000 premium on stock sold.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$134,000	Losses unpaid.....	\$84,666
Mortgage loans.....	47,500	Unearned prems.....	713,813
Bonds and stocks.....	1,080,170	Perp. dep. recd.....	118,670
Cash.....	83,145	Borrowed money.....	25,000
Agents' balances.....	180,191	Other liabilities.....	21,674
Interest and rents.....	13,813		
Other assets.....	525	Total liabilities.....	\$903,823
		Capital paid up.....	400,000
		Net surplus.....	175,521
Total assets.....	\$1,539,344	Total.....	\$1,539,344

Underwriting loss, \$24,391; investment profit, \$68,611.

RISKS AND PREMIUMS: Fire risks in force (except perpetuals), December 31, \$138,545,003; premiums thereon, \$1,421,393; perpetual fire risks, \$4,915,825; deposit premiums thereon, \$130,782.

BUSINESS SINCE ORGANIZATION: Premiums received, \$15,709,692; losses paid, \$9,065,795; dividends declared, cash, \$1,399,451.

REAL ESTATE OWNED: Comprises 5 properties, the principal one being the 5-story brick and stone office building at 429 Walnut st., Philadelphia, occupied by the company, of which the book value is \$90,017, and the market valuation is \$90,000. The remainder are dwellings and a store. There are no income branches.

MORTGAGE LOANS: The 6 loans are secured by Philadelphia properties. Only 1 of the loans exceeds \$10,000; and the aggregate valuation of the mortgaged premises is \$102,000, up which the loans amount to \$47,500.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Allegheny, Pa., 1924, 4%.....		\$10,000	\$9.9
Allegheny, Pa., 1935, 4%.....		10,000	9.9
Atlantic Cy., N. J., 1944, 4½%.....		10,000	10.1
Bergen Co., N. J., co. bldg., 1920, 4½%.....		15,000	15.0
Phila., 1939, 4%.....		30,000	30.0
Phila., 1938, 4%.....		20,000	20.0
Pittsburg, Pa., 1915, 4%.....		18,000	18.0
N. Y., 1957, 4%.....		50,000	50.0
N. Y., 1954, 3½%.....		50,000	43.7

RELIANCE INSURANCE COMPANY OF PHILADELPHIA, Phila., Pa.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market	BONDS AND STOCKS OWNED.—Cont.		Par	Market
Bonds.—Cont.		Value.	Value.	Bonds.—Cont.		Value.	Value.
Wilmington, Del., 1922, 4%.....		\$10,000	\$9,800	St. P. M. & M. R. R., ca. m., 1933, 4%.....		\$15,000	\$14,700
Wilmington, Del., 1921, 4%.....		10,000	10,000	2d Ave. T., Pittsburgh, 1934, 5%.....		15,000	14,400
Allegheny Val. R. R., 1943, 4%.....		14,000	13,590	So. Pac. R. R., 1 r. m., 1935, 4%.....		15,000	13,837
Allegheny Tm. Ry., 1919, 4%.....		15,000	14,550	Union Tc., Ind., ca. m., 1919, 5%.....		5,000	4,625
A. T. & S. Pa. gn. m., 1936, 4%.....		10,000	9,562	United N. J. R. R. & C., 1923, 4%.....		5,000	4,950
Atl. C. L., 1 ca. m., 1932, 4%.....		15,000	14,082	United Tc., Pittsburgh, Pa., 1937, 5%.....		10,000	8,000
Atl. & Dan. Ry., 1 m., 1943, 4%.....		10,000	8,850	Va. Ry., 1 m. g., 1935, 5%.....		10,000	9,375
B. & O. R. R., pr. m., 1925, 3%.....		20,000	18,450	W. J. & S. R. R., 1935, 4%.....		5,000	4,850
B. & O. R. R., 1 m., 1943, 4%.....		10,000	9,337	West. N. Y. & Pa. R. R., 1937, 5%.....		10,000	9,700
B. & O. R. R. P. L. E. & W. Va., r. m., 1941, 4%.....		10,000	8,600	West. Pa. R. R., 1928, 4%.....		5,000	4,650
Cent. Ga. Ry., ca. m., 1945, 5%.....		15,000	15,637	Conn. Ry. & L., 1931, 4%.....		6,000	6,277
Cent. Pac. R. R., 1 r. m. g., 1949, 4%.....		30,000	27,000	Del. Riv. Ferry, 1921, 5%.....		20,000	20,600
Chen. & O. Ry., gn. m. r., 1932, 4%.....		10,000	9,100	Hud. Co. Gas., g., 1940, 5%.....		10,000	10,400
Chen. & O. Ry., gn. m., 1932, 4%.....		10,000	9,437	West Chester Ltg., 1950, 5%.....			
Chen. & O. Ry., 1 r. m., 1915, 4%.....		15,000	14,350	Stocks.			
C. M. & St. P. Ry., 1934, 4%.....		10,000	9,150	Gn. Adj. Bur.....		150	150
C. M. & St. P. Ry. cv., 1933, 4%.....		25,000	25,375	Reliance Insurance.....		1,350	1,620
C. C. C. & St. L. R. R., gn. m., 1935, 4%.....		15,000	11,454	Pacific Coast Adj. Bur.....		100	100
Del. & Hud. 1 & r. m., 1943, 4%.....		10,000	9,750				
Dea. & Rio G. R. R., 1 ca. m., 1935, 4%.....		10,000	7,925	Totals (book value, \$1,116,487).....		\$1,143,600	*\$1,076,370
Easton & Amboy R. R., 1 m., 1920, 5%.....		20,000	20,700	* Securities as per company's valuations; the item in assets is based on insurance department valuations.			
El. & Peoples' Tr. tr. ca. m., 1945, 4%.....		10,000	8,100	MISCELLANEOUS: Capital increased in 1910 from \$300,000 to \$400,000 and \$50,000 premium realized on new stock sold added to surplus. Configuration losses: Balto., 1904, \$141,462.			
Erie & Pittsburgh R. R., gn. m., 1940, 3%.....		10,000	8,550	DIRECTORS: T. Wister Brown, Samuel Bispham, Cornelius Stevenson, William Chubb, Edward K. Bispham, Clarence B. Collier, R. Francis Wood, John B. Morgan, Chas. J. Wister, Alex. W. Wister, John A. Richmond.			
Erie R. R., pr. m., 1938, 4%.....		15,000	12,562	FIELD MEN AND TERRITORY COVERED: Walter D. Williams, Rockford, Ill., manager Western department; E. K. Crawford, assistant manager, including Colo., Ill., Ind., Iowa, Kan., Mich., Minn., Mo., Neb., N. D., S. D. and Wis. State and special agents: E. I. Crockett, Pueblo, Colo., special agent for Colo. and Wyo.; E. A. Davis, Minneapolis, Minn., State agent for Minn., N. D. and S. D.; F. J. Dudley, Green Bay, Wis., State agent for Wis.; W. E. Griffith, Kansas City, Kan., State agent for Kan. and Mo.; E. T. Tanner, Paris, Ill., State agent for Ill.; H. M. Greenberg, Rockford, Ill., special agent for Ill.; C. A. Wehmeyer, Ann Arbor, Mich., State agent for Mich.; J. W. Shepherd, Jr., Oakland, Ill., special agent for Ill. Farm department: John F. Zimmer, State agent, Lincoln, Neb., for Neb.; E. A. Walther, special agent, Appleton, Wis., for Wis.; J. P. Wolfe, Moorhead, Minn., special agent for N. D. and S. D.; H. C. Upham, Indianapolis, Ind., State agent for Ind. Chas. T. Beesley, Des Moines, Ia., State agent for Ia.; Edwin J. Carter, Columbus, O., for O. and Ky.; Lohmeyer, Goldsmith, Patterson Co., Charleston, W. Va., general agents for W. Va.; A. J. Woodworth & Co., N. Y., State managers; Wallace Reid, manager Metropolitan District, N. Y.; Wm. W. Haig, general agent; Wm. H. Brewster, special agent for New England; H. T. Williams, special agent for Pa., N. J. and Md.; C. C. Kinney, San Francisco, Cal., manager for Pacific Coast department, including Cal., Wash., Ore., Utah, Ida. and Mont.; special agents: R. R. Weber, San Francisco; H. A. Morrison, Seattle, Wash.; J. L. M. Wagman, Spokane, Wash. The company does business in all the States of the United States except Ala., Ala., Ark., Del., D. C., Fla., Ga., Haw., La., Miss., N. H., N. M., N. C., Okla., P. I., P. R., S. C., Tenn., Tex., Vt. and Va. and in B. C.			
Ia. Cent. 1 & r., 1951, 4%.....		10,000	4,800				
J. F. & C. R. R., 1 m. g., 1936, 4%.....		20,000	18,400				
L. S. & M. So. Ry., 1925, 4%.....		15,000	14,100				
L. S. & M. So. Ry. r. m., 1931, 4%.....		25,000	23,375				
Lth. Val. R. R., ca. m., 1923, 4%.....		25,000	25,250				
Lth. Val. R. R., 1 m., 1943, 4%.....		5,000	5,000				
Lth. Val. R. R., gn. ca. m., 2003, 4%.....		15,000	13,500				
L. I. R. R., r. m., 1949, 4%.....		10,000	9,000				
Louis. & Nash. R. R., 1 m., 1919, 6%.....		2,000	2,167				
N. Y. C. & H. R. R. L. S. Col., 1935, 3%.....		5,000	3,337				
N. Y. P. & N. R. R., 1 m., 1939, 4%.....		5,000	4,800				
N. & W. Ry., dr. l. m., 1944, 4%.....		15,000	13,575				
N. & W. Ry., 1 ca. m., 1936, 4%.....		10,000	9,600				
N. Pac. Ry., gn. m., 2047, 5%.....		15,000	9,975				
N. Pa. R. R., 1934, 4%.....		5,000	4,850				
One S. L. E. R., r. 1929, 4%.....		15,000	13,725				
P. R. R., ca. m., 1919, 5%.....		4,000	4,000				
P. R. R., ca. g., 1945, 4%.....		25,000	25,081				
P. g. loan, 1916, 3%.....		13,000	12,772				
P. g., 1931, 4%.....		5,000	4,712				
P. & N. Y. Canal & R. R., 1939, 4%.....		20,000	19,600				
People's Pass. Ry., 1943, 4%.....		10,000	8,300				
P. B. & W., 1 m. g., 1943, 4%.....		15,000	14,812				
P. & E. R. R., 1920, 4%.....		25,000	27,125				
P. & E. R. R., 1920, 4%.....		5,000	4,900				
P. & E. R. R. imp. m., 1947, 4%.....		15,000	14,475				
P. & E. R. R., 1920, 4%.....		5,000	4,900				
P. & E. R. R. imp. m., 1947, 4%.....		15,000	14,475				
P. & E. R. R., 1 m. g., 1937, 4%.....		10,000	9,650				
Pub. Serv. Corp. N. J., gn. m., 1939, 5%.....		10,000	9,000				
Reading, Jersey Cent., 1951, 4%.....		10,000	9,450				
Reading and P. & R. C. & I., 1907, 4%.....		55,000	52,250				
Rich. & Wash., gr. col. tr. m., 1943, 4%.....		15,000	14,100				
St. L. I. M. & So. Ry., 1933, 4%.....		5,000	3,650				

RETAILERS FIRE INSURANCE COMPANY, Oklahoma City, Okla.

President, M. D. Scott; Secretary, Alfred Hare. Organized, 1910.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$104,029	\$15,072	\$32,163	\$29,242	\$47,997	\$242	.....	\$15,173	\$15,151	\$342
1915	73,387	6,390	16,623	12,145	17,341	477	.....	16,033	16,510	477
1916	75,089	2,199	15,729	3,572	29,868	3	.....	11,804	11,807	3
1917	54,783	622	1,732	1,027	4,340	.....	.....	4,596	4,896	.....

* Includes \$21,196 contributed to surplus.

Assets, Dec. 31, 1914. LIABILITIES, Dec. 31, 1914.

Real estate.....	\$3,906	Unearned prems.....	\$15,072
Mortgage loans.....	44,182	Maturing stock.....	5,361
Bonds and stocks.....	10,000	Other liabilities.....	633
Collateral loans.....	896		
Cash.....	20,108	Total liabilities.....	\$21,066
Agents' balances.....	10,020	Capital paid up.....	50,800
Interest and rents.....	1,028	Net surplus.....	32,163
Other assets.....	13,889		
Total assets.....	\$104,029	Total.....	\$104,029

Underwriting profit, \$4,238; investment profit, \$3,675.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,309,110; premiums thereon, \$29,844.

BUSINESS SINCE ORGANIZATION: Premiums received, \$46,293; losses paid, \$822.

MORTGAGE LOANS: There are loans for \$44,182, protected by Oklahoma farm and city property, valued at more than double the amount loaned thereon. No interest past due on December 31, last. Company holds ample insurance on the buildings.

MISCELLANEOUS: Company has no agents and pays no commissions. Business taken by application direct from insured, and by salaried solicitors.

DIRECTORS: M. D. Scott, A. M. Greiner, J. S. Peter, L. Berlowits, Sam Miller, J. W. Masters, J. W. Porter, F. E. Houghton, D. L. Lash, Alfred Hare, I. G. Kreiger.

FIELD MEN AND TERRITORY COVERED: F. C. Blakely and T. E. Howard, inspectors, Oklahoma. The company operates in Oklahoma only.

RHODE ISLAND INSURANCE COMPANY, Providence, R. I.†

President, Geo. L. Shepley; Vice-President and Secretary, Emil G. Pieper; Assistant Secretary, T. Johnson, Jr Organized, 1907.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,435,622	\$556,862	\$328,602	\$663,998	\$715,693	\$371,053	\$40,000	\$242,160	\$653,213	\$394,181
1913	1,359,103	480,281	372,480	590,740	649,063	285,938	40,000	228,244	552,182	285,339
1912	1,298,360	420,525	377,234	528,905	574,051	305,433	35,000	201,313	541,746	297,730
1911	1,174,856	371,155	402,234	482,375	531,465	245,337	30,000	161,784	437,121	260,284
1910	1,090,962	320,021	391,823	454,140	491,957	197,395	30,000	162,480	389,875	195,215

† Statement according to Rhode Island standard.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$1,146,368	Losses unpaid	\$75,427
Cash	89,062	Unearned premiums	556,862
Agents' balances	188,577	Other liabilities	74,731
Interest and rents	11,525		
Other assets	100	Total liabilities	\$707,020
		Capital paid up	400,000
		Net surplus	328,602
Total assets	\$1,435,622	Total	\$1,435,622

Underwriting loss, \$68,116; investment profit, \$64,237.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$111,667,801; premiums thereon, \$1,085,398.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,653,019; losses paid, \$1,706,490; dividends declared, cash, \$235,000.

BONDS AND STOCKS OWNED:

BONDS.	Par Value.	Market Value.
Atlanta, Ga., red., 1922, 4½%	\$10,000	\$10,000
Hamilton, Ont., d., 1916, 4%	10,000	9,800
Montreal, Can., 1939, 3½%	20,000	16,800
Montreal, Can., Prot. Bd. of Sch. Com., d., 1939, 4%	12,000	10,920
New York City, cp., 1950, 4%	200,000	198,000
New York State, canal imp., 1960, 4%	25,000	25,500
N. Y. State, h. imp., 1961-62, 4%	40,000	40,800
North Car., state big., 1951, 4%	10,000	10,000
Prov., R. I., h. l., 1930, 3%	20,000	17,800
Prov., R. I., w. r., 1930, 3%	30,000	26,700
R. I. state h. l., 1942, 4%	50,000	50,000
Richmond, Va., pub. imp., 1943, 4%	16,000	14,880
Richmond, Va., 1938, 4%	4,000	3,760
Toronto, Can., d., 1944, 3½%	27,500	22,550
Toronto, Can., 1916, 3½%	37,000	36,260
Atch. T. & S. F. Ry., cv. g., 1960, 4%	10,000	9,800
Bos. & Me., n., 1915, 6%	12,000	10,800
C. B. & Q., jr. gr. by N. P. & G. No. R. R., 1921, 4%	10,000	9,700
Denver City Tramway, 1933, 5%	62,275	61,029
L. S. & Mich. So. R. R., 1931, 4%	20,000	18,800
Maine Railways, n., 1919, 5%	8,000	7,920
Mill, Attleboro, & Woonas. St. Ry., 1919, 5%	2,000	1,960
N. Y. C. & H. R. R. R., n., 1915, 5%	10,000	10,000
No. Pac. Ry. Co., r. and imp. m., 2047, 4½%	15,000	14,400
R. I. Sub. Ry., 1 m., 1950, 4%	40,000	33,800
Amer. Tl. & Tg., cv., 1933, 4½%	50,000	49,500
Amer. Tl. & Tg., col., 1929, 4%	25,000	22,250
Crompton & Knowles Loom Wks., d., 1917-20, 6%	9,000	9,000
Detroit Cy. Gas gn. m. g., 1916, 5%	10,000	9,880
General Rubber, d., 1915, 4½%	35,000	35,000
Mich. State Tl., 1 m., g., 1924, 5%	5,000	4,950

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
Mil. El. Lt. & Pow., 1 m., g., 1929, 5%	\$2,000	\$2,000
Silvermiths, c. & fa., 1915, 5%	50,000	50,000
Spencer Gas, 1 m., g., 1929, 5%	2,000	1,900
United Fruit, g. n., 1918, 5%	20,000	19,500
Westinghouse El. & Mfg., col., 1917, 5%	10,000	9,900

STOCKS.

Atch., T. & S. F. R. R., p.	10,000	10,300
G. No. Ry., p.	11,900	14,754
Ill. Cen. R. R.	10,000	11,200
N. Y., N. H. & H. R. R.	20,000	11,000
No. Pac. R. R.	10,000	11,100
Pa. R. R.	30,250	33,577
Un. Pac. R. R., p.	50,000	41,500
Un. Tc. & El., N. Y.	50,000	48,500
Nat. Ex. Bk. of Prov., R. I.	10,000	26,700
Un. Tr., of Prov., R. I.	20,000	31,000
Amer. La France Fire Eng., inc., p.	20,000	17,000
Amer. La France Fire Eng., inc., com.	6,700	1,615
Gn. Adj. Bur., N. Y.	150	150
So. Adj. Bur., Atlanta, Ga.	500	500
Underwriters Svc., Chi., Ill.	500	500
Underwriters Svc., N. Y.	500	750
West. Ad. & Insp.	100	200

Totals (book value, \$1,185,866)..... \$1,169,375 \$1,146,367

MISCELLANEOUS: This company was organized and commenced business in January, 1907, with a paid-up capital of \$300,000 and a net surplus of \$300,000. Capital increased in 1912 to \$400,000. Value of deposit in Va., \$18,640; in Ga., \$10,000.

DIRECTORS: Nelson W. Aldrich, Newton D. Arnold, Walter Callender, Nathaniel B. Church, Samuel Pomroy Colt, L. H. Comstock, M. F. Dooley, Darius L. Goff, Lyman B. Goff, Walter S. Hackney, C. H. Hutchins, Benjamin A. Jackson, Arthur L. Kelley, S. M. Nicholson, Frederick S. Peck, Frank N. Phillips, Geo. C. Phillips, Emil G. Pieper, George L. Shepley, William M. Wood, Byron S. Watson, Henry A. Carpenter.

FIELD MEN AND TERRITORY COVERED: C. B. Burke, Philadelphia, Pa., special agent for Pa., southern N. J., Md. and Del.; Frank B. Decker, Rochester, N. Y., special agent for N. Y.; R. A. Osborne, special agent for northern N. J. and southern N. Y.; Harry K. Rowe, New Haven, Conn., special agent for New England; John D. Pollock, Chicago, Ill., for Mich., Ind., Minn. and W. Ky.; Fay Morrissey, Champaign, Ill., for Neb., Ill., Ia., Mo., and Wis.; Geo. A. Cram, Columbus, O., special agent for O., W. Va. and E. Ky.; J. D. Fry, So. Boston, Va., special agent for Va., N. C. and Tenn.; Gordon Williams, Wilson, N. C., special agent for S. C. Ga., and Fla. and J. R. Cothran, assistant special agent. The company operates in Cal., Colo., Conn., Del., D. C., Fla., Ga., Ill., Ind., Ia., Ky., La., Md., Mass., Mich., Minn., Mo., Neb., N. J., N. Y., N. C., N. D., Ore., O., Pa., R. I., S. C., Tenn., Va., Wash. W. V., Wis. and B. C.

RICHMOND INSURANCE COMPANY, West New Brighton, N. Y.

President, J. F. Smith; Secretary, D. G. Wakeman. Organized, 1836.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$577,809	\$176,480	\$170,192	\$389,580	\$314,172	\$131,256	\$12,000	\$107,449	\$250,705	\$130,2
1913	512,022	129,680	152,084	327,113	250,943	107,227	12,000	86,198	205,425	111,7
1912	471,724	106,267	141,636	188,914	208,886	89,248	12,000	66,597	167,845	83,6
1911	432,307	91,046	112,438	170,806	190,429	96,796	10,000	61,535	168,331	100,8
1910	410,100	86,090	101,607	171,812	189,761	89,289	8,000	61,254	158,643	81,5

RICHMOND INSURANCE COMPANY, West New Brighton, N. Y.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$297,050	Losses unpaid.....	\$27,137
Bonds and stocks.....	148,240	Unearned premiums.....	176,480
Cash.....	80,238	Other liabilities.....	4,000
Agents' balances.....	48,715		
Interest.....	3,466	Total liabilities.....	\$307,617
		Capital paid up.....	200,000
		Net surplus.....	170,192
Total assets.....	\$577,809	Total.....	\$577,809

Underwriting profit, \$646; investment profit, \$29,512.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$29,720,513; premiums thereon, \$322,556.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,426,311; losses paid, \$643,249; dividends declared, cash, \$54,000.

MORTGAGE LOANS: There are 72 loans, ranging from \$500 to \$30,000, and amounting to \$397,050, which appear to be amply secured by local properties. There was \$681 of interest past due on December 31, last.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
State of La., 1924, 4½%.....	\$5,000	\$5,100
Cy. N. Y., cp. stk.....	5,000	4,400
Cy. N. Y., cp. stk.....	25,000	24,750
A. T. & S. F. R. R. Co., gn.....	10,000	9,600
B. & O. R. R., gn.....	5,000	4,650
Ch. & O. R. R., gn.....	5,000	4,700
Reading Co. & P. R., gn.....	5,000	4,750
So. Pac. R. R., cv.....	10,000	8,600

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
Union Pac. R. R., r.....	\$10,000	\$9,500
L. & N. R. R. Co., A. K. & C. Div., gn.....	5,000	4,500
Pac. Gas & El., gn.....	10,000	8,600
Adirondack El. Pow., cp.....	5,000	4,600
N. Y. & Richmond Gas.....	10,000	9,700
No. Pac. Ry., & l. gt.....	5,000	4,750
Louisville Gas & El.....	5,000	5,050
Mo. & Kan. Tel., n.....	5,000	5,000
Puget Sd. T. L. & P.....	5,000	5,050
Chicago Ry.....	5,000	4,950
N. Y. Tl., l. gn.....	5,000	4,900

STOCKS.

Union Pac. Ry.....	8,000	10,240
Totals (book value, \$151,160).....	\$153,030	\$148,340

MISCELLANEOUS: The company was formerly the Richmond Co. Mutual Insurance Company. It was reorganized in January, 1907, as a stock company with a paid-up capital of \$200,000.

DIRECTORS: David G. Wakeman, James Feeny, Frank W. Tompkins, Wm. L. Flake, George M. Matthius, J. F. Smith, John A. Snyder, Benedict Parker, D. J. Tyeen, Henry W. Bath, W. J. Davidson, E. R. Moody, Wm. E. Hutchins, John E. King, Alvin Conklin.

FIELD MEN AND TERRITORY COVERED: Crum & Forster, general agents, 95 William st., New York City. Company operates in Ill., Mass., N. J., N. Y., O and Pa.

ROCKY MOUNTAIN FIRE INSURANCE COMPANY, Great Falls, Mont.

President, George Lloyd; Secretary, Leo P. McMeel. Organized, 1912.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$420,526	\$15,918	\$151,472	\$13,291	\$42,914	\$3,373	.....	\$20,722	\$24,096	\$4,488
1913	429,791	10,006	150,338	25,195	51,208	30	10,000	15,884	25,914	30

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$149,102	Losses unpaid.....	\$1,115
Mortgage loans.....	241,950	Unearned premiums.....	15,918
Cash.....	12,870	Other liabilities.....	2,021
Agents' balances.....	4,273		
Interest and rents.....	12,332	Total liabilities.....	\$19,054
		Capital paid up.....	250,000
		Net surplus.....	151,472
Total assets.....	\$420,526	Total.....	\$420,526

Underwriting loss, \$9,775; investment profit, \$24,414.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,912,050; premiums thereon, \$40,906.

BUSINESS SINCE ORGANIZATION: Premiums received, \$27,286; losses paid, \$3,404; dividends declared, cash, \$10,000.

REAL ESTATE OWNED: Consists of lots in Great Falls, on which company has erected a 3 story home office building costing \$136,082 with improvements valued at \$13,050. The net income is estimated at \$14,000.

MORTGAGE LOANS: There are 45 loans amounting to \$241,950, on property valued at \$699,068; on Dec. 31, 1914, there was \$4,266 of interest past due. There is one loan of \$4,000 in process of foreclosure. The average interest rate is slightly over 7 per cent.

MISCELLANEOUS: This company began business January 6, 1913, with \$250,000 capital and \$90,000 surplus. As of June, 1914, it was voted to increase the capital stock to \$300,000, selling at \$250 per share. 314 shares of the new issue have been subscribed and company holds subscribers' notes bearing 8% interest. These notes are not carried as admitted assets and do not show on the statement.

DIRECTORS: George Lloyd, John E. Dawson, E. Brook Martin, John Lucas, Leo P. McMeel, Alfred Malmberg, T. J. Walsh, W. L. Holloway, Paris Gibson, Owen P. McElmeel.

FIELD MEN AND TERRITORY COVERED: John E. Dawson, special agent, Great Falls, Mont. The company operates in Mont. only.

THE ROSSIA INSURANCE COMPANY OF AMERICA, Hartford, Conn.

The company was incorporated early in 1915 by interests identified with the Rossia Ins. Co. of Petrograd. Its incorporation covers call for a fire and marine reinsurance business only, with a minimum capital of \$250,000 and power to increase same to

\$2,500,000. The incorporators are William B. Clark, George B. Edwards, Hubert Cillis, James Nichols, M. L. Hewes, Isaac N. Seigman, J. B. Branch, Wm. B. Ellison, Chas. W. Gross, Frederic L. Bunce, B. N. Carvalho and C. F. Sturhahn.

SAFEGUARD FIRE INSURANCE COMPANY, New York, N. Y.

The Safeguard Fire Insurance Company is being organized by A. G. McIlwaine, Jr., manager of the London and Lancashire Fire of Liverpool and others connected with that company. The London & Lancashire will control the Safeguard, which is to write fire insurance. The charter of the former Safeguard In-

surance Company has been owned by the London and Lancashire since 1879. The new company has a capital of \$200,000 and a surplus of \$300,000. On April 9, 1915 the Safeguard received a license from the New York insurance department.

ST. PAUL FIRE AND MARINE INSURANCE COMPANY, St. Paul, Minn. §

President, F. R. Bigelow; Vice-President, J. H. Skinner; Secretary, A. W. Perry; Assistant Secretaries, H. S. Green and J. C. McKown; Auditor, A. E. Krebs. Organized, 1865.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$10,244,022	\$5,242,917	\$3,153,769	\$6,604,983	\$7,024,473	\$3,975,418	\$120,000	\$2,267,255	\$6,262,673	\$3,964,302
1913	9,473,153	5,215,216	3,073,450	6,109,855	6,512,716	3,376,289	100,000	2,137,631	5,613,920	3,201,517
1912	8,777,514	4,896,773	2,722,621	5,978,181	6,249,776	3,291,281	100,000	2,121,372	5,513,153	2,945,322
1911	7,970,977	4,755,689	2,177,716	5,575,865	5,830,565	2,842,673	60,000	2,004,391	4,906,964	2,827,588
1910	7,035,234	4,156,374	1,917,242	5,016,032	5,296,379	2,672,986	60,000	1,728,681	4,461,667	2,569,733

* Includes \$1,796,905 marine premiums and \$959,755 marine losses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$248,396	Losses unpaid.....	\$713,583
Mortgage loans.....	1,095,005	Unearned prem.....	5,242,917
Bonds and stocks.....	7,303,107	Other liabilities.....	133,753
Collateral loans.....	200,000		
Cash.....	687,437	Total liabilities.....	\$6,090,253
Agents' balances.....	651,574	Capital paid up.....	1,000,000
Interest.....	75,978	Net surplus.....	3,153,769
Other assets.....	24,706		
Total.....	\$10,236,203		
Spl. dep. over liab..	42,181		
Total adm. assets.....	\$10,244,022	Total.....	\$10,244,022

Underwriting profit, \$284,942; investment profit, \$457,558.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$794,719,928; premiums thereon, \$9,313,368; marine and inland risks in force, \$64,185,268; premiums thereon, \$885,575.

BUSINESS SINCE ORGANIZATION: Premiums received, \$38,909,345; losses paid, \$51,553,475; dividends declared, cash, \$2,436,694; stock, \$500,000.

REAL ESTATE OWNED: The principal item is the company's home office building, cor. 5th and Washington sts., St. Paul, completed in 1909 and occupied solely by the company, which cost and is carried at \$215,167. All of the remaining real estate is sold on contract.

MORTGAGE LOANS: There are 61 loans, aggregating \$1,095,405, which are protected by properties to the value of \$4,609,300; the company holding \$1,609,850 of insurance on buildings. They are principally upon dwellings and apartment houses in St. Paul and Minneapolis, an office building in Sioux Falls, S. D., and farm properties in Minn., Wis., S. D. and Neb. The largest loans, with their securities, are: \$22,000, stores, apartments, etc., Selby ave. and Mackubin st., valued at \$46,000; \$35,000, 22-24 So. 10th st., St. Paul, valued at \$46,400; \$53,000, apartment, 18th st. and Park ave., Minneapolis, valued at \$87,000; \$80,000, storage warehouse, etc., 4th and Lake sts., Minneapolis, valued at \$220,000; \$30,000, stores, apartments, etc., Selby ave. and Mackubin st., St. Paul, valued at \$60,000; \$20,000, mercantile bldg., 181-3 Jackson st., St. Paul, valued at \$60,000; \$52,500, lots 1-5 William sub-div. lots 1 and 12, block 32, Minneapolis, and Hoag's Addn., valued at \$110,000; \$32,500, Ashland ave. and No. Oxford st., St. Paul, valued at \$32,500; \$25,000, Ryan Hotel, St. Paul, valued at \$785,000; \$20,000, 790-798 Grand ave., St. Paul, valued at \$35,000; \$400,000, lots 4-12, block 7, St. Paul, proper, and building under construction, value, \$1,600,000; \$25,000, lot 5, V. D. Walsh's rearrangement, valued at \$60,000; \$45,000, 712-28 So. 5th and 420-22 8th ave. So., Minneapolis, valued at \$146,000; \$56,000, theatre and office building, 101-5 Washington ave., No., Minneapolis, valued at \$186,000.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Securities.			
Des Plaines Valley R. R.....		\$23,750	
Minn. St. P. & S. Ste M. Ry.....		45,000	\$100,000
New Orleans Port Comm.....		51,400	
Omaha, Council Bluffs St. Ry.....		24,250	
Wis. Ry. Lt. & Pow.....		2,700	
Twin City Tl.....		2,895	75,000
Citizens Gas & Fuel, Terre Haute.....		22,500	
Northwestern Elev. Ry.....		31,500	
Twin City Rap. Tran., Minn.....		29,025	25,000
Totals (par value, \$246,000).....		\$232,760	\$200,000

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Aberdeen, S. D., gr., 1915, 4½%.....		\$2,500	\$2,500
Aberdeen, S. D., Ind., sc., 1929, 4½%.....		25,000	24,250

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.		Par Value.	Market Value.
Aberdeen, S. D., sc., 1930, 4½%.....		\$15,000	\$14,321
Ackley, Ia., Ind. sc., 1917, 5%.....		11,000	11,000
Ada Co., Ida., rd. & bg., 1925-6.....		28,000	29,745
Aitkin, Minn., sc., 1931, 4%.....		18,000	16,380
Alberta, Can., 1923, 4½%.....		50,000	48,000
Amarillo, Tex., rd. bg. & st., 1950, 5%.....		25,000	25,417
Andover, S. D., sc. f., 1921-6, 5%.....		10,000	9,930
Baker Cy., Ore., wat., 1920, 5%.....		13,000	13,078
Bird Island, Minn., lt. & wat., 1925, 5%.....		7,000	7,000
Brainerd, Minn., wat., 1925-9, 5%.....		25,000	25,714
Brookings, S. D., wat., 1921, 5%.....		35,000	32,406
Calgary, Alta., sc. reg., 1943-52, 4½%.....		20,000	
Canton, S. D., wat. & r., 1923, 5%.....		6,000	6,000
Carter Co., Okla., c. h., 1927-8, 5%.....		25,000	25,280
Cascade Co., Mont., sc., 1929, 4%.....		25,000	23,173
Cascade Co., Mont., sc., 1932, 5%.....		50,000	51,408
Cascade Co., Mont., jail, 1933, 5%.....		50,000	52,475
Cheyenne, Wyo., wat., 1938, 5%.....		25,000	25,000
Chickasha, Okla., wat., 1926, 5%.....		17,000	17,000
Chickasha, Okla., r., 1928, 5%.....		8,000	8,000
Chickasha, Okla., sc., 1928, 5%.....		25,000	25,000
Coal Co., Okla., bg., 1935, 5%.....		35,000	35,000
Custer Co., Mont., r., 1932, 5%.....		50,000	51,035
Davidson Co., S. D., r., 1925, 4%.....		10,000	9,850
Davidson Co., Tenn., bg., 1937, 4½%.....		25,000	24,312
Dubuque, Ia., sc., 1916, 4%.....		20,000	19,775
Eugene, Ore., wat., 1943, 5%.....		25,000	25,407
Eugene, Ore., r., 1915, 5%.....		25,000	25,000
Eugene, Ore., sc., 1942, 5%.....		25,000	25,375
Everett, Wash., 1931, 5%.....		50,000	50,000
Fairmont, Minn., sr. & drg., 1925-6, 5%.....		27,400	27,999
Fairmont, W. Va., sr., 1942, 5%.....		25,000	25,343
Fairbault, Minn., r., 1915-6, 4%.....		10,000	9,933
Florence, S. C., sr., 1950, 5%.....		10,000	10,275
Fort William, Ont., 1940, 4½%.....		10,000	8,350
Fort Worth, Tex., imp., 1949, 4½%.....		50,000	50,000
Fort Worth, Tex., sc., 1929, 4½%.....		10,000	9,339
Fulda, Minn., sc., 1929, 5%.....		16,000	16,161
Fulda, Minn., pub. hall & jail, 1915-7, 5%.....		3,000	3,000
Galt, Ont., sr., 1946, 4%.....		51,000	39,652
Georgia, St., 1920, 3½%.....		10,000	9,687
Glenoe, Minn., wat., 1917, 6%.....		8,000	8,150
Grand Forks, N. D., f., 1925, 4½%.....		9,000	8,744
Granite Co., Mont., co. c. h., 1932, 4½%.....		50,000	48,555
Grant Co., N. M., r., 1932, 5%.....		10,000	10,325
Great Falls, Mont., wat., 1918, 5%.....		5,000	5,048
Great Falls, Mont., r., w. w., 1933, 5%.....		50,000	51,840
Greene Co., Tenn., rd., 1918, 5%.....		25,000	25,000
Guthrie, Okla., wat., 1931, 4½%.....		20,000	20,000
Guthrie, Okla., sr., 1931, 4½%.....		3,000	3,000
Hallco, Minn., sr., 1926, 4½%.....		10,000	9,562
Hamilton, Ont., sr., 1927, 4%.....		35,000	31,150
Hamilton, Ont., wat., 1937, 4%.....		15,000	12,750
Hill Co., Mont., f., 1934, 5%.....		50,000	52,080
Hill Co., Mont., sc., 1932, 5%.....		20,000	20,372
Hubbard Co., Minn., f., 1920-4, 5%.....		11,000	11,173
Jefferson Co., Wash., r., 1918, 5½%.....		28,000	28,134
Johnston Co., Okla., bg., 1934, 5%.....		50,000	50,820
Josephine Co., Ore., sc., 1930, 5%.....		25,000	25,000
King Co., Wash., f., 1928, 5%.....		25,000	25,850
Koochiching Co., Minn., dit., 1918-19, 4½%.....		30,000	29,671
Lac qui Parle Co., Minn., sc., 1917, 5%.....		8,000	8,000
Lake Co., Colo., r., 1921, 4%.....		2,000	1,903
La Moure Co., N. D., c. h. & j., 1928, 4½%.....		32,000	31,196
Lanesboro, Minn., el. l. & p., 1915-6, 5%.....		2,000	2,000
Langdon, N. D., f. & r., 1925, 5%.....		10,000	10,098
Las Vegas, N. M., r., 1937, 5%.....		24,346	24,346
Latah Co., Ida., sc., 1932, 5%.....		10,000	10,000
Laurens Co., S. C., bg., 1936, 4½%.....		10,000	9,750
Lawrence Co., S. D., c. h., 1926, 5%.....		24,500	24,500

§ Transacts both fire and marine business.

ST. PAUL FIRE AND MARINE INSURANCE COMPANY, St. Paul, Minn.—Cont.

BONDS AND STOCKS OWNED.—Cont.		Par Value.		Market Value.	
BONDS.—Cont.		Par Value.		Market Value.	
Lawrence Co. S. D., r., 1927, 5%.....	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Lewiston, Mont., wat., 1926, 5%.....	15,000	15,033	15,033	15,033	15,033
Lewiston, Mont., w., 1932, 5%.....	50,000	50,475	50,475	50,475	50,475
Lincoln Co., Wash., c. h. & j., 1926, 4%.....	15,000	14,668	14,668	14,668	14,668
Lincoln Co., Ida., hwy. dist., 1923-32, 6%.....	40,000	43,285	43,285	43,285	43,285
Livingston, Mont., f., 1932, 5%.....	25,000	25,295	25,295	25,295	25,295
Los Angeles, Cal., se., 1916, 4%.....	19,000	18,954	18,954	18,954	18,954
La. St. pt. comm., 1929, 5%.....	25,000	25,470	25,470	25,470	25,470
Madison, S. D., cl. h., 1929, 4%.....	14,000	13,540	13,540	13,540	13,540
Malheur Co., Minn., 1917, 5%.....	10,000	10,050	10,050	10,050	10,050
Mandan, N. D., wat., 1931, 5%.....	50,000	53,635	53,635	53,635	53,635
Manitoba, Can., drg., 1937, 4%.....	60,000	62,050	62,050	62,050	62,050
Mexican Govt., int., 1920, 5%.....	5,000	2,500	2,500	2,500	2,500
Milbank, S. D., wat., 1924, 5%.....	23,000	23,000	23,000	23,000	23,000
Miss. Cy., Mont., wat., 1930, 5%.....	25,000	25,776	25,776	25,776	25,776
Minot Co., Mont., r., 1916, 6%.....	20,000	20,286	20,286	20,286	20,286
Minnetonka, S. D., w., 1925, 5%.....	20,000	20,050	20,050	20,050	20,050
Morton Co., N. D., c. h., 1925, 4%.....	31,000	30,264	30,264	30,264	30,264
Muskegon Co., Okla., hg., 1930, 5%.....	50,000	50,830	50,830	50,830	50,830
Muskegon Co., Mont., r., 1932, 5%.....	50,000	50,040	50,040	50,040	50,040
Nampa, Ida., f., 1932, 5%.....	25,000	25,730	25,730	25,730	25,730
Okfuskee Co., Okla., hg., 1930, 5%.....	50,000	50,665	50,665	50,665	50,665
Okla. Cy., Okla., pt., 1934, 5%.....	25,000	25,317	25,317	25,317	25,317
Okla. Cy., Okla., se. f., 1929, 4%.....	25,000	24,118	24,118	24,118	24,118
Okmulgee, Okla., se., 1929, 5%.....	25,000	25,000	25,000	25,000	25,000
Oleum Lease Dist., 1929, 5%.....	25,000	25,517	25,517	25,517	25,517
Port Co., Mont., r., 1933, 5%.....	62,000	64,157	64,157	64,157	64,157
Port Co., Minn., b. & w., 1929, 4%.....	13,000	12,537	12,537	12,537	12,537
Port Co., Minn., r., 1924, 4%.....	6,000	5,845	5,845	5,845	5,845
Port Co., Minn., f., 1924, 4%.....	8,000	7,79	7,79	7,79	7,79
Portland, Ore., lease & st., 1935, 5%.....	25,000	25,357	25,357	25,357	25,357
Portland, Ore., wat. wks., 1943, 5%.....	33,000	33,590	33,590	33,590	33,590
Porton, Minn., vill. h. & j., 1920, 5%.....	10,000	10,074	10,074	10,074	10,074
Porton, Minn., wat., 1920, 5%.....	5,000	5,087	5,087	5,087	5,087
Portland, Ore., dy. dk., 1933, 4%.....	50,000	47,485	47,485	47,485	47,485
Pueblo, Colo., wat., 1931, 4%.....	25,000	24,290	24,290	24,290	24,290
Radford, S. D., w., 1929, 5%.....	18,000	18,271	18,271	18,271	18,271
Redwood Falls, Minn., r., 1918, 5%.....	6,000	6,030	6,030	6,030	6,030
Reno, Nev., w., 1928, 6%.....	25,000	26,062	26,062	26,062	26,062
Richmond, Va., reg., 1923-30, 4%.....	25,000	23,593	23,593	23,593	23,593
Riverside, Cal., se., 1915-16, 5%.....	8,000	8,000	8,000	8,000	8,000
S. B. B. Co., Minn., 1942, 5%.....	25,000	23,672	23,672	23,672	23,672
St. Clair Co., Ill., drg., 1915-16, 5%.....	25,000	25,000	25,000	25,000	25,000
St. Rapids, Minn., wat. wks., 1927, 6%.....	25,000	27,335	27,335	27,335	27,335
Seattle, Wash., w., 1927, 4%.....	50,000	48,855	48,855	48,855	48,855
Sherman, Tex., st. & se., 1933-42, 5%.....	50,000	51,032	51,032	51,032	51,032
Shawnee Co., Mont., se., 1922, 4%.....	6,000	5,734	5,734	5,734	5,734
Sioux City, Ia., Ind. se., 1919, 4%.....	50,000	49,365	49,365	49,365	49,365
Sioux Falls, S. D., wat., 1923, 5%.....	51,500	52,210	52,210	52,210	52,210
Sioux Falls, S. D., r., 1927, 5%.....	25,000	25,457	25,457	25,457	25,457
Sioux Falls Co., Tenn., rd., 1928-38, 5%.....	25,000	25,000	25,000	25,000	25,000
Teton Co., Mont., se., 1933, 5%.....	25,000	25,452	25,452	25,452	25,452
Thief River Falls, Minn., wat., 1928, 5%.....	12,000	12,174	12,174	12,174	12,174
Thief River Falls, Minn., w. w., 1925, 5%.....	25,000	25,300	25,300	25,300	25,300
Toronto, Ont., loc. imp., 1915, 5%.....	50,000	48,445	48,445	48,445	48,445
Toronto, Ont., loc. imp., reg., 1922, 4%.....	100,000	92,750	92,750	92,750	92,750
Tracy, Minn., r., 1921, 5%.....	20,000	20,166	20,166	20,166	20,166
Twin Falls, Ida., Ind. se., 1932, 5%.....	45,000	45,000	45,000	45,000	45,000
Twin Falls Co., Ida., c. h. & j., 1924-5, 5%.....	25,000	25,113	25,113	25,113	25,113
Twin Falls Co., Ida., Ind. se., 1930, 5%.....	25,000	25,000	25,000	25,000	25,000
Valley Cy., N. D., f., 1919-28, 5%.....	18,000	18,197	18,197	18,197	18,197
Walla Walla, Wash., wat., 1919, 4%.....	5,000	4,545	4,545	4,545	4,545
Walla Walla, Wash., cy. b., 1928, 5%.....	25,000	25,800	25,800	25,800	25,800
Webster, S. D., se., 1925, 5%.....	17,000	17,000	17,000	17,000	17,000
Yellowstone Co., Mont., se., 1929-32, 4%.....	60,000	60,530	60,530	60,530	60,530
A. T. & S. P. Ry., T. S. L., 1935, 4%.....	50,000	43,500	43,500	43,500	43,500
A. T. & S. P. Ry., gn. m., 1935, 4%.....	50,000	45,750	45,750	45,750	45,750
B. & O. Ry., eq. tr., 1920-21, 4%.....	50,000	48,938	48,938	48,938	48,938
B. & O. Ry., 1 m., 1925, 3%.....	50,000	43,000	43,000	43,000	43,000
Canada Ry., ca. gr., 1932, 5%.....	50,000	50,750	50,750	50,750	50,750
Chas. & O. Ry., gn. m., 1932, 4%.....	50,000	44,250	44,250	44,250	44,250
Ch. & E. R. R., gn. ca. & 1 m., 1937, 5%.....	50,000	38,000	38,000	38,000	38,000
Ch. & E. R. R., 1 m. d., 1942, 5%.....	25,000	19,000	19,000	19,000	19,000
Ch. & W. Ind. R. R., m., 1932, 4%.....	50,000	39,500	39,500	39,500	39,500
Ch. B. & Q., j., 1921, 4%.....	60,000	47,437	47,437	47,437	47,437
Ch. Cy., Ry., 1 m., 1927, 5%.....	60,000	49,875	49,875	49,875	49,875
C. I. & S. E. R., m., 1934, 5%.....	75,000	64,500	64,500	64,500	64,500
C. I. & S. E. R., 1 m., 1930, 4%.....	50,000	48,000	48,000	48,000	48,000
C. M. & St. P. Ry., C. & P., 1921, 5%.....	25,000	25,375	25,375	25,375	25,375
Ch. Ry., 1 m., 1927, 5%.....	100,000	95,750	95,750	95,750	95,750
C. R. I. & P. Ry., 1 m. & r., 1934, 4%.....	50,000	32,575	32,575	32,575	32,575
Cleveland, 1 m., 1931, 5%.....	50,000	50,250	50,250	50,250	50,250
Cleveland, S. L. Ry., 1 m., 1931, 4%.....	50,000	46,250	46,250	46,250	46,250
Cole & St. Ry., r. & extn. m., 1935, 4%.....	50,000	40,250	40,250	40,250	40,250
Duluth St. Ry., 1 m., 1930, 5%.....	20,000	18,900	18,900	18,900	18,900
Fla. E. C. Ry., 1 m., 1919, 4%.....	50,000	44,250	44,250	44,250	44,250
Grand Rap. Ry., 1 m., 1916, 5%.....	16,000	16,000	16,000	16,000	16,000
Ia. Cent. Ry., 1 m., 1933, 5%.....	10,000	5,500	5,500	5,500	5,500
Louise. & Nash. R. R., uni., 1940, 4%.....	\$25,000	\$22,875	\$22,875	\$22,875	\$22,875
Metro. St. Ry., K. C., ca. m., 1913, 5%.....	50,000	46,000	46,000	46,000	46,000
Mid. Vall. R. R., 1 m., 1943, 5%.....	50,000	43,000	43,000	43,000	43,000
Mil. El. Ry. & L. r. & extn., 1931, 4%.....	25,000	22,375	22,375	22,375	22,375
Minn. Lyn. & M. Ry., 1 ca. m., 1919, 5%.....	50,000	50,125	50,125	50,125	50,125
M., St. P. & S. S. M. Ry., eq. tr., 1923, 5%.....	50,000	50,360	50,360	50,360	50,360
M., St. P. & S. S. M. Ry., C. Tm. Ry., 1 m., a. f., 1941, 4%.....	100,000	92,000	92,000	92,000	92,000
M., St. P. & S. S. M. Ry., eq. n., 1918-20, 4%.....	50,000	49,245	49,245	49,245	49,245
M., St. P. & S. S. M. Ry., 1 m., 1938, 4%.....	50,000	45,000	45,000	45,000	45,000
M., St. P. & S. S. M. Ry., eq. n., 1918-20, 4%.....	30,000	29,556	29,556	29,556	29,556
Minn. St. Ry. & St. P. Cy. Ry., ca. m., 1928, 5%.....	50,000	50,370	50,370	50,370	50,370
Minn. Trar. Ry., 1 m., 1916, 4%.....	30,000	29,855	29,855	29,855	29,855
M., K. & E. Ry., 1 m., 1942, 5%.....	28,000	26,320	26,320	26,320	26,320
M., K. & O. Ry., 1 m., 1942, 5%.....	50,000	45,870	45,870	45,870	45,870
M., K. & T. Ry., St. L., 1 m., 2001, 4%.....	25,000	16,505	16,505	16,505	16,505
Mo. Pac. Ry., col. tr., 1917, 5%.....	50,000	45,750	45,750	45,750	45,750
Mo. Pac. Ry., ca. 1 m., 1920, 6%.....	50,000	50,250	50,250	50,250	50,250
Montreal Trar., 1 & r. m., 1941, 5%.....	100,000	95,500	95,500	95,500	95,500
New Orleans Tm., 1 m., 1933, 4%.....	50,000	38,500	38,500	38,500	38,500
N. Y. St. Ry., tp. 1 ca. m., 1932, 4%.....	50,000	42,250	42,250	42,250	42,250
N. Y. W. & B. Ry., 1 m., 1946, 4%.....	40,000	27,800	27,800	27,800	27,800
Nor. So. R. R., 1 r. m., 1931, 5%.....	50,000	42,500	42,500	42,500	42,500
No. Pac. Ry., pr. in. ry. & l. g., 1907, 4%.....	100,000	89,500	89,500	89,500	89,500
No. Pac. Ry., gn. in. reg., 2047, 5%.....	100,000	62,000	62,000	62,000	62,000
No. Tex. Tc., 1 m., 1933, 5%.....	25,000	24,500	24,500	24,500	24,500
Ore. El. Ry., 1 m., 1933, 5%.....	30,000	28,950	28,950	28,950	28,950
Pa. gn. ft. eq. tr. cts., 1919, 4%.....	50,000	48,500	48,500	48,500	48,500
Pere Marq. R. R., L. E. & D. R., 1 m., 1932, 4%.....	150,000	121,500	121,500	121,500	121,500
So. Pac. R. R., 1 r. m., 1935, 4%.....	50,000	42,250	42,250	42,250	42,250
Sp. & In. Em. R. R., 1 m. & r., 1926, 5%.....	40,000	36,200	36,200	36,200	36,200
St. J. M. Ry., La., Ht. & Pow., 1 m., 1937, 5%.....	25,000	24,187	24,187	24,187	24,187
St. L. I. M. & S. Ry., R. & G., 1933, 4%.....	50,000	33,675	33,675	33,675	33,675
St. L. P. & Nwn. Ry., 1 m., 1948, 5%.....	50,000	51,250	51,250	51,250	51,250
St. P. Cy. Ry., ca. m., 1937, 5%.....	25,000	25,375	25,375	25,375	25,375
Te. He., Ind. & E. Tc., 1 & r., 1945, 5%.....	25,000	23,750	23,750	23,750	23,750
Union Pacific Ry., 1 m., 1947, 4%.....	12,000	11,400	11,400	11,400	11,400
Butte El. & Pow., 1 m., 1951, 5%.....	50,000	48,000	48,000	48,000	48,000
Cal. Gas & El. u. & r., 1937, 5%.....	25,000	22,675	22,675	22,675	22,675
Chicago Tl., 1 m., 1923, 5%.....	50,000	49,750	49,750	49,750	49,750
Cleveland El. Illm., 1 m., 1939, 5%.....	50,000	49,750	49,750	49,750	49,750
Commonwealth El., 1 m., 1943, 5%.....	50,000	49,625	49,625	49,625	49,625
Detroit Ed. El., 1 m., 1933, 5%.....	50,000	50,250	50,250	50,250	50,250
Detroit Cy. Gas, gn. m., 1923, 5%.....	25,000	24,625	24,625	24,625	24,625
Grand Rap. Ed., 1 m., a. f., 1916, 5%.....	25,000	25,000	25,000	25,000	25,000
Laclede Gas Lt., St. L., 1 m., 1919, 5%.....	50,000	50,000	50,000	50,000	50,000
Laclede Gas Lt., St. L., r. & e., 1934, 5%.....	25,000	24,375	24,375	24,375	24,375
Madison Riv. Pow., 1 m., 1935, 5%.....	50,000	47,500	47,500	47,500	47,500
Minn. Gas Lt., 1 gn. W., 1930, 5%.....	25,000	24,000	24,000	24,000	24,000
N. Y. Tl., a. f., 1939, 4%.....	25,000	23,625	23,625	23,625	23,625
Omaha El. Lt. &					

ST. PAUL FIRE AND MARINE INSURANCE COMPANY, St. Paul, Minn.—Cont.

MISCELLANEOUS: In 1871 received for calls on capital, \$120,000. Capital increased in 1882 from \$400,000 to \$500,000, and in 1914 from \$500,000 to \$1,000,000 by stock dividend. Company operates under reserve fund law of Minnesota, having deposited a special reserve fund of \$250,000. Conflagration losses: Chicago, 1871, \$140,000; Boston, 1872, \$76,000; Baltimore, 1904, \$172,094; San Francisco, 1906, \$1,233,357. Values of special deposits: Can., \$270,490; Ga., \$9,800; N. M., \$10,200; Va., \$23,850; Mex., \$2,214.

DIRECTORS: C. H. Bigelow, Jr., F. R. Bigelow, Kenneth Clark, H. S. Cole, W. B. Dean, H. T. Drake, F. A. Fogg, J. W. Lusk, C. P. Noyes, A. W. Perry, C. W. Sexton, J. H. Skinner, V. M. Watkins.

FIELD MEN AND TERRITORY COVERED: General agents: Christensen & Goodwin, San Francisco, Cal., managers for Pacific department; E. J. Richardson & Sons, Baltimore, Md., for Md. and Del.; O'Brien-Russell & Co., Boston, Mass., for Conn., Me., N. H., Mass. and R. I.; F. Merges & Co., New York City, for central and southern N. Y. and Pa., and all of N. J.; Cravens & Cope, Houston, Tex., for Tex. and La.; special agents: for Cravens and Cope, J. L. De Treville, Houston, Tex., for La.; Dallas Smith, Brownwood, Tex., for central west Tex.; J. C. Roberts, Athens, Tex., for central east Tex.; John Burke, Dallas, Tex., adjuster for Tex.; Glenn T. Herndon, Dallas, for north-east Tex.; E. J. McCullough, Fort Worth, for northwest Tex.; B. A. Greisenbeck, San Antonio, for southwest Tex.; N. B. Reed, Houston, Tex., for Tex. gulf coast; Quinlan Adams, Houston, Tex. for southeast Tex., and Clarendon Ions, Childress, Tex., for Tex. farm department. Special jurisdiction of home office: Ala., Ark., Colo., D. C., Fla., Ga., Ill., Ind., Ia., Kan., Ky., Mich., Minn., Miss., Mo., Neb., N. M., N. Y. (W. of No. Cen. R. R.), N. C., N. D., O., Okla., Pa. (W. of No. Cen. R. R.), S. C., S. D., Tenn., Va., W. Va., Wis. and Wyo.; also Ont., Que., Alta., Sask. and Man. provinces, Canada. A. M. Jack & Son, general agents, Halifax, Province of N. S. and Prince Edward's Island. Special

agents: R. A. Overpeck, D. D. Daly and C. D. Hayes for Minn. W. J. Sonnen and J. M. Allen, Chicago, Ill., for Ill.; J. S. Burnley Kansas City, Mo., for Mo.; C. L. Montgomery, Ottumwa, Ia., for southern Ia.; E. M. McKinney, Des Moines, Ia., for northern Ia. B. E. Moreau, Denver, Colo., for Colo., Wyo. and N. M.; W. C. Lyle, Omaha, Neb. for Neb.; Van Arsdale & Osborne, Wichita, Kan., for Okla. and Kan.; J. W. Cunningham, Birmingham, Ala., for Ala., Fla. and Ga.; H. A. Sampson, Richmond, Va., for N. C., S. C., Va. and D. C.; A. C. Brunswold and A. N. Cooper, Fargo, N. D., for N. D.; A. F. Milligan, W. E. Milligan, A. H. Sperry and F. H. Streeter, Aberdeen, S. D., for S. D.; John McClure, St. Paul, Minn., for part of Wis. and part of Minn.; D. O. Stine, Reedsburg, Wis., for part of Wis.; C. A. Kelly, Terre Haute, Ind., for Mich. and Ind.; A. I. Macpherson, Louisville, Ky., for Ky. and Tenn.; W. F. Carroll, Vicksburg, Miss., for Miss. and Ark.; Ralph Taylor, Columbus, O., for O. and W. Va.; Chas. H. Knoche, Pittsburg, Pa., special agent for part of Pa. and N. Y.; Butler, Byer Bros. & Codere, Saskatoon, Sask., special agents for Alberta and Saskatchewan; G. A. Sherritt, Toronto, Ont., special agent for Ont. and Que.; R. DeLapp, San Francisco, Cal., special agent for Cal.; George T. Gray, San Francisco, Cal., for coast and bay counties, Cal. and Sacramento Valley; Carl A. Truitt, Stockton, Cal., for San Joaquin Valley, Cal. and Nev.; R. N. Loucks, Jr. and E. B. Flack, Los Angeles, Cal., for southern Cal. and Ariz.; W. F. Zwick, Seattle, Wash., for west. Wash. and west. B. C.; W. A. Frasier, Spokane, Wash., for eastern Wash., northern Ida. and eastern B. C.; John B. Fritsch, Helena, Mont., for Mont.; L. L. Dibble, Boise, Ida., for southern Ida. and Utah; Fred. Tebben, Portland, Ore., for Ore.; special agents for Christensen and Goodwin's territory: G. L. Eschella, Newark, N. J., C. A. Ryerson, Paterson, N. J., and Lewis H. Spier, New York City, for F. Merges & Co.'s territory. Walter C. Reuth, New York City for the automobile field. Walter T. Jordan and Thomas E. Glavin, special agents for Boston, Mass., covering the territory for O'Brien, Russell & Co. The company operates in all the States except Vt.

SAVANNAH FIRE INSURANCE COMPANY, Savannah, Ga.

President, Mills B. Lane; Secretary, W. F. Train. Organised, 1911.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$177,785	\$13,717	\$64,069	\$11,331	\$16,610	\$3,790	.....	\$4,380	\$8,170	\$1,901
1913	168,816	12,966	54,000	14,493	22,073	4,789	.....	5,531	10,320	5,039
1912	187,213	8,022	47,591	11,454	12,537	801	.....	5,626	6,427	1,698
1911	180,923	1,306	49,256	2,111	3,509	.....	.....	2,586	2,586	361

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$120,000	Unearned prems....	\$13,717
Bonds and stocks.....	1,000	Total liabilities....	\$13,717
Collateral loans.....	800	Capital paid up.....	100,000
Cash.....	19,465	Net surplus.....	64,068
Agents' balances.....	7,228		
Interest and rents.....	1,292		
County notes.....	28,000		
Total assets.....	\$177,785	Total.....	\$177,785

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,354,110; premiums thereon, \$23,357.

BUSINESS SINCE ORGANIZATION: Premiums received, \$39,389; losses paid, \$5,887.

REAL ESTATE OWNED: The company owns its home office, a 5-story, fire proof construction office building, valued at \$120,000. The rents received during the past year were \$3,348, and the expenses were \$4,957.

COLLATERAL LOANS: There is one loan of \$800 on Savannah Bank & Trust Co. stock, the market value of which is \$800.

BONDS OWNED:		Par Value.	Market Value.
Savannah City, 1950, 4½%.....		\$1,000	\$1,031
Liberty Co., n., 1915, 8%.....		5,000	5,000
Emanuel Co., n., 1915, 8%.....		8,000	8,000
Laurens Co., n., 1915, 8%.....		10,000	10,000
Laurens Co., n., 1915, 8%.....		5,000	5,000
Totals.....		\$29,000	\$29,031

DIRECTORS: R. S. Cope, Gordon L. Groover, John H. Hunter, Mills B. Lane, B. H. Levy, H. S. Meinhard, Joe D. Myers, M. J. O'Leary, John F. Paulsen, H. L. Richmond, H. P. Smart, W. F. Train, B. H. Wright, Albert Wylie.

TERRITORY COVERED: The company operates in Ga. only.

SEABOARD FIRE INSURANCE COMPANY, Atlantic City, N. J.

President, Theo. J. Lapres; Secretary and General Manager, James B. Springer. Reorganized, 1910.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$65,970	\$4,332	\$11,219	\$6,036	\$9,523	\$3,707	\$3,000	\$2,419	\$9,126	\$3,707
1913	65,602	4,313	9,844	6,133	9,801	2,091	3,000	2,587	7,678	2,091
1912	63,762	4,480	7,784	6,553	9,710	1,224	3,000	2,631	6,845	1,224
1911	59,808	4,216	5,169	6,402	9,440	2,189	1,500	2,532	6,221	2,189
1910	56,425	3,500	2,564	5,872	7,801	271	1,400	2,608	4,279	271

SEABOARD FIRE INSURANCE COMPANY, Atlantic City, N. J.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$49,780	Unearned premis.....	\$4,332
Bonds and stocks.....	6,200	Perp. dep. recd.....	419
Cash.....	8,091		
Agents' balances.....	1,102	Total liabilities.....	\$4,751
Interest and rents.....	827	Capital paid up.....	50,000
		Net surplus.....	11,219
Total assets.....	\$65,970	Total.....	\$65,970

RISKS AND PREMIUMS: Fire risks in force, December 31, \$53,423; premiums thereon, \$8,614.

BUSINESS SINCE ORGANIZATION: Premiums received, \$78,988; losses paid, \$8,700; dividends declared, cash, \$11,900.

MORTGAGE LOANS: There are 19 loans aggregating \$49,750, and are all first liens on improved real estate valued at nearly

twice the mortgaged amount. No interest overdue December 31, last.

BONDS AND STOCKS OWNED:		Par	Market
Bonds.		Value.	Value
Ventnor Cy., N. J.....		\$4,200	\$4,200
Cy. Sq. Land.....		2,000	2,000
Totals.....		\$6,200	\$6,200

MISCELLANEOUS: This company was incorporated as a mutual company in August, 1907. It was reorganized as a stock company, February 23, 1910, with a capital of \$50,000. The company is licensed only in N. J. and appoints no agents.

DIRECTORS: Theo. J. Lapres, James B. Springer, Edward W. Hunt, William F. Shaw, Walter T. Reed, Job Mathis, J. Morris Reeves, Harvey S. Justice, Benj. E. Harris, Wilbur S. Dickeson.

SECURITY INSURANCE COMPANY, Cincinnati, O.

President, Frank A. Rothier; Secretary, Adam Benua; Assistant Secretary, F. C. Barton. Organized, 1881.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$372,630	\$123,478	\$96,054	\$110,429	\$125,708	\$34,131	\$9,000	\$53,033	\$96,164	\$35,143
1913	249,636	113,806	75,358	101,726	116,333	44,607	9,000	47,815	101,422	45,183
1912	330,770	111,806	90,879	96,319	110,812	41,065	9,000	47,219	97,284	37,410
1911	356,804	111,551	83,377	96,622	110,817	54,303	9,000	47,258	110,561	48,303
1910	360,960	119,902	74,386	112,076	138,616	65,240	9,000	66,792	140,032	65,668

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks.....	\$337,724	Losses unpaid.....	\$8,702
Cash.....	16,910	Unearned premis.....	123,478
Agents' balances.....	17,264	Other liabilities.....	6,396
Interest and rents.....	732		
		Total liabilities.....	\$138,576
		Capital paid up.....	150,000
		Net surplus.....	86,064
Total assets.....	\$372,630	Total.....	\$372,630

RISKS AND PREMIUMS: Fire risks in force, December 31, \$478,280; premiums thereon, \$235,980.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,083,619; losses paid, \$1,663,767; dividends declared, cash, \$81,250.

BONDS AND STOCKS OWNED:		Par	Market
Bonds.		Value.	Value.
McInteer, Okla., wat. & ar., 1903, 5%..		\$5,000	\$5,550
Suvero, N. M., wat., 1917, 5%.....		11,000	11,110
Canton, Okla., wat. wks., 1927, 5%.....		1,000	1,050
Prentiss, Okla., ac. dis., 1922, 6%.....		5,000	5,512
Cleveland, Okla., ac., 1926, 6%.....		1,000	1,148
Portales, N. M., wat. wks., 1929, 6%.....		2,000	2,278
Dumas, Okla., wat. wks., 1927, 5%.....		2,000	2,141
Marion Co., Ariz., ac. dis., 1931, 5%.....		5,000	5,437
McInteer, Okla., ac., 1937, 6%.....		3,000	3,255

STOCKS.		Par	Market
C. N. O. & T. P. R. R., com.....		5,000	13,000
Cal. & Santa R. R.....		2,750	5,610
Ch. Tob. Warehouse, 1 p.....		4,400	1,780
Cry & Suburban.....		23,450	47,486
Cleveland & Pittsburgh R. R.....		800	1,296

BONDS AND STOCKS OWNED.—Cont.		Par	Market
Stocks.—Cont.		Value.	Value.
Farm. & Ship. Leaf Tob. Warehouse, 1 p..		\$2,500	\$2,550
Cincinnati Gas & El.....		47,600	31,392
Cit. Nat. Bk.....		10,500	19,950
Fifth-Third Nat. Bk.....		12,000	22,800
German National Bank.....		5,000	15,000
Grand Hotel.....		17,700	18,275
Scioto Val. Co., 1 p.....		2,500	2,531
Cincinnati Inter-Terminal R. R., 1 p.....		5,000	4,700
First National Bk.....		17,500	34,125
Eureka F. & M. Ins.....		8,900	17,800
Fourth National Bank.....		10,000	27,000
Cin., Newport & Covington Lt. & Co., com.....		6,500	5,525
Cin., D. & Tol. Co.....		10,000	1,000
National Bank of Commerce.....		6,000	10,200
Second National Bank.....		9,000	9,450
Cin., Newport & Cov. Lt. & Co., p.....		7,500	5,550
First National Bank, Norwood.....		500	865
Cin., N. O. & Tex. Pac. R. R. p.....		2,900	2,678
Western Adj. & Insp.....		100	200
Ohio Traction, p.....		5,000	4,000
Totals (book value, \$353,344).....		\$357,900	\$337,724

MISCELLANEOUS: Conflagration loss: San Francisco, 1906, \$25,095.

DIRECTORS: H. H. Meyer, W. B. Carpenter, Michael Ryan, F. A. Rothier, Adam Benua, C. C. Rothier, Richard Ryan.

FIELD MEN AND TERRITORY COVERED: H. C. Klockson, State agent for Mich.; Rollin B. Heston and Chas. Benua, special agents for O.; H. C. Klockson and Chas. Benua, for Ill. The company operates in Ill., Ky., Mich. and O.

SECURITY FIRE INSURANCE COMPANY, Davenport, Ia.

President, S. F. Gilman; Secretary, M. C. Hinach. Organized, 1833.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$637,858	\$375,813	\$50,902	\$253,683	\$283,728	\$124,054	\$24,000	\$118,065	\$266,119	\$126,233
1913	620,220	345,469	66,017	246,568	275,376	107,327	24,000	113,828	245,155	103,715
1912	589,229	304,859	71,392	229,783	257,104	85,792	22,000	111,064	218,856	83,825
1911	551,261	255,170	86,818	176,960	1274,397	89,651	40,000	86,563	216,214	88,313
1910	460,940	241,761	44,147	187,214	204,495	96,908	10,000	85,418	192,026	88,872

† Includes \$75,000 surplus paid in. ‡ Includes notes for premiums.

SECURITY FIRE INSURANCE COMPANY, Davenport, Ia.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$44,730	Losses unpaid.....	\$8,407
Mortgage loans.....	433,695	Unearned prems.....	375,813
Tri Cy. B. stk.....	5,000	Other liabilities.....	3,036
Ins. on Morton L. M.			
M. & C. Stk.....	12,000	Total liabilities.....	\$387,256
Cash.....	85,068	Capital paid up.....	200,000
Agents' balances.....	20,560	Net surplus.....	50,602
Interest and rents.....	13,005		
Premium notes.....	23,800		
Total assets.....	\$637,858	Total.....	\$637,858

Underwriting loss, \$16,735; investment profit, \$25,320.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$48,352,343; premiums thereon, \$683,360.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,821,667; losses paid, \$1,122,004; dividends declared, cash, \$225,543; stock, \$75,000.

REAL ESTATE OWNED: Consists of Davenport City lot and home office building, valued at \$44,730.

MORTGAGE LOANS: There are 85 loans, aggregating \$433,695, protected by first liens on Ia. farm and real estate, and a few Minn., Mont., N. D. and S. D. farm properties, valued at \$1,899,380. The company holds \$38,775 of insurance on the mortgaged buildings.

MISCELLANEOUS: Capital increased in 1897 from \$25,000 to \$100,000 by stock dividend, and in 1911 capital was increased to \$200,000 and \$50,000 added to surplus.

DIRECTORS: S. F. Gilman, M. C. Hinesh, H. Schroeder, R. Rohlf, P. Hinesh, L. M. Marks, J. W. Bollinger.

FIELD MEN AND TERRITORY COVERED: Paul Hinesh, Davenport; M. F. Yakish, Cedar Rapids, Ia.; J. D. Lateer, Bloomington, Ill.; K. P. Gohlmann, Lyons, Ia.; J. M. Ingle, Bondurant, Ia.; W. J. Shumway, Stevens Point, Wis. The company operates in Ia., Ill., Ind., Ohio and Wis.

SECURITY INSURANCE COMPANY OF NEW HAVEN,
New Haven, Conn.†

President, John W. Alling; Vice-President, E. G. Stoddard; Secretary, Victor Roth; Assistant Secretary, Willis Parker. Organized, 1841.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$4,173,901	\$2,150,543	\$794,712	\$2,089,974	\$2,270,146	\$1,236,781	\$90,000	\$378,499	\$2,305,280	\$1,250,952
1913	4,104,636	2,086,791	802,506	2,119,252	2,297,599	1,117,761	100,000	916,359	2,124,120	1,107,164
1912	4,074,447	1,951,937	896,217	2,021,794	2,185,600	1,029,030	119,000	890,924	2,008,954	1,023,512
1911	3,916,120	1,744,283	940,287	1,815,311	2,234,848	920,388	84,000	786,702	1,791,090	935,461
1910	3,117,448	1,556,841	639,791	1,622,814	1,921,969	774,025	70,000	715,928	1,559,953	826,363

† Includes \$200,000 premium on new stock in 1910 and \$300,000 in 1911.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$250,150	Losses unpaid.....	\$192,097
Mortgage loans.....	406,400	Unearned prems.....	2,150,543
Bonds and stocks.....	2,977,997	Other liabilities.....	36,549
Collateral loans.....	16,750		
Cash.....	101,483	Total liabilities.....	\$2,379,189
Agents' balances.....	346,939	Capital paid up.....	1,000,000
Interest.....	43,074	Net surplus.....	794,712
Other ad. assets.....	31,208		
Total assets.....	\$4,173,901	Total.....	\$4,173,901

Underwriting loss, \$80,418; investment profit, \$107,944.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$407,512,303; premiums thereon, \$4,131,574.

BUSINESS SINCE ORGANIZATION: Premiums received, \$30,768,686; losses paid, \$17,687,748; dividends declared, cash, \$1,277,281; stock, \$50,000.

REAL ESTATE OWNED: Comprises the company's office building, at Elm and Church sts., of which the book value is \$174,870 (carried at \$185,150) and a lot with building for western department headquarters, at North Wyman and Peach sts., Rockford, Ill., which cost \$64,398 and is carried at \$65,000. Both are unincumbered.

MORTGAGE LOANS: There are 42 loans, aggregating \$406,400, and protected by properties (mostly in New Haven) estimated to be worth \$781,780, upon which the company holds \$467,100 fire insurance.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Securities.			
N. Y. N. H. & H. R. R.	\$6,555		
Bond Internat. Silver, d. due 1933.	1,000		\$9,500
N. Y. N. H. & H. R. R.	339		
N. Y. N. H. & H. R. R., cv., 1948.	1,314		2,250
So. N. Eng. Tl.	1,540		
So. New Eng. Tl.	3,500		
Amer. Tl. & Tg.	1,845		5,000
West. Un. Tg.	1,155		
Totals.....	\$21,249		\$16,750

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Atlanta, Ga., wat. wks., 1933-31, 3½%	\$10,000		\$8,800
New Haven, Conn., 1917, 3½%	12,000		11,700
New York Cy., 1954, 3½%	20,000		17,575

† Statements according to Connecticut standard.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
New York Cy., 1917, 3½%	\$20,000		\$19,500
New York Cy., 1956, 4½%	40,000		39,800
Norfolk, Va., 1932, 4½%	10,000		9,400
Norfolk, Va., imp., 1936, 4½%	25,000		23,250
Richmond, Va., 1943-38, 4½%	18,000		17,100
Atch. T. & S. F. R. R., 1906, 4½%	25,000		22,000
Atl. Cst. L. R. R., 1 ca. 4½% Bonds, 1932, 4½%	20,000		18,750
Bing. & Lest. & Un. N. Y., 1 m., 1925, 5½%	10,000		10,000
Birm. Ry. Lt. & Pow., 1964, 4½%	20,000		18,050
Bridg. Conn., tc., 1 m., 1923, 8½%	10,000		10,250
Chi. & E. Ill. R. R., r., 1965, 4½%	30,000		10,500
Chi. & E. Ill. R. R., rec., 1915, 6½%	20,000		20,000
Chi. Ry., 1 m., 1927, 5½%	75,000		73,900
Chi. P. & Pac., r., 1934, 4½%	20,000		15,350
Clev., Cin., Chi. & St. L. R. R., 1909, 4½%	10,000		7,700
Conn. Ry. & Ltg., 1 r. m., 1951, 4½%	28,000		26,040
Ca. Ry., d., 1954, 4½%	6,000		4,560
Ca. Ry., gr. d., 1956, 4½%	30,000		22,800
Erie R. R., n. ca. pr. in., 1908, 4½%	30,000		25,200
Erie R. R., gn. in., reg., 1906, 4½%	10,000		7,350
Kan. Cy., Ft. Sc. & Mem. Gtd., r. m., 1936, 4½%	50,000		36,870
Kan. Cy., Ft. Sc. & Mem., ca. m., 1923, 6½%	4,000		4,430
L. I. R. R., 1 m. gr. r., 1949, 4½%	20,000		19,000
L. & N. & So., 1952, 4½%	30,000		25,800
Meriden, Conn., H. R. R., 1 m., 1924, 5½%	12,000		12,240
M. H. & F. Mass. St. Ry., 1 m., 1918, 5½%	5,000		4,900
Minn. & St. L. R. R., 1 m., 1949, 4½%	18,000		9,600
Mo. Pac. R. R., col. tr., 1920, 5½%	30,900		27,700
Mo. Pac. R. R., ca. 1 m., 1920, 6½%	10,000		10,200
N. Y. N. H. & H. R. R., d., 1956, 4½%	9,000		6,800
N. Y. N. H. & H. R. R., d., 1948, 6½%	10,000		10,900
N. Y. N. H. & H. R. R., d., 1955, 4½%	21,000		16,100
N. Y. N. H. & H. R. R., 1915, 5½%	25,000		24,500
N. Y. State Ry., 1962, 4½%	40,000		35,600
Nor. & W. Ry., cv., 1938, 4½%	3,000		3,100
No. Pac. R. R., gn. in., 2047, 3½%	30,000		20,100
Ore. Sh. L., gr. r., 1929, 4½%	20,000		18,300
P. & E. R. R., 1 m., 1940, 4½%	10,000		7,300
R., J. C., col., 1951, 4½%	25,000		23,700
St. L. I. Mtn. & So. Ry., 1 m., 1933, 4½%	50,000		37,000
So. Pac. R. R., col. tr., 1949, 4½%	36,000		32,100
So. Ry. M. & O. Col., tr., 1933, 4½%	40,000		32,100
So. Ry., 1 m., 1904, 5½%	40,000		42,100

SECURITY INSURANCE COMPANY OF NEW HAVEN, New Haven, Conn.—Cont.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.	BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.			STOCKS.—Cont.		
So. Ry. 1934, 4%	\$20,000	\$14,875	So. Adj. Bur.	\$300	\$300
2nd Ave. N. Y. Ry., 1 r. m., 1960, 4%	19,000	15,980	Undwtr Bldg., N. Y.	500	625
2nd Ave. N. Y. Ry. adj. inc., 1960, 5%	24,000	19,060	W. Adj. & Insp.	100	140
Tri-City Ry. & L. A. col. tr., 1923, 5%	20,000	19,450	W. U. Tr.	56,000	22,340
U. S. Ry. St. L., 1 m., 1934, 4%	30,000	21,150			
U. T. Albany, ex. m., 2004, 4%	30,000	28,200	Totals (book value, \$3,028,203)	\$3,100,325	\$2,977,896
Wab. R. Tr., 1 m., 1931, 5%	4,000	8,640			
Amer. Tr. & Tr., cv., 1933, 4%	27,100	26,693			
Amer. Tr. & Tr., 1929, 4%	41,000	36,490			
Bridgeport Hyd., 1915, 6%	5,000	5,000			
Bull. Mach. Tool, 1919, 6%	12,000	12,000			
Cent. Lea., 1 m., 1925, 5%	35,000	34,825			
Chi. Tr. 1923, 5%	15,000	15,169			
Co. Ga. N. Y.	17,500	1,684			
Co. Ga. El. L. & Pow., Balt., 1935, 4%	20,000	17,950			
Cumberland Tr. & Tr., 1 m., 1937, 5%	30,000	29,250			
Elmura Wat. L. & E. R. ex. m., 1956, 5%	10,000	9,300			
Gas & El. of Bergen Co., ex. m., 1954-49, 5%	25,000	24,812			
Gas El. Co., ex. d., 1952, 5%	9,000	9,540			
Gas Rub., 1915, 4%	30,000	29,513			
Gas El. 1 m., 1930, 5%	20,000	20,000			
Highwood, 1924, 6%	30,000	30,000			
Hocking Val. Pro., 1 m., 1961, 5%	7,500	3,000			
Int. Sil. 1 m., 1948, 6%	21,000	23,100			
Int. St. Pump, 1 m., 1929, 5%	10,000	3,500			
Kan. Cy. Hm. Tr. 1923, 5%	10,000	8,900			
Laclede Co. L. A. St. L. & ex. m., 1934, 5%	30,000	30,188			
Mich. State Tr., 1 m., 1924, 5%	45,000	44,887			
Min. Co. El., 1934, 5%	20,000	20,000			
M. Rd. N. Y., 1946, 4%	18,000	18,200			
Nat. N. J., ex. m., 1 m., 1948, 5%	10,000	10,600			
N. Eng. Tr. & Tr., 1932, 5%	25,000	25,313			
N. Haven Hotel, 1 m., 1916, 6%	50,000	50,000			
N. L. Co. & El. 1 m. & r. m., 1933, 5%	15,000	15,000			
N. M. Pow. 1 m., 1932, 5%	29,000	29,290			
N. Y. Co. El. L. A. Ht. & Pow., 1949, 4%	47,000	43,900			
N. Y. & Q. El. L. A. & Pow., 1 m., 1930, 5%	25,000	25,250			
N. Y. Tr. 14 ga. m., 1939, 4%	30,000	29,325			
Nagars Falls, 1 m., 1932, 5%	31,000	31,775			
Ocant. Wat. Pow., 1 m., 1934, 6%	7,000	7,000			
Par. Tr. & Tr., col. tr., 1 m., 1937, 5%	50,000	48,500			
People's Gas L. & Coke, Chi., r. m., 1947, 5%	30,000	30,337			
Secur. Typewr., 1 m., 1930, 6%	15,000	15,000			
So. Bell Tr. & Tr., 1 m., 1941, 5%	50,000	49,000			
Univ. Bldg., 1 m., 1923, 5%	17,000	17,000			
United Fruit, ex. l., d., 1923-25, 4%	40,000	37,550			
United Illum., 1940, 4%	20,000	19,000			
U. S. Rubber, col. tr., 1918, 6%	20,000	20,575			
U. S. Steel, ex. l., 1953, 5%	50,000	51,375			
Wm. El. 1 m., 1922, 5%	35,000	35,700			
W. Tr. & Tr., col. tr., 1932, 5%	50,000	48,513			
W. U. Tr., col. tr., 1938, 5%	20,000	19,500			
W. U. Tr. L. & R. ex. m., 1950, 4%	49,000	45,141			
Worcester El. & Mfg., ex. l., cv., 1931, 5%	20,000	19,100			
STOCKS.					
Chv., Cm., Chi. & St. L. Ry.	10,000	5,125			
Conn. Ry. & Lg. com.	54,000	32,940			
Conn. Ry. & Lg. p.	74,700	48,555			
Del. & Hud. Can.	12,000	17,880			
H. Cent. R. R.	23,000	26,230			
Metals & O. R. R.	10,000	8,500			
N. Y. N. H. & H. R. R.	2,500	1,543			
Rockf. & West. R. R.	20,000	17,800			
No. R. R. of N. J.	30,000	16,400			
Trm City R. Tr., p.	10,000	13,675			
Trm City R. T. com.	800	824			
Amer. Ench. Nat. Bk., N. Y.	10,000	21,000			
1st Nat. Bk., N. H.	13,200	24,606			
Merch. Nat. Bk., N. H.	7,500	10,500			
Nat. N. H. Bk., N. H.	21,000	42,000			
2nd Nat. Bk., N. H.	17,600	35,200			
Amer. Tr. & Tr.	35,500	43,665			
Co. Ga. & El.	10,000	7,000			
Co. Ga., N. Y.	70,000	90,475			
Darby Co.	17,150	24,696			
Gas. Adj. Bur.	250	250			
Hocking Valley Pro., com.	5,000	175			
Mich. State Tr.	10,000	8,950			
N. H. Co. L.	28,535	45,640			
Ocant. Wat. Pow.	13,500	10,125			
Par. Tr. & Tr., p.	10,000	9,125			
Southern N. Eng. Tr.	130,000	182,000			

MISCELLANEOUS: Capital increased in 1887 from \$200,000 to \$250,000; reduced to \$300,000 in 1893; increased in 1899 to \$300,000; in 1903 to \$400,000; 1905 to \$500,000; in 1906 reduced to \$312,500 and later increased to \$500,000, the new stock netting a premium of \$112,500; capital increased in 1910 to \$700,000, the new stock netting a premium of \$200,000. Capital increased in 1911 to \$1,000,000 and \$300,000 realized as premium on the new stock issued. Confession losses: Baltimore, 1904, \$786; San Francisco, 1906, \$417,194. Value of special deposits: Ga., \$8,800; Va., \$49,850.

DIRECTORS: Joel A. Sperry, John W. Alling, E. G. Stoddard, John T. Manson, Chas. H. Nettleton, James S. Hemingway, D. A. Blakelee, Eli Whitney, J. T. Moran, Louis E. Stoddard, Arnon A. Alling.

FIELD MEN AND TERRITORY COVERED: Home office R. H. M. Stuart, general agent, Phila., Pa., for E. Pa., Del., Md., D. C. and So. N. J.; C. A. Stroebel, special agent, New York City, for No. N. J. and N. Y. Suburban; P. B. Jarvis, special agent, Syracuse, N. Y., for N. Y.; Fred M. Bleuit, special agent, Pittsburg, Pa., for W. Pa. and W. Va.; F. A. Nutt, special agent, Boston, Mass., for New England; S. R. Chidey, special agent, New Haven, Conn., for Conn.; Harold S. Guy, special agent, Middletown, Conn., for Conn.; J. M. Norris, special agent, Columbus, Ohio, for Ohio; W. P. Johnson, State agent, Louisville, Ky., for Tenn. and Ky.; H. B. Griffin, special agent, Natchez, Miss., for Ark., La. and Miss. Western department: Walter D. Williams, manager, Rockford, Ill.; E. K. Crawford, assistant manager, Rockford, Ill.; E. I. Crockett, special agent, Pueblo Colo., for Colo. and Wyo.; F. J. Dudley, special agent, Green Bay, Wis., for Wis.; E. A. Davis, State agent, Minneapolis, Minn., for Minn., N. D. and S. D.; J. P. Wolfe, special agent, Moorehead, Minn., for N. D. and S. D.; W. E. Griffith, State agent, Kansas City, Kan., for Kan. and Mo.; B. S. Smith, special agent, Wichita, Kan., for Kan.; C. A. Wehmeyer, State agent for Mich., Ann Arbor, Mich.; E. T. Tanner, State agent, Paris, Ill.; J. W. Shepard, Jr., special agent, Oakland, Ill., for Ill.; H. M. Greenberg, special agent for Ill., Rockford, Ill.; Chas. T. Beasley, State agent, Ia., Des Moines, Ia.; John F. Zimmer, State agent for Neb., Lincoln, Neb.; H. C. Upham, Indianapolis, State agent for Ind.; J. A. Stillwell, special agent, Vincennes, for Ind. Pacific Coast department: E. E. Potter & Sons, general agents, San Francisco, Cal.; E. G. Potter, superintendent of agencies, San Francisco, Cal.; R. H. Davis, special agent, San Francisco, Cal., for No. Cal.; C. H. Gatchel, special agent, Los Angeles, Cal., for So. Cal. and Ariz.; C. R. Kerns, special agent, Seattle, Wash., for Ore. and Wash.; E. A. Parsons, special agent, Portland Ore., for Ore.; Chas. Dunlop, special agent, Bozeman, Mont., for Mont., Utah and Ida. Southern department: Jerome and Brown, managers, Atlanta, Ga.; J. B. Daniell, special agent, Birmingham, Ala., for Ala.; P. B. Travis, special agent, Jacksonville, Fla., for Fla.; Geo. W. Gantt, Jr., special agent, Macon, Ga., for Ga.; J. W. Cowan, special agent, Charlotte, N. C., for N. C. and S. C.; J. Hunter White, special agent, Richmond, Va., for Va. Southwestern department: T. A. Manning, general agent, Dallas, Tex.; W. K. Jones, Dallas, Tex., special agent for north Tex. The company operates in all the States of the United States except Alas., N. M., Nev. and Vt.

SENECA FIRE INSURANCE COMPANY, Buffalo, N. Y.

President, William F. Kasting; Secretary, A. H. Tracy, Jr.; Assistant Secretary, P. G. Enser. Incorporated, 1912.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$422,637	\$10,645	\$209,948	\$16,190	\$30,244	\$2,554	.....	\$14,395	\$16,949	\$3,957

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans....	\$118,200	Losses unpaid.....	\$1,513
Bonds and stocks....	166,740	Unearned prems....	10,645
Cash.....	126,688	Other liabilities.....	531
Agents' balances....	3,358		
Interest.....	7,651	Total liabilities....	\$12,689
		Capital paid up....	200,000
		Net surplus.....	209,948

Total assets..... \$422,637 Total..... \$422,637

Underwriting loss, \$14,039; investment profit, \$22,149.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,764,242; premiums thereon, \$15,853.

MORTGAGE LOANS: The 37 loans are secured by Buffalo properties valued at at least 50 per cent. more than amount loaned thereon. Only 7 loans exceed \$4,000 in amount. No interest was past due on December 31, last.

BONDS OWNED:		Par Value.	Market Value.
Buffalo, Bird ave. tk. sr. r., 1915-33....		\$23,750	\$23,963
Buffalo, Cy. Pk., 1915-23.....		36,000	38,070

BONDS OWNED.—Cont.		Par Value.	Market Value.
Geneva Spl. Appron., 1915-27.....		\$51,000	\$53,090
N. Y. Cy. co. stk., 1922.....		3,000	2,880
N. Y. Cy., corp. stk., 1921-8.....		18,000	17,280
Springville, N. Y., 1915-29.....		30,808	31,527
Totals.....		\$162,558	\$168,740

MISCELLANEOUS: This company, which had been in process of organization since 1912, began transacting a general fire business February 1, 1914, with \$200,000 capital fully paid up and \$200,000 initial cash surplus. For the present it will confine its operations to New York State.

DIRECTORS: A. H. Burt, Christian Flierl, Wm. F. Kasting, Louis Kinkel, F. A. Mendlein, Jacob E. Mueller, George C. Riley, John B. Schaefer, A. H. Tracy, Jr., D. L. Tuttle, Chas. E. Wiessman, Conrad Flierl, Jr., Wm. L. Heinrich, A. A. Adams and H. J. Wals.

TERRITORY COVERED: Crum & Forster, 95 William st., New York City, are managers for the Metropolitan District.

SHAWNEE FIRE AND MARINE INSURANCE COMPANY, Lima, O.

The Shawnee Fire and Marine has been organized at Lima, O., with a capital stock of \$100,000 and a surplus of \$50,000, according to its plans. A license will be applied for shortly. The incorporators include Elmer D. Webb of Lima, F. B. Cotner of Lafayette, G. A. Stauffer of Ottawa, and John G. Heinrich of Wapakoneta.

Recently plans were approved by the directors of this company and those of the Ohio Commonwealth of Cleveland to amalgamate the two companies in order to insure an early assumption of business.

SOUTH CAROLINA INSURANCE COMPANY, Columbia, S. C.

President, Edwin G. Seibels; Secretary, John J. Seibels; Organized, 1910.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$136,283	\$29,054	\$54,067	\$34,515	\$42,812	\$25,745	.....	\$15,863	\$41,608	\$25,951
1913	135,634	28,535	53,071	34,543	42,477	22,739	.....	14,747	37,486	20,651
1912	130,642	24,176	50,651	32,305	38,780	14,911	.....	12,863	27,594	20,721
1911	118,880	17,658	50,389	25,701	*56,202	6,232	.....	10,895	16,917	8,211
1910	53,801	5,623	23,957	9,225	10,100	.....	.....	14,711	4,711	.....

* Includes \$25,793 surplus paid in. † Includes organization expenses, \$493.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans....	\$123,000	Losses unpaid.....	\$3,172
Cash.....	8,372	Unearned prems....	29,054
Agents' balances....	6,656		
Interest.....	3,255	Total liabilities....	\$32,226
		Capital paid up....	50,000
		Net surplus.....	64,067

Total assets..... \$136,283 Total..... \$136,283

Underwriting loss, \$7,063; investment profit, \$8,297.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,549,539; premiums thereon, \$56,601.

LOSSES PAID SINCE ORGANIZATION: \$70,181.

MORTGAGE LOANS: There are 20 loans, aggregating \$123,000, and are protected by first liens on improved city property valued at more than double the amount loaned. No interest was due on December 31, last.

MISCELLANEOUS: This company was organized in 1911 with an authorized capital stock of \$100,000, of which \$24,200 had been paid in up to December 31, 1910, and during 1911 the paid up capital was increased to \$50,000 and \$25,793 surplus paid in Company operates only in S. C.

DIRECTORS: Ben. F. Taylor, W. D. Melton, August Koh, Edwin G. Seibels, John J. Seibels, Joseph Norwood, Edwin W. Robertson, J. J. Lawton, A. M. Law, P. W. Sullivan, Richard Manning, W. R. Barringer, G. M. Berry, Chas. E. Command, J. D. Dial, Chas. J. Bruce.

SOUTHERN HOME INSURANCE COMPANY OF CHARLESTON, S. C.

President, Oscar E. Johnson; Secretary, Dillard B. Sewell. Organized, 1911.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$141,033	\$22,082	\$17,372	\$27,189	\$34,335	\$14,931		\$12,880	\$27,811	\$15,794
1913	134,248	23,035	16,326	31,157	*37,314	17,510		14,280	31,790	16,230
1912	128,465	18,525	14,034	27,325	*39,961	10,730		13,479	24,209	14,336
1911	78,106	11,906	8,003	21,510	*38,036	3,534		13,969	17,503	3,795

* Includes \$14,475 surplus paid in 1911, \$8,535 in 1912, and \$2,293 in 1913.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$32,700	Losses unpaid	\$3,741
Bonds and stocks	79,580	Unearned prems	22,082
Collateral loans	8,800	Res. for div.	5,538
Cash	14,106		
Agents' balances	4,636	Total liabilities	\$31,361
Interest and rents	1,211	Capital paid up	92,300
		Net surplus	17,372
Total assets	\$141,033	Total	\$141,033

Underwriting loss, \$797; investment profit, \$7,381.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,432,302; premiums thereon, \$42,366.**BUSINESS SINCE ORGANIZATION:** Premiums received, \$107,136; losses paid, \$46,413; dividends declared, cash, \$5,538.
MORTGAGE LOANS: There are 6 loans, aggregating \$32,700 on lands in S. C., valued at \$65,500. There was no interest past due on December 31, last. The company holds \$31,050 insurance on the buildings.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Aiken, S. C., 4 1/2%		\$1,000	
Planters Fertil.		2,800	\$2,900
Planters Fertilizer		4,000	2,500
Alan Jewelry Co.		3,000	2,000
Charleston, 4%		970	
Realty Inv. Co.		500	1,400
Totals		\$12,270	\$8,800

BONDS OWNED:		Par Value.	Market Value.
Charleston, S. C., 4%		\$10,000	\$9,700
Sumter, S. C., 4 1/2%		3,000	3,000
Aiken, S. C., 4 1/2%		10,000	10,000
Spartanburg, S. C., 6%		2,000	2,080
Lancaster, S. C., 5%		5,000	5,100
Rock Hill, S. C., 5%		6,000	6,060
Timmons ville, S. C., 5%		3,000	3,000
Sumter Co., S. C., 4 1/2%		1,000	1,000
Clinton, S. C., 5%		7,000	7,070
Kingstree, S. C., 5%		5,000	5,000
Abbeville, S. C., 5%		2,500	2,550
Honea Path, S. C., 5 1/2%		3,000	3,060
Gaffney, S. C., 5%		4,000	4,080
Edgefield, S. C., 5%		7,000	7,140
Atlanta, Ga., 4 1/2%		5,000	5,100
New Orleans, La., 4%		5,000	4,700
Wilmington, N. C., 4%		1,000	940
Totals		\$79,500	\$79,580

MISCELLANEOUS: This company was organized in January, 1911, with a proposed capital of \$150,000 and a surplus of \$37,500. It was licensed in South Carolina in February, 1911, and on December 31, 1911, possessed a paid-up capital of \$57,900. Capital increased \$34,140 and surplus, \$8,535, during 1912; capital increased to \$92,300 in 1913, and \$2,293 surplus added.**DIRECTORS:** E. H. Pringle, Leroy Springs, Jno. T. Leonard, E. K. Marshall, W. J. Murray, H. Pearline, J. Brittlebank, David R. Coker, A. W. Litchig, A. T. Smythe, Oscar E. Johnson, D. B. Sewell.**FIELD MEN AND TERRITORY COVERED:** O. E. Johnson, Charleston, S. C., general agent: The company operates in S. C. only.

SOUTHERN STOCK FIRE INSURANCE COMPANY, Greensboro, N. C.

President and Treasurer, A. W. McAlister; Vice-President, A. M. Seales; Secretary, C. A. Mebane. Organized, 1895.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$418,564	\$93,845	\$95,026	\$91,361	\$109,994	\$49,085	\$3,400	\$38,335	\$95,820	\$46,435
1913	\$402,152	87,670	82,139	89,000	104,115	40,731	8,400	40,486	89,617	42,962
1912	\$394,772	75,010	79,650	81,596	93,234	41,710	8,400	32,738	82,548	40,793
1911	\$374,116	73,701	69,386	80,922	96,450	41,617	8,400	32,587	82,604	42,246
1910	\$360,232	70,473	59,359	77,957	87,113	32,161	8,400	31,283	71,844	33,854

c Includes \$100,000 stockholders' bonds.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$147,430	Losses unpaid	\$1,293
Bonds and stocks	117,385	Unearned prems	93,845
Collateral loans	21,250	D. W. unpaid	8,400
Cash	9,080		
Agents' balances	18,612	Total liabilities	\$103,538
Interest and rents	3,529	Stockholders bds.	100,000
Other assets	1,328	Capital paid up	120,000
Stockholders bds.	100,000	Net surplus	95,026
Total assets	\$418,564	Total	\$418,564

MORTGAGE LOANS: There are 77 loans, aggregating \$147,430, protected by improved real estate, situated in N. C., S. C., Ga. Va. and W. Va., estimated to be worth \$549,330. Interest past due on Dec. 31, last, was \$864, the company holding \$184,068 of insurance on the buildings.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
110 shrs. So. Life & Tr.		\$22,000	\$10,000
65 shrs. Greensboro Nat. Bk.		10,560	
9 shrs. N. C. Tr. Cl.		1,085	9,500
15 shrs. Underwriters of Greensboro		1,500	
Weyong & Miles		1,700	
5 shrs. So. Life & Tr.		1,000	750
1 Bond Greensboro News Co.		1,000	1,000
Totals		\$38,795	\$21,250

STOCKS OWNED:		Par Value.	Market Value.
Hunter Mfg. & Com. Co.		\$20,800	\$26,000
So. Real Estate Loan & Tr.		5,000	18,500
Am. Warehouse Co.		10,000	5,000
N. C. Tr. Co.		34,500	39,675
Am. Exchange Nat. Bk.		10,000	11,200
So. Underwriters		16,200	17,010
Totals		\$96,500	\$117,385

MISCELLANEOUS: Company was formerly mutual; in 1905 name changed from Southern Stock Mutual to Southern Stock Fire with a paid-up capital of \$100,000 and stockholders' bonds of \$100,000; paid-up capital increased in 1909 to \$120,000 by transferring \$20,000 surplus to capital.**DIRECTORS:** B. D. Heath, Bennahan Cameron, A. W. McAlister, J. W. Scott, R. G. Vaughn, Frank P. Tate, Wm. E. Holt, J. Van Lindley, A. M. Seales, Ellison A. Smythe, E. J. Davis, C. A. Mebane, Robt. J. Mebane, S. B. Tanner, R. C. Hood.**FIELD MEN AND TERRITORY COVERED:** A. W. McAlister, manager; C. A. Mebane, assistant manager; W. E. Ashley, adjuster and special agent for S. C.; A. T. Freyer, special agent for N. C. The company operates in N. C. and S. C.

SOUTHERN UNDERWRITERS, Greensboro, N. C.

President and Treasurer, A. W. McAlister; Secretary, C. A. Mebane. Organized, 1903.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$394,776	\$118,552	\$59,806	\$109,805	\$129,510	\$85,385	\$12,000	\$47,950	\$125,335	\$64,499
1913	386,734	113,231	56,199	108,735	128,317	48,430	12,000	50,668	111,098	50,738
1912	367,332	105,807	46,816	103,877	119,281	51,764	12,000	41,651	105,415	50,925
1911	353,990	104,167	33,975	101,257	114,037	52,169	12,000	40,727	104,896	52,016
1910	344,849	102,417	26,432	103,440	126,557	63,652	12,000	41,991	117,643	66,815

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$204,308	Losses unpaid.....	\$4,418
Bonds and stocks.....	136,795	Unearned prems.....	118,552
Collateral loans.....	14,965	Other liabilities.....	12,000
Cash.....	8,315		
Agents' balances, etc.	23,574	Total liabilities.....	\$134,970
Interest and rents.....	4,625	Capital paid up.....	200,000
Other assets.....	2,194	Net surplus.....	\$9,806
Total assets.....	\$394,776	Total.....	\$394,776

MORTGAGE LOANS: There are 71 loans, aggregating \$204,308; protected by property in N. C., S. C., W. Va. and Va., valued at \$873,025. There was \$459 of interest past due on Dec. 31, last. Company holds \$245,855 of fire insurance on the mortgaged buildings.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
So. Life & Tr.....		\$7,000	
Greensboro Sec.....		1,100	\$6,965
Parker-Hunter Realty.....		800	
Greensboro Nat. Bk.....		1,120	
Amer. Exchange Nat. Bk.....		1,792	8,000
So. Underwriters.....		3,675	
Underwriters of Greensboro.....		3,000	
Totals.....		\$18,187	\$14,965

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Va. Century.....		\$9,516	\$9,516
Imperial Co.....		3,000	3,000

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Stocks.			
Union Supply & Cotton.....		\$21,000	\$21,000
N. C. Tr.....		58,500	67,273
Bainbridge, Ga.....		5,000	5,165
Warren Co., Ga.....		5,000	5,040
Sanford Cotton Mills.....		5,000	4,900
Amer. Exch. Nat. Bk.....		15,000	16,990
Amer. Warehouse.....		10,000	5,000
Totals.....		\$132,016	\$134,776

MISCELLANEOUS: Policies issued under the above title were, prior to 1908, guaranteed by the Southern Stock Fire Southern Life and Trust, Underwriters of Greensboro and Home of Greensboro. Since 1908 the Southern Underwriters discontinued this arrangement and absorbed the Home of Greensboro, starting operations with a capital of \$150,000, which was increased in 1909 to \$200,000, and \$4,900 realized as premium on the new stock.

DIRECTORS: H. L. Hopkins, James P. Sawyer, B. D. Heath, W. E. Holt, J. S. Carr, J. Van Lindley, J. W. Scott, J. M. Hendrix, A. M. Scates, Z. V. Taylor, R. G. Vaughn, A. W. McAlister, C. A. Mebane, E. J. Davis, Ellison A. Smyth, R. P. Richardson, Jr., C. W. Battie, W. H. Watkins, J. E. Latham, W. A. Smith, Chas. H. Herty, S. L. Alderman, W. J. Hoge, R. C. Hood.

FIELD MEN AND TERRITORY COVERED: A. W. McAlister, manager, and C. A. Mebane, assistant manager; W. E. Ashley, adjuster, Greensboro, N. C.; A. T. Preyer, Greensboro, N. C., special agent for N. C.; T. D. Dupuy, Greensboro, N. C., for Va.; A. L. Woods, special agent, Atlanta, Ga., for Ga. The company operates in Ga., N. C., S. C., Va. and W. Va.

SPRINGFIELD FIRE AND MARINE INSURANCE COMPANY, Springfield, Mass.

President, A. W. Damon; Vice-President, C. E. Galacac; Secretary, W. J. Mackay; Assistant Secretaries, Prioleau Ellis, E. H. Hildreth; Geo. G. Bulkeley; Treasurer, F. H. Williams. Organized, 1849.

YEAR	Assets*	Unearned Premiums	Net Surplus*	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$10,949,929	\$5,542,966	\$1,969,961	\$5,880,495	\$6,335,788	\$3,502,150	\$250,000	\$2,302,069	\$6,054,239	\$3,543,794
1913	10,943,903	5,286,835	2,331,374	5,743,118	6,204,260	3,041,012	200,000	2,363,061	5,504,073	3,006,642
1912	11,056,693	5,001,291	3,266,054	5,456,731	5,921,483	2,934,564	200,000	2,165,576	5,300,140	2,913,389
1911	10,407,848	4,790,798	2,870,708	5,244,628	5,667,940	3,049,658	200,000	2,047,598	5,297,256	3,006,021
1910	9,968,143	4,575,479	2,642,281	5,243,334	5,605,622	2,894,409	200,000	2,100,397	5,194,806	2,933,061

*On New York Ins. Dept. basis.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$300,000	Losses unpaid.....	\$583,700
Mortgage loans.....	2,053,870	Unearned prems.....	5,542,966
Bonds and stocks.....	6,639,697	Other liabilities.....	353,302
Cash.....	778,304		
Agents' balances.....	1,301,893	Total liabilities.....	\$6,479,968
Interest.....	66,786	Capital paid up.....	2,500,000
		Net surplus.....	1,969,961
Total.....	\$11,039,550		
Spl. dep. over liab.....	89,621		
Total assets.....	\$10,949,929	Total.....	\$10,949,929

Underwriting loss, \$269,321; investment profit, \$247,530.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$996,498,316; premiums thereon, \$10,666,815.

BUSINESS SINCE ORGANIZATION: Premiums received, \$109,220,103; losses paid, \$61,973,344; dividends declared, cash, \$6,804,542; stock, \$2,000,000.

REAL ESTATE OWNED: Consists of the company's home office building, a granite structure at State and Maple sts., Springfield, Mass. This is carried at its book value, \$300,000, although it actually cost \$453,506.

MORTGAGE LOANS: There are 113 loans, aggregating \$2,063,870, and protected by properties (all but a few in Springfield, valued at \$3,718,300, and on which the company holds in guarantee to the amount of \$1,434,775. But 17 loans exceed \$10,000 in amount, the largest being \$360,000 on brick mercantile block 328-336 Main st., Springfield, valued at \$625,000. The four next largest loans are \$200,000 on office bldg. at Main and Fort st. Springfield, valued at \$350,000; \$180,000 on 349-353 Main st. Springfield, valued at \$350,000; \$180,000 on brick mercantile block, 378-382 Main st., Springfield, valued at \$300,000; and \$173,000 on brick mercantile block, 106-116 Main st., Springfield, valued at \$300,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Brantford, Ont., d. 1942, 4½.....		\$60,000	\$57.6
Calgary, Alta., d. 1933, 5%.....		60,000	49.0
Georgia, reg. 1915, 4½.....		10,000	10.0
Hamilton, Ont., d. 1932, 4%.....		12,000	10.9
Hamilton, Ont., d. 1934, 4½.....		38,000	34.5
Montreal, Cath. se. 1948, 4%.....		25,000	22.2
Montreal, Prot. bd. se. comm. 1938, 4%.....		25,000	22.7
Outremont, Que., se. d. 1950, 4½%.....		60,000	42.0
Port of Portland, Ore., dr. dk., 1933, 4%.....		60,000	46.0

SPRINGFIELD FIRE AND MARINE INSURANCE CO., Springfield, Mass.—Cont.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
Bonds.—Cont.		
Regina, Sask. d. 1928, 5%.....	\$20,000	\$19,600
Richmond, Va. reg. 1938, 4%.....	55,000	51,650
Toronto, gn. ex. l. d. 1948, 4%.....	27,000	26,460
Valencia Co. N. M. r. 1932, 5%.....	10,000	10,300
Victoria, B. C. d. 1938, 4%.....	20,000	27,900
Victoria, B. C. d. 1961, 4%.....	15,000	12,450
Westmont, Que. d. 1965, 4%.....	15,000	14,400
Westmont, Que. d. 1947, 4%.....	35,000	33,600
Winnipeg, Man., loc. imp. 1925, 4%.....	25,000	23,500
Winnipeg, Man., Md. et. lg. d. 1928, 4%.....	30,000	28,200
Winnipeg, Man., w. w. d. 1934, 4%.....	5,000	4,550
Winston, N. C. 1940, 4%.....	30,000	29,400
Canadian Pac. Ry. a. ed., 1924, 6%.....	17,200	17,888
Ch. Mil. & St. P. Ry. cv. g., 1938, 4%.....	45,000	45,900
N. Y. N. H. & H. R. R., cv. d. c., 1948, 5%.....	44,000	46,640
N. Y. N. H. & H. R. R., cv. d. reg., 1948, 5%.....	20,000	21,200
Penn. Ry. 1 & r. m. reg., 1925, 5%.....	100,000	95,000
So. Pac. reg. cv. g., 1929, 4%.....	50,000	43,000
So. Pac. cv. g., 1934, 5%.....	20,000	20,400
No. Ry. cv. d. ed., 1919, 4%.....	1,000	820
Amer. Tl. & Ig. cv. g., 1933, 4%.....	12,000	11,880
Amer. Wg. Paper, a. l., 1919, 5%.....	100,000	67,000
Ver. Eng. Inc. & Sec., p.....	10,000	10,500
West United Gas & El., Ill., 1940, 5%.....	50,000	49,000
STOCKS.		
A. T. & S. Fe Ry., com.....	50,000	49,500
A. T. & S. Fe Ry., p.....	50,000	51,500
B. & O. R. R., com.....	122,500	109,025
B. & O. R. R., p.....	12,000	9,720
C. & P. Ry., com.....	85,000	168,560
E. M. & St. P. Ry., com.....	100,000	99,000
Ch. Mil. & St. P. Ry., p.....	200,000	208,000
Ch. & N. Va. Ry., com.....	125,000	166,250
Cons. Riv. R. R., com.....	40,000	72,000
Co. No. Ry., p.....	118,000	146,320
Holston St. Ry.....	106,000	156,450
Ill. Cent. R. R.....	115,000	128,900
Manitoba Ry.....	150,000	199,500
N. Y. N. H. & H. R. R.....	600,000	380,000
No. Pac. Ry.....	100,000	111,000
Pa. R. R.....	300,000	333,000
Ver. Pac. com.....	100,000	95,000
Ver. Ry., p.....	50,000	34,000
Ver. R. R. R., com.....	100,000	128,000
Bylines Nat. Bk., Boston.....	15,000	18,750
Capa Nat. Bk., Springfield.....	25,000	28,750
Chapman Nat. Bk., Springfield.....	30,000	51,900
City Nat. Bk., Holyoke.....	30,000	33,300
First Nat. Bk., Boston.....	125,000	562,500
First Nat. Bk., Northampton.....	9,900	13,464
Holyoke Nat. Bk.....	10,000	19,800
Merchants Nat. Bk., Boston.....	15,000	46,950
Merchants Nat. Bk., Worcester.....	50,000	97,500
Nat. Bk. of Commerce, N. Y.....	30,000	50,400
Nat. Shawmut Bk., Boston.....	171,400	351,370
Northampton Nat. Bk.....	12,200	64,400
Nat. Bk. of Mass., Boston.....	10,000	12,600
Old Colony Trust, Boston.....	30,000	92,400
Springfield Nat. Bk.....	50,000	145,000
Third Nat. Bk., Springfield.....	20,000	46,600
Windsor & Alton Nat. Bk., Boston.....	50,000	116,000
Am. Tl. & Ig.....	10,000	20,500
Frederick Gas & El. Lt.....	50,000	48,500
Frederick Gas & El. Lt.....	60,000	73,800
Frederick Gas & El. Lt.....	30,000	73,200
Frederick Gas & El. Lt.....	10,000	42,000
Frederick Gas & El. Lt.....	20,000	90,000
Frederick Gas & El. Lt.....	100,000	91,000
Frederick Gas & El. Lt.....	100,000	85,250
Frederick Gas & El. Lt.....	100,000	85,250
Frederick Gas & El. Lt.....	290,000	360,900
Frederick Gas & El. Lt.....	90,000	189,500
Frederick Gas & El. Lt.....	18,000	39,200
Frederick Gas & El. Lt.....	50,000	135,000
Frederick Gas & El. Lt.....	1,000	1,000
Frederick Gas & El. Lt.....	1,000	1,500
Frederick Gas & El. Lt.....	28,000	71,400
Frederick Gas & El. Lt.....	12,500	11,625
Totals (book value, \$6,925,932).....	\$5,157,200	\$6,658,272

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Beginning with \$50,000 capital, increases were made by cash payments, as follows: 1851, \$50,000; 1853, \$50,000; 1859, \$50,000; 1864, \$100,000; 1866, \$200,000; and by stock dividends as follows: 1875, \$100,000; 1876, \$150,000; 1880, \$250,000; 1887, \$250,000; 1889, \$250,000; 1901, \$500,000. In 1913, capital was increased \$500,000 by stock dividend. Assessments were levied as follows: 1871 (65%), \$325,000; 1872 (30%), \$150,000. Conflagration losses: Chicago, 1871, \$527,120; Boston, 1872, \$259,294; Baltimore, 1904, \$440,813; San Francisco, 1906, \$1,639,068. Values of special deposits: Ga., \$10,000; N. M. \$10,300; N. C., \$29,400; Va., \$51,650; Can., \$431,660.

DIRECTORS: J. L. Pease, M. S. Southworth, Homer L. Bosworth, W. D. Kinsman, W. A. Harris, A. W. Damon, Chas. E. Galacer, Joseph Shattuck, A. F. Dean, Frederick Harris.

FIELD MEN AND TERRITORY COVERED: W. B. Crutten, special agent, W. Mass., Vt., Conn., Hartford, Conn.; J. B. Cornish, special agent, S. E. Mass., Centerville, Mass.; F. R. Galacer, special agent, E. Mass. and R. I., Boston, Mass.; M. S. Bradish, special agent, Me. and N. H., Portland, Me.; A. L. Mooney, Philadelphia, Pa., special agent for southeastern Pa., Md., D.C., Del. and southern N. J.; W. A. Hebert, Wilkes-Barre, Pa., special agent for northeastern Pa.; W. E. Brewster, Newark, N. J., special agent for central and northern N. J.; F. L. Curtis, Syracuse, N. Y., special agent for western N. Y.; Chas. R. Folson, Syracuse, N. Y., special agent for central N. Y.; Clark R. Hall, Albany, N. Y., special agent for eastern N. Y.; Platt, Yungman & Co., managers Philadelphia suburban department, Philadelphia, Pa.; Hubert W. Chapman, special agent for western Pa., Pittsburgh, Pa.; C. G. Smith, agent Metropolitan department, New York City; J. M. Rogers, special agent for Ky., Louisville, Ky.; J. M. Picton, special agent for Tenn., Nashville, Tenn.; L. T. Powers, special agent for La. and Miss., New Orleans, La.; R. P. Clower, special agent for Ga., Atlanta, Ga.; E. C. Jones, special agent for Ala. and Fla., Atlanta, Ga.; F. H. Spencer, special agent for N.C. and S. C., Charlotte, N. C.; Carroll L. Garnett, special agent for Va., Richmond, Va.; Murphy, Love, Hamilton and Bascom, provincial agents, Toronto, Ont.; Knowlton & Gilchrist, general agents, St. John, N. B.; J. W. Grier & Co., Montreal, general agents. Western department, 134 So. La Salle st., Chicago, Ill.; A. F. Dean, manager; J. C. Harding and W. H. Liniger, assistant managers; E. G. Carlisle, second assistant manager; J. W. Baker, manager Metropolitan district; State and special agents: C. B. Campbell, State agent, Little Rock, Ark., for Ark.; M. H. Collins, special agent, Denver, Colo., for southern Colo. and N. M.; F. W. Fidler, special agent, Denver, Colo., for northern Colo. and Wyo.; Charles E. Varley, supt. improved riak department, Chicago, Ill.; Homer Caldwell, State agent, Peoria, Ill.; F. W. Sundloff, special agent, Peoria, Ill., for Ill.; J. H. Hellekson, State agent, Indianapolis, Ind., for Ind.; C. W. Fracker, State agent, Des Moines, Ia.; C. D. Wadsworth, State agent, Des Moines, Ia., and Frank D. Carr, special agent, Des Moines, Ia., for Ia.; L. C. Gray, general agent, Kansas City, Mo., for Kan. and Mo.; C. W. Trapp and H. M. Rose, special agents for Kan., Kansas City, Mo.; F. T. McComber, State agent, Ann Arbor, Mich., for Mich.; J. R. Heenan, special agent, Detroit, Mich., for Mich.; E. C. Bowe, State agent, Minneapolis, Minn., for Minn.; A. B. Johnson, special agent, Minneapolis, Minn., for Minn.; T. H. Carlton, H. K. Liniger, special agents for Mo., Kansas City, Mo.; N. S. Harding, State agent, Nebraska City, Neb.; W. S. Harding, special agent, Nebraska City, Neb.; C. E. Babcock, special agent, Omaha, Neb.; A. H. Brown, special agent, Hastings, Neb., for Neb.; H. A. Presler, State agent, Fargo, N. D., for N. D.; R. T. Huggard, State agent, Columbus, O., for O.; R. S. Tidrick, special agent, Columbus, O., for O.; Guy H. Fuller, State agent, Oklahoma City, Okla., for Okla.; H. C. Clift, special agent, Oklahoma City, Okla., for Okla.; R. G. Stevens, State agent, Sioux Falls, S. D., for S. D.; E. A. Chisholm, State agent for north Tex., Dallas, Tex.; Herbert C. Ford, State agent of south Tex., San Antonio, Tex.; F. W. Shirer, State agent, Wheeling, W. Va., for W. Va.; E. G. Frasier, State agent, Milwaukee, Wis., for Wis.; F. W. Otto, special agent, 1329 Wells Bldg., Milwaukee, Wis., for Wis.; F. L. Heberling, general agent for Can., Winnipeg, Man., Can.; T. J. Cornelius, general adjuster, Kansas City, Mo.; John Gibbons, general adjuster, Dallas, Tex.; Chas. D. Eaton, resident manager, St. Louis, Mo. Pacific Coast department, corner California and Montgomery sts., San Francisco, Cal.; George W. Dornin, manager; John C. Dornin, assistant manager; Geo. C. Codding, F. H. Young and H. K. Nourse for northern Cal.; J. E. Crandall, for southern Cal. and Ariz., Los Angeles, Cal.; J. F. R. Webber, Portland, Ore., for Ore. and southern Wash.; C. H. Anderson, for Wash., northern Ida. and Mont., Seattle, Wash.; L. B. Rogers, Salt Lake City, for Utah, Nev., Mont. and southern Ida. The company operates in all the States of the Union, including the Hawaiian Islands and the Dominion of Canada.

STANDARD FIRE INSURANCE COMPANY, Hartford, Conn.

President, M. Lewin Hewes; Secretary, H. B. Anthony. Organized, 1909.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,629,951	\$592,747	\$211,398	\$672,835	\$852,422	\$352,774	\$40,000	\$301,008	\$693,782	\$375,573
1913	1,207,217	439,048	217,214	542,935	586,911	230,763	40,000	243,250	514,012	244,443
1912	1,182,190	333,624	302,806	438,109	490,515	168,414	20,000	197,880	404,294	176,300
1911	1,120,110	216,430	380,813	295,289	336,384	98,570	.....	137,807	236,377	104,901
1910	1,044,871	110,548	421,926	157,301	*676,096	17,473	.....	180,607	98,080	26,537

* Includes \$500,000 initial surplus paid in. † Excluding organization expenses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$1,363,355	Losses unpaid	\$61,925
Cash	108,089	Unearned premiums	592,747
Agents' balances	143,502	Other liabilities	13,981
Interest	17,154		
		Total liabilities	\$668,553
Total	\$1,632,110	Capital paid up	750,000
Spl. dep. over liab.	2,159	Net surplus	211,398
Total assets	\$1,629,951	Total	\$1,629,951

Underwriting loss, \$159,731; investment profit, \$78,833.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$115,956,049; premiums thereon, \$1,080,978.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,106,449; losses paid, \$866,264; dividends declared, cash, \$110,000.

BONDS AND STOCKS OWNED:
Bonds.

	Par Value.	Market Value.
Alberta, Can., g. d., 1923, 4½%	\$25,000	\$24,250
Atlanta, Ga., wat., 1931, 4½%	10,000	10,100
Chicago Ill., sanitary dist., 1920, 4%	20,000	19,800
Cleve., O., fire dept., 1935, 4½%	1,000	1,020
Cleve., O., river purif., 1943, 4½%	9,000	9,180
Hartford, Conn., river bg., 1955, 3½%	50,000	45,000
La., St. ser. g., 1952, 4½%	25,000	26,000
Md., St., technical sc. loan, 1927, 4%	25,000	25,000
Mass., Com., met. wat. loan, 1944, 3½%	25,000	24,000
Newark, N. J., f., 1944, 4½%	10,000	10,300
New Britain, Conn., sr. f., 1932, 4%	10,000	9,900
New Canaan, Conn., f., 1939, 4%	25,000	24,500
New London, Conn., sr. ser., 1927, 4%	10,000	9,900
New Rochelle, N. Y., const. culv., 1922, 4½%	4,000	4,120
New Rochelle, N. Y., red. con. culv., 1927-31, 4½%	5,000	5,180
New Rochelle, lib. bldg. imp., 1922, 4½%	1,000	1,030
N. Y. Cy., corp. stk. n., 1915, 6%	14,500	14,500
N. Y. Cy., rev., 1916-7, 6%	10,500	10,500
N. Y. Cy., g. corp. stk., 1956, 4%	50,000	49,500
Norwich, Conn., c. b. r., 1931, 4½%	5,000	4,950
Portland, Ore., wat., 1936, 4½%	10,000	9,700
St. Louis, pub. bldg. & imp., 1929, 4½%	25,000	25,000
Schoenectady, N. Y., grad. cr., 1929, 4½%	10,000	9,800
Syracuse, N. Y., wat., 1944, 4½%	15,000	14,550
Toledo, O., pk., 1924, 4½%	10,000	10,100
Toronto, gn. cs. l. d., el. pow., 1948, 4%	24,820	22,338
Utica, N. Y., sub. imp., 1915-18, 4½%	10,000	10,100
Vancouver, Bp. C., loc. imp. d., 1928, 4½%	10,000	9,500
Waterbury, Conn. sc., 1924, 3½%	10,000	9,500
Yonkers, N. Y., sc., 1917-25, 4½%	25,000	25,500
Atl. C. L. & N. col., 1952, 4½%	15,000	13,800
Atl. C. L., 1 cs. m., 1952, 4½%	10,000	9,400
B. & M. R. R., 1928, 4½%	15,000	14,250
B. & N. Y. A. L., 1 m., 1955, 4½%	10,000	9,000
Cent. Pac., 1 r. m., 1949, 4½%	15,000	14,100
C. B. & Q. R. R., gn. m., 1958, 4½%	15,000	14,100
C. M. & P. S., 1 m. g., 1949, 4½%	25,000	23,250
C. M. & St. P., gn. m., 1989, 4½%	20,000	19,200
C. & Nwn., gn. m., 1987, 3½%	20,000	16,600
C. & Nwn., s. f., 1929, 5%	10,000	10,500
C. Rock I. & Pac., gn. m., 1988, 4½%	15,000	13,200
C. St. L. & N. Or., g. l., 1951, 5%	15,000	16,200
C. & West. Ind. cs., 1952, 4½%	25,000	21,000
C. C. & St. L. col. tr. m., 1990, 4½%	30,000	25,200
Cleve. S. L. Ry., 1 m. gr., 1961, 4½%	25,000	24,000
Ill. Cent., r. m., 1955, 4½%	15,000	13,800
Ill. Cent. & C. St. L. & N. O. R. R., jt. 1 r. m., 1963, 5%	25,000	25,750
Lake Shore & Mich. So., 1931, 4½%	20,000	18,800
Lehigh Vall. Tm., 1 m., 1941, 5%	25,000	27,750

BONDS AND STOCKS OWNED.—Cont.
Bonds.—Cont.

	Par Value.	Market Value.
L. I. R. R., d., 1934, 5%	\$15,000	\$15,150
L. I. R. R., r. m., 1949, 4½%	10,000	9,300
L. & N., n., 1940, 4½%	25,000	24,000
M. & N. R. R., A. K. & C. Div., 1965, 4½%	15,000	13,550
Morgan's L. & T. R. R. & S. S., 1 m., 1918, 7%	10,000	10,800
New London No., 1 m., 1940, 4½%	20,000	16,400
N. Y. C. & H. R. R. R., r., 2013, 4½%	10,000	9,500
N. Y. Con. R. R., 1 m. g., 1953, 4½%	15,000	14,700
N. Y., L. & W., const. m., 1923, 5%	7,000	7,350
N. Y., N. H. & H., cv. d., 1948, 6%	30,000	32,700
N. Y., N. H. & H., cv. d., 1947, 4½%	10,000	8,000
N. Y., O. & W., gn. m., 1955, 4½%	10,000	7,800
N. Y., P. & N., 1 m., 1939, 4½%	14,000	13,180
No. Pac.-Gt. No., jt., C. B. & Q. col., 1921, 4½%	25,000	24,250
Ore. & Cal. R. R., 1 m., 1927, 5%	15,000	15,150
Ore. S. L., cs. 1 m., 1946, 5%	20,000	21,800
Pa. tr. cts., 1942, 3½%	10,000	8,400
Petersburg R. R., cs. m., 1926, 6%	20,000	22,600
P. C., C. & St. L., cs. m., 1963, 4½%	15,000	15,300
Rich. & Petera., cs. m., 1940, 4½%	5,000	5,000
St. P. & Duluth, 1 cs. m., 1968, 4½%	10,000	8,900
So. Pac., 1 r. m., 1955, 4½%	25,000	23,000
Union Pac., 1 in. & r., 2008, 4½%	15,000	14,250
Vandalia, cs., 1957, 4½%	20,000	18,600
Vt. Val. R. R., 1 m. g., 1940, 4½%	25,000	23,500
Wabash R. R., 1 m., 1938, 5%	10,000	10,400
Washington Tm., 1 m., 1945, 4½%	25,000	24,250
Mort. Bond., N. Y., g. m., 1932, 5%	10,000	9,900
STOCKS.		
Bankers Trust	2,000	8,400
Cayuga & Susq. R. R., gr.	3,000	6,000
Del. R. R., gr.	7,500	12,750
Ill. Cent. Leased Line, gr.	10,000	8,400
N. Y., Lack. & West, gr.	10,000	11,500
Northern Cent. R. R., gr.	10,000	16,800
Oswego & Syracuse R. R., gr.	3,000	6,000
Union Pac. R. R., p.	20,000	16,600
United N. J. R. R. & Canal, gr.	16,400	37,050
Pac. Coast Adj., San Fran., Cal.	100	10
West. Adj.	100	20
Totals (book value, \$1,408,132).....	\$1,357,920	*\$1,355,94

* Securities as per company's valuations; the item in assets based on insurance department valuations.

MISCELLANEOUS: This company was organized December 31, 1909, and commenced business in April, 1910, with a paid up capital of \$500,000 and a paid-in surplus of \$500,000. Deposits in Ga., \$10,000.

DIRECTORS: D. N. Barney, E. B. Hatch, F. P. Furlot, Geo. A. Gay, Alton Farrell, M. L. Hewes, W. A. Sanborn, J. Ensign, W. F. Armstrong, L. R. Cheney.

FIELD MEN AND TERRITORY COVERED: Jos. K. Hook, Hartford, Conn., for New England; George Barley, Brooklyn, N. Y., for N. Y. and N. J.; Reid H. Calhoun, Philadelphia, Pa., for Pa., D. C. and southern N. J.; H. E. Hare, Atlanta, Ga., for Fla., N. C., S. C., Ga., Ala., La. and Tenn.; Fred W. Pete, Marion, O., for O., Ky., lower Mich. and W. Va.; Ross A. Moo, Indianapolis, Ind., for Ind., Ill. and Mo.; W. O. Maclellan, Minneapolis, Minn., for upper Mich., Wis., Minn., Ia. and Ne. Theo. W. Bartels, Denver, Colo., for Colo.; Walter H. Mau, Huron, S. D., for S. D.; Norman Thompson, Fargo, N. D., for N. D. The company operates in all the States and territories except Alas., Ark., Haw., Kan., Miss., Okla., P. I., P. R. and Vt.

STANDARD FIRE INSURANCE COMPANY OF NEW JERSEY, Trenton, N. J.

President, Wm. C. Lawrence; Secretary, O. J. Prior. Organized, 1868.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,059,490	\$344,881	\$465,770	\$323,962	\$375,652	\$176,596	\$30,000	\$124,883	\$321,479	\$172,970
1913	989,440	336,164	414,679	324,458	360,909	163,167	16,000	123,435	302,602	158,392
1912	963,239	330,446	386,719	294,904	335,326	166,021	16,000	*135,824	317,845	156,534
1911	913,709	327,973	328,992	313,215	350,733	198,089	16,000	126,075	335,114	189,637
1910	892,584	333,510	301,462	339,470	374,845	153,973	16,000	136,651	306,624	152,106

* Includes \$15,786 expenses of 1911 business.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$30,000	Losses unpaid.....	\$30,856
Mortgage loans.....	241,250	Unearned prems.....	344,881
Bonds and stocks.....	673,589	Other liabilities.....	17,953
Cash.....	47,214		
Agents' balances.....	61,029	Total liabilities.....	\$393,720
Interest.....	6,408	Capital paid up.....	200,000
		Net surplus.....	465,770
Total assets.....	\$1,059,490	Total.....	\$1,059,490

Underwriting profit, \$16,331; investment profit, \$54,760.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,091,573; premiums thereon, \$671,066.

BUSINESS SINCE ORGANIZATION: Premiums received, \$5,511,986; losses paid, \$3,458,960; dividends declared, cash, \$399,000.

REAL ESTATE OWNED: Consists of the 3- and 2-story brick building with white marble front at 15 W. State st., Trenton, unencumbered, carried at \$30,000.

MORTGAGE LOANS: There are 53 loans aggregating \$241,250, in but a few of which are upon Trenton properties. Only \$170 of interest was past due on December 31, last.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Trenton St. Ry., ca. 1933, 5%.....		\$58,000	\$58,000
Trenton Pass. Ry., 1915-31, 6%.....		23,000	25,020
Trent. Pass. & Hope St. Ry., 1943, 5%.....		10,000	9,600
T. & E. Tc., 1955, 5%.....		20,000	19,200
United El. N. J., 1949, 4%.....		20,000	20,250
Edm. Phil. & Cent. Jer. Ry., 1960, 5%.....		20,000	19,200
N. Jersey St. Ry., 1948, 4%.....		25,000	19,750
Edm. Tr. Cfd., 1920, 5%.....		10,000	10,000
United Ry. & Tr. Cfd., 1949, 4%.....		25,000	18,750
United N. J. R. & Canal, 1944, 4%.....		4,000	3,960

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Cape May, N. J., imp., 1934, 5%.....		\$20,000	\$21,200
Orange, N. J., ca., 1934, 4%.....		61,000	65,560
Orange, N. J., ca., 1943, 4%.....		25,000	25,750
Hudson Co., N. J., pk., 1954, 4%.....		40,000	38,000
Hudson Co. Gas, 1949, 5%.....		15,000	15,600
So. Ry., div. cfd., 1919, 4%.....		400	328

STOCKS.		Par Value.	Market Value.
Mech. Nat. Bk.....		5,000	22,800
First Nat. Bk.....		7,700	14,861
Atl. & Charl. A. L. Ry.....		15,100	30,200
Phila. To.....		25,000	40,280
Fkd. & St. Phila. Cy. R. R.....		1,500	10,950
So. Ry., p.....		20,000	12,000
Interb. Met., p.....		30,000	18,000
Interb. Met., voting cfd.....		16,500	2,310
B. & O. R. R., com.....		50,000	44,500
United N. J. R. & Canal.....		10,000	22,500
Ca. Tc. of N. J.....		50,000	37,500
Liggett & Myers Tob., p.....		30,000	35,400
Geo. W. Helms, p.....		15,000	16,950
Totals.....		\$657,200	\$673,589

MISCELLANEOUS: Capital reduced in 1880 from \$300,000 to \$100,000, and increased in 1902 to \$200,000 by cash payment.

DIRECTORS: F. W. Roebbling, Huston Dixon, R. V. Kuser, H. W. Cook, W. H. Brokaw, I. E. Richey, O. D. Wilkinson, W. E. Linburg, A. C. Yard, N. L. Petty, W. A. Roebbling, John H. Scudder, J. H. Blackwell, J. W. Manning, W. C. Lawrence, K. G. Roebbling, E. B. Parsons, N. R. Ivins, A. W. Lee, O. J. Prior, B. B. Dinmore.

FIELD MEN AND TERRITORY COVERED: William M. Croser, special agent. The company operates in Mass., N. J., N. Y., O. and Pa.

STATE DWELLING HOUSE INSURANCE COMPANY, Concord, N. H.

President, S. A. Carter; Secretary, Obadiah Morrill. Organized, 1835.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$51,755	\$8,389	\$18,049	\$4,248	\$8,377	\$1,675	\$2,790	\$3,361	\$7,826	\$220
1913	51,198	8,659	15,716	5,373	8,069	148	\$3,020	2,075	5,243	148
1912	51,920	7,323	17,307	4,695	7,516	151	\$2,805	1,957	4,913	1,607
1911	49,820	7,451	17,090	4,963	7,456	1,054	\$2,896	2,084	6,034	1,054
1910	48,461	6,729	16,441	3,512	6,497	2,089	\$2,688	1,803	6,590	2,089

* Includes dividends to policyholders.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$4,000	Unearned prems.....	\$8,389
Bonds and stocks.....	28,464	Other liabilities.....	317
Cash.....	8,608		
Agents' balances.....	217	Total liabilities.....	\$8,706
Interest and rents.....	466	Capital paid up.....	25,000
		Net surplus.....	18,049
Total assets.....	\$51,755	Total.....	\$51,755

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,091,573; premiums thereon, \$15,939.

BUSINESS SINCE ORGANIZATION: Premiums received, \$16,486; losses paid, \$34,943; dividends declared, cash, \$44,430.

MORTGAGE LOANS: There are 2 loans aggregating \$4,000, noted by dwelling property situated in Merrimack Co., N. H., but at \$7,000. There is no interest past due, and the company holds \$3,500 of insurance on the buildings.

STOCKS OWNED:		Par Value.	Market Value.
T. & S. Fe.....		\$6,000	\$5,940
Mer. Woolen.....		3,500	2,590

STOCKS OWNED.—Cont.		Par Value.	Market Value.
Baltimore & Ohio Ry.....		\$2,300	\$2,039
Brooklyn Rapid Transit.....		1,000	910
Conn. Ry. & Ltg.....		2,000	1,200
Chi., Mil. & St. P. Ry.....		2,500	2,475
Kan. Cy. So. Ry.....		3,000	1,830
N. Y. C. & H. R. R. R.....		2,500	2,250
Norfolk & Western Ry.....		3,000	3,120
Pa. R. R.....		2,500	2,775
U. S. Realty & Inv.....		3,000	1,830
U. S. Steel Corp.....		3,000	1,830
Union Pacific Ry.....		1,000	1,650
Totals.....		\$35,300	\$30,337

MISCELLANEOUS: On April 27, 1907, paid-up capital was increased from \$15,000 to \$25,000. Company operates only in N. H.

DIRECTORS: Solon A. Carter, William F. Thayer, John E. Robertson, Willis D. Thompson, Frank S. Streeter, Arthur P. Morrill, George A. Foster, Obadiah Morrill, Frank P. Andrews, Allen Hollis, Isaac Hill.

STERLING FIRE INSURANCE COMPANY, Indianapolis, Ind.

President, John C. Billheimer; Secretary, Oscar L. Ross. Organised, 1911.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,598,475	\$338,772	\$310,883	\$401,243	\$485,646	\$215,225	.....	\$218,945	\$434,170	\$235,800
1913	1,601,437	294,131	359,562	424,625	504,899	172,328	.....	222,578	394,906	191,431
1912	1,490,625	142,470	459,210	244,861	306,351	23,337	.....	152,455	175,792	37,613
1911	1,151,190	.....	308,998	.....	1303,428	.....	.....	20,072	120,072	.....

† Includes \$300,536 initial net cash surplus paid in. ‡ Excluding organization expenses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$1,141,960	Losses unpaid.....	\$61,705
Bonds and stocks.....	242,628	Unearned prem.....	338,772
Collateral loans.....	5,450	Other liabilities.....	37,115
Cash.....	138,353		
Agents' balances.....	79,125	Total liabilities.....	\$437,592
Interest.....	24,596	Capital paid up.....	850,000
		Net surplus.....	310,883
Total.....	\$1,632,112		
Spl. dep. over liab.....	33,637		
Total adm. assets.....	\$1,598,475	Total.....	\$1,598,475

Underwriting loss, \$114,389; investment profit, \$60,346.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$59,123,671; premiums thereon, \$606,065.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,070,729; losses paid, \$402,929.

MORTGAGE LOANS: There are 380 loans, aggregating \$1,141,961, protected by improved real estate, mostly in Indiana, valued at \$3,519,867. Only 17 are for \$10,000 or over, the four largest being for \$30,000, \$25,000, \$25,000 and \$19,000, respectively, the remainder ranging from \$100 up. There was \$3,818 of interest past due on December 31, last. The company holds \$556,685 of fire insurance on the mortgage buildings.

BONDS OWNED:

	Par Value.	Market Value.
U. S. Phil., reg., 1939, 4%.....	\$11,000	\$11,000
U. S., reg., 1918, 3%.....	31,000	31,310
Madison Co., Ind., g. r. c., 1915-21, 4%.....	5,180	5,215
Lafayette, Ind., se. c., 1915, 4%.....	1,000	1,000
Adams Co., Ind., mac. rd. c., 1915-8, 4%.....	2,380	2,367
Clinton Co., Ind., g. v. r., 1915-17, 4%.....	256	256
Carroll Co., Ind., g. v. rd., 1915-16, 4%.....	320	320
Sapulpa, Okla., f., 1932, 6%.....	10,000	10,400
Danville, Va., at. & bg. imp., 1940, 4%.....	25,000	23,000
Lynchburg, Va., wat., 1938, 4%.....	10,000	9,300
Ronoke, Va., pub. sc., 1940, 4%.....	5,000	4,900
Ronoke, Va., st. imp., 1940, 4%.....	5,000	4,900
Ind. Vincennes Univ., 1917, 3%.....	7,548	7,397
Marion Co., Ind., g. v. rd., 1915-22, 4%.....	2,880	2,902
Daviess Co., Ind., g. v. rd., 1915-22, 4%.....	9,484	9,484
Knox Co., Ind., g. v. rd., 1921-28, 4%.....	8,526	8,362
Newton Co., Ind., m., J. W. & I. twp., 1915-21, 5%.....	5,100	5,162
Hendricks Co., Ind., g. v. rd., 1928-30, 4%.....	1,120	1,120
Parke Co., Res. twp., g. v. rd., 1917-9, 4%.....	2,332	2,332
Owen Co., Ind., rd., 1915, 4%.....	686	686
Tipton Co., Ind., g. v. rd., 1915-19, 4%.....	2,470	2,455
Randolph Co., Ind., g. v. rd., 1915-6, 4%.....	791	791
Jay Co., Ind., g. v. rd., 1915-9, 4%.....	4,000	4,008
Cass Co., Ind., J. & T. Twp., mac. rd., 1915-28, 4%.....	3,840	3,869
Miami Co., Ind., g. v. rd., 1915-28, 4%.....	3,185	3,142
Knox Co., Ind., g. v. rd., 1917-9, 4%.....	912	903

BONDS OWNED.—Cont.		Par Value.	Market Value.
Tipton Co., Ind., g. v. rd., 1916-20, 4%.....		\$1,280	\$1,270
Wash. Co., Ind., g. v. rd., 1915-20, 4%.....		2,568	2,559
Greene Co., Ind., g. v. rd., 1915-8, 4%.....		2,000	2,000
Knox Co., Ind., g. v. rd., 1915-9, 4%.....		635	631
Del. Co., Ind., g. v. rd., c., 1918-9, 4%.....		1,100	1,111
Montg. Co., Ind., g. v. rd., 1917, 4%.....		359	389
Monroe Co., Ind., sm. rd., 1915-9, 5%.....		1,410	1,418
Sullivan Co., Ind., sm. rd., 1917-27, 4%.....		3,526	3,471
Sullivan Co., Ind., g. v. rd., 1916-27, 4%.....		3,197	3,159
Starke Co., Ind., g. v. rd., 1915-22, 4%.....		4,800	4,902
Lake Co., Ind., g. v. rd., 1923-7, 4%.....		2,250	2,205
Tipton Co., Ind., g. v. rd., 1915-18, 4%.....		1,575	1,568
Madison Co., Ind., g. v. rd., 1915-9, 4%.....		2,290	2,289
Madison Co., Ind., g. v. rd., 1915-9, 4%.....		3,530	3,530
Howard Co., Ind., g. v. rd., 1916-9, 4%.....		2,304	2,304
Howard Co., Ind., g. v. rd., 1916-9, 4%.....		2,226	2,226
Decatur Co., Ind., g. v. rd., 1921-3, 5%.....		9,210	9,632
Franklin Co., Ind., g. v. rd., 1916-21, 6%.....		5,268	5,444
Lake Co., Ind., No. g. v. rd., 1915-9, 5%.....		1,900	1,908
Lake Co., Ind., Ho. g. v. rd., 1915-9, 5%.....		1,600	1,610
Vermillion Co., Ind., g. v. rd., 1916-8, 4%.....		875	890
Gibson Co., Ind., g. v. rd., 1915-26, 4%.....		6,745	6,711
Clark Co., Ind., g. v. rd., 1919-22, 4%.....		8,000	8,000
Jasper Co., Ind., sta. rd., 1915, 4%.....		6,000	6,000
LaPorte Co., Ind., g. v. rd., 1915, 4%.....		6,511	6,311
Clinton Co., Ind., g. v. rd., 1915, 4%.....		200	200
Decatur Co., Ind., g. v. rd., 1917, 4%.....		1,120	1,104
Madison Co., Ind., g. v. rd., 1915, 4%.....		1,305	1,305
Madison Co., Ind., g. v. rd., 1916, 4%.....		876	876
Randolph Co., Ind., mac. rd., 1917, 4%.....		841	841

Totals (book value, \$245,185)..... \$244,511 \$242,638

MISCELLANEOUS: Value of deposits: Ind., \$485,116; Va., \$42,100.

DIRECTORS: J. C. Billheimer, L. A. Coleman, E. M. Himesaw, C. M. Horner, Jas. F. Joseph, L. B. Millikan, W. N. Showers, R. C. Walkup, J. E. Lilly, G. F. Quick, E. D. Evans, J. Will Baxter, Elmer E. Gandy.

FIELD MEN AND TERRITORY COVERED: Geo. H. Eymann, State agent, W. E. Fitzgerald, special agent, Indianapolis, Ind.; J. A. Struck, Pekin, Ill., State agent for Ill.; Morris W. White, Elks Building, Minneapolis, Minn., State agent for Minn. and Wis.; H. B. Matt, Columbus, O., State agent for O. and Mich.; Alexander & Alexander, State agents, R. N. Jenkins, Clarksville, W. Va., special agent for W. Va.; The Kessel Co., Metropolitan agent, 3 Liberty street, N. Y.; Poor, Selden & Van Ness, managers, E. Dept. Abell Building, Baltimore, Md., for Va., N. C., D. C., Md., Pa., Del., N. J., and N. Y., outside Metropolitan district; A. A. King, Elmira, N. Y., special agent eastern department, travels N. Y. State; Ralph Westbrook, special agent eastern dep't, travels Pa. office Harrisburg, Pa.; Frank K. Poe, special agent, eastern department, travels N. C., Va., Md., office Baltimore, Md. The company operates in Cal., D. C., Ill., Ind., Md., Mich., Minn., N. Y., N. C., O., Ore., Pa., Va., Wash., W. Va., and Wis.

STONEWALL INSURANCE COMPANY, Mobile, Ala. §

President, Chas. H. Brown; Secretary, John Gaillard. Organised, 1866.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$314,424	\$28,335	\$125,907	\$24,223	\$40,876	\$8,717	\$18,000	\$16,600	\$43,317	\$8,717
1913	334,848	29,265	130,555	31,042	46,537	7,372	18,000	15,689	41,061	7,372
1912	332,550	28,764	136,948	28,951	54,411	5,742	18,000	16,503	39,823	5,742
1911	396,358	30,873	126,792	33,406	52,508	7,730	15,000	16,332	39,062	7,730
1910	313,634	29,112	116,840	33,905	49,101	9,688	15,000	14,938	39,626	9,688

* Includes \$2,850 marine premiums and \$63 marine losses.

§ Transacts both fire and marine insurance.

STONEWALL INSURANCE COMPANY, Mobile, Ala.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$2,250	Unearned premiums.....	\$28,325
Mortgage loans.....	116,345	Borrowed money.....	5,000
Bonds and stocks.....	114,065	Other liabilities.....	5,192
Collateral loans.....	30,775		
Cash.....	8,437	Total liabilities.....	\$38,517
Agents' balances.....	23,535	Capital paid up.....	150,000
Interest and rents.....	930	Net surplus.....	125,907
Bills receivable.....	17,399		
Other assets.....	658		
Total assets.....	\$314,424	Total.....	\$314,424

Underwriting profit, \$3,094; investment profit, \$10,267.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,706,435; premiums thereon, \$54,771.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,520,781; losses paid, \$438,662; dividends declared, cash, \$30,036; stock, \$48,465.

REAL ESTATE OWNED: Land in Mobile, Co. Ala., valued at \$2,250.

MORTGAGE LOANS: There are 65 loans, aggregating \$116,345, protected by improved real estate in Mobile City and suburbs, valued at \$321,400. There is no interest past due and the company holds \$136,850 of insurance on the buildings.

COLLATERAL LOANS are as follows:

Securities:	Market Value.	Amount Loaned
Stonewall, stk.....	\$2,640	\$5,000
1st Nat. Bank.....	4,000	

COLLATERAL LOANS.—Cont.		Market Value.	Amount Loaned
Securities.—Cont.			
Greene Co. Lbr. Co.....		\$1,000	\$1,000
Stonewall stk.....		2,640	2,050
Peoples Bank.....		350	275
Stonewall.....		4,950	4,000
Van Antwerp Bldg.....		500	500
450 bales cotton.....		15,750	15,000
400 bales cotton.....		14,000	10,000
		\$46,325	\$38,125
Less loans on own stock.....			7,350
			\$30,775

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
Alabama Cs.....	\$107,000	\$99,510
Alabama, f.....	7,000	7,000
Mobile Cot. & Merc. Assn.....	2,500	2,500
Mobile Infirmary.....	5,000	5,000
Stk. Chamber of Commerce.....	25	25
Cotton Ex.....	100	60
Totals (book value, \$121,605).....	\$121,625	\$114,095

MISCELLANEOUS: Company operates only in Alabama.

DIRECTORS: J. J. Blacksher, Chas. H. Brown, Nathan G. Davis, Samuel J. Hahn, Winston Jones, A. L. Staples, Estes D. Baker, A. W. Brooks, J. C. Bush, Jr., Leopold Eichold, Robert Hunter, W. F. McDonnell, F. C. Turner, Stewart Brooks, J. B. Davis.

STUYVESANT INSURANCE COMPANY, New York, N. Y.

President, A. R. Pierson; Secretary, C. A. Garthwaite. Organized, 1859.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,162,323	\$476,707	\$150,962	\$651,673	\$702,980	\$579,757	\$40,000	\$209,812	\$889,069	\$547,606
1913	1,349,543	694,388	112,425	1,178,765	1,232,090	810,145	40,000	248,517	1,198,662	828,706
1912	1,435,519	609,092	268,354	1,022,039	1,071,413	695,797	40,000	300,493	1,036,290	642,673
1911	1,237,276	530,616	277,096	914,653	968,066	583,439	40,000	277,881	901,320	584,888
1910	1,239,129	499,808	251,864	915,068	967,831	492,700	40,000	266,807	799,507	510,641

Includes \$39,892 marine premiums, and \$5,500 marine losses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$6,000	Losses unpaid.....	\$115,049
Bonds and stocks.....	875,777	Unearned premiums.....	476,707
Cash.....	6,532	Other liabilities.....	19,605
Agents' balances.....	258,541	Total liabilities.....	\$611,361
Interest.....	3,473	Capital paid up.....	400,000
Other assets.....	12,000	Net surplus.....	150,962
Total assets.....	\$1,162,323	Total.....	\$1,162,323

Underwriting profit, \$29,816; investment profit, \$48,721.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,196,505; premiums thereon, \$631,683; marine and inland risks in force, \$298,294; premiums thereon, \$4,765.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,262,965; losses paid, \$6,486,891; dividends declared, cash, \$1,176,000.

MORTGAGE LOANS: There is a loan of \$6,000 on 279 Bridge st., Brooklyn, valued at \$9,000.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
N. Y. C. dock, 1921, 3%.....	\$25,000	\$23,500
N. Y. C. rap. t., 1950, 3%.....	120,000	94,800
N. Y. C. pol. dept., 1941, 3%.....	5,000	4,100
N. Y. C. new grds. col., 1915, 3½%.....	1,000	1,000
N. Y. C. sc. h., 1915, 3½%.....	3,000	3,000
N. Y. C. r. t., 1964, 3½%.....	20,000	17,600
N. Y. C. add. wat., 1915, 3½%.....	30,000	30,000
N. Y. C. sp., 1967, 4½%.....	10,000	10,700
N. Y. C. wat., 1967, 4½%.....	10,000	10,700
Brinson Ry., 1 m., 1926, 5%.....	10,000	9,800
Buff. & Susq. R.R., ep., 1 m., 1963, 4%.....	1,000	600
C. & O. R.R., 1 m., 1928, 5%.....	15,000	14,850
M. & St. P. R.R., ev., 1932, 4½%.....	8,000	8,100
R. I. & Pac. R.R., ev., 2002, 4%.....	15,000	3,750

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Kan. Cy., Ft. S. & M. R.R., 1 m., 1936, 4%.....		10,000	7,300
Mo. Pac. R.R., 1 m., ev., 1969, 5%.....		15,000	5,850
So. Pac., ev., 1924, 5%.....		10,000	10,200
St. L. & San F. R.R., r., 1961, 4%.....		25,000	15,750
St. L. & San F. R.R., 1 m., 1932, 4%.....		25,000	17,250
W. Md. R.R., 1 m., 1932, 4%.....		20,000	12,400
Edwy. Surf. R.R., N.Y., 1 m., 1924, 5%.....		10,000	10,300
Lex. Av. & Pav. Fy. R.R., N.Y.C., 1 m., 1993, 5%.....		15,000	15,150
Am. Smelters Sec., s. f., 1926, 6%.....		10,000	10,400
Mtg. Bd. of N. Y., 1906, 4%.....		20,000	16,800
N. Y. Air Brake, 1 m., 1928, 6%.....		10,000	9,800
N. Y. Gas & El. Lt., H. & Pow., 1949, 4%.....		5,000	4,350
Ocean El. Lt. & Pow., 1 m., 1951, 5%.....		10,000	9,000
W. El., 1 m., 1922, 5%.....		10,000	10,200

STOCKS.

Atch., T. & S. Fe R.R., com.....	10,000	9,900
B. & O. R.R., p.....	1,200	972
B. & O. R.R., com.....	2,200	1,988
Buff. & Susq. R.R., ep., p.....	2,000	600
Buff. & Susq. R.R., ep., com.....	3,000	210
Brinson Ry., p.....	10,000	9,500
Chi., Mil. & St. P. R.R., com.....	10,000	9,900
Chi., Mil. & St. P. R.R., p.....	20,000	26,800
Del. & Hud. Co.....	10,000	14,800
Gt. No. R.R., p.....	43,200	53,568
Kan. Cy., Ft. S. & M. R.R., p.....	40,000	28,000
La. & Nashville R.R.....	10,000	13,800
Man. Ry.....	10,000	13,300
Minn., St. P. & S. Ste. M. R.R., p.....	11,600	15,196
Minn., St. P. & S. Ste. M. R.R., com.....	3,200	4,059
Norfolk & W. R.R., com.....	20,000	20,800
No. Pac. R.R.....	50,000	55,500
So. Ry., p.....	10,000	6,800
So. Ry., scrip.....	200	164

STUYVESANT INSURANCE COMPANY, New York, N. Y.—Continued.

So. Pac.	\$50,000	\$48,000
Un. Pac. R.R., p.	20,000	16,800
Un. Pac. R.R., com.	10,000	12,800
Ca. Gas.	30,000	38,700
Golden Hill Bldg.	25,000	25,000
La. Property	100	40
P. Lorillard, com.	20,000	35,400
Tobacco Products, p.	10,000	8,700
Irving Nat. Bk.	10,000	18,000

Totals (book value \$968,000)..... \$909,800 \$875,777

MISCELLANEOUS: On November 21, 1902, 20% (\$40,000) assessment was levied on stockholders and amount added to

surplus. In 1908 capital was increased from \$200,000 to \$400,000 and \$100,000 added to surplus. Conflagration losses: Baltimore, 1904, \$42,000; San Francisco, 1906, \$156,000. Special deposit in Man., \$12,000.

DIRECTORS: A. R. Pierson, J. S. Frelinghuysen, H. G. McFaddin, E. C. Jameson, Robt. K. Prentice, L. R. Bowden, C. V. Meserole, F. L. Froment, C. A. Garthwaite, L. A. Thompson, W. H. Keltner, W. P. Prentice, E. F. Brewster, F. P. Moore, A. C. Knothe, J. F. Schmadelke, H. R. Chambers.

FIELD MEN AND TERRITORY COVERED: J. S. Frelinghuysen, general agent. The company operates in Cal., Colo., Ill., La., Md., Minn., Miss., Mo., N. J., N. Y., N. C., O., Ore. Pa., Tenn., Utah and Wash., also in B. C. and Manitoba.

TEUTONIA FIRE INSURANCE COMPANY, Pittsburg, N. S., Pa.

President, C. W. Gerwig; Secretary, N. A. Wood. Organised, 1871.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$993,367	\$633,278	\$90,891	\$619,133	\$671,615	\$492,152	\$22,000	\$259,704	\$773,856	\$502,814
1913	1,091,870	648,661	193,420	670,378	725,587	398,120	32,000	274,341	699,461	382,741
1912	1,066,939	607,827	207,959	620,284	673,732	385,031	32,000	251,085	668,116	364,894
1911	1,062,935	587,191	211,087	654,483	707,560	408,174	40,000	268,277	716,451	396,889
1910	1,060,101	580,636	268,465	619,388	670,674	290,748	40,000	238,116	568,864	314,804

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$71,300	Losses unpaid	\$66,198
Mortgage loans	742,487	Unearned prem.	633,278
Bonds and stocks	49,780	Other liabilities	3,000
Cash	27,984		
Agents' balances	88,768	Total liabilities	\$702,476
Interest	11,943	Capital paid up	200,000
Other assets	1,125	Net surplus	90,891
Total assets	\$993,367	Total	\$993,367

Underwriting loss, \$135,041; investment profit, \$54,512.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$122,193,038; premiums thereon, \$1,235,713.

BUSINESS SINCE ORGANIZATION: Premiums received, \$7,249,673; losses paid, \$3,941,102; dividends declared, cash, \$629,500; stock, \$65,000.

REAL ESTATE OWNED: The chief item is the company's home office building, a 3-story, brick structure at 735 Ohio st., Pittsburg, the book value of which is \$28,165, and which is carried at \$30,000. The remaining properties are 8 lots on Allequippa st., Pittsburg (valued at \$1,000); 32 lots in Reserve twp. (valued at \$10,000); a lot on Fleck st., (valued at \$700); 21 lots and 6 acres, Reserve twp., (valued at \$10,000); 7 lots, 11th ward, McKeesport, (valued at \$2,100); a dwelling on Woodville ave., valued at \$3,500, and 6 dwellings at Webster and Manila sts., valued at \$14,000.

MORTGAGE LOANS: There are 240 loans on properties located chiefly in Pittsburg, McKeesport, Avalon, Dormont, Swissvale, Beechview, Wilkinsburg and other western Pa. towns. There are but 7 loans as large as \$10,000, and the average is about \$3,000. They are mostly upon improved properties, and there is \$800,750 of insurance held by the company on buildings, the total amount loaned being \$742,487. The mortgaged properties are valued at \$4,528,800, and there was \$1,590 interest overdue on December 31, last.

BONDS OWNED:

	Par Value.	Market Value.
Pitts. McK. & Con. Ry., ca. m.	\$3,000	\$2,045
Phila. Co., 1 m. & col.	5,000	4,975
Duquesne Tc., 1 m.	3,000	2,982
Pitts. Alleg. & Manch. Tc.	1,000	1,015
Wilkinsburg & E. Pitts. Tc.	5,000	5,075
United Tc., 1 m.	1,000	1,015
U. S. Steel, g. & f.	5,000	5,119
So. Tc., 1 m., col. tr.	7,000	4,900
West Pa. Ry., 1 m., g.	8,000	7,929
B. & O. R. R., c. & f.	5,000	4,575
N. Y. C. & H. R. R. R.	5,000	4,500
L. S. & M. S., c. & f., 4%	5,000	4,600
Totals	\$53,000	\$49,731

* Securities as per company's valuations; the item in assets based on insurance department valuations.

MISCELLANEOUS: Capital increased in 1879 from \$105,000 to \$119,680; increased in 1890 to \$125,000, and in 1905 from \$125,000 to \$200,000 and \$39,280 realized as premium on the new stock. Conflagration loss: Baltimore, 1904, \$2,500; Salem Mass., 1914, \$75,000.

DIRECTORS: Henry Gerwig, Wm. Riemenanwyder, Dr. F. L. Casarniecki, Henry J. Lots, Jacob Mutzig, Charles Kellie, Dr. F. Blume, C. R. Hanna, C. W. Gerwig, Geo. E. Meyer, Kist J. Steiner, H. W. Heepenbeide.

FIELD MEN AND TERRITORY COVERED: W. T. Bod special agent for western Pa.; L. D. Owey, special agent for eastern Pa., N. J. and Md.; E. A. Flickner, special agent for Mich.; M. V. McGilliard, special agent for Ind.; Eliel Loeb, general agents for Ill.; Percy B. Dutton, general agent for N. Y. State (outside of Metropolitan district); Geo. S. Rose grants for Mass. and Conn. The company operates in Cal., Conn., D. C., Ill., Ind., Md., Mass., Mich., N. J., N. Y., O. P. and Wis.

TEUTONIA FIRE INSURANCE COMPANY, Dayton, O.

President, J. Linxweiler, Jr.; Secretary, Wm. F. Kramer. Organised, 1865.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,001,956	\$142,805	\$600,763	\$120,027	\$159,227	\$38,538	\$30,000	\$59,013	\$117,551	\$30,1
1913	966,827	138,788	572,595	119,011	157,592	60,258	30,000	56,254	146,482	60,1
1912	967,973	133,957	578,323	120,661	159,180	35,021	30,000	59,094	124,115	35,1
1911	929,576	119,879	555,896	115,576	150,699	27,045	30,000	55,332	112,369	28,1
1910	887,319	99,656	536,266	85,833	*219,644	19,651	†132,000	43,723	195,374	19,1

* Includes \$100,000 premiums on new stock. † Includes \$100,000 stock dividend.

TEUTONIA FIRE INSURANCE COMPANY, Dayton, O.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$39,900	Losses unpaid	\$4,293
Bonds and stocks	891,393	Unearned premiums	142,805
Cash	15,316	Other liabilities	2,095
Agents' balances	14,968		
Interest	7,481		
		Total liabilities	\$151,193
		Capital paid up	250,000
		Net surplus	600,763
Total assets	\$1,001,956	Total	\$1,001,956

Underwriting profit, \$29,183; investment profit, \$28,985.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$29,990,996; premiums thereon, \$275,632.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,553,190; losses paid, \$923,476; dividends declared, cash, \$853,250; stock, \$120,000.

REAL ESTATE OWNED: Lot 30 x 100 ft., on which is erected a store, concrete and steel fireproof building occupied solely by the company. Situated No. 44 and 46 So. Jefferson st., Dayton, O.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Cleveland, O., reg., 1924-31, 4%		\$120,000	\$122,300
Cleveland, O., reg., 1926, 4 1/2%		10,000	10,550
Cincinnati, O., reg., 1923-24, 4%		120,000	122,110
Toledo, O., reg., 1917-21, 4%		60,000	60,650
Toledo, O., reg., 1923, 4 1/2%		20,000	20,800
Columbus, O., reg., 1918-27, 4%		85,000	84,000
Columbus, O., reg., 1921, 4 1/2%		7,000	7,280
Canton, O., reg., 1926, 4%		5,000	5,050
Canton, O., reg., 1930, 4 1/2%		40,000	42,400
Lucas County, O., reg., 1924, 4%		30,000	30,800
Youngstown, O., reg., 1917-25, 5%		10,000	10,550
Youngstown, O., reg., 1918, 4%		4,000	4,000
Youngstown, O., reg., 1928, 4 1/2%		6,000	6,300
Akron, O., reg., 1917-28, 4 1/2%		10,000	10,500
Dayton, O., sr., 1918-19, 5%		8,000	8,250
Dayton, O., pav., 1916-20, 5%		7,000	7,300
Dayton, O., ga. Hg., 1920-25, 4 1/2%		5,000	5,190
Dayton, O., W. 5th St., rep., 1919, 4%		5,000	5,050

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Dayton, O., Miami R., imp., 1930-32, 4%		\$42,000	\$42,840
Dayton, O., Stewart St. Edg., 1929-32, 4 1/2%		26,000	26,530
Brookville, O., wat. wks., 1915-30, 5%		6,000	6,380
Trumbull Co., imp., 1919-20, 5%		10,000	10,480
Arcamum O., wat. & el. lt. plant, 1916-18, 5%		3,000	3,060
Stocks.			
Merch. Nat. Bk., Dayton, O.		6,000	8,480
Winters Nat. Bk., Dayton, O.		6,500	11,180
City Nat. Bk., Dayton, O.		4,000	11,880
Third Nat. Bk., Dayton, O.		5,000	9,850
Teutonia Nat. Bk., Dayton, O.		4,000	5,800
Dayton Nat. Bk., Dayton, O.		2,000	3,220
First Nat. Bk., Miamisburg, O.		4,000	6,000
City Ry., Dayton, O., p.		15,000	21,000
City Ry., Dayton, O., com.		19,200	24,980
Dayton & Western Tc., p.		16,300	16,628
Dayton & Western Tc., com.		700	686
Cleveland & Pittsburgh R. R., gr.		14,000	23,240
Dayton & Mich. R. R., p.		16,000	29,280
Dayton & Mich. R. R., com.		15,000	11,560
Columbus & Xenia R. R., gr.		5,700	11,571
Little Miami R. R., gr.		8,000	16,400
Dayton Gas, Dayton, O., p.		6,000	5,400
Dayton Gas, Dayton, O., com.		1,200	720
Dayton Pow. & Lt., p.		5,000	4,250

Totals (book value, \$807,600).....\$807,600 *\$891,573

* Securities as per Company's Valuations; the item in Assets based on Ins. Dept. Valuations.

MISCELLANEOUS: Capital increased in 1910 from \$100,000 to \$250,000 and \$100,000 realized as premium on the new stock.

DIRECTORS: J. Linxweiler, Jr., Wm. F. Oelman, C. H. Frank, Adam Sebants, Frank J. Bueber, Herman Soehner, Henry Burkhardt, Wm. H. Kuhlman and Louis W. Prins.

FIELD MEN AND TERRITORY COVERED: Special agent, E. J. Weiss. The company operates in Ill., Ind., Mich., N. Y., O., Pa. and W. Va.

THREE TRADES FIRE INSURANCE COMPANY, Louisville, Ky.

President, I. P. Barnard; Secretary, Robert B. Green.

This company was incorporated late in 1913 as the Coal Dealers Fire of Anchorage, Ky., with a capital stock of \$100,000. Early in 1914 the name was changed to the Three Trades and the proposed capital increased to \$500,000, with a like amount of surplus. The company will specialize on coal, tobacco and whiskey risks. As of Feb. 20 we are notified by the secretary that the company

was still in the stock selling stage and not yet organized for business.

DIRECTORS: David A. Keller, John W. McCulloch, I. P. Barnard, Caldwell Norton, Laban Phelps, J. C. Bright, J. L. Smyser, R. B. Green, C. B. Blakey, R. E. Wathen, M. C. Saunders, C. S. Nield, Orene Parker and W. L. Porter.

TOLEDO FIRE AND MARINE INSURANCE COMPANY, Sandusky, O.

President, J. J. McKelvey; Vice-President, John McKelvey; Secretary, James E. Melville. Organized, 1902; chartered 1848.

Year.	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$174,704	\$36,686	\$30,467	\$58,653	\$63,670	\$46,293	\$10,000	\$43,520	\$99,814	\$48,258
1913	261,282	70,584	30,469	198,932	*222,285	83,550		74,899	158,449	90,783
1912	222,175	7,885	37,602	6,372	55,928	20,468	15,000	16,677	52,145	4,766
1911	142,923	3,462	16,148	63,061	75,560	61,478	26,000	27,935	115,413	73,798
1910	183,858	\$9,293	38,182	123,812	133,231	132,299		36,976	169,275	129,466

* Includes \$13,450 surplus paid in.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$9,500	Losses unpaid	\$6,788
Mortgage loans	22,000	Unearned premiums	36,686
Bonds and stocks	37,651	Other liabilities	763
Collateral loans	12,000		
Cash	27,748	Total liabilities	\$44,237
Agents' balances	64,098	Capital paid up	100,000
Interest and rents	1,549	Net surplus	30,467
Other assets	158		
Total assets	\$174,704	Total	\$174,704

RISKS AND PREMIUMS: Fire risks in force, December 31, \$173,347; premiums thereon, \$72,622.

BUSINESS SINCE ORGANIZATION: Premiums received, \$144,805; losses paid, \$763,206; dividends declared, cash, \$113,000.

REAL ESTATE OWNED: Consists of stone building and 3 lots by 5 rods, book value \$9,500 carried at same for market value. Total net rentals during past year, \$360.

MORTGAGE LOANS: There are 5 loans for \$22,000 on property valued at \$66,500. There was \$180 of interest past due on Dec. 31, last. Company holds \$27,400 of insurance on mortgage buildings.

COLLATERAL LOANS: There is one loan of \$12,000 on the stock of the Lumber Insurance Co., New York, valued at \$15,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Sherman Twp., Huron Co., O.		\$9,500	\$9,951
Fostoria, O.		2,000	2,017
New Haven Twp., O.		4,000	4,180
Stocks.			
Third Nat. Bk., Sandusky		5,000	9,632
Union Nat. Bk., Cleveland		12,000	12,000
Totals (book value, \$37,651).....		\$33,100	\$37,781

MISCELLANEOUS: This company was originally organized in 1848, and operated as a general fire and marine insurance company until 1887, after which the business in force was continued to expiration. It was reorganized in 1902 and now confines its operations almost entirely to lumber and woodworking risks. The company operates only in Ohio, having reinsured its business in other States in the Federal Underwriters in 1911. In 1912, the capital stock was increased from \$100,000 to \$173,900 with the intention of increasing it to \$250,000. Reduced in 1913 to \$150,000. The increase was made by cash payments. Capital reduced in 1914 to \$100,000.

DIRECTORS: C. R. Demarest, J. J. McKelvey, R. H. McKelvey, J. McKelvey, J. E. Melville, R. H. Long, H. R. Huntington

TWIN CITY FIRE INSURANCE COMPANY, Minneapolis, Minn.

President, G. A. Mowry; Secretary, W. A. Gordon. Organized, 1913.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$906,611	\$248,714	\$131,621	\$402,969	\$447,217	\$229,645	.....	\$180,161	\$409,806	\$232,068
1913	868,923	214,695	130,118	426,928	697,759	127,547	.....	389,758	517,305	138,216

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$831	Losses unpaid.....	\$13,183
Mortgage loans.....	\$91,337	Unearned prem.....	\$48,714
Bonds and stocks.....	76,000	Other liabilities.....	18,093
Cash.....	401,341	Total Liabilities.....	\$74,990
Agents' balances.....	29,498	Capital paid up.....	500,000
Interest and rents.....	7,878	Net surplus.....	131,621
Other assets.....	726		
Total assets.....	\$906,611	Total.....	\$906,611

Underwriting loss, \$40,003; investment profit, \$41,505.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$36,111,491; premiums thereon, \$458,091.

BUSINESS SINCE ORGANIZATION: Premiums received, \$829,897; losses paid, \$357,191.

REAL ESTATE OWNED: Consists of 1 frame dwelling house and two lots in Benson's Add'n. to Valley City, N. D. Value, \$381.

MORTGAGE LOANS: There are 150 first loans aggregating \$391,337 on farm and city property in Minn., N. D., Ill. and Wis., valued at more than double the amount loaned thereon. On Dec. 31, last, there was \$775 of interest past due.

BONDS AND STOCKS OWNED:		Par Value	Market Value
Brandon, Man., wat. wks.....		\$7,000	\$7,000
Carmon, Man., so.....		3,000	3,000
Minneapolis, Minn., Elks. Bldg.....		65,000	65,000
Totals.....		\$75,000	\$75,000

MISCELLANEOUS: This company commenced business early in 1913, having taken over the United American of Milwaukee. In the spring of 1913 it also absorbed the Middlewest Fire of Valley City, N. D. Its capital is \$500,000, and its initial surplus was \$500,000.

DIRECTORS: W. A. Gordon, Henry C. Hanks, Walter B. Jordan, Frank Krehla, W. J. Landon, John B. Lee, F. B. Meyers, F. H. Peterson, Milton Shumler, E. F. Volkmann, A. W. Wells, A. A. Wright, Geo. A. Mowry, William Walsh, F. H. Morlock.

FIELD MEN AND TERRITORY COVERED: Frank A. Krehla, general agent, and Lee W. Metzner, asst. general agent, Milwaukee, Wis., for Wis., Ill., and O.; Fred S. Young & Co., general agents, Des Moines, Ia., for Ia.; Alexander Cardie, State agent, and Benjamin Herberg, special agent, Minneapolis, Minn., for Minn.; W. G. Hodge, State agent, and C. S. McCullough, special agent, Fargo, N. D., for N. D.; A. L. Casey, State agent, Sioux Falls, S. D., for S. D.; John Peterson, State agent, Fargo, N. D., for Mont. and N. D. The company operates in Ill., Ia., Minn., Mont., N. D., S. D. and Wis.

UNDERWRITERS FIRE INSURANCE COMPANY, Concord, N. H.

President, Charles L. Jackman; Secretary, Freeman T. Jackman. Organized, 1886.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$335,292	\$24,083	\$100,134	\$31,523	\$48,165	\$11,817	\$12,800	\$18,421	\$44,038	\$13,192
1913	\$31,192	\$2,010	99,482	25,005	43,458	10,104	14,800	15,523	40,427	8,265
1912	\$34,180	21,040	100,631	24,756	60,773	13,290	13,800	17,645	44,630	11,256
1911	\$66,907	19,346	83,853	28,885	58,472	5,800	9,683	12,353	27,836	5,690
1910	182,572	16,472	62,935	20,309	29,443	6,435	5,963	8,915	21,213	6,711

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks.....	\$229,713	Losses unpaid.....	\$1,575
Collateral loans.....	61,947	Unearned prem.....	24,083
Cash.....	37,318	Other liabilities.....	9,500
Agents' balances.....	4,170	Total Liabilities.....	\$35,158
Interest and rents.....	2,144	Capital paid up.....	200,000
		Net surplus.....	100,134
Total assets.....	\$335,292	Total.....	\$335,292

Underwriting loss, \$1,838; investment profit, \$16,290.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,370,780; premiums thereon, \$47,894.

BUSINESS SINCE ORGANIZATION: Premiums received, \$683,989; losses paid, \$394,653; dividends declared, cash, \$35,192.

COLLATERAL LOANS are as follows:		Market Value	Amount Loaned
Nat. State Capital Bk.....		\$3,000	\$2,300
Vs. Car. Chem., com.....		712	
Amer. Woolen, p.....		586	
Vs. Car. Chem., p.....		100	
N. Y., N. H. & H. R. R.R.....		652	
Concord El., com.....		200	4,000
Page Belting.....		100	
Atch., Top. & Santa Fe R.R., com.....		98	
U. S. Steel Co., com.....		61	
Amer. Tl. & Tg. Co.....		1,331	
Amer. Agric. Chem., p.....		467	
Mechanics Nat. Bk.....		12,000	10,500
Page Belting.....		45,980	45,147
Totals.....		\$65,286	\$61,947

BONDS AND STOCKS OWNED:		Par Value	Market Value
Bonds.			
Atchison R.R. Lt. & Pow.....		\$1,000	\$961
Bos. & Me. R.R.....		1,000	984
Cent. Loan & Land.....		510	251
Concord Y. M. C. A.....		625	62
Concord Y. M. C. A.....		400	40
Kancamagus Club.....		90	9
So. Pac. R.R.....		2,500	2,821

STOCKS.		Par Value	Market Value
Atch. Top. & S. F. R.R., com.....		5,000	4,90
B. & Me. R.R., com.....		16,000	5,28
Concord & Montreal R.R.....		3,500	3,78
Gt. No. R.R.....		5,400	6,85
No. R.R. of N. H.....		500	51
N. Y., N. H. & H. R. R.R.....		21,000	13,70
So. Pac. R.R.....		14,100	13,62
Un. Pac. R.R., com.....		5,000	7,72
First Nat. Bk., Concord, N. H.....		500	1,72
Nat. Bk. of Lebanon, N. H.....		1,000	1,44
Nat. State Cap. Bk., Concord.....		1,200	2,81
Mechanics Nat. Bk., Concord.....		7,900	13,00
Ia. Loan & Trust.....		1,000	2,11
Amer. Agric., p.....		5,000	4,61
Amer. Exp.....		1,500	1,54
Amer. Locomotive, p.....		2,500	2,54
Amer. Sugar, com.....		7,500	7,51
Amer. Snuff, com.....		300	4
Amer. Tl. & Tg.....		5,000	6,0
Amer. Tob., com.....		1,500	3,4
Amer. Woolen, p.....		2,500	1,8
Atl. Refining.....		100	5
Anglo-Amer. Oil.....		100	3
Brit.-Amer. Tob.....		12,700	2,6
Buckeye Pipe Line.....		200	2
Capital Fire Ins., com.....		22,900	45,4

UNDERWRITERS FIRE INSURANCE COMPANY, Concord, N. H.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.	BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
STOCKS.—Cont.				STOCKS.—Cont.			
Concord Bldg.		\$2,800	\$2,800	Standard Oil, Ind.		\$300	\$1,380
Concord Shoe Factory		200	100	Standard Oil, N. Y.		800	1,680
Conley Foli.		100	275	Union Tank Line		100	85
Galena Signal Oil, com.		100	175	United Cigar Stores, com.		9,000	792
General El.		800	1,176	United Cigar Stores, p.		2,000	280
Gr. No. Ore.		5,000	1,575	United Fruit		900	1,328
Helme, Geo. W., com.		200	318	U. S. Exp.		2,500	1,812
Hill Associates		7,500	7,500	U. S. Rubber, 1 p.		3,100	3,178
Home Inv.		400	240	Vacuum Oil		200	438
Imperial Tob. B., def.		1,300	65	Va. Car. Chem., com.		9,500	2,708
Ind. Pipe Line		100	122	Va. Car. Chem., p.		400	400
Johnson Tin Foli.		100	150	West. Un. Tg.		14,000	7,980
Lehigh Val. Coal Sales		2,200	3,740	Westinghouse Mfg.		1,000	656
Liggett & Myers Tob. com.		900	1,908	Weyman-Burton, com.		200	430
Lorillard Co., com.		600	1,020	Young, J. S., com.		100	125
Maverick Mills		1,000	800	United Profit Sharing		1,100	110
McAndrews & Forbes, com.		100	195				
Mergenthaler Linotype Co.		1,100	2,360	Totals (book value, \$202,408)		\$229,185	\$329,712
Nat. Transit.		500	175				
Nat. Surety		500	880				
Nat. Sugar		500	460				
N. Y. Transit.		100	265				
Ohio Oil		600	1,074				
Page Belling		3,800	4,180				
Prarie Oil & Gas		200	860				
Porto Rican-Amer. Tob.		180	380				
Reynolds, R. J.		200	530				
So. Pipe Line		100	221				
South Penn Oil		100	280				
Standard Oil, N. J.		2,000	8,080				
Standard Oil, Cal.		700	2,240				

MISCELLANEOUS: This company was formerly the Fire Underwriters Association; name changed by act of legislature in 1907 to the Underwriters Fire Insurance Company. Paid-up capital increased in 1907 from \$10,000 to \$35,000, and in 1908 from \$35,000 to \$59,000; in 1909 from \$59,000 to \$100,000 by cash payments, and in 1911 to \$200,000 fully paid up.

DIRECTORS: Charles L. Jackman, Fred W. Cheney, M. R. Jackman, T. E. Prescott, F. T. Jackman and B. F. Prescott.

FIELD MEN AND TERRITORY COVERED: F. T. Jackman and A. R. Kendall, special agents for N. H. and Vt.; John W. Gailey, special agent for Pa. The company operates in N. H., Pa. and Vt.

UNDERWRITERS FIRE INSURANCE COMPANY, Rocky Mount, N. C.

President, M. R. Braswell; Secretary, W. S. Wilkinson. Organized, 1905.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$122,225	\$29,051	\$37,215	\$27,834	\$33,893	\$11,665	\$3,805	\$11,210	\$26,480	\$13,065
1913	114,909	24,588	35,558	22,617	28,794	6,406	3,090	10,046	19,542	6,873
1912	105,911	20,962	29,716	20,622	25,784	6,577	3,090	8,532	18,199	6,958
1911	96,594	18,180	25,524	18,780	22,784	5,375	3,090	7,685	16,650	6,738
1910	91,638	15,997	22,054	16,135	20,160	3,927	3,090	6,443	13,460	3,192

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans	\$94,597	Losses unpaid	\$1,959
Bonds	10,500	Unearned premiums	29,051
Cash	8,632	Other liabilities	2,500
Agents' balances	5,920		
Interest	2,576	Total liabilities	\$33,510
		Capital paid up	51,500
		Net surplus	37,215
Total assets	\$122,225	Total	\$122,225

RISKS AND PREMIUMS: Fire risks in force Dec. 31, \$354,445; premiums thereon, \$73,121.

BUSINESS SINCE ORGANIZATION: Premiums received, \$143,970; losses paid, \$46,816; cash dividends declared, \$22,145.

MORTGAGE LOANS: There are 62 first mortgage loans amounting to \$94,597 on improved real estate valued at \$267,450. The company holds \$89,275 of insurance on the buildings. No interest past due on December 31, last.

BONDS OWNED:		Par Value.	Market Value.
N. C., 1949-50, 4%		\$10,000	\$10,000
Salisbury Ice & Fuel, 1916, 6%		5,000	5,000
Totals		\$15,000	\$15,000

MISCELLANEOUS: This company was organized late in 1905, and commenced business February 1, 1906, with a cash capital and surplus amounting to \$64,325.

DIRECTORS: W. L. Sherrod, Dr. J. C. Braswell, J. B. Phillips, H. B. Bryan, M. C. Braswell, Geo. B. Curtis, R. S. Wells, S. C. Bellamy, J. M. Sherrod, S. F. Austin, W. T. Braswell, Dr. J. P. Wimberley, W. D. Hackney, Dr. R. H. Speight, W. L. Banks, Dr. G. L. Wimberley, J. C. Braswell, Dr. H. B. Marriott, G. S. Edwards, D. J. Ross, Dr. M. R. Braswell, W. S. Wilkinson, W. T. Willeford, E. W. Shearin.

FIELD MEN AND TERRITORY COVERED: Wilkinson, Ullock & Co., general agents; Geo. A. Wilkinson, special agent, Rocky Mount, N. C. Company operates only in N. C.

UNDERWRITERS OF GREENSBORO, Greensboro, N. C.

President, J. Van Lindley; Secretary and Treasurer, A. W. McAllister. Organized, 1897.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$229,497	\$64,745	\$57,159	\$63,391	\$78,566	\$39,359	\$6,000	\$26,872	\$72,231	\$38,923
1913	220,589	60,536	52,024	63,812	74,613	27,229	6,000	28,101	61,330	28,022
1912	206,003	52,834	45,934	56,558	65,523	26,848	6,000	22,723	55,371	26,543
1911	192,311	46,735	35,236	53,870	65,122	25,937	6,000	21,774	53,711	24,278
1910	179,362	47,501	23,361	53,985	58,766	21,146	6,000	21,654	48,800	23,476

UNDERWRITERS OF GREENSBORO, Greensboro, N. C.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$105,114	Losses unpaid	\$1,593
Bonds and stocks	96,710	Unearned premiums	64,745
Loans on G'boro news stk.	1,000	Other liabilities	6,000
Cash	14,286	Total liabilities	\$72,338
Agents' balances	9,114	Capital paid up	100,000
Interest	1,809	Net surplus	57,159
Other assets	1,464		
Total assets	\$229,497	Total	\$229,497

MORTGAGE LOANS: There are 54 loans aggregating \$105,114, secured by real estate in N. C., S. C., and Va., estimated worth \$471,560. There was \$130 interest past due, on Dec. 31, last, and the company holds \$107,075 of insurance on the buildings.

BONDS AND STOCKS OWNED:		Par Value.	Market Value
Imperial Co.	Bonds	\$2,000	\$2,000

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
STOCKS.			
Southern Rl. Ea. Ln. & Tr.		\$5,000	\$18,500
American Exc. Nat. Bk.		5,000	5,500
Southern Underwriters		16,200	17,010
North Carolina Tr.		24,000	27,600
Hunter Mfg. & Com.		20,800	26,000
Totals		\$73,000	\$86,710

MISCELLANEOUS: Capital increased in 1908 from \$37,500 to \$75,000 by transferring \$37,500 from surplus. Capital increased in 1909 to \$100,000.

DIRECTORS: A. W. McAllister, Wm. E. Holt, J. B. Stroud, W. A. Thomas, Chas. W. Horne, W. P. Beall, J. Y. Joyner, J. Van Lindley, G. A. Norwood, Jr., R. H. Ricks, B. D. Heath, C. G. Wright, Carey J. Hunter, Geo. Hackney, E. M. Hendrix, A. M. Seales, R. G. Vaughn, C. A. Mebane, R. C. Hood.

FIELD MEN AND TERRITORY COVERED: A. W. McAllister, manager; C. A. Mebane, assistant manager; A. T. Freyer, special agent; W. E. Ashley, adjuster. The company operates only in N. C. and S. C.

UNION INSURANCE COMPANY, Bangor, Me.†

President., A. F. Stetson; Secretary, A. W. Staples; Asst. Secretary, A. F. Stetson, Jr. Organized, 1862.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$577,596	\$103,350	\$139,386	\$195,424	\$217,201	\$103,882	\$36,000	\$41,595	\$181,477	\$109,770
1913	551,382	86,848	136,486	153,923	175,004	94,021	24,000	31,240	149,261	95,173
1912	531,464	78,422	226,676	149,338	169,250	91,549	24,000	31,953	147,502	93,949
1911	507,178	69,893	217,237	136,911	156,553	95,692	24,000	28,599	148,291	92,781
1910	502,209	67,596	207,874	143,528	162,678	83,118	24,000	26,517	133,635	89,513

† Transacts marine insurance only.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$452,103	Losses unpaid	\$31,610
Cash	54,254	Unearned premiums	103,350
Agents' balances, etc	47,635	Other liabilities	3,250
Interest and rents	3,109	Total liabilities	\$138,210
Bills receivable	20,495	Capital paid up	300,000
		Net surplus	139,386
Total assets	\$577,596	Total	\$577,596

RISKS AND PREMIUMS: marine and inland risks in force, \$2,548,450; premiums thereon, \$135,255.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,563,358; losses paid, \$4,954,787; dividends declared, cash, \$765,000; stock, \$200,000.

BONDS OWNED:		Par Value.	Market Value.
Ashland, Wis., 1932, 4½%		\$5,000	\$4,900
Bay City, Mich., 1916, 5%		4,000	4,000
Bellingham, Wash., 1926, 5%		5,000	5,150
Boulder, Col., 1925, 5%		5,000	5,200
Cheyenne, Wyo., 1940, 5%		5,000	5,200
Duluth, Minn., 1923, 5%		2,000	2,080
Duluth, Minn., 1928, 4%		6,000	5,700
East Providence, R. I., 1951, 4%		10,000	9,091
Galveston, Tex., 1928, 5%		10,000	10,000
Hamilton, Ohio, 1939-44, 5%		10,000	10,700
Houston, Me., 1917, 4%		2,000	1,956
Jackson, Mich., 1935, 4½%		5,000	4,837
Kansas City, Kan., 1940, 4½%		10,000	10,420
Lewiston, Me., 1930, 4%		5,000	4,875
Minneapolis, Minn., 1918, 4%		10,000	9,800
Middletown, O., 1931-37, 5%		7,000	7,490
Nashville, Tenn., 1933, 5%		5,000	5,200
Omaha, Neb., 1924, 4½%		10,000	10,000
Pittston, Pa., 1926, 4½%		5,000	5,134
Port Huron, Mich., 1922, 4%		6,000	5,880
Portland, Ore., 1938, 5%, 1941, 4%		10,000	9,600
Penobscot Co., Me., 1915-16, 3½%		9,000	9,000
Paulding Co., O., 1919, 5%		5,000	5,041
Pueblo, Col., 1929, 5%		5,000	5,150
Racine, Wis., 1916, 5%		9,300	9,300
Sacramento, Cal., 1923, 4½%		5,000	5,000
Sault Ste. Marie, Mich., 1921, 4%		5,000	4,900
Seattle, Wash., 1918, 5%		5,000	5,000
South Omaha, Neb., 1925, 4½%		3,000	3,000
South Omaha, Neb., 1920, 5%		5,000	5,150
outh Omaha, Neb., 1932, 5½%		5,000	5,233
pringfield, Mo., 1932, 5%		10,000	10,500
tilwater, Minn., 1917, 5%		10,000	10,000
tockton, Cal., 1923-4, 4½%		1,500	1,411

BONDS OWNED.—Cont.		Par Value.	Market Value.
San Diego, Cal., 1932, 5%		\$5,000	\$5,100
Tacoma, Wash., 1927, 5%		5,000	5,150
Toronto, Ont., 1948, 4%		9,733	8,419
Alleg. & W. R. R., 1908, 4%		5,000	4,700
Ashland Lt. Pow. & St. Ry., 1939, 5%		6,000	5,700
At. T. & S. F. Ry., 1905, 4%		19,000	17,450
B. & O. R. R., 1925, 3½%		15,000	13,200
Bangor Ry. & El., 1935, 5%		8,000	8,000
Boston & Wor. St. Ry., 1923, 4½%		5,000	4,700
B. Roch. & P. R. R., 1920, 4½%		10,000	9,800
Can. No. Ry. eq., 1919, 4½%		5,000	4,900
Central El. Ry., 1914, 5%		5,000	5,000
C. B. & Q. R. R., 1949, 3½%		5,000	4,800
Con. & Mont. R. R., 1920, 4%		10,000	9,200
Ind. Ry., 1930, 5%		3,000	3,000
Ind., Ill. & Ia. R. R., 1950, 4%		10,000	8,500
Jack. & Battle Creek, To., 1923, 5%		6,000	5,640
Midd. & Bos. St. Ry., 1932, 4½%		5,000	4,912
N. Y., O. & W. R. R., 1902, 4%		5,000	4,200
Rutland Ry. & Lt. Pow., 1946, 5%		5,000	4,700
Schoenect. Ry., 1941, 4½%		10,000	10,300
St. L. I. Min. & So. R. R., 1923, 4%		10,000	6,700
Tm. R. R. Ass'n, St. L., 1953, 4%		10,000	8,500
Topeka Ry., 1930, 5%		5,000	4,750
Trenton Pass. Ry., 1931, 6%		8,000	8,800
Tri-City Ry. & Lt., 1923, 5%		5,000	4,550
Western Md., 1952, 4%		13,000	7,540
Wichita R. R. & Lt., 1932, 5%		8,000	7,920
Aub. & Syr. El., 1942, 5%		5,000	4,500
Colo. Spr. Lt. & Pow., 1919, 5%		4,000	3,500
Herk. Co. Lt. & Pow., 1930, 5%		3,000	2,940
Kan. Gas & El., 1922, 5%		6,000	5,320
Minn. Gn. El., 1934, 5%		5,000	4,900
Montreal Lt., Ht. & Pow., 1932, 4½%		10,000	9,700
W. Un. Tg., 1950, 4½%		10,000	8,900
Totals (book value, \$465,966)		\$473,533	\$452,102

MISCELLANEOUS: This company was organized in 1862 and transacts a marine and inland business. Capital increased in 1910 from \$100,000 to \$200,000 by stock dividend of \$100,000, and in 1913 from \$200,000 to \$300,000 by stock dividend.

DIRECTORS: John Wilson, F. H. Appleton, A. F. Stetson, C. F. Dennett, I. K. Stetson, W. S. Higgins, Charles Stetson, Jos. G. Blake, S. F. Dennett, Hugh R. Chaplin and Frank I. Pindle, on.

FIELD MEN AND TERRITORY COVERED: Cowie & Edwards, St. John, N. B., general agents for Provinces; Hutchinson Rivinus & Co., agents, Philadelphia, Pa.; Wm. Wallace and Co., agents, Boston, Mass. The company operates in Me., Mass., Pa. and N. B.

UNION FIRE INSURANCE COMPANY, Buffalo, N. Y.

President, O. E. Foster; Secretary, C. Lee Abell. Organized, 1874.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$364,886	\$71,889	\$74,903	\$139,406	\$158,064	\$71,704	\$12,000	\$51,438	\$135,251	\$74,782
1913	342,340	61,236	68,054	120,464	130,622	51,871	11,970	42,773	106,614	57,589
1912	327,139	46,864	73,954	98,700	112,015	53,046	11,940	36,750	101,736	47,033
1911	321,915	32,577	76,831	77,810	90,992	24,197	12,000	31,244	67,441	32,894
1910	298,794	11,216	78,488	113,432	32,807	5,941	6,000	12,837	24,768	.....

* Premiums for two months only, expenses for entire year.

Assets, Dec. 31, 1914.

LIABILITIES, Dec. 31, 1914.

Mortgage loans	\$59,250	Losses unpaid	\$15,642
Bonds and stocks	227,244	Unearned prem.	71,889
Cash	47,633	Other liabilities	2,461
Agents' balances	26,576		
Interest	2,842	Total liabilities	\$89,992
Other assets	1,350	Capital paid up	200,000
		Net surplus	74,903
Total assets	\$364,886	Total	\$364,886

Underwriting profit, \$4,674; investment profit, \$14,272.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,473,277; premiums thereon, \$139,044.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,082,375; losses paid, \$1,121,137; dividends declared, cash, \$15,900.

MORTGAGE LOANS: The 15 mortgages, which aggregate \$59,250, appear to be simply secured by local properties valued at \$151,872, and on which the company holds \$74,550 of insurance.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Buffalo, 1900, 4%	\$38,000	\$36,860
Buffalo, wat. r., 1930, 3½%	9,999	9,266
Lockport, Sc., 1917, 4½%	12,000	12,120
New York City, G., 1954, 3½%	60,000	52,800
Syracuse Falls, wat., 1940, 4½%	20,000	21,000
Rochester, 1933, 4½%	5,000	5,300
Schenectady, Sc., 1929, 4½%	10,000	10,400

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
Syracuse Imp., 1919, 4½%	\$10,000	\$10,200
Binghamton Ry., 1 m., 1931, 5%	10,000	9,100
Iowa Cent. Ry., 1951, 4½%	10,000	4,800
Lima El. Ry. & L., 1916, 5%	3,500	3,360
Lockport Cleot Ry., 1920, 5%	5,000	4,750
Niagara Gorge R. R., 1927, 5%	10,000	7,600
St. L. R. Mtn. & Pac. R. R., 1955, 5%	5,000	3,900
So. Pac., 1934, 5%	5,000	5,100
Illinois Steel, 1940, 4½%	5,000	4,350
Lackawanna Steel, 1923, 5%	1,000	910
N. Y. St. Steel, 1936, 5%	25,444	10,177

STOCKS.

Buffalo Gn. El.	9,000	8,550
Cataract Power & Conduit	5,000	6,500
Western Adj. & Insp.	100	200

Totals (book value, \$250,804)..... \$259,044 \$227,244

MISCELLANEOUS: This company was organized in 1874, and retired from business in 1909; resumed operations late in 1910.

DIRECTORS: C. Lee Abell, W. G. Case, O. E. Foster, H. C. Harrison, W. E. Hutchins, J. H. Lascelles, H. H. Persons, G. B. Rodgers, Jno. T. Steele, Geo. R. Teller, Harry T. Varr, Harold L. Abell, Wm. T. Roberts, A. D. Gail.

FIELD MEN AND TERRITORY COVERED: Crum & Forster, New York City, general agents for the United States. The company operates in Ill., Mich., N. J., N. Y. and Pa.

UNION INSURANCE COMPANY, Pittsburg, Pa.

President, Andrew W. Mellon; Secretary, J. W. J. McLain. Organized, 1871.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$332,304	\$92,770	\$118,866	\$93,580	\$115,126	\$50,521	\$10,000	\$44,345	\$104,866	\$56,431
1913	222,020	94,184	118,375	97,682	113,419	53,156	10,000	43,572	106,728	43,896
1912	318,213	88,797	110,804	101,252	116,745	40,815	10,000	41,607	91,922	46,000
1911	232,421	71,562	107,689	81,572	95,063	35,136	8,000	35,431	78,587	32,933
1910	276,515	69,213	94,748	78,807	92,163	34,880	8,000	33,132	76,012	39,610

Assets, Dec. 31, 1914.

LIABILITIES, Dec. 31, 1914.

Real estate	\$6,375	Losses unpaid	\$11,782
Mortgage loans	149,965	Unearned prem.	92,770
Bonds and stocks	141,896	Other liabilities	8,886
Cash	11,436		
Agents' balances	18,019	Total liabilities	\$113,438
Interest and rents	4,614	Capital paid up	100,000
		Net surplus	118,866
Total assets	\$332,304	Total	\$332,304

Underwriting loss, \$4,596; investment profit, \$15,086.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$17,508,456; premiums thereon, \$181,017.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,263,313; losses paid, \$614,821; dividends declared, cash, \$265,442.

REAL ESTATE OWNED: Comprises lot 30x100 ft., 7th and McKeesport, Pa., with 2-story frame dwelling; and lot 21x125 ft., 7th Ward, McKeesport, Pa., with 2-story frame dwelling, valued at market value. Rents received last year amounted to \$438 and the expenses to \$253.

MORTGAGE LOANS: There are 55 loans, amounting to \$149,965, secured by first liens on property located in Allegheny Co., valued at \$355,106. There was \$530 of interest past due on December 31, last. The company holds \$198,500 of insurance on the buildings.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Union Gas, McKeesport, Pa.	\$10,000	\$9,700
Joseph Water	10,000	8,200
C. Frick Co.	2,000	2,020

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
Connellsville, Pa., Water	\$5,000	\$3,900
New Castle, Pa., Water	5,000	4,250
Monongahela St. Ry., Pittsburg	5,000	5,000
Pittsburgh Crucible Steel	10,000	9,900
Allegheny Valley St. Ry.	10,000	10,000
Pittsburgh-Buttalo	5,000	4,750
Pittsburgh Coal, deb.	10,000	9,300
Chartiers Valley Water	5,000	5,000
Jamison Coal & Coke	5,000	4,950
National Fire Proofing	5,000	4,950
Monessen Water	5,000	4,900
Gulf Refining	10,000	9,900
Inter-Borough Rapid Transit	10,000	9,900
Penn. Gn. Frt. Eq. Tr.	10,000	10,100
Coastwise Steamship, N. J.	5,000	4,850
Chesapeake & Ohio Ry.	5,000	4,850
Ca. Tc. Car Tr.	5,000	4,925

STOCKS.

Union Trust, Pittsburg	400	10,600
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Totals..... \$137,400 \$141,895

MISCELLANEOUS: Conflagration losses: Chicago, 1871, \$4,916; Baltimore, 1904, \$3,000.

DIRECTORS: A. W. Mellon, Thos. Walker, H. C. Frick, James H. Lockhart, Chas. R. Fendrich, Samuel Jarvis, Edwin J. Krueger, John T. Findley, Thos. C. Lasear, T. A. Mellon, J. W. J. McLain, H. A. Phillips.

FIELD MEN AND TERRITORY COVERED: Edwin J. Krueger, general agent; Harry F. Allison, special agent. The company operates in Ill., O., Pa. and Wis.

UNITED FIREMENS INS. CO. OF PHILADELPHIA, Philadelphia, Pa.—Continued.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
Third Nat. Bk., Phila.	\$5,000	\$12,850
Jessup & Moore Paper, Mass., cum. 1 p.	10,000	9,800
So. Pacific Ky.	10,000	9,600
Tex. Pow. & Lt., Tex., cum. p.	10,000	9,500
Jessup & Moore Pap., Mass., com.	1,500	375
St. Lawrence Securities Corp., Va.	5,000	750
Gen. Adj. Bur., N. Y.	150	150
Underwriters' Salv., Chicago	500	500
Underwriters' Salv., N. Y.	500	750
Western Adj.	100	200
Phila. Underwriters' Assn. Dep.	100	100
Total (book value, \$1,245,941)	\$1,341,350	\$1,270,866

MISCELLANEOUS: Capital increased in 1882 from \$200,000

to \$300,000, and in 1906 to \$400,000; \$100,000 being realized as premium on the new stock and added to surplus. Capital reduced in 1908 from \$400,000 to \$200,000, and in 1911 increased to \$400,000 and \$100,000 added to surplus. Conflagration losses: Baltimore, 1904, \$100,210; San Francisco, 1906, \$311,552; Chelsea, Mass., 1908, \$335,061. Value of special deposit in Georgia, \$8,800.

DIRECTORS: Geo. De B. Keim, Percy M. Chandler, Josiah A. McKee, Thomas K. Ober, Jr., Maurice W. Sloan, George B. Wells, S. W. Ffoulkes, Wm. H. Clark, Chas. T. Colladay.

FIELD MEN AND TERRITORY COVERED: General agents: Jas. F. Cobb Co., Inc., San Francisco, Cal., for Cal., Wakefield, Morley & Co., Hartford, Conn., for Conn.; Harry S. Kaufman, Ltd., New Orleans, La., for La.; Bertheau, Selbach & Bertheau, San Francisco, Cal., for Cal., Ore. and Wash. The company operates in Cal., Conn., Fla., Ga., Ill., La., Me., Mass., Mich., N. J., N. Y., O., Pa., R. I., S. C., Ore., Wash., Ala., Minn., Wis. and Md.

UNITED STATES FIRE INSURANCE COMPANY, New York, N. Y.

President, Charles A. Norris; Vice-Presidents, Mortimer J. Ennis, Mortimer L. Allen; Secretary, O. B. Candidus. Organized, 1824.

Year.	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,330,907	\$638,271	\$205,085	\$712,850	\$762,029	\$395,400	\$23,000	\$310,647	\$734,047	\$401,872
1913	1,197,387	622,815	202,922	780,135	825,158	339,186	28,000	330,367	697,553	348,095
1912	1,110,927	370,229	290,972	580,060	625,887	278,339	28,000	249,554	555,893	263,071
1911	1,046,940	299,841	288,378	503,109	549,822	333,303	24,000	215,024	572,327	305,203
1910	557,242	134,069	135,629	246,035	287,104	129,370	15,000	112,999	257,369	128,703

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$51,000	Losses unpaid	\$76,551
Bonds and stocks	940,661	Unearned premiums	638,271
Loans on Sanborn map, val. \$12,000.	10,000	Other liabilities	10,700
Cash	120,861	Total liabilities	\$625,822
Agents' balances	106,223	Capital paid up	400,000
Interest	4,936	Net surplus	205,085
Total	\$1,243,681		
Sp. dep. over liab.	12,774		
Total assets	\$1,230,907	Total	\$1,230,907

Underwriting loss, \$23,429; investment profit, \$66,367.

RISKS AND PREMIUMS: Fire risks in force, December 31, 1914, \$64,966; premiums thereon, \$1,019,952.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,119,177; losses paid, \$7,581,763; dividends declared, cash, \$2,087,060.

MORTGAGE LOANS: There is a loan of \$20,500 on an apartment at 191 St. Nicholas ave., New York, valued at \$35,000; one of \$28,000 on 627 West End ave., New York, valued at \$45,000; and one of \$2,500 on 559 Clinton ave., Brooklyn, valued at \$8,000.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
Atlanta, Ga., sr., reg., 1917-20, 4½%	\$6,000	\$6,000
Atlanta, Ga., sr., reg., 1919, 4½%	3,000	3,000
Atlanta, Ga., wat., reg., 1920, 4½%	1,000	1,000
New York College, reg., 1915, 3½%	16,000	16,000
New York Dock, reg., 1927-53, 3½%	89,000	82,460
New York Pl., reg., 1940, 3½%	20,000	18,000
New York R. T., reg., 1952-54, 3½%	160,000	140,800
New York reg., 1954-55, 3½%	48,500	42,680
Richfield, Va., reg., 1929-38, 4%	10,000	8,930
Richmond, Va., reg., 1945, 4%	12,000	11,160
Chas. & O. R. R., cv., 1930, 4½%	10,000	8,000
N. Y. N. H. & H. cv., 1956, 3½%	10,000	6,800
Pa. Pac. cv., 1929, 4%	25,000	21,500
Pa. Pac. cv., 1934, 5%	6,000	6,120
Amer. Tl. & Tg., cv., 1933, 4½%	60,000	59,400

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
Atl. Cst. L., com.	\$30,000	\$36,300
Balt. & O. R. R., p.	1,200	963
Balt. & O. R. R., com.	2,250	2,002
Del. & Hud.	20,000	20,000
Gt. No. Ry., p.	20,000	24,900
Lehigh Val., R. R.	10,000	13,900
No. Pac.	30,000	33,300
So. Pac. com.	30,000	28,800
Un. Pac. com.	10,000	12,900
1st Nat. Bk., of N. Y. Cy.	5,000	44,700
Hanover Nat. Bk. of N. Y. Cy.	5,800	38,570
Nat. Bk. of Com. in N. Y. Cy.	15,000	26,200
Nat. Ph. Bk. of N. Y. Cy.	12,000	44,040
Peoples Nat. Bk. of Hackensack, N. J.	20,000	60,000
Amer. Tob., p.	10,000	10,700
Gn. El.	10,000	15,000
Liggett & Myers, p.	10,000	11,800
P. Lorillard & Co., p.	10,000	11,600
Lehigh Val. Coal.	1,250	2,187
Pac. Tl. & Tg., p.	10,000	8,800
Sanborn Map.	10,000	24,000
Washington wat. pow.	25,000	29,750

Totals (book value, \$1,008,547)..... \$774,000 \$940,662

MISCELLANEOUS: Conflagration losses: Boston, 1872, \$5,000; Baltimore, 1904, \$66,931; San Francisco, 1906, \$163,931. The company reinsured most of its outstanding risks in the Westchester Fire of New York, in June, 1906, resumed operations in August, 1906. Absorbed the Peter Cooper of New York in 1911, and increased capital to \$400,000. Value of special deposit in Georgia, \$10,000; Virginia, \$20,000; New York, \$21,310.

DIRECTORS: A. Romeyn Pierson, George R. Branson, William E. Hutchins, John A. Forster, J. Lester Parsons, W. McD. Pierson, Charles A. Norris, Isaac L. Allen, Mortimer L. Allen, A. S. Hutchins, Wm. L. Albrow, Jas. A. Bennett, F. W. Drake, M. J. Ennis, Louis F. Ballard, O. B. Candidus, F. H. Crum, R. O. Hanbold, Perry C. Todd, J. F. Smith and D. G. Wakeman.

FIELD MEN AND TERRITORY COVERED: Crum & Forster, New York, general agents for the United States. The company operates in Colo., Conn., Ill., Ind., Ky., La., Md., Mich., Minn., Miss., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., S. D., Utah, Va., W. Va., Wis., Cal., Ga., Ia., Mass., N. D., Ore., Tenn. and Wash.

UNIVERSAL FIRE INSURANCE COMPANY, Chicago, Ill.

President, Gerald A. Rolles. Incorporated, November, 1914.

This company was incorporated late in 1914 with an authorized capital of \$1,000,000 and a like amount of surplus. The shares are to be sold at double par value of \$10. The company is licensed in Ill., but we are informed they will later expand, and is at present in the organization process. We are advised that in a short time the company will have an organized field force established in Ill.

The company's present address is 749-51 Insurance Exchange Bldg., Chicago, Ill. The organization committee are Gerald A. Rolles, N. M. St. Clair, W. H. Healy, W. H. Kern, E. R. Thomas, W. B. Taylor, H. C. Dix, W. J. Dillon, F. B. Baldwin, E. W. Thompson.

VIRGINIA FIRE AND MARINE INSURANCE COMPANY, Richmond, Va.

President, W. H. Palmer; Secretary, W. H. McCarthy. Organized, 1832.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,761,020	\$720,604	\$668,155	\$744,690	\$817,746	\$476,861	\$30,000	\$290,478	\$797,339	\$481,519
1913	1,739,740	708,723	672,411	742,108	798,362	408,083	25,000	293,984	727,067	419,234
1912	1,649,798	683,894	628,694	728,764	805,376	456,916	25,000	276,625	758,541	447,494
1911	1,618,037	665,735	613,505	729,570	794,291	482,599	25,000	281,056	788,655	468,839
1910	1,590,722	669,567	577,684	758,839	827,409	463,177	25,000	279,239	767,416	430,390

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$118,458	Losses unpaid.....	\$89,757
Mortgage loans.....	82,175	Unearned premis.....	720,604
Bonds and stocks.....	1,326,558	Dividend.....	15,000
Collateral loans.....	19,600	Other liabilities.....	17,504
Cash.....	60,636		
Agents' balances.....	134,159	Total liabilities.....	\$842,865
Interest.....	19,194	Capital paid up.....	250,000
Other assets.....	241	Net surplus.....	668,155
Total assets.....	\$1,761,020	Total.....	\$1,761,020

Underwriting loss, \$41,897; investment profit, \$67,641.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$97,395,639; premiums thereon, \$1,411,613.

BUSINESS SINCE 1865: Premiums received, \$16,570,852; losses paid, \$10,124,898; dividends declared, cash, \$1,877,066.

REAL ESTATE OWNED: Includes the company's home office building, 1015 E. Main st., Richmond, which cost \$31,300 in 1861, carried at book value, \$75,000; a warehouse at 1014-16 E. Cary st., Richmond, carried at book value, \$40,000; and a number of lots in Richmond. All are unincumbered.

MORTGAGE LOANS: The \$82,175 of mortgages include 15 loans, ranging from \$1,000 to \$20,000, the latter being upon Richmond property, valued at \$34,800. The total valuation of the mortgaged properties (which are located in Richmond and several other Virginia towns) is \$173,500, and the company holds \$108,700 insurance on the buildings. There is no overdue interest.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Nat. Sta. & Cy. Bk., stk., Richmond....		\$3,045	\$1,600
Nat. Sta. & Cy. Bk., stk., Richmond....		12,180	10,000
Va. Ry. & Power, p. stk.....		8,890	
Va.-Caro. Chem., p. stk.....		12,375	8,000
Totals (par value, \$30,000).....		\$37,400	\$19,600

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
U. S. Reg. Pan., 1901, 3%.....		\$25,500	\$25,755
Ala., reg., 1956, 4%.....		13,000	13,000
Ashland, Va., wat. & s., 1904, 5%.....		5,000	4,900
Blacksburg, Va., 1941, 6%.....		12,000	12,480
Danville, Va., int. imp., 1935, 4%.....		20,000	18,600
Farmville, Va., wat., 1931, 5%.....		10,000	10,100
Franklin, Va., sc., demand, 6%.....		8,000	8,000
Lynchburg, Va., wat., 1938, 4%.....		30,000	27,900
Manchester, Va., r., 1935, 4%.....		3,000	2,850
Manchester, Va., wat. fil. pl., 1940, 4%.....		500	470
Mass., S. s., 1930, 3%.....		10,000	8,900
Mass., S. s., 1930, 3%.....		3,000	2,820
Mobile, Ala., c. r., 1937, 4%.....		10,000	9,900
N. Y. Cy., corp. stk., 1962, 4%.....		13,000	13,390
N. C., 1950, 4%.....		13,000	13,000
Petersburg, Va., r. g., 1943, 4%.....		1,000	920
Richmond, Va., 1920, 4%.....		100	98
Richmond, Va., 1921, 5%.....		5,600	5,712
So. Boston, Va., 1942, 6%.....		3,000	3,000
Va. S. cent., 1901, 3%.....		305,500	256,620
Va., S. Riddle, 1932, 3%.....		26,600	22,876
Wilmington, N. C., 1922, 5%.....		10,000	10,300
Atl. C. L. R. R., col. tr., 1952, 4%.....		20,000	18,400
Atl. C. L. R. R., 1 co., 1952, 4%.....		30,000	28,200
Atl. C. L. R. R., eq. g., 1915, 4%.....		5,000	5,000
B. & O. R. R., cv. g., 1933, 4%.....		6,000	5,520
C. & O. Ry., gn. m., 1992, 4%.....		20,000	18,800
Ga. & Fla. Tm., 1 m., 1930, 6%.....		20,000	19,400
Ga. Mid. Ry., 1 m. g., 1946, 3%.....		50,000	31,500
N. & W. Ry., 1 co., 1996, 4%.....		10,000	9,600
N. & W. Ry., cv. g., 1938, 4%.....		5,000	5,250
S. A. L. Ry., 1 m. g., 1950, 4%.....		22,000	18,700

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
So. Ga. Ry., 1 m. g., 1923, 5%.....		\$15,000	\$13,950
So. Ry., 1 co., 1994, 5%.....		10,000	10,500
So. Ry. div. ofis., 1919, 4%.....		600	432
Va. & Swa. Ry., 1 co., 1958, 5%.....		10,000	9,200
Va. Ry. & Pow., 1 m. & r., 1934, 5%.....		55,000	50,600
Commonw. Cl. Richmond, 1 m., 1920, 6%.....		2,000	2,000
Rich. Loco. Mach. Wks., 1 co., 1929, 6%.....		22,000	23,100
Uni. of Va., Charl., 1 m., 1946, 4%.....		12,500	12,500
Va. Caro. Chem., 1 m. g., 1923, 5%.....		46,000	44,100
Va. Caro. Chem., cv., 1924, 6%.....		4,000	4,000

STOCKS.		Par Value.	Market Value.
Atlantic Coast Line R. R., com.....		24,700	41,867
B. & O. R. R., p.....		20,000	16,200
L. & N. R. R., com.....		18,000	24,846
N. & W. R. R., p.....		10,000	8,900
N. & W. R. R., com.....		25,200	26,205
Rich., Fred. & Pot. R. R., div. ob.....		6,000	18,420
Rich., Fred. & Pot. R. R., com.....		2,000	6,140
So. Ry., p.....		30,000	20,400
Va. Ry. & Pow., Richmond, p.....		20,000	19,600
First Nat. Bk., Richmond.....		3,600	9,072
Nat. S. & Cy. Bk., Richmond.....		15,500	31,465
Va. Tr., Richmond.....		4,000	7,000
Amer. Loco., p.....		20,000	20,000
First Nat. Bk. Bldg. Corp., Richmond.....		10,000	10,000
Gn. Adj. Bur., N. Y.....		100	10
Jefferson Rlty. Corp., Richmond, p.....		19,400	19,40
Jefferson Rlty. Corp., Richmond, 2 p.....		2,000	1,70
Jefferson Rlty. Corp., Richmond, com.....		2,000	30
Louisville Prop. Ky.....		1,000	60
Southern Adj. Bur., Atlanta, Ga.....		100	10
Underwriters' Salv., N. Y.....		500	75
Va. Caro. Chem., p.....		41,700	41,25
Totals (book value, \$1,371,708).....		\$1,390,800	*\$1,382,58

* Securities as per company's valuations; the item in assets based on insurance department valuations.

MISCELLANEOUS: The Virginia Marine was organized in 1832 (March 14), with a cash capital of \$100,000, paid in cash subscriptions. Transacted marine business only. During session of legislature, 1839-1840, the capital was authorized to be increased to \$200,000, and in the spring of 1840 the addition was subscribed and paid in cash and the company commenced fire business also. Charter was amended January, 1852, changing name to Virginia Fire & Marine and was again amended January 4, 1858, changing par value of shares from \$100 per share to \$5 per share. March 28, 1860, January 3, 1866, assets were reduced to \$62,000 on account of the Civil War, and in order to again commence business each 5 shares of stock were reduced to 1 share and the capital was increased to \$175,000 by cash subscriptions. In June, 1872, capital was increased to \$200,000 by cash subscriptions. On March 5, 1874, capital was increased to \$250,000 by cash subscriptions. Values of special deposits: Ill., \$13,100; La., \$12,625; N. Y., \$13,390; Va., \$11,760; Mass., \$11,720; N. C., \$13,000; Ala., \$13,000.

DIRECTORS: W. H. Palmer, E. B. Addison, J. Jordan Lee, W. H. Palmer, Jr., F. E. Nolting, H. J. Cabell, O. Herbert Funs

FIELD MEN AND TERRITORY COVERED: James I. L. Chicago, Ill., general agent for Ill.; Hall & Henshaw, N. Y. C. J. D. Kitchen & Bro., New Orleans, general agents for Tex., and Miss.; J. M. Leake, general agent for Va., N. C. and T. A. J. Selden, Jr., J. H. Baker and Wm. P. Hill, special agents for A. K. Phillips, Washington, D. C., general agent for Washington Logue Bros. & Co., Pittsburg, Pa., for western Pa.; Jos. D. Philadelphia, Pa., for Philadelphia; Henry J. Ide, Boston, Mass., general agent for Mass.; Thames & Batte, Mobile, Ala., general agents for Ala.; Cooper & Hall, general agents for Tenn. company operates in Ala., D. C., Ill., La., Mass., Miss., N. C., Pa., Tenn., Tex. and Va.

VULCAN INSURANCE COMPANY, New York.

President, Isidor Kahn; Vice-President, Chas. E. Falk; Secretary, I. Koenigsberger. Organised, 1911.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$327,014	\$36,062	\$77,453	\$68,343	\$83,818	\$19,107	.....	\$25,206	\$44,313	\$16,591
1913	316,957	.....	54,404	65,442	100,447	128,043	.....	51,656	179,699	119,163
1912	355,280	64,671	72,449	130,865	142,408	61,503	.....	46,232	107,735	73,546
1911	327,768	26,265	95,469	32,611	38,130	1,249	.....	10,895	12,144	6,546

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$278,340	Losses unpaid	\$8,987
Cash	24,371	Unearned premiums	36,062
Agents' balances	21,531	Other liabilities	4,522
Interest	2,772	Total liabilities	\$49,561
		Capital paid up	200,000
		Net surplus	77,453
Total assets	\$327,014	Total	\$327,014

Underwriting profit, \$2,463; investment profit, \$20,586.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,499,781; premiums thereon, \$68,337.

BUSINESS SINCE ORGANIZATION: Premiums received, \$397,261; losses paid, \$206,848.

BONDS OWNED:

	Par Value.	Market Value.
New York City, g. b., 1918-54, 3½%.....	\$238,000	\$219,940
New York Cy., g., 1962, 4½%.....	40,000	41,300

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Ill. Cent. R. R., g., 1955, 4%.....	\$10,000	\$9,200
Chi., Rk. I. & Pac. R. R., g., 1938, 4%.....	10,000	8,900
Balt. & O. Sw., g., 1925, 3½%.....	10,000	9,100
Totals (book value, \$278,311).....	\$308,000	\$278,340

MISCELLANEOUS: Company began business in 1911 with \$100,000 initial surplus paid in. Reinsured all risks in December, 1913, and continued business.

DIRECTORS: J. B. Baum, E. Eisemann, I. Kahn, H. Ravitz, C. S. Besthoff, C. E. Falk, I. Koenigsberger, M. Strauss, M. Yankauer, H. J. Corbett, Max Greene, S. Mendelsohn, David Tim.

FIELD MEN AND TERRITORY COVERED: John C. Kase, Home Office Supt. of Agents. The company operates in Ill., Ind., N. J., N. Y., O. and Pa.

VULCAN FIRE INSURANCE COMPANY, Oakland, Cal.

President, J. F. Carlston; Secretary, Arnold Hodgkinson. Organised, 1911.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$982,946	\$74,939	\$391,446	\$103,567	\$155,877	\$46,411	.....	\$82,064	\$128,475	\$49,096
1913	935,626	64,101	378,839	99,181	150,274	29,822	.....	81,910	111,732	35,613
1912	924,773	21,981	395,737	39,935	*469,263	1,168	.....	80,150	81,318	1,144

* Includes \$403,000 surplus paid in.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$532,066	Losses unpaid	\$9,333
Bonds	243,145	Unearned premiums	74,939
Loans on N. W. El. Co. (\$80,000)	50,000	Other liabilities	7,228
Cash	128,496	Total liabilities	\$91,500
Agents' balances	22,707	Capital paid up	500,000
Interest	6,512	Net surplus	391,446
Total assets	\$982,946	Total	\$982,946

Underwriting loss, \$39,906; investment profit, \$52,003.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,262,677; premiums thereon, \$137,999.

BUSINESS SINCE ORGANIZATION: Premiums received, \$238,942; losses paid, \$76,522.

MORTGAGE LOANS: There are 27 loans, including one of \$129,642 secured by Realty Syndicate deeds of trust of several hundred lots in various sub-divisions in Alameda county. The remaining loans are mainly secured by lots in Alameda county. The \$32,096 loaned, in the aggregate, is secured by properties valued at \$1,162,367. \$2,258 of interest was overdue on December 31 last.

BONDS OWNED:

	Par Value.	Market Value.
United L. Dis., 1932-33, 5%.....	\$3,500	\$2,765
East. S. inv., eff., 1913, 6%.....	500	.....

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Oakland Hotel, 1940, 6%.....	\$6,000	\$5,400
Cal.-Ore., Pow., 1932, 5%.....	10,000	8,500
Oakland Tm., 1913, 6%.....	200,000	200,000
Oakland Cy., 1924-25, 4½%.....	10,000	10,100
S. Joaquin Ir. Dis., 1933, 6%.....	15,000	13,350
Los Angeles City, 1931, 4½%.....	3,000	3,030
Totals (book value, \$243,645).....	\$248,000	\$243,145

MISCELLANEOUS: This company was organized in 1911 with a proposed capital and surplus of \$1,000,000, and commenced business in May, 1912, with a paid-up capital of \$500,000, and an initial cash surplus of \$403,000.

DIRECTORS: Wickham Havens, Alden Anderson, R. M. Fitzgerald, W. T. Veitch, Tom C. Grant, J. Y. Eccleston, J. F. Carlston, J. P. Maxwell, J. W. Phillips, E. S. Wengenheim, C. H. Wente, William Cavalier, Stuart S. Hawley.

FIELD MEN AND TERRITORY COVERED: O. R. Indahl, special agent, Butte, Mont., for Wash., Ida., Ore., B. C. and Mont.; C. A. Perry, special agent, Home office, No. Cal.; Frank F. West, Jr., special agent, Home office, for Bay Counties. The company operates in Cal., Col., Haw., Ida., Mont., Nev., N. Y., Ore., Pa., Utah, Wash., Wyo. and B. C.

WABASH AMERICAN FIRE INSURANCE COMPANY, Wabash, Ind.

Secretary and Treasurer, C. L. Wilson.

This company is being organized at Wabash, Ind., by reputable business men of that city. It is proposed to commence business with the authorized capital stock of \$300,000 has been paid in. The stock is being sold at a premium in order to create an equal amount of surplus. The stock is selling rapidly and it is expected to have funds necessary to write business in the very near future.

Among the organizers are Fred I. King, W. R. Yarnelle, Loria W. Smith, Chas. S. Roe, Will H. Adams, C. B. Ireland, Jas. Wilson, Geo. C. Hepokind, Theo. W. Gillespie, W. H. Anderson and W. H. Smith. The company as of May 12, 1915, reported that it had sufficient stock sold to start business, which they advised us they will do as soon as notes on hand are paid.

WESTCHESTER FIRE INSURANCE COMPANY, New York, N. Y.

President, Geo. R. Crawford; Vice-President and Treasurer, John H. Kelly; Secretary, O. E. Schaefer. Organized, 1837.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$5,897,662	\$3,327,393	\$1,530,382	\$3,372,637	\$4,238,503	\$2,170,667	\$160,000	\$1,346,137	\$3,676,804	\$2,289,887
1913	5,170,139	3,275,331	1,230,235	3,203,281	3,428,327	1,912,708	120,000	1,293,687	3,326,395	1,841,737
1912	5,380,698	3,208,913	1,433,343	3,361,540	3,587,048	1,587,713	120,000	1,118,807	2,826,520	1,611,329
1911	4,657,222	2,519,335	1,491,977	2,642,511	2,840,949	1,521,328	120,000	1,014,347	2,655,675	1,522,584
1910	4,442,541	2,429,880	1,404,900	2,588,763	2,765,809	1,407,211	120,000	997,711	2,524,922	1,402,818

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$4,500	Losses unpaid.....	\$449,503
Mortgage loans.....	122,210	Unearned premiums.....	3,327,393
Bonds and stocks.....	4,973,158	Other liabilities.....	90,384
Cash.....	396,882		
Agents' balances.....	419,078	Total liabilities.....	\$3,867,280
Interest.....	32,906	Capital paid up.....	500,000
		Net surplus.....	1,530,382
Total.....	\$5,948,734		
Spl. dep. over liab.....	51,072		
Total assets.....	\$5,897,662	Total.....	\$5,897,662

Underwriting loss, \$368,982; investment profit, \$278,201.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$969,747,651; premiums thereon, \$6,461,577.

BUSINESS SINCE ORGANIZATION: Premiums received \$63,190,388; losses paid, \$33,453,019; dividends declared, cash, \$2,146,000; stock, \$100,000.

REAL ESTATE OWNED: Comprises a dwelling property, in Highbridge, N. Y. City, which is unencumbered and is carried at book value.

MORTGAGE LOANS: There are 39 loans, of which but 2 exceed \$8,500 in amount. They are mainly upon properties in and near New York City, and \$122,210 of loans are protected by real estate valued at \$267,010, and upon which the company holds \$137,150 insurance. The largest loan, \$12,000, is upon dwellings in Mt. Vernon, N. Y., valued at \$19,000.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Georgia, 1915, 4½%	\$10,000	\$10,000
Maisonneuve, Que., Can., 1953, 5%	40,393	40,393
New Mex., 1933, 4%	10,000	9,700
N. Y. Cy., N. Y., 1950, 3%	160,000	118,500
N. Y. Cy., N. Y., 1940-54, 3½%	200,000	175,000
N. Y. Cy., N. Y., 1955-59, 4%	50,000	49,800
New York State, 1961, 4%	100,000	102,000
New York State, 1964, 4½%	100,000	110,000
Richmond Cy., Va., 1921-48, 4%	26,000	24,880
Can. So. Ry., 1962, 5%	50,000	53,000
Chi., Mil. & St. P. Ry., 1932, 4½%	50,000	51,000
Chi. R. I. & Pac. R. R., 1934, 4%	50,000	36,000
Ft. Worth & R. Gr. Ry., 1928, 4%	45,000	24,750
Ill. Cent. R. R. & Chi., St. L. & N. O. R. R., 1963, 5%	50,000	51,500
Inter. R. T., 1966, 5%	50,000	49,500
L. I. R. R., 1934, 5%	35,000	35,350
N. Y. C. & H. R. R., 2012, 4½%	50,000	47,500
N. Y. Connecting R. R., 1953, 4½%	50,000	48,500
N. Y., N. H. & H. R. R., 1948, 6%	50,000	53,000
No. Pac. Ry., 1997, 4%	50,000	47,500
St. L. P. & Nwn. Ry., 1948, 5%	50,000	53,000
St. L. & San Fran. R. R., 1951, 4%	50,000	51,500
So. Pac., 1934, 5%	50,000	51,000
So. Ry., div. cfs., 1919, 4%	2,000	1,640
Un. Ry., Inv., 1926, 5%	50,000	35,000
Amer. Tl. & Tg., 1927, 4%	50,000	44,500
M. Bd. of N. Y., 1966, 4%	25,000	21,000
U. S. Steel Co., 1963, 5%	50,000	51,500

STOCKS.

Albany & Susquehanna R. R.	40,000	106,000
Atch., T. & S. F., R. R., p.	120,000	123,900
Atl. Cent. Line, R. R.	50,000	60,500
Balt. & O. R. R., p.	12,000	9,720
Balt. & O. R. R., com.	22,500	20,025
Bklyn. R. R.	75,000	130,500
Can. So. R. R.	50,000	31,000
Chi., Mil. & St. P. R. R., p.	100,000	134,000
Chi., Mil. & St. P. R. R., com.	100,000	99,000
Chi. & Nwn. R. R.	100,000	133,000
Clev., Cin., Chi. & St. L. R. R.	100,000	30,000
Del. & Hud. R. R.	100,000	148,000
Frankford & Southwark R. R.	15,000	109,500
Gt. No. R. R., p.	100,000	124,000
Ill. Cent. R. R.	100,000	112,000
Louis. & Nash. R. R.	120,000	165,600
Manh'tta. Ry., N. Y.	150,000	199,500
N. Y. C. & H. R. R.	125,000	112,500
N. Y. & Harlem R. R.	70,000	252,000
N. Y., L. & W. R. R.	100,000	116,000
No. Pac. R. R.	100,000	111,000

BONDS AND STOCKS OWNED.—Cont.

STOCKS.—Cont.	Par Value.	Market Value.
Oswego & Syracuse R. R.	\$40,000	\$50,000
Penn. R. R.	100,000	111,000
Reading R. R., 1 p.	100,000	88,000
Reading R. R., com.	50,000	82,000
Rensselaer & Saratoga R. R.	145,000	261,000
So. Pac. R. R.	100,000	96,000
So. Ry., p.	100,000	68,000
Syr., Bingh. & N. Y. R. R.	50,000	132,500
Un. Pac. R. R.	100,000	128,000
Bridgeport Tr.	5,000	8,500
Chatham & Phenix Nat. Bk., N. Y.	15,000	26,700
Westchestr. & Brnz. T. & Gr., Wht. Pina.	5,000	8,500
Amer. Tl. & Tg., Bos., Mass.	100,000	123,000
Underwtr. Salvage, N. Y.	1,000	1,500

Totals (book value, \$5,407,505)..... \$4,203,893 \$4,973,150

MISCELLANEOUS: Company was originally mutual; reorganized on stock basis in 1870 with \$200,000 capital. Capital increased in 1875 from \$200,000 to \$250,000 by stock dividend and in 1876 to \$300,000 also by stock dividend. Capital increased on 1914 to \$500,000 by \$200,000 cash payments. Confagration losses: Boston, 1872, \$120,000; Baltimore, 1904, \$249,427; San Francisco, 1906, \$952,242. Values of special deposits: Va. \$24,880; Ga., \$10,000; N. M., \$9,700; Can., \$142,393.

DIRECTORS: Geo. R. Crawford, Wm. H. Van Every, F. E. Willis, John Lyon, W. F. Bishop, R. H. Burdall, Wm. H. Field, S. B. Bowne, John H. Kelly, G. B. Crawford, Ellwood Burdall, Frederick A. Hodgmann, Otto E. Schaefer, Stiles E. Goodell, Chas. E. Lounsbery.

FIELD MEN AND TERRITORY COVERED: Sigfried Schwartz, manager Western department; Edwin Werner, asst. supt., 160 W. Jackson Blvd., Chicago, Ill., embracing Ill., Ind., Ia., Kan., Mich., Minn., Mo., Neb., N. D., O., S. D., Wis.; C. C. Heffley, Loganport, Ind., State agent, Glenn H. Davies, Chicago, Ill., asst. special agent, G. L. Ramey, Frankfort, Ind., asst. special agent for Ill. and Ind.; E. H. Hinckley, Kalamazoo, Mich., special agent for Mich.; Adolph Werner, Kansas City, Mo., special agent for Mo. and Ia.; E. B. Cameron, Columbus, O., special agent for O.; Mark Banta, Milwaukee, Wis., special agent for Wis.; O. I. Heffley for So. Ill.; C. R. Lill, Minneapolis, Minn., special agent for Minn. and N. D.; W. N. Du Val, Omaha, Neb., special agent for Neb. and Kan.; McKinney & Allen, Sioux Falls, S. D., state agent for S. D.; Pacific Dept., B. J. Smith, mgr. for Cal., Ore., Wash., B. C. Ida, Mont., Nev., Utah, Arizona, Ala. and Hawaii; Special agent Chas. T. Von-Tagen and Fred S. Dick, San Francisco, Cal., for central and No. Coast Counties of Cal.; L. P. Stephens, Los Angeles, Cal., for Southern Cal. and Ariz.; Jas. S. Reed, Portland, Ore., for western Ore., Wash. and western B. C.; John M. Gordon, Spokane, Wash., for eastern Ore. and Wash., western Ida. and central B. C.; W. S. Ferris, Salt Lake City, Utah, for Utah, Mont. and eastern Ida.; Mountain department: covering Colo., Wyo. and N. M.; H. L. Lameys, manager and H. P. Giberson, asst. manager, Denver, Colo.; Gross R. Scruggs & Co., Dallas, Tex., general agents for Tex., Ark. and La.; R. S. Graham, asst. mgr. J. H. Speed, home office special agent and J. R. Eichlitz, asst. manager, Dallas, Tex.; C. A. Chambers, Little Rock, Ark., special agent for Ark.; F. T. Porter, Dallas, Tex., special agent for Ok. and West Tex.; W. P. Steele, Shreveport, La., special agent, La. and East Tex.; R. W. Rawls, Dallas, Tex., special agent for Tex.; Vance Hoffmaster, Dallas, Tex., special agent for No. Tex.; E. A. Groover, Jacksonville, Fla., general agent and W. G. Amas, Jacksonville, Fla., agy. sup. for Fla., Ga., Ala. and Miss.; F. T. Evans, Jacksonville, Fla., special agent for Fla. and Ga.; U. E. Guerrini, Jacksonville, Fla., special agent for Ala. and Miss.; R. Booker, Farmville, Va., special agt. for E. W. Va., Va., N. C. & S. C.; Geo. R. Williams, Atlanta, Ga., special agent for No. Ga. Ala. and Miss. Special jurisdiction of home office, all the territory except that embraced in Western dept. H. F. Bie Boston, Mass., for New England (except Conn., R. I. and W. Mass.); G. W. Goodsell & Son, Bridgeport, Conn., special agents for Conn. and W. Mass.; W. A. Lester, State agent for R. I., Providence, R. I.; Rochester, N. Y., special agent; W. N. Y. and No. Pa.; S. T. Carter, Mt. Vernon, N. Y., for except northern tier of counties, and Md.; S. B. Kennedy, special agent for Ky., Tenn. and middle and W. W. Va.; Fred G. Smith, special agent suburban territory in N. Y. State and N. J.; W. Hunter, special agent for E. N. Y. The company operates in the States and Territories of the United States except Del. Can. except N. S., P. E. I. and N. F.

WESTERN INSURANCE COMPANY OF PITTSBURG, Pittsburg, Pa.

President, W. Howard Nimick; Vice-Presidents, H. S. A. Stewart and David P. Black; Secretary and Treasurer, D. Dallas Hare. Organized, 1849.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$657,607	\$235,077	\$99,980	\$1,491	\$34,547	\$170,231	\$24,000	\$9,090	\$203,321	\$141,558
1913	887,989	545,135	—6,733	549,938	589,119	341,296	24,000	251,374	616,670	232,525
1912	949,787	541,998	38,971	588,489	623,049	331,069	24,000	272,267	627,356	322,424
1911	946,978	533,886	42,710	571,965	609,396	299,159	24,000	264,478	587,637	296,239
1910	929,708	506,597	62,787	570,263	608,439	316,554	24,000	245,648	586,202	311,291

— Excess of liabilities over assets.

Assets, Dec. 31, 1914.	LIABILITIES, Dec. 31, 1914.
Real estate.....	Losses unpaid.....
Mortgage loans.....	Unearned premiums.....
Bonds and stocks.....	Other liabilities.....
Cash.....	
Agents' balances.....	Total liabilities.....
Interest.....	Capital paid up.....
Other assets.....	Net surplus.....
Total assets.....	Total.....

Underwriting profit, \$97,808; investment profit, \$32,079.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,868,706; premiums thereon, \$459,373.

BUSINESS SINCE ORGANIZATION: Premiums received, \$9,562,165; losses paid, \$6,120,936; dividends declared, cash, \$1,743,800; stock, \$168,750.

REAL ESTATE OWNED: A lot and dwelling in Avalon, Pa.

MORTGAGE LOANS: There are 16 loans aggregating \$67,900 which are secured by properties valued at \$202,020, and the company holds \$94,500 of insurance on the buildings. \$30 of interest was paid due on December 31, last. Only two of the loans exceed \$10,000, and all of them are upon real estate in Pittsburg and nearby towns. A loan of \$14,000 is upon 8 apartment houses on Biddle ave., Wilkesburg, valued at \$36,000, and one of \$15,000 is on 3 brick dwellings at 3508-10 Fifth ave., valued at \$39,000.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Albany Co., Pa., bg., 1940, 4%.....	\$5,000	\$5,000
Albany Co., Pa., men. hall, 1939, 4%.....	22,000	22,000
Albany Co., Pa., poor farm, 1930, 4%.....	20,000	20,000
Albany Co., Pa., rd., 1934, 4%.....	10,000	10,000
B. & E., Pa., 1919, 4%.....	5,000	4,865
Carroll, Pa., 1915, 4%.....	4,000	3,992
Coudersville, Pa., 1919, 4%.....	3,000	2,973
Duquesne, Pa., & sc., 1934, 4%.....	15,000	15,004
E. Pittsburg, Pa., sc., 1915-23, 5%.....	1,000	1,039
E. Pittsburg, Pa., 1923-34, 4%.....	30,000	31,107
Edgewood, Pa., 1932, 4%.....	5,000	3,112
Ensworth, Pa., 1926, 4%.....	10,000	10,428
Fredon, Pa., 1915-18, 4%.....	2,000	2,009
Fredon, Pa., 1915-18, 5%.....	2,400	2,411
Harmony, Pa., 1934-35, 5%.....	5,000	5,408
Mazaca, Pa., sc., 1915-21, 4%.....	7,000	7,056
Paranessa, Pa., 1917, 5%.....	7,000	7,136
Pittsburgh, Pa., sc., 1915-18, 4%.....	2,000	1,996
Pittsburgh, Pa., sc., 1933, 5%.....	15,000	16,683
Pittsburgh, Pa., st. imp., 1915-39, 4%.....	30,500	30,304
Pittsburgh, Pa., Sobo Run ar., 1924, 4%.....	2,000	2,024
Pittsburgh, Pa., w., 1924, 4%.....	3,000	3,036
Pittsburgh, Pa., wat., 1924-30, 4%.....	17,000	17,207
Pittsburgh, Pa., pk. & ch. l., 1927, 4%.....	5,000	5,100
Pace, P. R., 1922, 6%.....	10,000	10,000

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
Port Vue, Pa., 1922-32, 4%.....	\$15,000	\$15,447
Wash. Co., Pa., rd. imp., 1930-31, 4%.....	10,000	10,600
West Homestead, Pa., 1915-31, 4%.....	22,000	22,000
West View, Pa., imp., 1934, 4%.....	5,000	5,215
Wilkesburg, Pa., 1915-20, 4%.....	20,000	20,242
Ardmore St. Ry., 1938, 5%.....	5,000	4,850
Beaver Val., Pa., Tc., 1930, 5%.....	8,000	7,440
St. Wayne & Wab. Val. Tc., 1934, 5%.....	20,000	16,400
Wm. Pa. Ry., Erie Div., 1947, 4 to 5%.....	8,500	7,650
Beckskill Ltg. & R. R., 1930, 5%.....	10,000	9,700
Pitts. & Butler St. Ry., 1935, 5%.....	10,000	7,000
Youngst. & Shar. Ry. & L., 1931, 5%.....	3,000	2,970
Atlanta, Ga., wat. & el. pr., 1943, 5%.....	4,000	3,650
Birm. Ala., wat. wks., 1939, 5%.....	15,000	13,050
Cy. Wat., E. St. L., Ill., 1918, 6%.....	5,000	4,650
Connell's, Pa., wat., 1939, 5%.....	4,000	3,320
Duquesne Club, Pitts., 1932, 5%.....	12,000	12,000
Ellsworth Coal, 1921, 5%.....	12,000	12,000
Jacks Run Bg., 1932 5%.....	4,000	4,000
Marq. & Desm. Dk. & Nav., 1933, 4%.....	15,000	14,550
Md. & Georges Crk. Cl., 1932, 6%.....	20,000	20,000
Monong. Val. Wat., 1931, 5%.....	11,000	9,130
New Castle, Pa., wat., 1941, 5%.....	9,000	7,650
Pa. Wat., Wilkesburg, 1929, 5%.....	10,000	10,000
Pitts.-Butl., 1929, 5%.....	10,000	8,500
Racine Wat., Wis., 1931, 5%.....	5,000	4,500
St. Joseph Mo., wat., 1944, 5%.....	10,000	7,500
Suburban Gas, Phila., 1932, 5%.....	5,000	5,000
Waynesburg, Pa., wat., 1925, 5%.....	5,000	4,750

Stocks.

Adiron. El. Pow. Corp., N. Y., com.....	9,000	1,125
Adiron. El. Pow. Corp., N. Y., p.....	6,000	2,730
Gn. Adj. Bur., N. Y.....	400	400
Ky. Sec. Corp. (Inc. Va.), com.....	800	315
Ky. Sec. Corp. (Inc. Va.), p.....	8,000	5,940
Underwriters' Salv., Chicago.....	500	500
West. Adj. & Insp., Chicago.....	100	200
Totals (book value, \$538,057).....	\$553,200	*\$525,291

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Capital increased in 1884 from \$325,000 to \$300,000.

DIRECTORS: D. Dallas Hare, Paul C. Wolf, David P. Black, Geo. W. J. Bissell, W. H. Nimick, H. S. A. Stewart, Jas. H. Lockhart, H. J. Heins, John E. Hurford, John Woodwell, Reuben Miller, Joseph T. Speer, Nathaniel Holmes.

FIELD MEN AND TERRITORY COVERED: C. M. Limpert, special agent for Pa. and O. The company operates in Ill., Minn., N. Y., O., Pa. and Wis.

THE WILLIAMSBURGH CITY FIRE INSURANCE COMPANY, New York, N. Y.

President, Geo. R. Branson; Vice-Presidents, E. L. Allen, F. H. Douglass, Lewis H. Vail, Wm. A. Jones; Vice-President and Secretary, David J. Burtie. William Harkness, Chairman of Board of Directors. Organized, 1853.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$4,890,175	\$2,579,462	\$798,455	\$2,666,894	\$2,874,630	\$1,699,127	\$120,000	\$1,247,888	\$3,067,015	\$1,705,265
1913	4,339,126	2,559,949	976,864	2,580,545	2,788,875	1,593,903	114,000	1,207,494	2,915,399	1,529,222
1912	3,694,966	2,225,219	666,894	2,196,044	2,851,973	1,296,385	370,000	989,919	2,666,307	1,244,780
1911	2,556,657	1,768,214	665,302	1,780,566	1,843,411	952,124	60,000	784,252	1,816,386	945,039
1910	2,544,448	1,710,904	666,392	1,853,096	2,011,986	924,906	60,000	813,209	1,798,114	927,306

THE WILLIAMSBURGH CITY FIRE INS. COMPANY, New York, N. Y.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$107,932	Losses unpaid.....	\$384,258
Mortgage loans.....	546,150	Unearned premiums.....	2,579,463
Bonds and stocks.....	3,319,576	Other liabilities.....	37,000
Collateral loans.....	5,000		
Cash.....	372,952	Total liabilities.....	\$2,900,720
Agents' balances.....	320,649	Capital paid up.....	1,000,000
Interest.....	24,313	Net surplus.....	793,455
Other assets.....	20,333		
Total.....	\$4,725,905		
Spl. dep. over liab.....	26,730		
Total assets.....	\$4,699,175	Total.....	\$4,699,175

Underwriting loss, \$312,756; investment profit, \$281,077.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$501,624,366; premiums thereon, \$5,206,257.

BUSINESS SINCE ORGANIZATION: Premiums received, \$59,474,991; losses paid, \$31,649,659; dividends declared, cash, \$5,623,000; stock, \$50,000.

REAL ESTATE OWNED: Consists of 5-story brick building at Broadway and Kent ave., Brooklyn, which cost \$55,542, and is carried at \$25,000, a building at 156 Montague st., Brooklyn, which cost \$58,930, and is carried at \$50,000, a brick and stone building at 26 West 121st st., N. Y., carried at cost (\$17,932) and the property at 39 Market st., Poughkeepsie, N. Y., carried at cost (\$15,000). All are unincumbered.

MORTGAGE LOANS: The 55 mortgage loans range from \$300 to \$48,000, and the total amount, \$546,150, is protected by properties in and near New York, Poughkeepsie and Albany, valued at \$984,030. The chief loans are: \$42,500 on store, hotel, etc., on Fulton st., Jamaica, valued at \$135,000; \$30,000, 223 Central Park W., \$27,000, 268 W. 43d st.; \$27,000, 270 W. 43rd st., \$38,000, 210 W. 140th st.; \$38,000, 212 W. 140th st.; \$44,000, 376-78 E. 8th st.; \$28,000, 333 E. 13th st.; \$48,000, 66-70 Sullivan st. There was \$129 of interest paid due on December 31, last.

COLLATERAL LOAN is as follows:		Market Value.	Amount Loaned.
Nat. Bisc., p.....	Securities.	\$6,350	5,000
Amer. Can., p.....		4,600	
Totals.....		\$10,950	\$5,000

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Georgia, 1915, 4½%.....		\$10,000	\$10,000
Atlanta, Ga., Water, 1926, 4½%.....		10,000	10,000
Brooklyn, ca., 1937, 3½%.....		63,000	56,700
Newport News, Va., Harbor Imp., 1953, 4½%.....		10,000	9,800
New York, cp., 1916-20, 3½%.....		11,000	10,690
New York, New Aqu., 1920, 3½%.....		30,000	29,100
New York, San. Prot., 1920-26, 3½%.....		48,500	46,190
New York, const. of wa., 1936-50, 3½%.....		100,000	90,250
New York, st. & pk. f., 1952, 3½%.....		100,000	88,000
New York, const. of r. t., 1952-54, 3½%.....		86,500	76,120
New York, wat., 1957, 4½%.....		3,500	3,745
Norfolk, Va., r., 1929-30, 4%.....		17,000	15,640
Portsmouth, Va., 1942, 4½%.....		3,000	3,000
Richmond, Va., 1920-24, 4%.....		13,500	13,220
Richmond, Va., pub. imp., 1948, 4%.....		18,000	16,560
Atl. Cet. Line, R. R., cv., 1939, 4%.....		25,000	23,500
Balt. & O. R. R., cv., 1933, 4½%.....		26,000	23,920
Bklyn. R. T. C., m., 1945, 5%.....		10,000	10,300
Ches. & O. Ry., cv., 1930, 4½%.....		30,000	24,000
Chi. Ry., 1 m., 1927, 5%.....		10,000	9,900
Denver & Rio Gr. R. R., 1 & r. m., 1955, 5%.....		10,000	4,800
Det. & Flint Ry., 1 ca. m., 1921, 5%.....		5,000	4,500
Det. Un. Ry., 1 ca. m., 1932, 4½%.....		5,000	3,500
Interbor. Met., col. tr., 1956, 4½%.....		200,000	154,000
La. Cent. R. R. Co., 1 m., 1938, 5%.....		10,000	8,800
James, Fr. & Cl. R. R., 1 m., 1959, 4%.....		21,000	19,110
Lake E. & W. R. R., 2 m., 1941, 5%.....		10,000	9,500
Manhattan Ry., ca. 1 m., 1990, 4%.....		40,000	37,200
N. Y., N. H. & H. R. R., cv. d., 1956, 3½%.....		27,500	18,700
St. L., Ir. Mtn. & So. Ry., 1931, 5%.....		10,000	10,200
So. Pac., cv., 1929, 4½%.....		10,000	8,600
So. Pac. cv., 1934, 5%.....		25,000	25,500
Amer. Tl. & Tg., cv., 1933, 4½%.....		100,400	99,396
Ga. Motors, 1 in., s. f., 1915, 6%.....		5,000	5,050
Ill. St. d., 1940, 4½%.....		25,000	21,750
J. & L. St., s. f., 1 m., 1939, 5%.....		10,000	10,100
Kings Co. El. Lt. & Pow., cv. d., 1925, 6%.....		40,000	45,600
Kings Co. El. Lt. & Pow., p. m., 1997, 6%.....		20,000	22,800
M. Bond of N. Y., s., 1966, 4%.....		24,000	20,160
N. Y. Air Brake, 1 m., cv., 1928, 6%.....		12,000	11,760
N. Y. Ga. El. Lt., Ht. & Pow., p. m. m., 1949, 4%.....		50,000	43,500
N. Y. Tl. Co., 1 & gn. m., 1939, 4½%.....		50,000	49,000
Pac. Lt. & Pow., 1 m., 1942, 5%.....		5,000	4,500
Un. Fruit, s. f. d., 1923, 4½%.....		8,000	7,520
Westingh. El. & Mfg., cv., 1931, 6%.....		50,000	47,500

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
STOCKS.			
Atl. Cet. Line R. R., com.....		\$30,000	\$34,300
Balt. & O. R. R., com.....		42,500	37,325
Balt. & O. R. R., p.....		12,000	6,720
Bklyn. R. R.....		80,000	136,200
D., L. & W. R. R.....		25,000	100,250
D., & R. G. R. R., p.....		10,000	800
Gr. No. Ry., p.....		11,000	13,649
L. R. R. of N. J.....		2,000	1,920
Louis. & Nash. R. R.....		20,000	27,600
Manhattan Ry.....		70,000	99,100
Nor. & W. Ry., com.....		110,000	114,400
No. Pac. Ry.....		55,000	61,550
So. Pac., com.....		124,000	119,040
Un. Pac., R. R., com.....		100,000	125,000
Un. Pac., R. R., p.....		100,000	83,000
Falkkill Nat. Bk., Pokpsie.....		1,000	1,550
Farmers' and Mfg. Nat. Bk., Pokpsie.....		2,000	3,900
1st Nat. Bk., New York.....		5,000	44,700
Harover Nat. Bk., New York.....		17,500	116,375
Kings Co., N. Y., Bklyn.....		3,000	1,500
Merchants National Bank of Pokpsie.....		33,400	70,140
Nassau Nat. Bk., Bklyn.....		10,000	16,800
Nat. Bk. of Com., New York.....		2,500	7,150
Nat. Cy. Bk. of Bklyn.....		25,000	128,450
Nat. Pk. Bk., N. Y.....		26,000	78,000
Peoples' Nat. Bk., Hackensack.....		1,000	2,730
Pokpsie Tr., Pokpsie.....		10,000	9,700
Amer. Exp.....		20,000	20,400
Amer. Smkt. & Ref., p.....		10,000	5,500
Amer. Tl. & Cable.....		60,000	76,200
Bklyn. Un. Gas.....		60,000	77,400
Ca. Gas., N. Y.....		1,450	450
Ga. Adj. Bureau, N. Y.....		40,000	60,000
Ga. El.....		30,000	36,900
Kings Co. El. Lt., Ht. & Pow.....		10,000	11,900
Lig. & Mfg. Tobacco, p.....		100	40
Louis. Prop.....		10,000	10,100
Nat. Lead, p.....		10,000	10,900
Pac. Tl. & Tg., p.....		50,000	21,500
Pressed Stl. Car. com.....		15,000	36,000
Sanborn Map.....		20,000	37,400
S. R. & Co., com.....		5,000	20,300
Standard Oil of N. J.....		1,000	50
Undwtr. Svcg., Chi.....		1,000	1,50
Undwtr. Svcg. N. Y.....		20,000	29,50
Un. Fruit.....		10,000	11,00
U. S. Steel Cp., p.....		20,000	43,40
Vacuum Oil.....		50,000	59,50
Wash. Wat. Pow.....		2,500	2,23
Wells Fargo.....		100	20
West. Adj. & Insp.....		6,000	6,00
Ca. Gas., N. Y., r.....			

Totals (book value, \$3,411,386)..... \$2,791,450 *\$3,316,07

* Securities as per company's valuations; the item in Assets based on Ins. Dept. valuations.

MISCELLANEOUS: Capital increased in 1867 from \$150,000 to \$250,000, and in 1912 to \$600,000. Conflagration loss Chicago, 1871, \$61,710; Boston, 1872, \$181,000; Baltimore, 1915, \$151,458; San Francisco, 1906, \$950,923. Absorbed the Emp. City Fire of New York in 1912 and the Nassau & Dutches 1913, thus increasing capital from \$600,000 to \$1,000,000. Val. of special deposits: Ga., \$20,000, Va., \$48,440.

DIRECTORS: E. L. Allen, I. L. Allen, M. L. Allen, G. Branson, A. M. Burtis, F. H. Crum, J. A. Forster, Wm. Harkins, R. O. Haubold, S. V. Hoffman, H. T. Hull, A. S. Hutchins, W. Hutchins, H. D. Lounsbury, J. L. Parsons, H. H. Williams, I. Adriance, L. F. Ballard, Wm. H. Harkness, F. M. Johnston, W. A. Jones, Solomon Ketcham, F. J. Le Fevre, F. B. Lown, A. Newcombe, Chas. W. Pilgrim, J. W. Poucher, P. H. Troy, L. Vail.

FIELD MEN AND TERRITORY COVERED: Crum Forster, general agents, 95 William st., New York City. His office has jurisdiction over all agency business of the comp. F. M. Gund, Freeport, Ill., manager western department. A. oiated Underwriters, Inc., San Francisco, Cal., managers Pa. Coast department: Special agents: Dabney J. Carr, Richm. Va. for Va., W. Va. and N. C.; E. H. LeVert, Atlanta, Ga., for S. C., Fla. and La.; W. L. Foster, Ft. Worth, Tex., for Tex. C. Chittenden, Brooklyn, for N. Y.; G. B. Fisher, Hartford, C. for Conn.; A. G. Graham, Boston, Mass., for Mass., R. I., Me. and N. H.; G. Z. Day, New York City, for Pa. and Md.; A. Tr. Shelbyville, Tenn., for Ky. and Tenn.; Henry Borchers, Oper N. J. for N. Y. and suburban N. Y. The company operates all the states and territories of the United States except Ala., Ariz., Ark., Del., Haw., Wyo., Miss., Nev., N. M., Okla. and P. R.

FOREIGN FIRE AND MARINE INSURANCE COMPANIES

In the following pages will be found abstracts of the official statements covering the year 1914, of the United States branches of all regularly licensed foreign fire and marine insurance companies now operating in the United States, together with summaries of their condition and business for each of the last five years.

NOTE.—The Net Premiums given in the following tables represent the gross premiums written, less amounts paid for reinsurance, rebate, abatement and return premiums in the respective years. Total income excludes deposits received on perpetual policies, premiums of previous year received, receipts of foreign companies from their home offices and other extraneous items. Expenses exclude deposits returned on perpetual policies, remittances of foreign companies to their home offices, and other items which cannot properly be classed as expenses.

AACHEN AND MUNICH FIRE INSURANCE COMPANY, Aix-la-Chapelle, Germany.

United States Manager, J. A. Kelsey, New York; Pacific Coast, A. C. Olds, Manager, San Francisco, Cal. Organized, 1825.
(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$2,658,136	\$1,291,056	\$1,211,524	\$1,180,279	\$1,278,717	\$745,213	\$500,699	\$1,245,912	\$747,433	+ \$14,647
1913	2,589,232	1,280,001	1,174,513	1,252,184	1,343,585	611,658	516,046	1,127,704	579,384	- 93,217
1912	2,540,241	1,156,450	1,238,812	1,109,459	1,285,424	603,594	485,176	1,088,770	589,731	- 22,723
1911	2,470,143	1,063,814	1,269,018	1,086,862	1,170,313	571,238	448,682	1,019,920	535,482	- 45,083
1910	2,267,725	1,018,206	1,207,948	1,081,321	1,158,229	564,196	444,571	1,008,767	548,274	+ 3,665

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds	\$2,272,419	Losses unpaid	\$131,297
Cash	172,165	Unearned prem.	1,291,056
Agents' balances	191,052	Other liabilities	24,259
Interest	28,643		
Total	\$2,664,279	Total liabilities	\$1,446,612
Spill-over liab.	6,143	Surplus	1,211,524
Total ad. assets	\$2,658,136	Total	\$2,658,136

Underwriting loss, \$95,563; investment profit, \$125,070.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$32,944,377; premiums thereon, \$2,481,387.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$16,912,517; losses paid, \$11,496,929.

BONDS OWNED:	Par Value.	Market Value.
U. S. Gov. reg., 1925, 4%	\$50,000	\$55,500
N. Mex. r. reg., 1952, 4%	10,000	10,100
Albany, N. Y., reg., 1929, 4%	50,000	49,500
Cleveland, O., reg., 1932, 4%	100,000	106,000
Ca. reg., 1928, 3%	10,000	9,700
Minn. reg., 1927, 3%	100,000	90,000
N. Y. C. reg., ex. 1925, 3%	184,000	165,800
N. Y. C. c. ex. 1954, 3%	30,000	26,400
N. Y. C. reg., ex. 1955, 4%	50,000	49,500
N. Y. C. reg., ex. 1957, 4%	50,000	53,500
N. Y. C. reg., ex.	16,000	15,040
N. Y. C. reg., ex.	10,000	8,800
N. Y. C. reg., ex.	10,000	8,800
N. Y. C. reg., ex. 1959, 4%	50,000	50,000
N. Y. canal imp. reg., ex. 1959, 3%	100,000	99,000
N. Y. hwy. imp. ex. 1958, 4%	100,000	102,000
Richmond, Va., reg. 1941, 4%	22,500	20,925
Rochester, N. Y., reg., 1928, 3%	60,000	53,400
A. T. & S. Fe R.R., gn. m., 1905, 4%	50,000	48,000
A. T. & S. Fe R.R., ex. 1955, 4%	25,000	24,500
Atl. C. L. R.R., 1 m., ex. 1952, 4%	40,000	37,800
Atl. C. L. R.R., ex. 1939, 4%	25,000	23,500
B. & O. R.R., Sva. Div., 1 m., 1925, 3%	40,000	36,400
Can. So. Ry., ex. gr., 1962, 5%	25,000	26,500
Cent. Pac. Ry., r. 1 m., 1949, 4%	20,000	18,500
Ches. & O. R.R., gn. m., 1902, 4%	50,000	47,000
C. & O. R.R., P. Ch. Br., 1 m., 1946, 4%	50,000	42,000
Ch. R. I. & Pac. Ry., 1 m. r., 1934, 4%	25,000	18,000
Ch. R. I. & Pac. Ry., gn. m., 1958, 4%	25,000	22,250
Ch. R. I. & P. Ry., ex. 1928-27, 4%	25,000	21,760
Ch. & Nwa. Ry., ext. reg., 1926, 4%	75,000	72,000
Ch. Midland Ry., 1 m., 1946, 3%	55,000	34,650
Ed. Trunk Ry. of Can. ex. gr., 1922, 4%	25,000	24,250
Ed. No. Ry., 1 m. r., reg., 1961, 4%	25,000	25,250
Inter. R. T., 1 m., 1956, 5%	50,000	49,500
Int. Cy. So. R.R., 1 m., 1950, 3%	100,000	69,000
L. & N. R.R., St. L. Div., 2 m., 1980, 3%	12,000	7,580
M. C. R.R., J. & N. L., 1 m., 1957, 4%	16,000	13,800
Nat. Ry. of Mex., prior in., 1957, 4%	34,000	18,000
Nat. Ry. of Mex., gn. m., 1977, 4%	20,000	9,000
Nat. Ry. of Mex., 1917, 6%	2,020	1,414
N. Y. Can. Ry., 1 & r., reg., 1953, 4%	80,000	48,500
N. Y. O. & W. Ry., gn. m., 1955, 4%	25,000	19,750
Natl. & W. Ry., 1 m., 1906, 4%	40,000	38,400
No. Pac. R.R., prior in., 1907, 4%	50,000	47,500

BONDS OWNED.—Cont.	Par Value.	Market Value.
No. Pac. R.R., gn. in., 2047, 3%	\$50,000	\$33,500
Ore. S. L. R.R., r., 1929, 4%	25,000	23,000
St. L. Sva. Ry., 1 m., 1932, 4%	25,000	17,250
S. Air. L. Ry., A-B Div., 1 m., 1933, 4%	45,000	38,250
So. Pac. R.R., 1 m., r., 1955, 4%	25,000	23,000
So. Pac. R.R., 1 m., r., reg., 1955, 4%	25,000	23,000
So. Ry. Co., St. L. Div., 1 m., 1951, 4%	20,000	17,400
Un. Pac. R.R., 1 m., 1947, 4%	50,000	48,500
Vandalia R.R., ex. m., reg., 1957, 4%	25,000	23,250
W. Sh. R.R., 1 m., reg., 2361, 4%	50,000	48,500
W. C. Ry. Sup. & D. Div. & T. 1 m., 1936, 4%	50,000	44,500
Mtge. Bd. of N. Y., 1966, 4%	23,000	19,320
Mut. Union Tg., 1 m., ext. 1941, 5%	50,000	49,500
Phila., cv. g. d., 1922, 5%	50,000	48,000

Totals (book value, \$2,430,568)..... \$2,496,520 \$2,372,419

MISCELLANEOUS: The company began general business in the United States in 1895, having previously operated to some extent upon the Pacific Coast. Confirgation losses: Baltimore, 1904, \$143,481; San Francisco, 1906, \$3,035,646. The San Francisco losses were paid by remittances from home office. On December 31, 1913, the home office statement showed assets amounting to \$9,016,720; capital \$2,250,000. Values of special deposits, Ga., \$9,700; N. M., \$10,100; Va., \$20,925; other deposits: N. Y., \$245,000; O., \$100,000.

UNITED STATES TRUSTEES: Walter T. Rosen, Albert H. Wiggins, Chas. H. Sabin, N. Y.

FIELD MEN AND TERRITORY COVERED: Jos. A. Kelsey, manager; S. H. Quackenbush, assistant manager, 80 Maiden Lane, New York City, covering the States of Me., N. H., Md., Vt., Mass., R. I., Conn., N. Y., N. J., Pa., Del., D. C., Colo., Wyo., N. M., Va., W. Va., O., Ind., Mich., Ky., Tenn., Wis., Ill., Ia., Minn., Mo., Neb., La., Tex., Okla., Ala., Ga., Fla., N. C. and S. C. Special agents: A. K. Slade, Jr., Boston, Mass., for Me., N. H., Vt., Mass., Conn. and R. I.; A. L. Brower, Syracuse, N. Y., for N. Y. State; Henry I. Willet, E. Orange, N. J., for N. J., Pa., Del., Md. and D. C.; F. G. Krueger, Pittsburgh, Pa., special agent for Pa. and W. Va.; H. W. Murray, general agent, Chicago, Ill., for middle western States, Ky. and Tenn.; J. M. Clark, Chicago, Ill., special agent for Ill. and Ind.; J. O. Gable, Detroit, Mich., special agent for O. and lower Mich.; W. K. Wisner, special agent, Cedar Rapids, Ia., for Ia., Mo. and Neb.; P. J. Kleffer, special agent, Minneapolis, Minn., for Wis., Minn. and northern Mich.; E. J. Miller, general agent, Denver, Colo., for Colo., Wyo. and N. M.; Jerome and Brown, managers, southern department, Atlanta, Ga., comprising Ala., Fla., Ga., N. C., S. C. and Va.; J. Hunter White, Norfolk, Va., special agent for Va.; J. D. Kitchen & Co., New Orleans, La., general agents for La.; J. W. Cowan, Charlotte, N. C., special agent for N. C.; Geo. W. Gantt, Jr., Macon, Ga., special agent for Ga.; J. R. Daniell, Birmingham, Ala., special agent for Ala.; P. B. Travis, Jacksonville, Fla., special agent for Fla.; John S. Aldehof & Co., Dallas, Tex., general agents for Tex. and Okla. Pacific Coast department: A. C. Olds, manager, San Francisco, Cal., jurisdiction, Cal., Ore., Wash., Ida., Mont., Utah, Nev., Ariz. and Ala.; C. A. Colvin, Portland, Ore., superintendent of agencies for Wash., Ore., Ida. and Mont. Paul St. John, San Francisco, Cal., special agent for Cal., Nev., Ariz. and Utah. The company operates in all the States of the United States except Ark., Kan., Miss., N. D. and S. D.

ABEILLE INSURANCE COMPANY, Paris, France.

United States Managers, Starkweather & Shepley, Inc., Providence, R. I. Organized, 1887.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$625,011	\$144,194	\$436,651	\$182,815	\$205,658	\$121,784	\$72,726	\$194,510	\$128,305	.....
1913	594,719	129,410	421,307	180,796	202,603	80,854	66,805	147,659	85,013	-445,000
1912	592,874	91,684	465,925	151,167	172,625	67,689	47,831	115,520	66,678	-35,000
1911	576,869	46,762	509,277	97,837	114,064	22,465	24,794	47,259	31,901	+806

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$507,810	Losses unpaid.....	\$26,455
Cash.....	38,906	Unearned premiums.....	144,194
Due from reinsurers.....	60,715	Other liabilities.....	17,711
Interest.....	6,214	Total liabilities.....	\$188,360
Other assets.....	11,366	Surplus.....	436,651
Total assets.....	\$625,011	Total.....	\$625,011

Underwriting loss, \$25,002; investment profit, \$40,346.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$29,230,081; premiums thereon, \$262,305.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$613,615; losses paid, \$288,341.

BONDS OWNED:		Par Value.	Market Value.
Cleveland, O., grade crossing, 1940, 4%.		\$100,000	\$103,000
New York Cy., cp. stk., 1900, 4 1/2%.....		211,000	213,110
No. Pac. & Gt. No. Ry., lt., C., B. & Q., 1921, 4%.....		60,000	58,200
Chi. & Nwn. Ry., gn. m., 1907, 3 1/2%.....		50,000	41,500
Ill. Cent. R. R., r. m., 1935, 4%.....		50,000	46,000
So. Pac. R. R., 1 r. m., 1935, 4%.....		50,000	46,000
Totals (book value, \$513,260).....		\$521,000	\$507,810

MISCELLANEOUS: The Abeille Insurance Company of Paris, France, entered the United States for regular business in 1911, making its statutory deposit with the New York Insurance Department. Value of special deposit: Ohio, \$100,000. The company's home office statement as of December 31, 1910, showed total assets aggregating \$4,932,915. Its capital is \$2,400,000.

UNITED STATES TRUSTEE: Bankers Trust Co., New York.

TERRITORY COVERED: The company is licensed in Ill. La., Mass., Mich., N. Y., N. C., Ohio, Pa. and Wis.

ALLIANCE ASSURANCE COMPANY, LTD., London, Eng.†

United States Managers, Chubb & Son, New York. Organized, 1824.

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$587,782	\$72,494	\$414,988	\$215,761	\$239,041	\$93,217	\$76,562	\$169,779	\$112,069	-326,659
1913	541,031	78,421	377,820	154,973	178,323	100,809	62,327	163,136	115,292	-76,353
1912	622,739	68,516	442,374	222,906	246,375	69,202	49,441	108,643	97,206	-125,935
1911	628,066	7,990	489,247	107,845	172,795	34,520	32,907	67,427	59,247	+519,493

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$500,900	Losses unpaid.....	\$90,203
Cash.....	62,031	Unearned premiums.....	72,494
Agents' balances.....	16,309	Other liabilities.....	10,047
Interest.....	8,542	Total liabilities.....	\$172,794
		Surplus.....	414,988
Total assets.....	\$587,782	Total.....	\$587,782

Underwriting profit, \$37,563; investment profit, \$26,264.

RISKS AND PREMIUMS: Marine and inland risks in force, Dec. 31, \$13,721,246; premiums thereon, \$138,534.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$761,496; losses paid, \$286,024.

BONDS OWNED:		Par Value.	Market Value.
New York, N. Y., cp., 1900, 4 1/2%.....		\$370,000	\$373,700
N. Y., N. H. & H. R. R., cv.d., 1948, 6%.....		120,000	127,200
Totals (book value, \$535,123).....		\$490,000	\$500,900

MISCELLANEOUS: This company entered the United States for marine business in 1911.

U. S. TRUSTEE: Bankers Trust Co., N. Y.

TERRITORY COVERED: Cal., Colo., Ill., La., Mass., N. J., Ia., N. Y., Mo., Neb., N. D., Pa. and S. D.

† Transacts marine insurance only.

ALLIANZ INSURANCE COMPANY, LTD., Berlin, Ger.‡

United States Manager, H. K. Fowler, New York. Organized, 1890.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$633,332	\$65,962	\$400,199	\$337,596	\$362,606	\$166,030	\$87,177	\$253,207	\$188,464	+228,534
1913	507,960	62,879	282,680	320,882	341,227	189,187	87,808	276,995	232,666	+31,887
1912	445,638	55,475	275,522	315,080	329,218	121,097	72,455	193,552	188,489	-119,736
1911	440,026	24,218	380,741	110,444	115,637	26,237	27,739	53,976	51,875	+373,262

‡ Transacts marine business.

ALLIANZ INSURANCE COMPANY, Ltd., Berlin, Ger.—Continued.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds	\$520,350	Losses unpaid	\$157,171
Cash	77,516	Unearned premiums	65,962
Ledger balances	28,487	Other liabilities	10,000
Interest	6,979		
		Total liabilities	\$233,133
		Surplus	400,199
Total assets	\$633,332	Total	\$633,332

Underwriting profit, \$80,642; investment profit, \$23,343.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$11,490,264; premiums thereon, \$119,768.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$1,032,002; losses paid, \$501,203.

BONDS OWNED:		Par Value.	Market Value.
New York Cy., 1960, 4½%		\$210,000	\$212,100
Balt. & Ohio, 1941, 4%		80,000	69,600
Chi., R. I. & Pac., 1934, 4%		120,000	86,400
St. P. & K. C. Sh. L., 1941, 4½%		100,000	76,000
Ill. Cent. R.R. & C. St. L. & N. O. R.R., 1963, 5%		50,000	51,500
L. V. R.R. gn. m. g., 2003, 4½%		25,000	24,750
Totals (book value, \$558,945)		\$585,000	\$520,350

MISCELLANEOUS: This company was licensed to transact marine insurance in New York State in 1911. Its latest home office financial exhibit showed assets amounting to \$10,892,793 and a fully subscribed capital of \$2,500,000; paid up, \$625,000. Its dividends to stockholders in 1908 and 1909 were 28 per cent. Value of deposit in Mass., \$120,000.

UNITED STATES TRUSTEES: James Speyer, Frank A. Vanderlip, Edwin G. Merrill, N. Y.

ATLAS ASSURANCE COMPANY, Ltd., London, Eng.

United States Manager, Frank Look, New York; Western Department Manager, George E. Haas, Chicago; Pacific Department Manager, Frank J. Devlin, San Francisco. Organized, 1893.
(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$2,962,091	\$1,091,787	\$1,094,914	\$1,779,864	\$1,887,137	\$976,135	\$725,558	\$1,701,693	\$964,048	—\$84,940
1913	2,559,665	1,632,217	1,077,269	1,735,124	1,824,535	945,519	712,042	1,657,561	903,168	—49,912
1912	2,526,707	1,567,633	1,049,352	1,715,912	1,800,800	867,636	675,507	1,543,143	856,350	+98,373
1911	2,529,594	1,455,817	806,170	1,712,521	1,800,035	1,029,354	680,001	1,709,355	963,530	—67,224
1910	2,499,018	1,506,836	765,613	1,527,352	1,902,466	885,097	698,451	1,583,548	908,169	+18,729

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$60,000	Losses unpaid	\$129,724
Bonds and stocks	2,350,435	Unearned premiums	1,091,757
Cash	182,172	Other liabilities	45,696
Agents' balances	357,853		
Interest and rents	29,092	Total liabilities	\$1,867,177
		Surplus	1,094,914
Total	\$2,962,552	Total	\$2,962,091
Sp. dep. over liab.	26,461		
Total adn. assets	\$2,962,091		

Underwriting loss, \$10,851; investment profit, \$139,904.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$20,026,104; premiums thereon, \$3,260,639.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$26,555,882; losses paid, \$15,221,389.

REAL ESTATE OWNED: Consists of a property on Sacramento st., near Sansome st., San Francisco, Cal., acquired in 1905 at a cost of \$33,879, and carried at \$25,000, and two parcels of land on Broadway, near So. 7th st., Brooklyn, N. Y., carried at \$35,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
D. of C. I., 1924, 3.65%		\$10,000	\$10,400
Georgia, reg., 1915, 4½%		10,000	10,000
N. Y. St., man. imp., 1960, 4%		50,000	51,000
N. Y. St., hwy imp., 1963, 4½%		30,000	33,000
Ohio, Cya. Co., hg., 1927-29, 5%		100,000	106,000
Va., cent., 1901, 3%		60,000	50,400
R. M. r., 1932, 4½%		3,000	3,030
N. M. Albu., 1929, 4½%		1,000	1,000
N. Y. Cy., cp., 1937, 4½%		200,000	214,000
N. Y. C., cp. st., 1932, 3½%		150,000	132,000
N. M. gn. ref., 1923, 4%		6,000	5,850
Spokane, B. C., st. & avk., 1942, 4½%		15,375	15,150
Mass. State Hwy., 1920, 3½%		50,000	49,000
A. T. & S. Fe Ry., reg. ad., 1905, 4%		50,000	44,000
B. & O. R. R., pr. ha. g., 1925, 3½%		100,000	92,000
B. & O. R. R., cv. g., 1933, 4½%		25,000	23,000
B. & M. R. R., g., 1944, 4½%		25,000	17,250
C. & O. Ry., gn. m. reg., 1902, 4½%		50,000	47,000
C. M. & St. P. Ry., gn. m. g., 1960, 3½%		150,000	120,000
C. M. & St. P. Ry., 1 m. g., 1921, 5%		100,000	104,000
C. & Nwa. Ry., gn. m. g., 1967, 3½%		150,000	124,500
C. R. I. & P. Ry., 1 r. m., 1924, 4%		25,000	18,000
C. R. I. & P. Ry., gn. m. g., 1968, 4%		23,000	20,470

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
C. C., C. & St. L. Ry., gn. m. g., 1993, 4%		\$50,000	\$38,500
Cleve. S. L. Ry., 1 m. g., 1961, 4½%		100,000	96,000
Gt. North. R. R., 1 r. m., 1961, 4½%		50,000	50,500
Ill. Cent. R. R., 1 m. g., 1953, 3½%		25,000	20,500
Ill. Cent. R. R., St. L. D. & Tm., 1 m., 1951, 3½%		25,000	20,500
Ill. Cent. R. R., W. L., 1 m. g., 1951, 4%		22,000	20,020
Kan. Cy. Tm. Ry., 1 m. g., 1960, 4%		40,000	37,800
L. & N. R. R., 1 m. g., 1931, 5%		25,000	26,500
L. & N. R. R., A., K. & C., reg., 1955, 4%		25,000	22,500
Manhattan Ry., 1 m., 1990, 4%		50,000	46,500
N. Y. C. & H. R. R. R., gn. m. g., 1997, 3½%		70,000	58,100
N. Y. C. & H. R. R. R., d., 1942, 4%		55,000	48,400
N. Y. C. & H. R. R. R., n., 1915, 4½%		50,000	50,000
N. Y. & Put. R. R., 1 cs. g., 1993, 4%		25,000	21,750
N. P., G. N. R. R., jt., C. B. & Q., col., 1921, 4%		75,000	72,750
a. R. R., cv., 1915, 3½%		80,000	80,000
Portland Tm., 1 m. g., 1961, 4%		25,000	21,750
So. Pac. R. R., 1 r. m., 1955, 4%		50,000	46,000
So. Ry., 1 cs. m., 1994, 5%		54,000	56,700

STOCKS.		Par Value.	Market Value.
Beech Creek R. R., gr.		15,000	13,500
Morris & Essex R. R., gr., com.		37,500	64,125
Fitts, Ft. W. & C. R. R., gr.		40,000	65,800
United N. J. R. R. Can. & Const.		20,000	45,000
Ca. Gas., N. Y. Cy.		34,000	43,880
10th & 23d st. Ferry, N. Y. Cy., gr.		10,000	1,700
Totals (book value, \$2,596,724)		\$2,425,500	\$2,359,435

MISCELLANEOUS: The Atlas began business in the United States in 1886. Its home office statement as of December 31, 1913, showed a subscribed capital of \$2,200,000 (\$264,000 paid up) and assets aggregating \$4,474,372. Conflagration losses: Baltimore, 1904, \$225,683; San Francisco, 1906, \$1,721,237; San Francisco losses were paid by remittances from home office. Values of special deposits: Ga., \$10,000; N. M., \$9,910; Va., \$50,400; O., \$100,000.

UNITED STATES TRUSTEES: Richard J. Cross, Walter P. Bliss, Edwin G. Merrill, N. Y.

FIELD MEN AND TERRITORY COVERED: New York branch: Frank Look, manager; Giles K. Tinker, sub-manager; L. C. Williams, general adjuster; W. B. Medlicott, general agent, and A. H. Bronson, special agent for New England; R. T. Butler,

ATLAS ASSURANCE COMPANY, LTD., London, Eng.—Continued.

pecial agent for N. Y. State; O. G. Boyle, special agent, and James McFadden, assistant special agent for N. J., Pa., Del., D. C. and Md.; J. H. Raine and B. E. Thomas, special agents for Va., N. C., S. C., Ga., Fla. and Ala.; L. Monroe & Sons, general agents for La. and Miss.; Beers, Kenison & Co., general agents for Tex. Chicago branch: Geo. E. Haas, manager; E. W. Jewell, assistant manager, Insurance Exchange Bldg., Chicago, Ill. Special agents: John M. Neuburger, Cincinnati, O., and G. S. Patrik, assistant, for O. and W. Va.; Harry Gamble, Indianapolis, Ind., for Ind. and Ky.; E. M. Schoen, Kansas City, Mo., for Mo., Neb. and Ia.; R. F. Woltersdorf, Chicago, Ill., for Ill. and Mich.;

W. E. Golden, Milwaukee, Wis., for Wis. and Minn.; Adams & Boyle, general agents for Ark., Little Rock, Ark. Pacific Coast department: Frank G. Devlin, San Francisco, Cal., manager; T. H. Palache, assistant manager; A. J. Penfield, agency superintendent. Special agents: H. R. Jackson, special agent for southern Cal. and Ariz.; E. K. Lowar, for eastern Wash., Mont. and Ida; A. E. Ehrhorn, for western Wash. and Ore.; F. H. Elster, for northern Cal. and Nev.; Wm. Manning, for Colo., Wyo. and N. M.; Craig Owens for central Cal. This company operates in all the States and Territories excepting Alaska, Kan., N. D., Okla., S. D. and Tenn., and in the Hawaiian Islands and the Dominion of Canada.

BALKAN NATIONAL INSURANCE COMPANY, Sofia, Bulgaria.

United States Managers, Wm. C. Scheide & Co., Inc., Hartford, Conn. Organized 1895.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$2,056,555	\$1,130,495	\$572,174	\$1,815,469	\$1,888,815	\$1,156,806	\$553,475	\$1,710,281	\$1,226,707	—\$1,852
1913	1,857,150	1,067,206	532,064	1,862,700	1,915,987	1,064,105	570,205	1,634,310	1,051,231	+91,424
1912	1,494,232	894,581	424,432	1,354,911	1,396,859	721,183	413,794	1,134,977	801,949	+34,733
1911	1,206,726	726,207	394,926	1,073,891	1,038,874	212,925	323,573	536,498	291,851	+271,702
1910	733,953	30,944	338,283	57,199	58,181	344	18,357	18,701	5,070	+330,274

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$1,379,950	Losses unpaid	\$288,886
Cash	467,897	Unearned premiums	1,130,495
Due from other cos.	189,753	Other liabilities	65,000
Interest	18,955		
		Total liabilities	\$1,484,381
		Surplus	572,174
Total assets	\$2,056,555	Total	\$2,056,555

Underwriting loss, \$52,280; investment profit, \$91,260.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$195,601,542; premiums thereon, \$2,063,672.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$6,164,170; losses paid, \$3,117,972.

BONDS OWNED:		Par Value.	Market Value.
Mass. Met., pk. loan, 1937, 3½%		\$20,000	\$18,600
Mass. Met., wat. loan, 1941, 3%		50,000	42,000
N. Y., canal imp., 1958, 3%		100,000	99,000
N. Y., canal imp., 1960-61, 4%		112,000	114,240
N. Y., hwy. imp., 1960-61, 4%		43,000	43,860
Baltimore, Md., dock, imp., 1961, 4%		50,000	49,000
Boston, Mass., hwy., 1932, 3½%		50,000	46,500
Boston, Mass., tunnel & sub., 1945, 3½%		50,000	47,500
Buffalo, N. Y., wat., 1931, 4%		50,000	49,500
Chicago, Ill., gn. corp., 1921, 4%		25,000	24,750
Chicago, Ill., perm. imp., 1917, 4%		25,000	25,000
Cincinnati, O., wat. sup., 1950, 4%		50,000	51,000

BONDS OWNED.—Cont.		Par Value.	Market Value.
Cleveland, O., wat. sup., 1940, 4%		\$50,000	\$51,500
Detroit, Mich., pub. sc., 1944, 4%		50,000	49,000
Hartford, Conn., mun. bldg., 1933, 4½%		50,000	52,500
Kansas Cy., Mo., sc. dist., 1933, 4½%		25,000	25,750
Kansas Cy., Mo., 12th st. twy., 1930, 4½%		25,000	25,750
Minneapolis, Minn., sr., 1941, 4%		50,000	49,000
Newark, N. J., pub. bldg., 1941, 4%		50,000	49,000
N. Y. Cy., corp. stk., 1955, 4%		20,000	19,800
N. Y. Cy., corp. stk., 1960, 4½%		220,000	222,200
Phila., Pa., 1941, 4%		50,000	51,000
Portland, Ore., wat., 1936, 4%		50,000	48,500
Seattle, Wash., pk., 1932, 4½%		50,000	50,000
St. Louis, Mo., pub. bldg., 1929, 4%		75,000	75,000
Totals (book value, \$1,381,429)		\$1,390,000	\$1,379,950

MISCELLANEOUS: Deposits: Conn., \$300,000; O., \$100,000; N. Y., \$200,000. The home office statement of this company as of December 31, 1913, showed assets aggregating \$5,667,744 and a paid-up capital of \$400,000. Policyholders surplus, \$702,216.

UNITED STATES TRUSTEE: State Bank & Trust Co. Hartford, Conn.

TERRITORY COVERED: This Co. is licensed in Ark., Colo., Conn., Del., Ill., Ind., Ia., La., Mass., Mich., Miss., Mont., Nev., N. H., N. J., N. Y., N. C., Ohio, Pa., Tex., Utah and W. Va.

BRITISH AMERICA ASSURANCE COMPANY, Toronto, Can.

Vice-President and Gen'l Manager, W. B. Meikle; Assistant Gen'l Manager, John Sime; Secretary, E. F. Garrow. Organized, 1833.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$1,842,265	\$958,716	\$722,113	\$1,042,325	\$1,106,815	\$760,065	\$445,052	\$1,205,137	\$766,748	+337.8
1913	1,837,726	1,019,445	728,066	1,097,703	1,160,578	570,647	450,788	1,021,435	569,694	+13.4
1912	1,753,317	916,855	708,236	1,094,456	1,154,010	587,542	452,857	1,040,399	571,280	—10.5
1911	1,690,586	806,711	725,584	953,163	1,010,281	534,368	405,971	940,339	530,657	—9.8
1910	1,596,008	737,947	688,892	937,083	985,294	477,428	397,500	874,928	491,193	—71.4

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$1,375,637	Losses unpaid	\$142,301
Cash	304,356	Unearned premiums	958,716
Agents' balances	143,451	Other liabilities	19,135
Interest	22,577		
		Total liabilities	\$1,120,152
Total	\$1,846,021	Surplus	722,113
Less excc & spl. dep.	3,756		
Total assets	\$1,842,265	Total	\$1,842,265

writing loss, \$118,423; investment profit, \$79,879.

RISKS AND PREMIUMS: Fire risks in force, December \$190,121,738; premiums thereon, \$1,916,510.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$38,575,551; losses paid, \$23,412,156.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Brooklyn, N. Y., g., 1936, 3½%		\$30,000	\$27,000
Cleveland, O., grd. corp., 1923, 4%		100,000	101,000
Georgia State, reg., 1915, 4½%		10,000	10,000
Greenville Co., S. C., r., 1933, 4½%		5,000	5,000

BRITISH AMERICA ASSURANCE COMPANY, Toronto, Can.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Kingston, Ont., 1919-25 4½%.....		\$20,000	\$19,689
London, Ont., 1921, 4%.....		15,000	14,560
Manitoba, Prov., 1930, 4%.....		5,000	4,850
N. M. terri. cap., 1925, 5%.....		10,000	10,000
N. Y. State, hwy. imp., 1958, 4%.....		5,000	5,100
N. Y. Cy. corp., 1919, 3½%.....		170,000	164,900
N. Y. Cy. corp., 1941, 3½%.....		5,000	4,500
N. Y. Cy. corp., 1959, 4%.....		75,000	75,000
N. Y. Cy. corp., 1963, 4½%.....		5,000	5,400
Porto Rico, reg., 1932, 4%.....		10,000	10,200
Richmond, Va., 1924-27, 4%.....		26,300	25,498
Riverside, Cal., 1923-35, 5%.....		25,000	25,470
Toledo, O., gn. f., 1919, 4½%.....		10,000	10,300
Victoria, B. C., d., 1923, 4½%.....		140,000	135,800
Can. No. Ry., ca. d., 1930, 4%.....		40,393	37,969
Imp. Rolling Stk. C. N., eq., 1920, 4½%.....		64,000	60,800
Dul. Ry. Lk. & Win. Ry., 1916, 5%.....		55,000	54,450
Sub. Rap. Tran., 1 m., 1938, 5%.....		22,000	22,220
West Shore Ry., 1 m., 2361, 4%.....		12,000	11,160
Cent. Can. Loan & Sav., d., 1917, 4%.....		365,000	365,000
Prov. Lt., Ht. & Pow., 1 m., 1946, 5%.....		52,000	52,000
Toronto Gn. Tr., inv. rec., 1918, 5%.....		12,000	12,000
Toronto Sav. & Loan, d., 1915, 4%.....		50,000	50,000
STOCKS.			
Chi. Mil. & St. P. Ry., p.....		10,000	13,400
Gr. Nor. R. R., p.....		21,800	28,784
Ill. Cent. R. R., com.....		4,300	4,816
Minn. St. P. & S. Ste. M. Ry., com.....		10,000	12,300
Total (book value, \$1,430,569).....		\$1,384,593	\$1,376,956

*Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: The company began business in the United States in 1874. On December 31, 1914, its total assets were shown by its home office statement to amount to \$2,303,106 and its paid-up capital is \$1,400,000, of which \$550,000 is preference stock issued in 1908 at 125%. Confiscation losses: Balto., 1904, \$193,841; Toronto, 1904, \$226,091; San Francisco, 1906, \$861,672. Values of special deposits: Ga., \$10,000; N. M., \$10,000; Va., \$25,498; Porto Rico, \$10,200; other deposits: N. Y., \$13,009; O., \$100,000.

UNITED STATES TRUSTEE: United States Mortgage & Trust Co., New York.

DIRECTORS: W. R. Brock, president; W. B. Meikle, vice-president; R. Bickerdike, M. P., H. C. Cox, D. B. Hanna, John Hoskin, K. C., LL.D., Alex. Laird, Z. A. Laah, K. C., LL.D., Augustus Myers, George A. Morrow, Lt. Col. Frederic Nicholls, James Kerr Osborne, Col. Sir Henry Pellatt, C. V. O., E. R. Wood.

FIELD MEN AND TERRITORY COVERED: Western department includes the States of Colo., Mont., Kan., S. D., Wyo., Utah, N. M., Ida., N. D. and Ariz.; H. T. Lamey, manager; H. P. Giberson, assistant manager at Denver, Colo.; Miller, Henly & Scott, general agents San Francisco, Cal., for Wash., Ore., Haw. and Alas.; Watson & Taylor, San Francisco, Cal., general agents for Cal.; J. C. Crooks, special agent for Cal.; J. W. Byrnes, special agent for Cal.; H. P. Hildreth, special agent for Ore. and Wash. Southern department, Chas. H. Godfrey, manager, Atlanta, Ga.; Louis T. Miller, agency superintendent, Atlanta, Ga.; W. W. Smith, State agent for N. C., Raleigh, N. C.; W. N. H. Smith, special agent for N. C., Raleigh, N. C.; Clarence L. Stockell, special agent for S. C., Richmond, Va.; A. F. Irby, special agent for Ga., Atlanta, Ga.; A. C. Eifer, special agent for Ala., Birmingham, Ala.; C. A. Prescott, special agent for La. and Miss., New Orleans, La.; Ed. M. Hafer, special agent for Fla., Jacksonville, Fla. W. L. Ferrin & Son, agents, Metropolitan district, 73 Maiden Lane, New York City. J. G. Simmonds, general agent, New York City, suburban district, 95 William st., New York City. A. G. Hancock, Baltimore, Md., general agents for Md., Va., Del., D. C. and W. Va.; E. Sharpe, Pittsburgh, Pa., special agent for Pa.; H. C. Brose, Philadelphia, Pa., for N. J.; G. L. Meyers & Co., Memphis, Tenn., general agent for Ark.; John S. Aldehoff & Co., Dallas, Tex., general agents for Tex. and Okla.; New England States: O'Brien-Russell Co., managers; Joseph F. Burnside, general agent, Wm. Taylor Jordan and Thomas E. Glavin, special agents, Boston, Mass. Special agent for New York State (except N. Y. City and Buffalo), G. W. Alock, Syracuse, N. Y.; W. R. Townley, American Trust Building, Chicago, Ill., general agent; A. H. Grupe, St. Louis, Mo., for Mo. and Ill.; John Davy, Cleveland, O., for O.; E. F. Richards, Detroit, Mich., for Mich.; T. E. Hayden, Indianapolis, Ind., for Ind. and Ky.; Robert L. Bruen for Minn.; Geo. R. Crosley, Milwaukee, Wis., for Wis. and Ia.; W. A. Scherfe for Ia. The company operates in all the States in the United States except Nev. and also in Mexico and foreign countries.

BRITISH AND FOREIGN MARINE INSURANCE COMPANY, LTD.

Liverpool, Eng.†

United States Manager, W. L. H. Simpson; Secretary, H. J. M. Edgar, New York. Organized 1863. (United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	Remit to H. O.
1914	\$1,210,122	\$177,944	\$797,167	\$923,683	\$967,098	\$462,209	\$265,488	\$727,787	\$517,176	\$100,304
1913	1,048,897	165,645	715,475	400,896	442,163	534,468	297,009	831,477	504,095	127,577
1912	1,846,757	164,415	755,730	1,096,204	1,136,870	435,371	258,646	694,017	884,045	273,239
1911	1,441,756	214,041	712,786	770,182	810,986	273,296	247,379	520,675	293,657	403,675
1910	1,575,020	186,564	749,406	1,061,502	1,103,384	459,864	217,303	677,067	845,453	236,503

Assets, Dec. 31, 1914.

Bonds and stocks.....	\$943,639	Losses unpaid.....	\$188,929
Cash.....	92,650	Unearned premiums.....	177,944
Agents' balances.....	159,808	Other liabilities.....	46,082
Interest.....	14,025		
		Total liabilities.....	\$412,955
		Surplus.....	797,167

Total assets..... \$1,210,122 Total..... \$1,210,122

Underwriting profit, \$127,358; investment profit, \$54,637.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$31,085,984; premiums thereon, \$318,592.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$31,682,682; losses paid, \$23,399,202.

BONDS AND STOCKS OWNED:

Bonds.		Par Value.	Market Value.
D. & C. F., 1924, 3.65%.....		\$100,000	\$104,000
Manacometta, State, reg., g., 1930, 3½%.....		12,000	11,28 0
N. Y. C. corp. stk., 1953, 3½%.....		70,000	61,600
N. Y. C. corp. stk., 1962, 4½%.....		142,000	146,260
Portland, Ore., wat., 1923, 5%.....		23,000	24,150
Portland, Ore., new C. H., 1922, 5%.....		2,000	2,100
Portland, Pt. Ore., 1922, 5%.....		8,000	8,160
B. & Me. R. R., g. e., 1944, 4½%.....		1,000	690
B. & Me. R. R., g. e., 1923, 3½%.....		12,000	9,360
B. & Me. R. R. reg., 1929, 4½%.....		2,000	1,540
C. M. & St. P. Ry. C. P. W. Div., 1921, 5%.....		55,000	57,200
Chi. M. & St. P. Ry., gn. m. g., 1908, 4½%.....		40,000	41,200

†Transacts marine business.

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.		Par Value.	Market Value.
East Shore & Suburban Ry., g., 1940, 5%.....		\$36,000	\$33,480
Ill. Cen. R. R., St. L. Div., 1951, 3½%.....		15,000	12,300
Ill. Cen. R. R., L. Div., 1953, 3½%.....		15,000	12,300
Lehigh Valley Ry. 1 m., g., 1940, 4½%.....		35,000	35,350
New Eng. R. R., reg., g., 1945, 5%.....		50,000	53,000
N. Y., N. H. & H. R. R., 1955, 4%.....		123,000	91,020
Old Colony R. R., reg. 1925-38, 4%.....		75,000	70,250

STOCKS.

Cleveland & Pittsburg R. R.....	25,000	41,500
Illinois Central R. R. leased lines.....	1,500	1,275
Pittsburgh, Ft. Wayne & Chi. Ry.....	76,000	125,624

Totals (book value, \$967,408)..... \$919,100 \$943,639

MISCELLANEOUS: Interests identified with this company also control the American & Foreign Marine Insurance Company. Confiscation losses: Baltimore, 1904, \$19,985. The home office statement of the company as of December 31, 1913, shows assets of \$2,444,471 exclusive of \$1,240,000 of uncalled capital, the paid-up capital being \$268,000. The balance of the profit and loss account and underwriting account was \$592,250. Value of deposit in Mass., \$305,000; in N. Y., \$212,000; in O., \$100,000.

UNITED STATES TRUSTEE: Central Trust Co., New York.

FIELD MEN AND TERRITORY COVERED: Balfour, Guthrie & Co., general agents, San Francisco, Cal.; W. E. J. Ord, manager.

"BULGARIA"—FIRST BULGARIAN INSURANCE COMPANY, Rustchuk, Bulgaria.

United States Managers, Snow & Thieme, 80 Maiden Lane, New York City. Organized, 1891.

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	Remit from H. O.
1914	\$1,470,607	\$747,240	\$526,908	\$1,174,942	\$1,228,060	\$909,076	\$375,541	\$1,284,617	\$933,558	\$172,500
1913	1,300,196	750,436	378,783	1,261,578	1,297,827	699,247	399,596	1,098,843	759,585	157,523
1912	974,444	386,865	484,136	712,922	725,632	104,983	222,583	327,566	206,426	573,535

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Bonds.....	\$1,263,330		Losses unpaid.....	\$193,959	
Cash.....	113,221		Unearned prems.....	747,240	
Agents' balances.....	76,695		Other liabilities.....	2,500	
Interest.....	17,361		Total liabilities.....	\$943,699	
			Surplus.....	526,908	
Total assets.....	\$1,470,607		Total.....	\$1,470,607	

Underwriting loss, \$102,208; investment profit, \$78,713.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$127,803,907; premiums thereon, \$1,371,959.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$3,149,441; losses paid, \$1,713,306.

BONDS OWNED:		Par Value.	Market Value.
N. Y. Cy., corp., 1960, 4½%.....		\$470,000	\$474,700
N. Y. State, canal imp., 1961, 4%.....		200,000	204,000
Cleveland, reg., 1924-6, 4%.....		100,000	101,600
N. Y. State, hwy., 1961, 4%.....		100,000	102,000
Portland, Ore., c., 1943, 4½%.....		50,000	52,000
Poughkeepsie, N. Y., sc., 1923, 4½%.....		40,000	41,200
Elmira, N. Y., reg. ac., 1931-32, 4½%.....		10,000	10,450
N. Y. Cy., 1963, 4½%.....		10,000	10,800
Hamilton Co., O., bg., 1943, 4%.....		80,000	83,200
Dallas, Tex., perm. st. imp., 1910, 4½%.....		25,000	24,500

BONDS OWNED.—Cont.		Par Value.	Market Value.
Paterson, N. J., g. pk., 1942, 4½%.....		\$25,000	\$26,250
New Rochelle, N. Y., pc. im. rg., 1918, 5%.....		5,000	5,150
New Rochelle, N. Y., pk. reg., 1919, 5%.....		3,000	3,090
New Rochelle, N. Y., F. D. reg., 1919, 5%.....		2,000	2,060
New Rochelle, N. Y., F. D. reg., 1920, 5%.....		2,000	2,060
New Rochelle, N. Y., pk. reg., 1920, 5%.....		3,000	3,120
New Rochelle, N. Y., pk. reg., 1922, 5%.....		2,000	2,100
New Rochelle, N. Y., sc. reg., 1923, 5%.....		5,000	5,300
New Rochelle, N. Y., sc. reg., 1924, 5%.....		3,000	3,180
Memphis, Tenn., wat. reg., 1933, 4%.....		25,000	24,250
Minneapolis, Minn., c., 1939, 4%.....		25,000	24,500
Jackson Co., Ore., c., 1938, 5%.....		25,000	26,000
Hartford, Conn., c., 1939, 4½%.....		30,000	31,800

Totals (book value, \$1,254,114)..... \$1,240,000 \$1,263,330

MISCELLANEOUS: This company entered the United States January, 1912, to transact a fire reinsurance business. It has \$200,000 deposited with New York, \$200,000 with Connecticut, and \$100,000 with Ohio. The company's home office statement for 1914 showed \$4,252,415 francs of assets. Capital increased during 1914 to \$400,000 from \$300,000.

UNITED STATES TRUSTEES: Fidelity Trust Co., Hartford.

TERRITORY COVERED: The company does business in all the States of the United States.

CALEDONIAN INSURANCE COMPANY, Edinburgh, Scotland.

United States Manager, Chas. H. Post; Assistant Manager, R. C. Christopher, New York. Organized, 1903.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$2,284,041	\$1,460,253	\$600,239	\$1,423,299	\$1,493,304	\$919,275	\$550,995	\$1,470,270	\$933,986	+\$14,630
1913	2,250,445	1,460,323	636,607	1,451,283	1,524,382	739,797	554,498	1,304,295	698,131	-118,716
1912	2,175,589	1,397,008	619,013	1,420,865	1,500,926	877,918	546,962	1,424,880	816,521	-23,575
1911	2,140,571	1,402,822	560,450	1,474,303	1,555,332	799,668	599,921	1,399,589	755,522	-128,054
1910	2,078,920	1,326,749	579,736	1,469,090	1,543,499	731,055	565,968	1,297,023	712,669	-180,104

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Real estate.....	\$525,000		Losses unpaid.....	\$186,549	
Bonds and stocks.....	1,362,745		Unearned prems.....	1,460,253	
Cash.....	113,026		Other liabilities.....	37,000	
Agents' balances.....	285,813		Total liabilities.....	\$1,683,802	
Interest.....	10,819		Surplus.....	600,239	
Total.....	\$2,297,402				
Spl. dep. over liab.....	13,361				
Total adm. assets.....	\$2,284,041		Total.....	\$2,284,041	

Underwriting loss, \$115,204; investment profit, \$77,378.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$275,395,530; premiums thereon, \$2,833,593.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$32,789,060; losses paid, \$20,972,033.

REAL ESTATE OWNED: Consists of the 12-story and basement fireproof building at 50-52 Pine st., N. Y. (occupied in part by the company), which cost \$442,066, and is valued at \$525,000. It is unincumbered.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Cincinnati, O., pk. extn., 1957, 4%.....		\$100,000	\$104,000
Richmond, Va., 1924-27, 4%.....		26,000	25,155
N. Y. Cy., corp., 1928-54, 3½%.....		310,000	280,800
N. Y. Cy., corp., 1960, 4½%.....		15,000	15,450
Portland, Ore., wat. loan, 1923, 5%.....		50,000	52,500
Georgia, 1917, 3½%.....		10,000	9,900
California, 1885, 4%.....		25,000	23,750
California, 1931, 4%.....		25,000	24,500
Albany So. R. R., 1 m. s. f. g., 1939, 5%.....		20,000	18,900

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
C. B. & Q. R. R., Neb. extn. m., 1927, 4%.....		\$30,000	\$29,400
C. R. I. & P. R. R., gn. m. g., 1933, 4%.....		50,000	44,500
L. S. & M. S. R. R., g., 1931, 4%.....		50,000	47,000
Mo. Pac. Ry., sec. g. n., 1915, 6%.....		40,000	36,000
N. Y. C. & H. R., L. S. col. g., 1908, 3½%.....		25,000	19,500
N. Y. C. Lines, eq. tr. g., 1915-28, 4½%.....		28,000	27,720
N. Y., O. & W. Ry., g. m. g., 1955, 4%.....		25,000	19,750
Rich. & Peters. R. R., ca. m., 1940, 4½%.....		50,000	50,500
So. Ry., 1 ca. m. g., 1994, 5%.....		25,000	26,250
Brooklyn Union Gas., 1 ca. g., 1945, 5%.....		5,000	5,300
Cent. Union Gas. N. Y., 1 m. g., 1927, 5%.....		5,000	5,100
Ind. Steel, 1 m. c. g., 1952, 5%.....		10,000	10,200
Lacks. Steel., 1 m. cv. g., 1923, 5%.....		25,000	22,750
Nat. Tube, 1 m. c. g., 1952, 5%.....		15,000	15,000

STOCKS.		Par Value.	Market Value.
A. T. & S. Fe Ry., p.....		50,000	51,500
Chi. Mil. & St. P. R. R., p.....		80,000	107,200
C. C. & St. L. R. R., p.....		10,000	5,000
Cleveland & Pittsburg R. R.....		10,000	16,600
Manhattan Ry.....		50,000	66,500
Morris & Essex Ry.....		10,000	17,100
N. Y., C. & St. L. R. R., 1 p.....		10,000	9,200
Pa. R. R.....		30,000	33,300
Amer. Ex. Nat. Bk., N.Y.....		10,000	20,800
Ca. Gas, N. Y.....		50,000	64,500
Gn. Adj. Bur.....		200	200
Illm. & Pow. Sec., p.....		20,000	19,200
Illm. & Pow. Sec., com.....		4,000	1,150
Pacific Coast Adj. Bur.....		100	100
So. Adj. Bur.....		100	100
Mackay Co.'s, p.....		50,000	34,000

CALEDONIAN INSURANCE COMPANY, Edinburgh, Scotland.—Continued.

Bonds and Stocks Owned.—Cont.	Par Value.	Market Value.
Stocks.—Cont.		
Underwriters' Salv., N. Y.	\$1,000	\$1,500
Underwriters' Salv., Chicago	1,000	1,000
Western Adj. & Insp.	100	900
Total (book value, \$1,457,493)	\$1,350,500	\$1,362,745

MISCELLANEOUS: This company began business in the United States in 1891. Its home office statement as of December 31, 1911, showed a subscribed capital of £537,500 (£107,500 paid up) and assets aggregating £3,835,217. The interests connected with this company also control the Caledonian-American of N. Y. Configuration losses: Jacksonville, Fla., 1901, \$107,873; Paterson, N. J., 1902, \$31,532; Baltimore, 1904, \$249,292; San Francisco, 1905, \$2,477,481; Chelsea, 1908, \$44,078. Value of special deposits: Ohio, \$104,000; Ga., \$9,900; Va., \$25,155.

UNITED STATES TRUSTEES: Richard J. Cross, Walter Phelps Bliss, E. G. Merrill, New York City.

FIELD MEN AND TERRITORY COVERED: Chas. H. Post, U. S. manager; R. C. Christopher, assistant U. S. manager; H. E. Pruck, branch secretary; F. N. Brown, general agent, western department; F. J. Briggs, general agent southern department; D. M. Darby, secretary City department; C. D. Cobb & Co.,

Denver, Col., general agents; A. L. Tefft, special agent for Colo. and Wyo.; Love-Haskell Co., Omaha, Neb., general agents for Neb.; A. W. Dorbert, Columbus, O., special agent for O. and Ind.; John B. Adams, Detroit, Mich., special agent for Mich.; F. M. Bishop, Milwaukee, Wis., special agent for Wis., Ill. and Minn.; Thos. F. Shean, New York City, general agent for N. Y., N. J., Pa., Md., D. C., Del. and W. Va.; Donald Christopher, New York City, special agent for N. J., Pa., Md., D. C., Del. and W. Va.; R. M. Carothers, Syracuse, N. Y., special agent for N. Y. State; R. R. Clark, Boston, Mass., general agent for Conn., Mass., Me., B. H. and Vt.; W. A. Lester, general agent for R. I.; C. R. Bartley, Richmond, Va., special agent for N. C., S. C., Ky., Tenn. and Tex.; Beers, Kenison & Co., Galveston, Tex., general agents for Va.; E. A. Groover, Jacksonville, Fla., general agent for Fla., Miss., Ga. and Ala.; Ferd Marks Insurance Agency, New Orleans, general agents for La.; Arch. C. Olds, manager, San Francisco, Pacific Coast department, comprising Cal., Nev., Ariz., Ore., Wash., Ida., Utah, Mont., Alas. and the Hawaiian Islands; C. A. Colvin, Portland, Ore., superintendent of agencies for Ore., Wash., Ida. and Mont.; E. E. Panabaker, Sacramento, Cal., special agent for central Cal.; Warren Campbell, Los Angeles, Cal., special agent for southern Cal.; Paul St. John, special agent for Cal., Ari., Nev., and Utah. The company operates in all the States of the United States except Ark., N. M., N. D., Okla. and S. D., and also in the Dominion of Canada.

CANTON INSURANCE OFFICE, LTD., Hong Kong, China. §

Pacific Coast General Agents, Parrott & Co., San Francisco, Cal. Organized, 1836.

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$288,887	\$38,562	\$215,274	\$127,030	\$137,624	\$89,299	\$39,405	\$128,704	\$89,299	
1913	299,326	38,328	218,594	127,672	138,029	121,332	37,887	159,219	121,332	

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$239,125	Losses unpaid	\$31,290
Cash	18,079	Unearned premiums	38,562
Agents' balances	26,669	Other liabilities	3,761
Other assets	5,014		
		Total liabilities	\$73,613
		Surplus	215,274
Total assets	\$288,887	Total	\$288,887

RISKS AND PREMIUMS: Marine and inland risks in force, \$1,607,278; premiums thereon, \$71,528.

MISCELLANEOUS: This company is licensed to write marine insurance on the Pacific Coast, and has \$200,000 of U. S. bonds deposited with the Insurance Department of the State of Washington and \$199,500 in New York. The company's Dec. 31, 1914 financial statement showed assets amounting to \$2,745,651 and a paid-up capital, \$250,000 and a net surplus of \$1,941,509. Company is licensed in Cal., Haw., Wash. and B. C.

§Transacts marine business.

CENTURY INSURANCE COMPANY, LTD., Edinburgh, Scotland.

United States Managers, Henry W. Brown & Co., New York. Organized, 1885.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$690,729	\$195,472	\$449,251	\$313,645	\$341,870	\$231,082	\$109,993	\$341,075	\$238,041	—\$25,997
1913	707,400	173,333	507,923	303,226	330,306	139,871	101,113	240,984	142,730	+19,027
1912	626,205	95,849	508,994	178,236	203,760	32,893	61,871	94,264	49,458	+24,594
1911	523,107	26,318	492,370	16,747	16,747	12,392	4,859	17,251	14,232	+1,469

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds	\$609,940	Losses unpaid	\$33,906
Cash	21,562	Unearned premiums	195,472
Agents' balances	41,523	Other liabilities	2,100
Interest	7,604		
Other assets	100	Total liabilities	\$231,478
		Surplus	419,251
Total assets	\$690,729	Total	\$690,729

Underwriting loss, \$60,906; investment profit, \$28,141.

RISKS AND PREMIUMS: Fire risks in force December 31, \$3,761,927; premiums thereon, \$373,228.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$937,526; losses paid, \$422,854.

BONDS OWNED.		Par Value.	Market Value.
N. Y., highway imp., 1962, 4%		\$2,000	\$2,040
N. Y., Palisades Pk. loan, 1961, 4%		25,000	25,500
Albany, high school, 1920-24, 4%		50,000	49,500
Buffalo Cy., wat., 1960, 4%		50,000	48,500
N. Y., cp., 1959, 4%		50,000	50,000
N. Y., 1962, 4%		50,000	51,500
N. Y., reg., 1957, 4%		2,000	2,140
Utica, pub. imp., 1919-29, 4%		21,000	23,680
Chattanooga Sta., 1 m., 1957, 4%		15,000	13,350
Ches. & O. Ry., cv., 1930, 4%		15,000	12,000
Chi., Mil. & St. P. Ry., 1939, 4%		10,000	9,600
Chi. & N. Wn. Ry., gn. m., 1937, 3 1/2%		5,000	4,150
Del. & Hud., d. cv., 1916, 4%		10,000	9,900

CENTURY INSURANCE COMPANY, LTD., Edinburgh, Scotland.—Continued.

BONDS OWNED.—Cont.		Par Value.	Market Value.
Denver & Rio G. R.R., 1 & r. m., 1955, 5%		\$25,000	\$12,000
Kan. Cy. So. Ry., r. & imp., 1950, 5%		40,000	38,400
Lake Shore & Mich. So. Ry., 1931, 4%		25,000	23,500
La. & Nashville R.R., Atl. K. & C. Div., 1955, 3%		24,000	21,600
Mo., Kan. & Tex. Ry., 2004, 4%		25,000	14,250
Nor. & W. Ry. 1 ln. & gn. m., 1944-29, 4%		30,000	27,300
Pub. Serv. Co. of N. J., 6%		10,000	10,500
Pub. Serv. Co. of N. J. & f., 1959, 5%		25,000	22,500
So. Pac., 1 r., 1955, 4%		15,000	13,800
Va. Ry., 1 m., g., 1962, 5%		25,000	24,500
Amer. Tl. & Tg., col. tr., 1929, 4%		25,000	22,250

BONDS OWNED.—Cont.		Par Value.	Market Value.
N. Y. Tl. 1 & gn. m., 1939, 4%		\$15,000	\$14,700
Standard Gas & Ed., cv., 1926, 6%		50,000	45,000
Totals (book value, \$619,303)		\$639,000	\$590,080

* Company's valuations; item in assets per N. Y. Ins. Dept. valuations.

UNITED STATES TRUSTEES: Henry I. Brown, U. C. Crosby, Roland L. Taylor.
TERRITORY COVERED: The company operates in Cal., Colo., Ill., Md., Mass., Mo., N. J., N. Y., N. C., Ore., Pa., R. I., Wash. and Wis.

COLOGNE REINSURANCE COMPANY, Cologne, Germany.

United States Manager, E. M. Cragin, New York. Organized, 1852.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Received from (-) Remit to H. O.
1914	\$1,417,064	\$915,521	\$284,980	\$1,180,827	\$1,236,112	\$825,298	\$414,805	\$1,240,103	\$848,096	+ \$5,074
1913	1,393,081	889,348	322,119	1,186,176	1,241,885	639,197	401,665	1,040,862	646,749	-240,101
1912	1,462,700	812,204	488,368	1,060,394	1,108,603	683,708	345,502	1,029,211	672,565	-14,617
1911	1,389,319	847,128	379,459	1,161,985	1,204,254	628,797	366,108	994,905	662,190	-53,221
1910	1,234,230	691,846	422,938	877,003	912,378	460,058	287,494	747,552	461,747	-41,754

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$1,361,460	Losses unpaid	\$196,563
Agents' balances	37,127	Unearned premiums	915,521
Interest	18,477	Other liabilities	20,000
		Total liabilities	\$1,132,084
		Surplus	284,980
Total assets	\$1,417,064	Total	\$1,417,064

Underwriting loss, \$118,603; investment profit, \$76,390.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$173,855,345; premiums thereon, \$1,729,466.

BUSINESS SINCE ADMISSION TO U. S.: Premiums received, \$12,224,208; losses paid, \$6,524,173.

BONDS OWNED:		Par Value.	Market Value.
United States, reg., 1925, 4%		\$160,000	\$177,600
New York City, reg., 1917, 3 1/2%		100,000	99,000
New York City, reg., 1928, 3 1/2%		50,000	47,000
New York City, reg., 1959, 4%		50,000	50,000

BONDS OWNED.—Cont.		Par Value.	Market Value.
New York City, reg., 1962, 4 1/2%		\$120,000	\$123,800
New York City, reg., 1960, 4 1/2%		50,000	50,500
Atch., T. & S. F. Ry., gn. m., 1995, 4%		220,000	211,200
Cen. Pac. R. R., 1 r. m., 1949, 4%		250,000	235,000
Cen. Pac. Ry., gn. m., 1929, 3 1/2%		46,000	41,800
C. M. & St. P. R. R., 1 m., 1921, 5%		80,000	83,200
U. P. R. R., 1 m. (R. R. & Ld. Gr.), 1947, 4%		250,000	242,500

Totals (book value, \$1,436,194)..... \$1,376,000 \$1,361,460

MISCELLANEOUS: The Cologne began business in the United States in 1898. Its business in the United States is confined to the reinsurance of the German-American of N. Y. Conflagration losses: Baltimore, 1904, \$125,000; San Francisco, 1906, \$858,000. These losses were incurred by company's home office.

UNITED STATES TRUSTEES: Woodbury Langdon, Otto L. Dommerich, Ralph L. Cutler, New York.

TERRITORY COVERED: The company is licensed in Ark., Conn., Del., Fla., Mass., Miss., N. J., N. Y., N. C., Pa., Tex., W. Va., Colo., Ill., Mich., Mont. and O.

COMMERCIAL UNION ASSURANCE COMPANY, LTD., London, Eng.†

United States Manager, A. H. Wray; Assistant Managers, C. J. Holman and C. E. Porter;
Branch Secretary, Wm. M. Ballard, New York. Organized, 1861.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Received from or (-) Remit to H. O.
1914	\$9,204,052	\$6,295,513	\$2,183,273	\$6,759,321	\$7,013,547	\$3,032,635	\$2,428,481	\$5,461,116	\$3,042,334	- \$141,143
1913	7,441,934	4,252,522	2,468,154	4,725,717	4,966,506	2,550,143	1,689,963	4,240,106	2,582,810	-616,713
1912	7,620,988	3,847,594	2,910,607	4,581,745	4,822,534	2,618,165	1,536,577	4,154,742	2,905,977	-828,669
1911	7,587,440	3,991,708	2,809,647	4,660,245	4,902,782	2,628,091	1,615,302	4,243,393	2,539,017	-471,509
1910	7,490,808	3,902,100	2,628,840	4,823,594	5,125,309	2,729,873	1,557,515	4,287,388	2,523,384	-504,627

Unearned premiums include amounts reclaimable on perpetual policies. * Includes \$634,999 marine premiums and \$423,896 marine losses.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$960,000	Losses unpaid	\$593,224
Mortgage loans	80,000	Unearned premiums	6,210,196
Bonds and stocks	5,452,370	Perp. dep. recd.	85,317
Cash	1,282,010	Other liabilities	132,042
Agents' balances	1,388,222	Total liabilities	\$7,020,779
Interest and rents	80,445	Surplus	2,183,273
Other assets	1,005		
Total assets	\$9,204,052	Total	\$9,204,052

Underwriting loss, \$787,556; investment profit, \$361,512.

† Transacts fire and marine insurance.

RISKS AND PREMIUMS: Fire risks in force (except perpetuals), December 31, \$1,171,975,659; premiums thereon, \$11,703,940; marine and inland risks in force, \$17,661,320; premiums thereon, \$186,161; perpetual fire risks, \$4,440,599; deposit premiums thereon, \$94,797.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$112,670,012; losses paid, \$66,001,902.

REAL ESTATE OWNED: Comprises the building and lots at N. E. corner Pine and William sts., and 60 William st., N. Y., occupied by the company (book value, \$922,300; carried at \$800,000); and the building and lots at 416-420 Walnut st., Phila., (book value, \$54,000; market value, \$160,000).

COMMERCIAL UNION ASSURANCE COMPANY, LTD., London, England.—Cont.

MORTGAGE LOANS: There are 7 loans of \$1,000 to \$9,000 each, aggregating \$30,000, secured by improved city property, valued at \$59,000.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Charleston, S. C., 1929, 4%.....	\$40,000	\$39,200
Chicago, Ill., 1915, 4%.....	10,000	10,000
Cleveland, O., 1921, 4%.....	100,000	101,000
Ca., State, 1915, 4%.....	10,000	10,000
Ca., State, 1933-34, 3½%.....	10,000	9,500
Greenville, S. C., r. m., 1942, 5%.....	10,000	10,600
N. Mex. r., 1933, 4%.....	10,000	9,700
N. Y. C., 1915-53, 3½%.....	328,000	306,000
N. Y. C., 1955, 4%.....	203,000	200,970
N. Y. C., 1956, 4%.....	50,000	49,500
Portland, Ore., 1917, 5%.....	50,000	51,000
Portland, Ore., r., 1928, 4%.....	25,000	24,500
Richmond, Va., 1943, 4%.....	52,000	48,380
At. C. L. R. R. L. & N. col., 1952, 4%.....	50,000	46,000
A. T. & S. Fe. Ry., adj., 1965, 4%.....	25,000	22,000
B. & O. R. R. S. W. Div., 1 m., 1925, 3½%.....	44,000	40,400
B. & O. R. R. L. E. & W. Va. r., 1941, 4%.....	125,000	108,750
Buffalo Ry., 1 m., 1931, 5%.....	25,000	25,750
Cent. N. E. Ry., 1 m., 1961, 4%.....	50,000	38,500
C. R. R. of N. J., gn. m., 1937, 5%.....	50,000	58,500
C. R. R. of Ga., 1945, 5%.....	25,000	26,250
Cent. Pac. Ry., 1 r., 1949, 4%.....	115,000	108,100
Cent. Pac. Ry. m. g., 1929, 3½%.....	50,000	45,500
Ches. & O. Ry., 1 m., 1939, 5%.....	50,000	53,500
Ches. & O. Ry., gn., 1992, 4½%.....	25,000	23,500
Ches. & O. Ry., gn. r. & imp., 1929, 5%.....	25,000	25,000
Ch. Ry., 1 r., 1927, 5%.....	15,000	14,850
C. M. & St. P. R. R. C. & P. W., 1921, 5%.....	50,000	52,000
C. M. & St. P. R. R., d., 1934, 4%.....	25,000	23,000
C. M. & St. P. R. Ry., 1 g., 1949, 4%.....	50,000	46,500
C. & N. W. R. R., a. f. d., 1929, 5%.....	64,000	67,200
C. & N. W. R. R., ca. m., 1915, 7%.....	50,000	50,000
C. R. I. & P. R. R., 1 m., 1917, 6%.....	60,000	62,400
C. R. I. & P. R. R., gn. m., 1938, 4%.....	50,000	44,500
C. R. I. & P. R. Ry., 1 r., 1934, 4%.....	50,000	36,000
Ch. St. L. & N. O. R. R., ca., 1951, 5%.....	50,000	35,000
C. C. & St. L. R. R. S. & C., 1 1940, 4%.....	50,000	42,000
C. B. & Q. R. R. S. W., 1921, 4%.....	11,000	10,670
C. B. & Q. R. R. Ill., 1949, 3½%.....	50,000	42,500
Colo. & So. R. R., r. & Ext., 1935, 4½%.....	10,000	8,800
Conn. Ry. & L. I. r. g., 1951, 4½%.....	50,000	48,000
D. & Rio G. R. R., 1 m., 1936, 4½%.....	50,000	44,000
D. & Rio G. R. R., 1 m., 1936, 4%.....	50,000	40,000
Des. M. & Ft. D. R. R., 1 gtd., 1936, 4%.....	100,000	60,000
Det. United Ry., 1 m., 1932, 4½%.....	100,000	70,000
Erie Ry., 1 m., 1920, 7%.....	60,000	67,200
E. St. L. & Sub., col. tr., 1932, 5%.....	25,000	23,500
Ft. W. & Den., 1 1921, 6%.....	25,000	26,250
Ge. No. Pa. C. B. & Q. col., 1921, 4%.....	125,000	121,250
I. Cent. R. R., 1 1952, 3½%.....	50,000	41,000
I. Cent. R. R., 1 r., 1955, 4%.....	15,000	13,800
I. Cent. R. R., St. L., 1931, 3%.....	10,000	7,300
Ind. Ill. & Ia. R. R., 1 1950, 4%.....	25,000	22,000
Ia., Minn. & N. W. R. R., 1 gtd., 1935, 3½%.....	50,000	44,500
Kan. Cy. So. R. R., 1 1950, 3%.....	15,000	10,350
Ky. C. R. R., 1 1987, 4%.....	45,000	40,500
Lake Erie & W. R. R., 1 1937, 5%.....	13,000	13,260
L. So. & Mich. So. R. R., 1928, 4%.....	35,000	32,900
L. So. & Mich. So. R. R., d., 1931, 4%.....	15,000	14,100
Let. Val. R. R., 1 gtd., 1940, 4½%.....	50,000	50,500
Let. Val. R. R., 1 gtd., 1941, 5%.....	50,000	55,500
L. I. R. R., d., 1934, 5%.....	50,000	50,500
L. I. R. R., r. m., gt., 1949, 4%.....	100,000	91,000
L. & N. T. R., m., 1940, 4%.....	25,000	24,000
L. & N. R. R., N. O. & M., 1 1930, 6%.....	50,000	59,000
L. & N. R. R., A. K. & C., 1955, 4%.....	50,000	45,000
Mar. C. Ry., d., 1929, 4%.....	25,000	21,000
Md. L. S. & W. R. R., ca., 1 1921, 6%.....	25,000	27,500
Mt. St. Ry., 1 m., 1919, 5%.....	50,000	50,500
M. & P. S. Ste. M. Ry., gt., 1938, 4%.....	100,000	95,000
Mex. Cent. R. R., 1 1949, 5%.....	25,000	23,000
Mo. Kan. & Tex. R. R., 1 r., 2004, 4%.....	35,000	19,950
Mo. Pac. Ry., m., 1945, 4%.....	50,000	21,000
N. O. Tm., 1 gtd., 1953, 4%.....	50,000	39,000
N. Y. C. & H. Riv. R. R., d., 1934, 4%.....	200,000	180,000
N. Y. C. & H. R. R. L. S. col., 1993, 3½%.....	50,000	39,000
N. Y. Ry., adj. imp., 1942, 5%.....	63,000	34,020
N. Y. Ry., 1 r. e. & r. m., 1942, 4%.....	24,000	18,240
N. & W. Ry., imp. & ex., 1934, 6%.....	50,000	61,000
N. & W. Ry., m., 1931, 6%.....	50,000	60,000
N. & W. Ry., div., 1 1944, 4%.....	15,000	13,650
No. Pac. Ry., r. m. & l. g., 1997, 4%.....	100,000	95,000
Or. & Id. R. R., 1 m., gt., 1929, 4%.....	115,000	105,800
Pa. gt. tr. col., 1944, 3½%.....	100,000	86,000
Pa. gt. fr. eq. tr., "P", 1919-23, 4½%.....	50,000	50,500

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
Pa. R. R., cv., 1915, 3½%.....	\$50,000	\$50,000
R. I. F. Tm., 1 1927, 5%.....	25,000	23,250
St. L. T., impl., 1924, 5%.....	25,000	17,000
St. L. I. M. & So. Ry., u. & r. m., 1929, 4%.....	50,000	37,500
St. L. I. M. & So. Ry., g. m. & l. g., 1931, 5%.....	50,000	51,000
St. L. Tm. C. Sta. & Pr., 1917, 4½%.....	70,000	68,600
St. P. Cy. Ry., Minn. Cable ca., 1937, 5%.....	25,000	26,000
St. P. M. & M. Ry., ca. m., 1933, 6%.....	25,000	30,750
So. & No. Ala. R. R. ca. gt., 1936, 5%.....	25,000	26,750
So. Ry., 1 ca. m., 1944, 5%.....	100,000	105,000
So. Pac. R. R., 1 r., 1955, 4%.....	25,000	23,000
Tm. R. R. Ann., St. L., 1 1939, 4½%.....	25,000	25,000
Tm. R. R. Ann., St. L., gn. r., 1953, 4%.....	25,000	22,000
Tol. Wal. Val. & O. R. R. "A", 1931, 4½%.....	85,000	84,150
Tol. Wal. V. & O. R. R. "B", 1933, 4½%.....	4,000	3,960
Un. Pac. R. R., 1 m. & l. g., 1947, 4%.....	100,000	97,000
Un. Pac. R. R. cv., 1927, 4%.....	10,000	9,100
Un. Depot, St. Louis, 1 1918, 6%.....	50,000	51,000
United N. J., rail & canal, ga., 1944, 4%.....	12,000	11,880
Virginian Ry., 1 1962, 5%.....	25,000	24,500
Wabash R. R., 1 ln. tm., 1954, 4%.....	50,000	38,000
Western Pa. gn. m. gt., 1928, 4%.....	50,000	50,000
W. Shore R. R., gt. 1 reg., 2361, 4%.....	50,000	46,500
W. Va. & Pitts. R. R., 1 1990, 4%.....	25,000	22,000
Com'wth-Edison, Chi., 1 1943, 5%.....	25,000	25,500
Mtge. Bd. of N. Y., 1966, 4%.....	63,000	52,920
N. Y. Gas & El. L. H. & Pow., 1 1948, 5%.....	34,000	35,700
Pac. Tl. & Tg., 1 1937, 5%.....	25,000	24,250
People's Gas Lt. & Coke, Chi., r., 1947, 5%.....	25,000	25,250
Underwriters Bldg., N. Y., 1928, 5%.....	21,000	21,000
Western Union Tg. f. & r. e., 1950, 4½%.....	50,000	46,000

Stocks.

Al. & W. Ry., g.....	15,000	19,650
N. Y. N. H. & H. R. R.....	55,000	30,250
Rensselaer & Saratoga R. R., gt.....	12,500	22,500
Gn. Adj. Bur., N. Y.....	150	150
So. Adj. Bureau.....	50	50
Underwriters Salvage, N. Y.....	1,000	1,500
Underwriters Salvage, Chicago.....	1,000	1,000

Totals (book value, \$5,765,588)..... \$5,860,700 \$5,452,370

MISCELLANEOUS: This company began business in the United States in 1871. The Commercial Union of N. Y., the Palestine of London, and the Union of London, and the Hand in Hand Underwriters of London are under the same management in this country. The December 31, 1913, home office statement of the Commercial Union shows capital subscribed, £2,950,000 and paid up, £295,000, with total assets of £24,902,252 (exclusive of trust business assets). Conflagration losses: Baltimore, 1904, \$384,115; San Francisco, 1906, \$2,469,525; San Francisco losses were paid by remittances from home office. Values of deposits: Va., \$52,000; Ga., \$10,000; N. M., \$10,000; Mass., \$100,000; O., \$100,000; N. Y., \$481,000.

UNITED STATES TRUSTEES: John Clafin, Richard J. Cross, F. B. Campbell.

FIELD MEN AND TERRITORY COVERED: A. H. Wray, United States manager; C. J. Holman and C. E. Porter, assistant managers; Wm. M. Ballard, branch secretary. Jurisdiction embraces all of the United States east of the Rocky Mountains. H. C. Eddy, Chicago, Ill., resident secretary; A. M. Nelson, assistant secretary; T. E. Mathews, agency superintendent for Western department, comprising Mich., O., Ind., Ill., Wis., Ia., Minn. and Mo. J. F. Edmonds, Denver, Colo., resident secretary; George Sherrick, assistant secretary for Northwestern department, comprising Kan., Neb., N. D., Okla., S. D., Colo., N. M., and Wyo. E. T. Niebling, San Francisco, Cal., manager Pacific Coast branch; R. C. Medcraft, assistant manager, covering Ore., Cal., Nev., Utah, Ariz., Wash., Mont., Ida., Alas., lower Cal. and Haw. Iids. L. Monroe & Sons, New Orleans, La., general agents for La.; E. A. Groover, Jacksonville, Fla., general agent for Fla.; Adams & Boyle, Little Rock, Ark., general agents for Ark.; R. D. Coughnour, Dallas, Tex., State agent for northern Tex.; E. B. Hopwood, adjuster for N. Y. C. and suburbs; W. T. Furness, Boston, Mass. general agent for New Eng. States. Special agents: W. R. Penrose, Hartford, Conn. for Conn.; R. N. Elwell, Exeter, N. H. for N. H.; A. J. Murphy, Boston, Mass., for balance of New Eng.; George S. Tompkins, Albany, N. Y., for eastern N. Y.; outside suburban district, James M. Hodges, Brooklyn, N. Y., for N. Y. suburban (except L. I.), and northern N. J.; Burt G. Wray, Patchogue, L. I. for L. I.; Frank W. Young, Syracuse, N. Y. for western N. Y.; Burling D. Prince, Philadelphia, Pa., for southern N. J. eastern Pa., Del., Md. and D. C.; W. R. Adams, Pittsburgh, Pa., western Pa., W. Va.; Hamilton Yancey, Rome, Ga. for northern Ga., northern Ala. and northern S. C.; Eugene M. Ransom, Columbus, Ga. for southern Ga., southern Ala. and southern

COMMERCIAL UNION ASSURANCE COMPANY, LTD., London, England.—Cont.

S. C.; E. A. Young, Richmond, Va. for N. C. and Va.; W. J. Gilsdorf, Lexington, Ky. for Ky. and Tenn.; R. E. L. Leiper, San Antonio, Tex. for southern Tex.; R. D. Coughanour, Dallas, Tex., State agent northern Tex. Western department special agents: W. F. Hawhurst, H. M. Carmichael, Detroit, Mich. for Mich.; A. M. Cole, I. E. Reiding, assistant, Alliance, O. for O.; W. O. Chamberlin, Minneapolis, Minn. for Minn.; J. C. Griffiths, Jr., Chicago, Ill. for Ill.; W. H. Harrison, Des Moines, Ia. for Ia. and northern Mo.; Donald D. Henry, Jefferson City, Mo. for Mo.; W. E. Atwater, Milwaukee, Wis. for Wis.; John Stone, Indianapolis, Ind. for Ind.; Chas. G. Stone, Chicago, Ill., special agent, Hand-in-Hand Underwriters. Northwestern department special agents: H. E. Seeds, Topeka, Kan. for Kan.; John Benson, Oklahoma City, Okla. for Okla.; H. W. Hicks, Fargo, N. D. for N. D.; Elmer F. Davis, Sioux Falls, S. D. for

S. D.; W. H. Cree, Colo., Wyo. and N. M.; George B. Gray, Fond-du-Lac, Wis. for northern Mich. and Wis., Hand-in-Hand dept.; W. H. Herman, Cleveland, O., for O. and southern Mich., Hand-in-Hand dept., Charles G. Stone, Minneapolis, Minn. for Minn., N. D. and S. D.; E. D. McCall, Omaha, Neb., general agent for Ia. and Neb.; E. T. Niebling, San Francisco, Cal., manager Pac. Coast Branch; R. C. Medcraft, assistant manager, covering Ore., Cal., Nev., Utah, Ariz., Wash., Mont., Ida., Alas., lower Cal. and Haw. Islds., Pacific Coast special agents: F. J. H. Manning, San Francisco, Cal.; Geo. F. Heuer, San Francisco, Cal.; A. E. Field, San Francisco, Cal.; John E. Congrove, supt. of agencies, San Francisco, Cal.; Geo. W. Swan, Seattle, Wash.; H. E. Parkhurst, Portland, Ore.; I. M. Fisher, Helena, Mont. (for Mont. and Utah); Walter H. Young, Los Angeles, Cal. The company operates in all the States and territories of the U.S.

FIRE REASSURANCE COMPANY, Paris, France.

United States Manager, B. N. Carvalho, Hartford, Conn.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,634,316	\$987,333	\$406,798	\$1,613,295	\$1,671,091	\$1,019,553	\$480,937	\$1,500,490	\$1,056,874	+\$11,213
1913	1,431,665	802,442	422,359	1,350,691	1,397,269	757,292	401,647	1,158,939	832,156	+15,343
1912	1,202,444	541,531	547,820	1,054,969	1,084,047	345,180	305,433	650,613	414,618	
1911	776,495	255,892	480,503	335,564	345,401	48,395	101,183	149,578	87,253	+568,966

ASSETS, DEC. 31, 1914.

Bonds	\$1,252,950
Cash	266,447
Bal. due from cos.	98,117
Interest	18,802

Total assets.....\$1,634,316

LIABILITIES, DEC. 31, 1914.

Losses unpaid	\$234,685
Unearned prem.	987,333
Other liabilities	5,500
Total liabilities	\$1,227,518
Surplus	406,798

Total.....\$1,634,316

Underwriting loss, \$103,822; investment profit, \$77,043.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$165,844,315; premiums thereon, \$1,811,228.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$4,364,518; losses paid, \$1,156,216.

BONDS OWNED:

	Par Value.	Market Value.
Cleveland, gn. sr., reg., 1928, 4½%	\$50,000	\$52,000
Cincinnati, viaduct, reg., 1936, 3½%	50,000	47,500
Cincinnati, park imp., reg., 1953, 4½%	5,000	5,300
N. Y. C. mun. purp., reg., 1960, 4½%	70,000	72,100
N. Y. C. wat. sup., reg., 1960, 4½%	130,000	133,900
N. Y. C. var. mun. purp., reg., 1960, 4½%	200,000	206,000
N. Y. C. g. op. stk., reg., 1963, 4½%	10,000	10,800
N. Y. St. canal imp., reg., 1957, 3½%	50,000	49,500
A. T. & S. Fe R.R., gn. m., 1995, 4½%	75,000	72,000
Atl. C. L. R.R., 1 ca. m., 1952, 4½%	50,000	47,000

BONDS OWNED.—Cont.

	Par Value.	Market Value.
B. & O. R.R., 1 m., 1948, 4½%	\$50,000	\$46,500
B. & O. R.R., prior ln., 1925, 3½%	25,000	23,000
Ches. & O. Ry., gn. m., 1992, 4½%	50,000	47,000
Chi., B. & Q. R.R., Ill. Div., 1949, 3½%	25,000	21,250
Erie R.R., prior ln., 1998, 4½%	25,000	21,000
Leh. Val. Ry., 1 m., 1940, 4½%	50,000	50,300
La. & Nashville R.R., unified, 1940, 4½%	75,000	72,000
N. Y. W. & B. Ry., 1 ca. m., 1946, 4½%	50,000	35,000
No. Pac. Ry., p. ln. Ry. & l. g., 1997, 4½%	50,000	47,500
Nor. & W. Ry., 1 ca. m., 1996, 4½%	25,000	24,000
Ore. R.R. & Nav., ca. m., 1946, 4½%	50,000	46,500
So. Ry., 1 ca. m., 1994, 5½%	25,000	26,250
Tex. & Pac. Ry., 1 m., 2000, 5½%	25,000	25,000
Un. Pac. R.R., 1 m., R.R. & l. g., 1947, 4½%	75,000	72,750

Totals (book value, \$1,271,065).....\$1,290,000 *\$1,254,250

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Deposit in Conn., \$210,000; in N. Y., \$200,000; in Ohio, \$105,000.

UNITED STATES TRUSTEE: Conn. Tr. & Safe Deposit Co., Hartford.

TERRITORY COVERED IN U. S.: Ark., Colo., Conn., Del., Ill., Ind., Ia., La., Mass., Mich., Miss., Mont., Nev., N. H., N. J., N. Y., N. C., O., Pa., Tex., Utah and W. Va.

FIRST RUSSIAN INSURANCE COMPANY, St. Petersburg, Russia.

United States Manager, Paul E. Rasor, New York. Organized, 1827.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,518,297	\$868,125	\$496,977	\$1,139,068	\$1,193,907	\$708,379	\$367,679	\$1,075,958	\$721,338	
1913	1,355,737	832,016	385,543	1,127,338	1,178,338	619,374	362,313	981,687	618,040	—\$200,000
1912	1,347,931	791,977	424,113	1,134,754	1,179,845	585,113	363,559	948,672	602,655	
1911	1,161,749	622,234	425,169	911,630	948,781	392,039	297,299	689,338	413,015	—75,000
1910	979,889	472,291	414,945	674,213	708,311	316,066	213,353	529,419	344,102	—70,000

ASSETS, DEC. 31, 1914.

Bonds and stocks	\$1,318,910
Cash	155,528
Agents' balances	33,070
Interest	10,789

Total assets.....\$1,518,297

LIABILITIES, DEC. 31, 1914.

Losses unpaid	\$125,941
Unearned prem.	868,125
Other liabilities	27,254
Total liabilities	\$1,021,320
Surplus	496,977

Total.....\$1,518,297

Underwriting profit, \$13,641; investment profit, \$97,793.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$168,598,103; premiums thereon, \$1,686,462.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$6,741,116; losses paid, \$3,259,589.

BONDS OWNED:

	Par Value.	Market Value.
U. S. Gov. reg. O., 1925, 4½%	\$100,000	\$111,000
N. Y. C. ep. stk., 1955-56, 4½%	934,000	924,660
N. Y. C. ep. stk., 1962, 4½%	275,000	283,250

Totals (book values, \$1,325,402).....\$1,309,000 \$1,318,910

MISCELLANEOUS: This company was licensed to transact business in N. Y. State early in 1907 and writes reinsurance only in the United States. Paul E. Rasor is also manager of the Russian Reinsurance Company and the Moscow Fire Insurance Company. Deposit in N. Y., \$223,000; in O., \$100,000.

UNITED STATES TRUSTEE: Bankers Tr. Co., N. Y.

TERRITORY COVERED: The company is licensed in Ark., Colo., Del., Ill., Ia., La., Mass., Mich., Miss., Mont., Nev., N. H., N. Y., N. C., O., Pa., Tex. and W. Va.

LA FONCIERE INSURANCE COMPANY, Paris, France.†

General Agents, H. R. Mann & Co., San Francisco, Cal.; Agents Bertschmann and Maloy, New York. Organized, 1879.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$241,927	\$6,638	\$214,201	\$28,203	\$37,331	\$14,487	\$9,159	\$23,646	\$27,327	—\$8,560
1913	227,861	7,676	212,085	39,690	49,741	31,919	12,807	44,726	25,715	—6,320
1912	227,500	8,399	205,087	40,771	49,865	7,204	12,847	20,051	13,458	—25,779
1911	235,059	10,462	216,627	41,385	50,439	28,864	13,164	42,028	18,795	—9,782
1910	236,491	8,417	210,809	38,691	47,777	18,221	11,959	30,180	22,396	—18,231

† Transacts marine business.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$222,750	Losses unpaid	\$30,328
Cash	11,969	Unearned premiums	6,638
Agents' balances	4,910	Other liabilities	760
Interest	1,500		
Other assets	798	Total liabilities	\$27,726
		Surplus	214,201
Total assets	\$241,927	Total	\$241,927

Underwriting loss, \$7,402; investment profit, \$18,128.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$426,222; premiums thereon, \$11,852.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$1,065,158; losses paid, \$812,982.

BONDS OWNED:		Par Value.	Market Value.
New York Cy., cp. stk., 1956, 4%.....		\$200,000	\$198,000
New York Cy., cp. stk., 1955, 4%.....		25,000	24,750
Totals (book value, \$226,000).....		\$225,000	\$222,750

MISCELLANEOUS: This company transacts a marine business in the United States. Its home office statement as of December 31, 1913, showed assets amounting to \$5,602,831 and a capital of \$5,000,000, \$1,250,000 of which is paid up. It entered N. Y. State in 1907, making the usual statutory deposit. Bertschmann and Maloy are also agents of the General Marine and the Swissland General Insurance Companies.

FRANKONA REINSURANCE COMPANY, Frankfort-on-the-Main, Ger.

United States Manager, C. H. Franklin, New York. Incorporated 1896.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$864,218	\$460,475	\$291,794	\$782,188	\$809,248	\$305,093	\$219,895	\$524,993	\$388,030	—\$13,853
1913	530,388	197,408	331,485	276,304	299,021	146,159	83,218	231,377	152,908	—55,186
1912	563,666	163,205	372,687	235,519	256,705	100,101	72,505	172,606	88,965	—24,543
1911	528,366	119,666	351,252	27,222	27,715	29,473	11,117	40,590	37,941	+ 23,029

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds	\$572,000	Losses unpaid	\$109,449
Cash	237,688	Unearned premiums	460,475
Agents' balances	—3,691	Other liabilities	2,500
Interest	8,221		
		Total liabilities	\$572,424
		Surplus	291,794
Total assets	\$864,218	Total	\$864,218

Underwriting loss, \$87,173; investment profit, \$38,856.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$73,695,566; premiums thereon, \$961,730.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$1,321,233; losses paid, \$572,999.

BONDS OWNED:		Par Value.	Market Value.
N. Y. State loan, highway		\$100,000	\$102,000
N. Y. State Ln., canal		100,000	102,000
N. Y. Cy., cp. stk.		100,000	101,000
Cy. of Cleveland		100,000	101,000
Del. & Hudson		50,000	49,000
Union Pac.		25,000	22,500
Colo. & So.		25,000	23,750
No. Pac.		25,000	23,000
B. & O.		25,000	23,500
Cent. Pac. R.R.		25,000	25,000
Totals (book value, \$573,496).....		\$575,000	\$572,000

MISCELLANEOUS: The capital of this company is \$2,000,000. Deposits: N. Y., \$200,000; O., \$100,000.

U. S. TRUSTEE: Bankers Trust Co., New York.

TERRITORY COVERED: The company is licensed in Ark., Cal., Del., Ill., Ind., Ia., La., Me., Mass., Mich., Miss., Mont., Nev., N. H., N. J., N. Y., N. C., O., Pa., Tex., Utah and W. Va.

GENERAL FIRE ASSURANCE COMPANY, Paris, France.

United States Managers, Fred S. James & Co., New York. Organized, 1819.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$836,739	\$375,815	\$389,063	\$448,413	\$476,727	\$313,437	\$178,695	\$492,132	\$310,661	-9,043
1913	839,981	343,497	432,126	380,562	408,647	301,936	154,964	356,900	221,498	-7,393
1912	846,841	306,105	474,032	400,970	425,903	150,795	155,333	307,128	151,949	-19,412
1911	748,360	221,550	483,788	315,716	336,749	68,574	98,157	166,731	84,728	-19,018
1910	597,391	55,856	528,759	95,326	105,553	4,138	35,716	39,854	9,476	+320,700

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$674,090	Losses unpaid	\$47,912
Cash	85,805	Unearned prems.	375,815
Agents' balances	67,460	Other liabilities	23,959
Interest	9,384		
		Total liabilities	\$447,686
		Surplus	389,063
Total assets	\$836,739	Total	\$836,739

Underwriting loss, \$77,328; investment profit, \$43,502.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$77,413,972; premiums thereon, \$704,104.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$1,609,452; losses paid, \$729,247.

BONDS OWNED:		Par Value.	Market Value.
Cincinnati, O., reg., 1925, 3 1/4%		\$74,000	\$71,780
Cincinnati, O., reg., 1936, 3 1/4%		31,000	29,450
N. Y. City, reg., 1969, 4%		31,000	31,000
N. Y. City, reg., 1969, 4%		170,000	170,000
N. Y. City, reg., 1967, 4%		10,000	10,000
B. & O. R.R., pr or ln. g., 1925, 3 1/4%		98,000	90,180
B. & O. R.R., prior ln. reg. g., 1925, 3 1/4%		10,000	9,200
C. N. E. Ry., 1 m. g., 1961, 4%		5,000	3,850
C. N. E. Ry., 1 m. reg. g., 1961, 4%		20,000	15,400
Chi. B. & Q. R.R., m., 1949, 3 1/4%		56,000	47,600
Ill. C. R. R., reg. r. m. g., 1955, 4%		25,000	23,000

BONDS OWNED.—Cont.		Par Value.	Market Value.
M. S. & Nwn. Ry., 1 m. reg. g., 1947, 4%		\$25,000	\$23,000
So. Pac. R.R., 1 r. m. g., 1955, 4%		110,000	101,200
Un. Pac. R.R., 1 ln. & r. m. g., 2008, 4%		51,000	48,450
Totals (book value, \$679,956)		\$716,000	\$674,090

MISCELLANEOUS: This company entered the United States July 14, 1910. Its latest home office statement showed total assets amounting to \$7,186,678, the paid-up capital being \$400,000. Deposits, N. Y., \$211,000; O., \$105,000.

UNITED STATES TRUSTEE: Central Trust Co., New York.

FIELD MEN AND TERRITORY COVERED: U. S. manager Fred S. James & Co., assistant manager, E. E. Wakefield; superintendent of agencies, C. B. G. Gaillard; John B. Guthrie, special agent, 219 E. German st., Baltimore, Md., Pa., Md. W. Va. and N. J.; Chas. E. Macomber, special agent, 85 Water st., Boston, Mass., for N. England, D. C. and N. Y.; Milton P. Vore, special agent, 178 W. Jackson Blvd., Chicago, Ill. for Ill., Ind., Ky., Mich., Minn., O., Wis., Mo., Kan., Neb. and Colo.; F. E. Shaw, supervising general agent for Can., Toronto, Can.; Pace, Harrison & Millar, general agents, Winnipeg, Man., Can., Prov. of Man., Alberta, Sask., B. C. and W. Ont.; Laurin, Ltd., general agent, Montreal, Que., Can., Montreal and vicinity, Prov. of Que.; J. B. Morrisette, local general agent at Quebec. The company operates in Colo., Conn., D. C., Ill., Ind., Ia., Kan., Ky., La., Md., Mass., Mich., Minn., Mo., Neb., N. J., N. Y., O., Ore., Pa., R. I., Wash., W. Va. and Wis. Also in Canada.

GENERAL MARINE INSURANCE COMPANY, Dresden, Saxony.†

U. S. Manager, Max Grundner, New York.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$240,626	\$885	\$222,662	\$60,677	\$69,799	\$60,306	\$18,493	\$78,799	\$56,061	-89,136
1913	250,069	3,105	229,237	92,894	102,155	64,265	39,551	103,816	50,078	-7,840
1912	259,625	4,637	218,974	118,503	129,623	96,173	39,842	136,015	84,075	-73,453
1911	347,189	23,512	266,804	146,144	159,107	82,439	55,617	138,056	59,033	-52,256
1910	375,530	73,717	221,536	271,004	271,345	136,894	73,306	210,200	173,962	+46,316

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
N.Y.C. Bds., 1954, 3 1/4%		Losses unpaid	\$11,195
% and stocks	\$220,000	Unearned prems.	885
Cash	11,636	Other liabilities	5,894
Agents' balances	7,532		
Interest	1,458	Total liabilities	\$17,964
		Surplus	222,662
Total assets	\$240,626	Total	\$240,626

Underwriting loss, \$13,775; investment profit, \$16,337.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$280,081; premiums thereon, \$385.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$6,842,802; losses paid, \$3,282,451.

MISCELLANEOUS: This company is under the joint management in New York of Jacob Bertschmann and Max Grundner, but elsewhere in the United States is under the management of Max Grundner.

FIELD MEN AND TERRITORY COVERED: The company is licensed in Cal., Ill., Ia., Md., N. Y., Pa. and Tex.

† Transacts marine business.

HAMBURG ASSURANCE COMPANY, Hamburg, Germany.

United States Managers, Mutsenbecher & Ballard, Inc., 80 Maiden Lane, N. Y. Organized, 1897.

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$4,183,486	\$3,101,859	\$586,544	\$5,823,581	\$5,892,740	\$1,532,063	\$1,049,206	\$2,581,259	\$1,997,903	+\$325,530

Assets, Dec. 31, 1914.

LIABILITIES Dec. 31, 1914..

Bonds	\$3,682,550	Losses unpaid	\$485,083
Cash	392,157	Unearned premiums	3,101,859
Agents' balances	65,712	Other liabilities	10,000
Interest	43,067		
		Total Liabilities	\$3,596,942
		Surplus	\$586,544
Total assets	\$4,183,486	Total	\$4,183,486

Underwriting loss, \$352,194; investment profit, \$113,806.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$35,352,728; premiums thereon, \$5,842,526.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$5,823,581; losses paid, \$1,512,820.

BONDS OWNED:

	Par Value.	Market Value.
Aetna, O., reg. 1920, 4½%	\$75,000	\$75,750
Aetna, O., Wat. Wks., ext. & imp., c., 1924, 5½%		
Albany, N. Y., reg., 1916, 4½%	25,000	27,250
Bethlehem, N. Y., wat. reg., 1919, 4½%	37,500	37,500
Bethlehem, N. Y., wat. reg., 1919, 4½%	25,000	25,500
Clev. O., st. imp. reg., 1934, 4½%	25,000	26,250
Houston, Tex., c., 1918, 4½%	25,000	25,000
Jefferson Co., N. Y., hgw. imp., reg., 1915, 5½%		
Los Angeles, Cal., wat., c., 1915, 4½%	50,000	51,000
Los Angeles, Cal., wat., c., 1918, 4½%	50,000	50,000
Los Angeles, Cal., wat., c., 1918, 4½%	25,000	25,000
Minneapolis, Minn., c., 1916-17, 4½%	63,000	63,000
N. Y. Cy., cp. stk., 1915, 6½%	50,000	50,000
N. Y. Cy., rev., 1916, 6½%	50,000	51,000
N. Y. Cy., Ft. Wash. Pl., 1918, 3½%	30,000	29,400
N. Y. Cy., rep. Ave. A, 1920, 3½%	100,000	95,000
N. Y. Cy., dock reg., 1921, 3½%	85,000	79,900
Omaha, Cy., Neb., r., c., 1918, 4½%	30,000	29,700
Portland, Ore., wat., c., 1936, 4½%	50,000	48,500
San Diego, Cal., wat., c., 1918, 4½%	25,000	24,750
San Fran., Cal., c., 1915, 4½%	20,000	20,000
San Fran., Cal., exp., 1917, 5½%	30,000	30,300
Yazoo, N. Y., reg., 1917, 5½%	100,000	102,000
Atch. T. & S. P. Ry., cv., 1917, 5½%	125,000	126,250
B. & Alb. Ry., reg., 1916-8, 4½%	75,000	75,000
B. N. Y. & E. R.R., 1 m., 1916, 7½%	50,000	52,000
B. & W. R.R., 1 m., 1918, 5½%	15,000	15,150
Cent. Pac. Ry., m., 1929, 3½%	50,000	45,500
Chi. & A. R.R., eq., 1916, 4½%	25,000	24,500
C. & E. H. R.R., r. & imp., 1955, 4½%	25,000	6,250
C. & Nwa. Ry., cv. s. f., 1915, 7½%	210,000	210,000
C. & Nwa. Ry., eq. tr., 1915, 4½%	25,000	25,000
C. & Nwa. Ry., d. 1921, 5½%	25,000	20,750
C. & Nwa. Ry., gn. m., 1967, 3½%	25,000	20,750
C. B. & Q. R.R., la. Div., 1919, 5½%	25,000	26,000
C. M. & St. P. Ry., cv., 1932, 4½%	50,000	51,000
Chi. Ry., 1 m., 1927, 5½%	50,000	49,500
C. R. I. & P. R.R., 1 m., 1917, 6½%	20,000	20,800
C. R. I. & P. R.R., 1 r. m., 1934, 4½%	25,000	18,000
Ch. St. P. M. & O. Ry., d., 1930, 5½%	25,000	25,500
Del. & Had. Co., d., 1916, 4½%	100,000	99,000

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Erie R.R., eq. g. n., 1916, 5½%	25,000	25,250
Erie R.R., eq. n., 1919, 5½%	15,000	15,300
Erie R.R., ca. m., 1920, 7½%	25,000	28,000
Erie R.R., eq. n., 1921, 5½%	10,000	10,200
Fla. E. Coast R.R., 1 m., 1959, 4½%	25,000	22,750
Ill. Cent. R.R., r. m., 1955, 4½%	25,000	23,000
Kan. Cy. So. Ry., eq. n., 1916, 5½%	25,000	25,000
L. Sh. & Mich. So. Ry., n., 1915, 5½%	50,000	50,000
L. Sh. & Mich. So. Ry., n., 1928, 4½%	25,000	23,500
Leb. Val. R.R., col. tr., 1915, 4½%	50,000	50,000
L. & N. R.R., eq., 1916, 5½%	40,000	40,500
L. & N. R.R., unified m., 1940, 4½%	25,000	24,000
Man. Ry., ca. m., 1900, 4½%	50,000	46,500
Morris & Essex R.R., 1 ca. m., 1915, 7½%	65,000	66,650
Morris & Essex R.R., 1 ca. m., reg., 1915, 7½%	35,000	35,350
N. Y. C. Lines, eq. tr., 1915, 4½%	50,000	50,000
N. Y. El. R.R., d., 1916, 5½%	20,000	20,200
N. Y. L. E. & W. R.R., 1 ca. m., 1920, 7½%	25,000	27,500
Norfolk & W. Ry., eq. tr., 1919, 4½%	50,000	50,000
Norfolk & W. Ry., cv., 1932, 4½%	15,000	15,750
No. P. Gt. No. C. B. & Q. Jt., 1921, 4½%	150,000	145,500
Nwn. Un. Ry., 1 m. s. f., 1917, 7½%	50,000	53,500
Pa. R.R., cv., 1915, 3½%	225,000	225,000
R. I. Imp., eq., 1915, 4½%	25,000	26,000
St. P. & Sioux City R.R., 1 m., 1919, 6½%	25,000	26,750
Scioto Val. & N. E. R.R., 1 m., 1989, 4½%	25,000	23,500
S. & N. A. R.R., ca. m., 1936, 5½%	50,000	53,500
So. Pac. R.R., cv., 1929, 4½%	50,000	43,000
Un. Pac. R.R., cv., 1927, 4½%	50,000	45,500
W. & St. P. R.R., 1 m. s. f., 1916, 7½%	35,000	37,100
Amer. Tl. & Tg., col. tr., 1929, 4½%	150,000	133,500
Ayer Mills, Const. & Eq., 1916, 4½%	25,000	24,250
Chi. Tl., 1 m., 1923, 5½%	25,000	25,250
Clev. Tl., 2 yr. n., 1916, 5½%	25,000	25,000
Cumberland Tl. & Tg., n., 1916, 5½%	25,000	25,000
International Harv., g. n., 1915, 5½%	50,000	50,000
Laclede Gas Lt., 1 m., 1919, 5½%	20,000	20,400
Leb. & Wilkesb. Coal, ca. m., 1916, 4½%	25,000	25,000
Mo. & Kan. Tl., n., 1916, 5½%	25,000	25,000
Neb. Tl., n., 1916, 5½%	25,000	25,000
N. Y. Tl. Co., 1 & gn. m., 1939, 4½%	20,000	19,600
Pac. Tl. & Tg., 1 m. & col. tr. s. f., 1937, 5½%	25,000	24,250
United Fruit, n., 1917, 6½%	25,000	25,250
U. S. Rubber co. tr., 1918, 6½%	25,000	26,750
Totals (book value, \$3,678,469)	\$3,740,500	\$3,682,550

MISCELLANEOUS: This company entered the United States and was licensed to do business in N. Y. State, March 12, 1914. Dec. 31, 1913, its home office statement showed assets of \$18,336,804; capital subscribed, \$2,500,000, of which \$1,000,000 was paid up; capital reserve fund, \$687,500 and profit balance of \$166,567. Its charter provides for fire reinsurance and it transacts such business throughout the United States.

U. S. TRUSTEE: N. Y. Life Ins. & Trust Co., N. Y.

HAMBURG-BREMEN FIRE INSURANCE COMPANY, Hamburg, Germany.

United States Manager, H. N. Kelsey, New York. Organized, 1854.
(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$1,576,636	\$1,116,284	\$560,247	\$1,094,286	\$1,153,452	\$724,378	\$514,624	\$1,239,002	\$772,928	+\$2,484
1913	1,944,015	1,232,415	580,145	1,299,915	1,370,004	784,296	562,493	1,346,789	749,101	+4,671
1912	1,963,902	1,216,421	555,978	1,342,273	1,410,087	841,003	555,725	1,396,728	806,392	+7,735
1911	1,970,915	1,172,917	566,955	1,351,971	1,423,050	820,499	534,553	1,355,052	874,158	-70,916
1910	1,965,139	1,154,793	663,443	1,390,849	1,461,438	768,347	537,372	1,305,719	803,292	-111,419

HAMBURG-BREMEN FIRE INSURANCE COMPANY, Hamburg, Germany.—Cont.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds	\$1,578,835	Losses unpaid	\$165,005
Cash	79,016	Unearned premiums	1,116,384
Agents' balances	195,785	Other liabilities	35,000
Interest	23,000		
		Total liabilities	\$1,316,389
		Surplus	560,247
Total assets	\$1,876,636	Total	\$1,876,636

Underwriting loss, \$97,963; investment profit, \$95,581.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$204,376,990; premiums thereon, \$2,207,342.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$43,348,949; losses paid, \$28,344,697;

BONDS OWNED.		Par Value.	Market Value.
Ga. State, 1915, 4%		\$10,000	\$10,000
N. C. State red., 1950, 4%		10,000	10,000
Charleston, S. C., 1938, 4%		5,000	4,900
Cincinnati, O., gn. st. imp., 1927, 3 1/2%		50,000	48,500
Cleveland, O., bg., 1942, 4 1/2%		55,000	58,300
N. Y. C. g., 1940-52, 3 1/2%		120,000	106,200
N. Y. C. ep. st., 1955, 3 1/2%		100,000	88,000
N. Y. C. g., 1957, 4 1/2%		50,000	53,500
Providence, R. I., g., 1923, 4%		25,000	25,000
Richmond, Va., 1922, 5%		15,000	15,450
Richmond, Va., 1924-5, 4%		18,000	15,485
A. T. & S. F. R.R., gn. m. g., 1995, 4%		50,000	48,000
B. & O. R.R., prior ln. g., 1925, 3 1/2%		50,000	46,000
Beech Creek R.R., gr. 1 m. g., 1936, 4%		20,000	19,000
B. & P. R.R., ep., 1918, 4%		30,000	28,800
Cent. of Ga. R.R., 1 m. g., 1945, 5%		30,000	32,400
C. Pac. Ry., 1 r. m. g., 1949, 4%		50,000	47,000
Ch. & O. Ry., ca. 1 m. g., 1939, 5%		30,000	32,100
C. & A. Ry., 1 ln. g., 1950, 3 1/2%		30,000	12,900
C. B. & Q. R.R., Ill. Div. m. g., 1949, 4%		25,000	23,750
C. M. & St. P. R.R. C. & P.W. Div. 1 m. g., 1921, 5%		30,000	31,200
C. J. St. L. & C.R.R., gn. 1 m. g., 1936, 4%		25,000	22,750
Denv. & Rio G. R.R., ca. 1 m. g., 1936, 4%		50,000	40,000
E. Tenn. Va. & Ga. R.R. co. m. g., 1956, 5%		30,000	32,400
Erie R.R., prior ln. g., 1996, 4%		50,000	42,000
Hocking Val. Ry., ca. 1 m. g., 1999, 4 1/2%		50,000	50,500
Ill. C. R.R., 1 m. g., 1951, 3 1/2%		50,000	42,500
Lake Erie & W. R.R., 1 m. g., 1937, 5%		30,000	30,800
L. I. R.R., ca. 1 m. g., 1931, 5%		30,000	32,100
La. & Ark. Ry., 1 m. g., 1927, 5%		20,000	17,800
La. & Nashville R.R., 1 m. g., 1937, 5%		30,000	33,300
Mo., Kan. & T.R.R., 1 m. g., 1990, 4%		50,000	43,500
Mo. Pac. Ry., tr. g., 1917, 5%		10,000	9,500
N. & W. Ry. ca. 1 m. g., 1996, 4%		30,000	28,800
N. P. R.R., pr. ln. Ry. & l. g., 1997, 4%		30,000	28,500
Ore. Ry. & Nav. co. m. g., 1946, 4%		40,000	37,200
Ore. S. L. R.R., ca. 1 m. g., 1946, 5%		20,000	21,800

BONDS OWNED.—Cont.		Par Value.	Market Value.
Pa. Co. gr. 1 m. g., 1921, 4 1/2%		\$30,000	\$30,600
Pa. R.R., co. m. g., 1943, 4%		15,000	15,000
Pa. R.R., co. m. g., 1919, 5%		10,000	10,400
P. C. C. & St. L. R.R., gr. co. m. g., 1940, 4 1/2%		30,000	30,900
R. Co. & P. & R. C. & L., gn. m. g., 1997, 4%		50,000	47,500
St. L. & San F. R.R., gn. m. g., 1931, 5%		25,000	25,500
St. P. M. & M. R.R., ca. 1 m. g., 1933, 4 1/2%		30,000	31,200
S. Val. & N. E. R.R., gr. 1 m. g., 1989, 4%		40,000	37,900
Un. Pac. R.R., 1 m. & l. g. g., 1947, 4%		30,000	29,100
Wabash R.R. 1 m. g., 1939, 5%		50,000	51,500

Totals (book value, \$1,538,414)..... \$1,656,000 \$1,578,638

MISCELLANEOUS: This company began business in the United States in 1858. On January 1, 1914, its home office statement showed assets of 16,335,183 marks, its paid-up capital being 6,000,500 marks (including 3,531,000 marks stockholders notes). Confiscation losses: Baltimore, 1904, \$103,150; San Francisco, 1906, \$1,612,201. San Francisco losses were paid by remittances from home office. Values of special deposits: Ga. \$10,000; N. C., \$10,000; Va., \$30,935.

UNITED STATES TRUSTEES: William Schall, Jr., Henry R. Kunhardt, John Achelis, Henry A. Caesar, Gustav Schwal New York.

FIELD MEN AND TERRITORY COVERED: H. N. Ke sey, 123 William st., N. Y., manager in U. S.; G. Ascherman secretary. Territorial jurisdiction of U. S. head office, entia U. S. M. F. Bartlett, Waterville, Me., special agent for Me. as N. H.; H. E. Burns, Boston, Mass., special agent for Conn. Mas and R. I.; John M. Dom, Pittsburg, Pa., special agent for wester Pa., western N. Y. and Md.; J. J. Garland, New York City special agent for N. Y. suburban territory; C. B. Patterson Columbus, O., special agent for O. and W. Va.; Chas. H. Phi brook, New York City, special agent for eastern Pa., Del., N. and eastern N. Y.; Henry Hoffman, Chicago, Ill., special age for Ill., southern Wis. and northern Mich.; Wm. A. Jack, Kans City, Mo., state agent, Chas. Brough, assistant state agent k Mo. and Kan.; Elwood T. Johnson, Minneapolis, Minn., spee agent for Minn., N. D. and northern Wis.; J. O'Brien Kirby Grand Haven, Mich., state agent for Mich. (lower peninsula and Ind.; Ernest J. Miller, Denver, Colo., state agent for Col and Wyo.; Wm. J. Nolan, Ins. Exch., Chicago, Ill., State agent k Ill., Mich., Minn., N. D. and Wis.; John L. Smith, Louisville, Ky., special agent for Ky. and Tenn.; John W. Gordon, Rel mond, Va., general agent for D. of C., N. C. and Va.; Pattilo Bickerstaff, Atlanta, Ga., general agents for Ala., Fla., Ga. and C.; Leon Irwin & Co., New Orleans, La., general agents for La J. G. Hornberger, San Antonio, Tex., general agent for Ter Tom E. Earp, Ardmore, Okla., special agent for Ark. and Okl MacDonald & Miles, San Francisco, Cal., managers Pacific Cos dept., embracing Ariz., Cal., Idaho, Mont., Nev., Ore., Utah s Wash. Ernest C. Folsom, Lincoln, Neb., special agent for Ne The company operates in all the States and territories except Mis N. M., S. D. and Vt.

INDEMNITY MUTUAL MARINE ASSURANCE COMPANY, Ltd., London, England.†

United States Attorneys, Higgins & Cox, New York. Organized, 1824.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	Remit: H. O.
1914	\$529,891	\$107,251	\$351,965	\$371,723	\$388,264	\$190,457	\$71,445	\$261,902	\$185,740	\$80.1
1913	490,304	95,571	328,263	320,395	335,445	202,135	80,468	282,603	195,217	54.4
1912	499,219	87,123	294,445	347,978	362,649	137,190	61,339	198,529	170,755	113.1
1911	463,517	68,122	328,273	339,488	356,819	139,015	46,100	185,115	132,160	168.1
1910	463,038	117,925	289,322	413,494	432,574	214,151	43,348	257,499	135,278	202.1

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds	\$349,900	Losses unpaid	\$55,675
Cash	136,519	Unearned premiums	107,251
Agents' balances	50,656	Other liabilities	15,000
Interest	3,216		
		Total liabilities	\$177,926
Total	\$540,291	Surplus	351,963
Spl. dep. over liab.	10,400		
Total ad. assets	\$529,891	Total	\$529,891

Underwriting profit, \$91,745; investment profit, \$22,522.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$9,666,506; premiums thereon, \$198,907.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$7,115,032; losses paid, \$4,707,344.

BONDS OWNED:		Par Value.	Mar. Val.
N. Y. ep. st., 1936, 4%		\$200,000	\$198.6
N. Y., ep. st., 1963, 4 1/2%		15,000	16.1
Ill. Cent. R.R., col. tr. l. n. o. t., 1933, 4%		50,000	45.1
N. Y. & P. R.R., 1 co. m., 1993, 4%		50,000	43.1
Balto. & O. R.R., prior ln., 1925, 3 1/2%		40,000	36.1
Winn. Gn. Hosp., 1 m., 1944, 5%		10,000	10.1

Totals (book value, \$370,900)..... \$365,000 \$319.1

MISCELLANEOUS: This company began business in United States in 1839. It has a deposit with trustees, \$140, in addition to the deposit with the New York State Insura Department. Deposit in Man., Can., \$10,400. Its home of statement (December 31, 1913) showed surplus over capital; all other liabilities \$4,859,622, the paid-up capital being, \$1,005.

UNITED STATES TRUSTEES: Herbert Appleton, Dom F. Cox.

TERRITORY COVERED: The company is licensed in A Cal., Colo., D. C., Ill., Ind., Ia., La., Md., Mich., Minn., Miss. s Neb., N. J., N. Y., Pa., Tenn., Tex., Wash. and Wis.

† Transacts marine insurance only.

United States Managers, Mutzenbecher & Ballard (Inc.), New York.
(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	Remit from H. O.
1914	\$74,808	\$304,830	\$411,411	\$693,696	\$717,424	\$178,746	\$214,842	\$393,588	\$221,749	—\$16,838
1913	\$54,068	\$7,805	\$55,179	\$3,901	\$34,668		281	281	—11,919	

ASSETS, DEC. 31, 1914.

LIABILITIES, DEC. 31, 1914.

Bonds and stocks...	\$734,045	Losses unpaid.....	\$59,467
Cash.....	127,375	Unearned prems.....	394,830
Agents' balances.....	5,006	Other liabilities.....	9,100
Interest.....	8,382		
		Total liabilities.....	\$463,397
		Surplus.....	411,411
Total assets.....	\$874,808	Total.....	\$874,808

Underwriting loss, \$62,236; investment profit, \$39,306.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$50,344,056; premiums thereon, \$698,404.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$727,597; losses paid, \$176,557.

BONDS OWNED:

BONDS OWNED:	Par Value.	Market Value.
Chicago, Ill., Idem't's, c., 1919, 4%....	\$10,000	\$9,900
Chi. Ill. sr. c., 1921, 4%.....	15,000	14,850
Chicago, O., p. st. reg., 1935, 3 1/2%.	11,000	10,240
Cincinnati, B. m. reg., 1935, 3 1/2%.	150,000	139,500
Reu. Bonds, N. Y., ann. imp. reg., 1917-20, 4%.....	25,000	25,300
N. Y. N. Y., cp. reg., 1935, 4%.....	255,000	252,460
Pittsburgh, Pa., c., 1918, 4 1/2%.....	30,000	30,300

BONDS OWNED.—Cont.

	1922-37	1917-21
Pittsburgh, Pa., serial, c., 1922, 41%.....	\$15,000	\$15,150
Portland, Ore. wat. l. c., 1917, 5%.....	14,000	14,280
San Diego, Cal., pk. imp. f., 1918-20, 44%.....	20,000	24,750
San Fran., Cy. & Co. of mun. stry., 1922-37, 5%.....	50,000	51,255
Yonkers, N. Y., reg., 1916, 5%.....	25,000	25,250
Youngstown, O. mun. c., 1917-21, 5%.....	25,000	25,620
C. B. & C. R. R. g. n. m., 1958, 4%.....	15,000	14,100
Un. Pac. R. R., 1 in. & r. m., 2008, 4%.....	35,000	33,250
Am. Tg. & Tl. col. tr., c., 1929, 4%.....	25,000	22,250
Laclede Gas Lt. l. m., g., 1919, 5%.....	25,000	25,500

Totals (book value, \$717,662).....	\$750,000	\$734,045
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MISCELLANEOUS: This company formerly transacted a casualty reinsurance business in the United States, but in 1913 it changed its charter and is now licensed to do a fire reinsurance business only. Home office statement Dec. 31, 1913, shows a capital of \$500,000, a capital reserve fund of \$120,000 and a profit balance of \$68,562.

U. S. TRUSTEE: N. Y. Life Ins. & Trust Co.

TERRITORY COVERED: The company is licensed in Ark., Colo., Del., Ill., Ia., La., Mass., Mich., Miss., Mont., Nev., N. H., N. J., N. Y., N. C., O., Pa., Tex., Utah and W. Va.

United States Managers, Mutsenbecher & Ballard, Inc., New York. Organized, 1872.
(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$2,554,353	\$2,004,553	\$480,479	\$2,822,425	\$2,984,652	\$1,709,249	\$927,006	\$2,696,355	\$1,823,572	-\$75,574
1915	2,811,069	1,506,219	696,943	2,502,350	2,606,811	1,619,569	720,427	2,339,996	1,594,909	-125,000
1916	2,496,135	1,675,839	505,052	2,559,276	2,634,876	1,218,930	766,908	1,985,838	1,273,073	-75,000
1917	1,942,382	1,249,556	465,652	1,895,718	1,961,930	1,070,390	536,691	1,607,081	1,081,391	-180,000
1918	1,760,382	1,070,388	474,786	1,779,561	1,830,555	813,192	480,972	1,294,164	861,112	-90,000

Assn. Dec. 31, 1914.

LIABILITIES, Dec. 31, 1914.

Bonds	\$2,408,285	Losses unpaid	\$361,321
Cash	262,281	Unearned prems.	2,004,583
Agents' balances	152,047	Other liabilities	10,000
Interest	33,760		
		Total liabilities	\$2,875,874
		Surplus	480,479
Total assets	\$2,856,353	Total	\$2,856,353

Underwriting loss, \$273,695; investment profit, \$133,804.

RISKS AND PREMIUMS: Fire risks in force, December 31, 1946, \$113,540; premiums thereon, \$3,759,085.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$13,006,540; losses paid, \$6,701,532.

BONDS OWNED:

BONDS OWNED:		Par Value.	Market Value.
Albion, O. reg. 1919, 4 1/2%		\$25,000	\$25,250
Baltimore, Md., cr. imp. l. reg. 1961, 4%		50,000	49,000
Boston, Mass., pub. pk. est. reg. 1918, 4%		35,000	35,000
Boston, Mass., reg. 1923, 3 1/2%		50,000	47,000
Buffalo, N. Y., grade cr. reg. 1917, 3 1/2%		15,000	14,850
Buffalo, N. Y., wat. reg. 1959, 4%		50,000	48,500
Buffalo, N. Y., pk. reg. 1961, 4%		50,000	48,500
Chicago, Ill., hy. co., 1919, 4 1/2%		25,000	24,750
Chicago, Ill., C. Hank. co., 1920, 4%		25,000	24,750
Chicago San. Dis. comm., c. 1915-16, 4%		50,000	50,000
Cleveland, O. reg. 1916, 5%		50,000	50,000
Cook Co., Ill. reg. 1918, 4%		25,000	25,000
Dayton, O. reg. 1923, 5%		25,000	26,500
1 Side Lev. & San. Dis. E. St. L., Ill., c. 1917, 5%		20,000	20,000
Ill. Reg. 1917, 5%		20,000	20,000
Ill. Reg. 1917, 5%		25,000	23,000

BONDS OWNED.—Cont.

Pa. State, c. 1915, 34%.....	\$25,000	\$25,000
Glens Falls, N.Y., sr. f., reg., 1923-25, 44%.....	25,000	25,750
Grand Rap., Mich., wat. ext., reg., 1924, 4%.....	50,000	48,000
Hartford, Conn., mun. g., reg., 1933, 44%.....	25,000	26,250
Hudson Co., N. J., bq. c., 1939, 44%.....	75,000	77,250
Jamestown, N. Y., wat. reg., 1915-17, 44%.....	22,500	22,575
Jersey City, N. J., hosp. g., c., 1935, 4%.....	50,000	48,500
Kansas Cy. Mo., g. c., 1930, 44%.....	50,000	51,500
King Co., Wash., harb. g. c., 1931, 44%.....	25,000	24,750
Lewiston, Me., wat. loan, c., 1917, 5%.....	20,000	20,400
Los Angeles, Cal., harb. imp., reg., 1931-36, 44%.....	50,000	50,500
La. State, g. c., 1915-6, 44%.....	100,000	100,000
Memphis, Tenn., pol. sta. & fire eng. hse., c., 1930, 44%.....	25,000	25,000
Minneapolis, Minn., c., 1917, 4%.....	25,000	25,000
Minneapolis, Minn., reg. 1918, 4%.....	25,000	28,000
Minneapolis, Minn., pre. pmnt. rev. f., c., 1942, 4%.....	25,000	24,500
Newark, N. J., op. reg., 1930, 4%.....	50,000	49,500
Newburgh, N. Y., wat. reg., 1930, 4%.....	25,000	24,500
Newcastle, Co., Del., big. com. g., reg., 1929-32, 44%.....	50,000	50,550
New Rochelle, N. Y., mun. imp., reg., 1916-20, 44%.....	25,000	25,300
N. Y. Cy., op. stk., reg., 1957, 44%.....	200,000	214,000
N. Y. St., l. for hwy. imp., reg., 1958, 4%.....	50,000	51,000
Norfolk, Va., app. reg., 1940, 4%.....	25,000	24,000
Norfolk, Va., 9th wd. imp., reg., 1942, 44%.....	25,000	24,000
N. C. State, reg., 1919, 6%.....	40,000	42,800
Omaha, Neb., 5th, c., 1924, 44%.....	15,000	15,150
Omaha, Neb., 4th, c., 1934, 44%.....	10,000	10,200
Paterson, N. J., ac. reg., 1934, 4%.....	25,000	24,500

JAKOR INSURANCE COMPANY, Moscow, Russia.—Continued.

BONDS OWNED.—Cont.	Par Value.	Market Value.
Peoria, Cy., Ill., bg., c., 1921-2, 4%.....	\$25,000	\$24,620
Pittsburgh, Pa., c., 1919, 4½%.....	35,000	35,350
Pittsburgh, Pa., sc., reg., 1922, 4½%.....	35,000	35,350
Pittsburgh, Pa., loan, reg., 1930, 3½%.....	30,000	26,700
Portland Ore., wat., c., 1934, 4%.....	50,000	49,000
St. Louis, Mo., c., 1929, 4%.....	25,000	25,000
St. Paul, Minn., wat., reg., 1915, 5%.....	20,000	20,000
Salt Lake City, Utah, r., c., 1921, 4%.....	20,000	19,600
San Diego, Cal., Man. imp. reg., 1917, 5%.....	20,000	20,200
San Fran. Cy. & Co., Cal., H. of J., c., 1927-30, 5%.....	50,000	51,500
Seattle, Wash., garb., c., 1918, 4½%.....	20,000	20,000
Taswell Co., Va., rd. & bg. reg., 1931-4, 5%.....	20,000	20,600
Toledo, O., bg., reg., 1933-6, 4½%.....	100,000	105,500
Trenton, N. J., C. H., reg., 1939, 4%.....	43,000	42,140
Webster Co., N. Y., Almsh. ex. reg., 1939, 4%.....	30,000	29,400
W. Hoboken, N. J., r. c., 1940, 5%.....	25,000	27,000

BONDS OWNED.—Cont.	Par Value.	Market Value.
Woonsocket, R. I., f. c., 1941, 4½%.....	\$25,000	\$25,700
Yonkers, N. Y., reg., 1915, 4½%.....	15,000	15,000
Yonkers, N. Y., amm., reg., 1916, 5%.....	50,000	50,000
Yonkers, N. Y., rev., reg., 1917, 4½%.....	50,000	50,000
Youngstown, O., reg., 1916, 5%.....	25,000	25,000
Totals (book value, \$2,446,864).....	\$2,390,500	\$2,408,200

MISCELLANEOUS: The company transacts a fire reinsurance business only in the United States and operates in all of the States being licensed in such States where it is necessary for a reinsurance company to be specially admitted. Its home office statement as of December 31, 1913, showed assets amounting to \$12,473,850. Its paid-up capital is \$1,250,000 and its profit balance or reserve capital, \$297,232. Value of deposit in O., \$100,000.

UNITED STATES TRUSTEE: New York Life Insurance Trust Company, New York.

THE LAW UNION AND ROCK INSURANCE CO., LTD.,
London, England.

United States Managers, Hall & Henshaw, New York. Organized, 1906.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Rem'd to H. C.
1914	\$1,320,888	\$392,149	\$375,292	\$372,514	\$422,821	\$290,055	\$151,006	\$441,061	\$392,489	1947.2
1913	1,273,299	448,472	769,734	448,811	479,556	278,985	189,563	468,548	266,514	+333.2
1912	889,125	451,161	369,083	511,403	541,645	312,243	202,404	514,647	305,670	+33.1
1911	846,187	423,880	359,970	467,243	494,293	245,899	197,050	442,919	246,499	+85.1
1910	703,819	393,306	257,312	421,217	445,853	191,490	185,607	377,097	195,075	-44.2

ASSETS, DEC. 31, 1914.	LIABILITIES, DEC. 31, 1914.
Bonds and stocks..... \$1,180,095	Losses unpaid..... \$43,300
Cash..... 40,253	Unearned prem..... 392,149
Agents' balances..... 77,132	Other liabilities..... 10,147
Interest..... 10,134	
Other assets..... 13,244	Total liabilities..... \$445,596
	Surplus..... 875,292
Total assets..... \$1,320,888	Total..... \$1,320,888

Underwriting loss, \$17,387; investment profit, \$75,660.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$75,015,796; premiums thereon, \$770,332.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$6,610,260; losses paid, \$5,244,968.

BONDS.	Value.	Value.
Cincinnati, O., 1937, 3½%.....	\$52,000	\$50,960
Cleveland, O., grade crossing, 1940, 4%.....	50,000	51,500
Ga. State, 1915, 4½%.....	5,000	5,000
N. Y. Cy., fire dept., 1941, 3½%.....	5,000	4,500
N. Y. Cy., Rap. Trans., 1952, 3½%.....	200,000	176,000
N. Y. Cy., 1956, 4%.....	11,000	10,890
N. Y. Cy., 1957, 4½%.....	20,000	21,400
N. Y. Cy., 1956, 4½%.....	50,000	49,500
N. Y. Cy., 1957, 4½%.....	75,000	80,250
N. Y. Cy., sup. wat., 1957, 4½%.....	35,000	37,450
N. Y. State, hwy. imp., 1960, 4%.....	7,000	7,140
Portland, Ore., wat., 1923, 5%.....	35,000	36,750
Portland, Ore., ferry, 1923, 5%.....	15,000	15,750
Richmond, Va., 1926, 4%.....	50,000	49,000
A. T. & S. Fe Ry., cv., 1955-60, 4½%.....	18,000	17,640
Del. & Hud., 1 r. m., 1943, 4%.....	75,000	73,500
Ill. Cent. R.R., 1953, 4%.....	10,000	9,000
L. I. R.R., r. m., 1949, 4%.....	50,000	45,500
N. Y. C. & H. R. R. L. S. col., 1998, 3½%.....	147,000	114,660
P. C. C. & St. L. R.R., 1940, 4½%.....	35,000	36,050
Standard G. L., N. Y., 1 m., 1930, 5%.....	20,000	20,400

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Mar Val.
Allegheny & Western Ry. gr.....	\$30,000	\$39,000
A. T. & S. Fe Ry., p.....	53,500	55,000
Chi. & Gt. W. R.R., p.....	55,000	20,000
Minn., St. P. & S. Ste M. Ry.....	75,000	60,000
Pitta., Ft. W. & Chi. Ry., special gr.....	2,500	4,000
Pitta., Ft. W. & Chi. Ry., gr.....	40,000	65,000
Rens. & Sar. R.R., gr.....	12,500	22,000
Totals (book value, \$1,266,576).....	\$1,233,500	\$1,190,000

MISCELLANEOUS: This company began business in United States in 1897. The home office statement on Decen 31, 1913, showed assets amounting to \$47,936,835, the paid capital being \$2,241,800. The fire insurance income for 1913 \$1,522,936, and the fire and general reserve fund on that date at \$820,258. Conflagration losses: Baltimore, 1904, \$111, San Francisco, 1906, \$2,338,000. San Francisco losses were by remittances from home office. Deposit in Ohio, \$102,000 N. Y., \$236,000.

UNITED STATES TRUSTEES: Union Trust Co., New York

FIELD MEN AND TERRITORY COVERED: Hall & Henshaw, U. S. managers, 49 John st., New York, covering Cal., Del., D. C., Ill., Ind., Md., Mass., Mich., Minn., Neb., N. J., N. Y., O., Pa., R. I., Vt., W. Va., Wis.; Special agents, Walter G. Stone, J. H. Ridgway, and Alvin P. Lloyd, A. F. & Co., Chicago, managers for Cook Co., Ill., Harry H. St. San Francisco, manager for Pacific Coast, covering Ala., Cal., Col., Ida., Mont., Nev., Ore., Utah, Wash., Wyo., agents, J. P. Carroll, E. M. Brodstein and N. L. Nelson, J. L. Dixon, Montreal, manager for Can. The company operates Ala., Ariz., Cal., Colo., Conn., Del., D. C., Haw., Ida., Ill., Md., Mass., Mich., Minn., Mont., Neb., Nev., N. J., N. Y., Ore., Pa., R. I., Utah, Wash., W. Va., Wis. and Wyo. and in Dominion of Canada.

LIVERPOOL AND LONDON AND GLOBE INSURANCE COMPANY, LTD., Liverpool, Eng. §

Manager, H. W. Eaton; Deputy Manager, Geo. W. Hoyt, New York; Assistant Deputy Manager, J. B. Kremer, New York; Agency Superintendent, T. A. Weed; Manager, W. S. Warren, Chicago; Manager, Clarence F. Low, New Orleans; Manager, John W. Gunn, San Francisco. Organized, 1836.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$14,773,050	\$8,632,933	\$4,811,587	\$8,667,549	\$9,250,633	\$5,202,918	\$3,198,626	\$8,401,544	\$5,357,063	—\$378,533
1913	14,381,648	8,508,922	4,829,018	8,908,995	9,822,393	4,740,674	3,048,507	7,789,181	4,641,618	—1,080,496
1912	13,736,766	8,289,096	4,012,519	8,884,107	9,852,304	4,859,553	3,197,538	8,057,391	4,794,122	—1,310,657
1911	13,793,705	7,993,000	4,491,173	8,393,317	8,845,724	4,656,104	2,853,934	7,410,038	4,455,135	—1,338,013
1910	13,745,408	7,245,677	5,155,974	8,001,144	8,469,310	3,965,158	2,678,453	6,643,610	4,090,722	—1,723,878

Unearned premiums include amounts reclaimable on perpetual policies. * Includes \$708,468 marine premiums and \$350,834 marine losses.

Assets, Dec. 31, 1914.	LIABILITIES, Dec. 31, 1914.
Real estate..... \$1,647,345	Losses unpaid..... \$1,116,793
Mortgage loans..... 2,961,764	Unearned premis..... 8,543,499
Bonds and stocks..... 6,193,515	Perp. dep. decl..... 179,434
Loans on life policy..... 100	Other liabilities..... 211,737
Cash..... 1,587,057	
Agents' balances..... 2,272,049	Total Liabilities..... \$9,961,463
Interest and rents..... 107,305	Surplus..... 4,811,587
Other assets..... 2,915	
Total assets..... \$14,773,050	Total..... \$14,773,050

Underwriting profit, \$12,966; investment profit, \$553,824.

RISKS AND PREMIUMS: Fire risks in force (except per-sonals), December 31, \$1,517,966,967; premiums thereon, \$45,633,498; marine and inland risks in force, \$28,204,251; premiums thereon, \$680,986; perpetual fire risks, \$6,863,158; deposit premiums thereon, \$188,875.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$241,782,540; losses paid, \$142,249,515.

REAL ESTATE OWNED: Comprises 8 parcels, of which the combined book value is \$1,509,599, and the market value is \$1,647,345. The locations of the buildings and their respective book and market values are as follows: N. Y., 45 William st., \$536,544, \$550,000; N. Y., 52 William st., \$331,747, \$341,934; N. Y., 313-5 Prince st., \$79,458; 331-337 Walnut st., Phila., \$219,997, \$128,000; 158-160 Greene St., N. Y., \$68,036; 114-118 E. 174 St., N. Y., \$147,807; 392 E. 117th St., N. Y., \$11,473; 6 W. 96th St., N. Y., \$23,637. There are no incumbrances.

MORTGAGE LOANS: All but two of the 71 loans are upon New York City properties. The total amount, \$2,961,764, is protected by real estate to the estimated value of \$5,291,200. There was \$256 of interest overdue on December 31, last. The largest loans are one of \$350,000 on 800-804 Broad st., Newark, N. J., valued at \$742,750; \$100,000 on 224 Central Pl. W. (valued at \$150,000); \$100,000 on 2643-5 Broadway (valued at \$162,000); \$100,000 on 139-141 Franklin st., N. Y. (valued at \$250,000); \$125,000 on N. E. cor. 117th st. and St. Nicholas ave., N. Y. (valued at \$190,000); and \$125,000 on N. W. cor. 117th st. and 7th ave., N. Y. (valued at \$190,000).

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
U. S., 1925, 4%.....	\$100,000	\$111,000
U. S. Gov. Psn., 1961, 3%.....	7,500	7,575
Bernalillo Co., N. M., 1915, 5%.....	5,000	5,000
Ga., 1915, 4%.....	10,000	10,000
N. Y. State, canal, 1923, 3%.....	60,000	60,000
N. Y. State, canal, 1957, 3%.....	163,000	161,370
N. Y. State, canal, 1958, 3%.....	320,000	316,800
N. Y. State, hwy. imp., 1958, 4%.....	100,000	102,000
Gen. L. Riv. imp., 1926, 4%.....	50,000	51,000
Gen. O. pk. imp., 1927, 4%.....	50,000	51,000
N. Y. C. co., 1922, 3%.....	125,000	120,000
N. Y. C. co., 1923-42, 3%.....	225,000	195,580
N. Y. C. co., rap. trans., 1949, 3%.....	550,000	489,500
Richmond Va. r., 1928, 4%.....	62,000	48,860
Ins. of Col., 1924, 3%.....	100,000	104,000
A. T. & S. Fe R.R., gn. m., 1905, 4%.....	100,000	96,000
At. Coast Line, 1 c. m., 1962, 4%.....	250,000	235,000
At. Coast Line R.R., cv., 1939, 4%.....	100,000	94,000
At. Coast Line R.R. (L. & N.), col., 1962, 4%.....	50,000	46,000
B. & O. R.R., cv., 1933, 4%.....	24,000	22,080
B. & P. R.R., ca. m., 1940, 4%.....	100,000	101,000

§ Transacts fire and marine business.

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
W., S. & S., 1 m., 1960, 4%.....	\$70,000	\$60,900
C. & Nwn. Ry., gn. m., 1967, 4%.....	200,000	190,000
C., M. & St. P. Ry., 1 m., 1921, 5%.....	102,000	106,080
C., M. & St. P. Ry. cv., 1932, 4%.....	39,000	39,780
Erie Ry., ca. m., 1920, 7%.....	185,000	207,200
Grand Trunk of Can., eq., 1922, 4%.....	100,000	97,000
Gt. No. Ry. C.B. & Q.R.R. jt., 1921, 4%.....	200,000	194,000
I. R. T., 1 & r. g., 1966, 5%.....	100,000	99,000
Leh. C. & N., ca. m., 1954, 4%.....	100,000	100,000
L. & N., 1955, 4%.....	150,000	135,000
M. & E. R.R., 1 r. g. m., 2000, 3%.....	100,000	87,000
N. Y., N. H. & H. R. R. & P. R. R., 1 m., 1954, 4%.....	50,000	45,000
N. Y., W. R. R., 1 m., 1946, 4%.....	50,000	35,000
N. & W. R. R., cv., 1932, 4%.....	23,000	24,150
N. & W. Ry. cv. g., 1938, 4%.....	33,000	34,650
No. Pac. Ry. prior in., 1907, 4%.....	100,000	95,000
So. Pac. cv., 1929, 4%.....	350,000	301,000
So. Pac. San F. Tm. 1 m., 1950, 4%.....	50,000	42,500
So. Ry., 1919, 4%.....	2,000	1,640
So. Ry., 1 ca. m., 1904, 5%.....	100,000	105,000
St. L. I. M. & So. R.R., gn. m., 1931, 5%.....	150,000	153,000
Union Pac. R.R., 1 m., 1947, 4%.....	100,000	97,000
Washington Tm., 1 m., 1945, 3%.....	200,000	168,000
N. Y. Tl., 1 gn. m., s. f., 1939, 4%.....	100,000	98,000

STOCKS.

A., T. & S. Fe., p.....	50,000	51,500
B. & O., p.....	80,000	64,500
Chi., M. & St. P., p.....	260,000	348,400
Chi. & Nwn., c.....	100,000	135,000
Clev., Cin. C. & St. L., p.....	100,000	50,000
Ill. Cent., g.....	63,000	70,555
Norfolk & W., p.....	230,000	195,800
So. R.R., p.....	100,000	65,000
Un. Pac., p.....	200,000	166,000
Underwriters Salvage.....	1,000	1,500
Gn. Adj. Bureau.....	300	300

Totals (book value, \$6,681,016)..... \$6,489,800 \$6,193,515

MISCELLANEOUS: This company began business in the United States in 1848. Its home office statement as of December 31, 1911, showed assets amounting to £11,674,284, a subscribed capital of £3,262,200, and a paid-up capital of £1,051,440. The Liverpool & London & Globe, of N. Y., is controlled by the same interests as dominate this company. Conflagration losses: Chi., 1871, \$3,239,491; Boston, 1872, \$1,427,290; Baltimore, 1904, \$1,061,543; Rochester, 1904, \$50,000; Toronto, 1904, \$150,000; San Francisco, 1906, \$4,523,905. Chicago, Boston, Baltimore and San Francisco losses were paid chiefly by remittances from home office. Values of special deposits: Va., \$48,860; Ga., \$10,000; N. M., \$10,000; Ohio, \$100,000.

UNITED STATES DIRECTORS: John A. Stewart, Thatcher M. Brown, Walter C. Hubbard, Edmund D. Randolph.

FIELD MEN AND TERRITORY COVERED: Henry W. Eaton, manager; G. W. Hoyt, deputy manager; J. B. Kremer, assistant deputy manager; T. A. Weed, agency superintendent. Head office in the United States, No. 80 William st., N. Y., embraces N. Y., N. Eng., Pa., N. J., Del. Md., D. C., O., Ind., Ky., Tenn., Va., W. Va., N. C. and S. C.; J. M. DeCamp, Cincinnati, O., general agent for O., Ind., Ky., Tenn. and W. Va.; Eastman & Fenton, Boston, general agents; W. E. Bates, Phila., general agents. Special agents in territory of head office: F. W. Bauer,

LIVERPOOL AND LONDON AND GLOBE INS. CO., LTD., Liverpool, Eng.—Cont.

J. H. Vreeland, E. S. Anderson, F. Powell, C. H. Smith, Edward Cay John M. Monroe, A. M. Travers, J. B. Knox, Jr., R. B. Dawson, J. Arthur Puleford, A. F. Sanford, H. E. Reisinger, F. H. Walker, A. L. DeRooset, Chas. B. Corry, F. G. Snyder, Frank Ritchie, J. H. Clinton, Ernest A. Matthews and Robert D. Williams. W. S. Warren, 175 Jackson Blvd., Chicago, Ill., manager; Hugh R. Loudon, assistant manager; Richard H. Purcell, deputy ass't mgr for Colo., Ill., Ia., Kan., Mich., Minn., Mo., Mon., Neb., N. M., N. D., S. D., U. Wis. and Wyo.; A. M. Upham, Des Moines, Ia. State agent and J. C. Hart, Fort Dodge, Ia., special agent for Ia.; A. B. Davis, Fargo, N. D., State agent for N. D.; W. P. Robertson, Detroit, Mich., state agent for Mich. and M. Brown, Jackson, Mich., special agent for Mich.; Geo. G. Williams, Milwaukee, State agent, and A. T. Jones, Milwaukee, special agent for Wis.; E. E. Wells, St. Louis, Mo., State agent and L. E. Cate, special agent for Mo.; State agent and J. W. Rodgers, special agent for Mo.; M. W. Van Valkenburg, Kansas City, Mo., State agent, and O. W. Doleng, Topeka, Kan., special agent for Kan.; D. H. Painter, Denver, Colo., State agent and Geo. W. Dodd, special agent for Colo., Wyo. and N. M.; Chas. Caldwell, Lincoln, Neb., State agent and Geo. B. Campbell, Lincoln, Neb., special agent for Neb.; J. G. Updegraff, State agent, Sioux Falls, S. D.; G. F. Krundick, Minneapolis, Minn., State agent and W. U. Knight, special agent for Minn.; Grant R. Brown, Salt Lake City, State agent for Utah, Mont., M. C. Rathburn, Chicago, Ill., State agent and W. W. Moore, Chicago, Ill., special agent, So. Ill.; J. R. Cooper, Minneapolis, Minn., special agent, hail department; Daniel J.

Harrigan and T. A. Barbee, Chicago, special agents for Cook Co., Ill. Robt. P. Fahi, manager; Thos. H. Anderson, assistant manager, 444 California st., San Francisco, Cal. for Cal., Nev., Ore., Ia., Ariz., Wash. and Alaska. Special agents: R. G. Brush and L. B. Chandler, Los Angeles, for So. Cal. and Ariz.; R. H. Brounre and Harrison Houseworth, San Francisco, for Cal.; George F. Guerray, Seattle, Wash. for northern Ida. and Wash.; Frank E. Atkins, Portland, Ore., for Ore. and southern Ida.; Geo. J. Jones, San Francisco, Cal., for Cal. and Nev.; C. S. Myrick, resident special agent, San Francisco, Cal.; Clarence F. Low, New Orleans, La., manager, J. G. Pepper, assistant manager; R. H. Colcock, Jr., deputy assistant manager for Ala., Ark., Fla., Ga., La., Miss., Okla. and Tex.; Robt. C. Reid, and B. P. Walker, Jr., Atlanta, Ga., special agents for Ga.; Cliff G. Key, Montgomery, Ala. and Wm. H. Hackney, Birmingham, Ala., special agents for Ala.; Jno. A. Whitner, Jacksonville, Fla., special agent for Fla.; F. A. Burtchell and P. M. Marshall, Dallas, Tex., special agents for N. E. and N. W. Tex.; Henry Ferehand, San Antonio, Tex., special agent for S. W. Tex. and R. B. Price, Houston, special agent for S. E. Tex.; Edw. K. McDowell and Gray F. Elliott, Jackson, Miss., special agents for Miss.; F. L. Renner, New Orleans, La., special agent for La.; J. E. Sharpe, and J. C. Smith, Okla. City, special agents for Okla.; Dm E. Wilson, Little Rock, Ark., special agent for Ark.; C. A. Bowerman, Oklahoma City, Okla. and J. P. Watson, Dallas, Tex., farm special agents. The company operates in all the States and Territories in the United States and in Canada.

THE CORPORATION OF THE LONDON ASSURANCE, London, Eng.

United States Manager, Fire Branch, Chas. L. Case, New York; United States Managers, Marine Branch, Chubb & Son, New York Organised, 1720.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Rem't to H. O.
1914	\$3,913,429	\$2,292,776	\$1,001,246	*\$2,751,577	\$2,897,423	*\$1,625,077	\$1,062,899	\$2,687,976	\$1,783,230	—\$105,43
1913	3,778,267	2,248,641	1,103,605	2,638,900	2,774,444	1,364,949	1,050,231	2,415,180	1,369,529	—306,36
1912	3,832,727	2,113,205	1,201,364	2,711,287	2,842,160	1,342,457	975,067	2,317,554	1,361,090	—379,23
1911	3,754,561	2,058,925	1,233,637	2,521,559	2,651,033	1,252,329	937,994	2,190,323	1,277,775	—378,11
1910	3,665,813	2,049,888	1,195,076	2,561,091	2,681,443	1,261,730	928,486	2,190,216	1,333,034	—171,18

* Includes \$600,184 marine premiums and \$352,075 marine losses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks...	\$3,121,010	Losses unpaid.....	\$535,809
Cash.....	302,641	Unearned prems....	2,292,776
Agents' balances....	463,879	Other liabilities.....	83,598
Interest.....	42,637		
Other assets.....	684	Total liabilities.....	\$3,912,183
Total.....	\$3,930,851	Surplus.....	1,001,246
Spl. dep. over liab..	17,422		
Total ad. assets...	\$3,913,429	Total.....	\$3,913,429

Underwriting loss, \$200,036 investment profit, \$190,421.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$405,270,616; premiums thereon, \$4,171,225; marine and inland risks in force, \$22,710,739; premiums thereon, \$206,955.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$56,611,158; losses paid, \$33,388,857.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
U. S. reg., 1930, 2%.....		\$10,000	\$9,700
Boston, Mass., pub. pk. l., 1920, 3½%.....		100,000	97,000
Cincinnati, O., r., 1906, 3½%.....		55,000	51,700
Clev., O., reg. riv. & harb., 1926, 4%.....		30,000	30,600
Clev., O., reg. pk., 1927, 4%.....		20,000	20,400
Ca. reg., 1923, 3½%.....		6,000	5,760
Ca. reg., 1930, 3½%.....		4,000	3,840
N. Y. C., ca., 1918, 3½%.....		47,000	46,600
N. Y. C., cp., 1940-64, 3½%.....		361,000	320,800
N. Y. C. (new Har. Hosp.), 1954, 3½%.....		27,000	23,760
N. Y. C. (new E. Riv. hg.), 1954, 3½%.....		33,000	29,040
N. Y. C., cp. stk., 1905, 4%.....		50,000	49,600
N. Y. C., cp. stk., 1907, 4½%.....		10,000	10,700
N. Y. C., cp. stk., 1909, 4½%.....		10,000	10,000
N. Y. State, canal imp., 1961, 4½%.....		100,000	102,000
N. Y. State l. for canal imp., 1964, 4½%.....		100,000	110,000
Portland, Ore., Wat. loan, 1917, 5%.....		50,000	51,000

† Transmits both fire and marine insurance.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Richmond, Va., 1924-43, 4%.....		855,000	\$83,1
A. T. & S. Fe Ry., E. Okla., 1 m. g., 1928, 4%.....		50,000	47,5
A. T. & S. Fe Ry., gn. m. g., 1905, 4%.....		42,500	40,8
B. & O. R.R., 1 m. g., 1948, 4%.....		64,000	59,2
Bklyn. R. T. sec. g. n., 1918, 5%.....		100,000	100,0
C. W. & S. H. R.R., 1 ca. m. g., 1931, 5%.....		50,000	53,0
C. R. R., N. J., gn. m. g., 1907, 5%.....		25,000	29,2
C. & O. R.R., 1 ca. m. g., 1939, 5%.....		50,000	53,1
Chi. & Erie R.R., 1 m. g., 1962, 5%.....		50,000	54,0
C. M. & St. P. Ry., C. & P. W. m. g., 1921, 5%.....		25,000	26,0
C. St. L. & N. O. R.R., g. l., 1951, 5%.....		8,000	8,8
C. C. C. & St. L. R.R., 1 m. g., 1991, 4%.....		50,000	41,0
C. & So. Ry., r. & ext. m. g., 1935, 4½%.....		100,000	88,0
Erie R.R., Pa. col. c. g., 1951, 4%.....		48,000	43,1
Erie Ry., ca. m., 1920, 7%.....		40,000	44,1
Fla. E. C. Ry., 1 m. c. g., 1959, 4½%.....		25,000	22,1
L. Sh. & Mich. So. Ry., g., 1931, 4%.....		60,000	56,1
Leh. Val. Ry., 1 m. g., 1940, 4½%.....		30,000	30,2
L. I. R.R., 1 ca. m. g., 1931, 5%.....		99,000	105,1
L. & N. R.R. N. O. & M., m. g., 1930, 6%.....		25,000	29,1
M. L. S. & W. Ry., 1 m. g., 1924, 6%.....		25,000	28,1
M. K. & T. Ry., gn. m. c. f. g., 1938, 4½%.....		25,000	17,1
N. Y. C. & H. R. R.R., g. d., 1934, 4%.....		50,000	45,1
N. Y. C. & H. R. R.R., M. C. col., 1908, 3½%.....		50,000	38,1
N. Y. C. L. eq. tr., 1919, 5%.....		100,000	102,1
N. Y. C. & St. L. R.R., 1931, 4%.....		100,000	84,1
N. & W. Ry., cv. g., 1938, 4½%.....		10,000	10,1
N. P., Gt. No., jt. C. B. & Q. col., 1921, 4%.....		100,000	97,1
Ore. Sh. L. R.R., r. g., 1929, 4%.....		100,000	92,1
P. C. C. & St. L. Ry., g. ca. m., 1940, 4½%.....		25,000	25,1
Reading Co. & P. & F. C. & I. gn. m. g., 1997, 4%.....		15,000	14,1
St. L. Sw. Ry., 1 m. g., 1989, 4%.....		50,000	42,1
St. P., M. & M. Ry., ca. m. g., 1933, 6%.....		25,000	30,1
Scioto Val. & N. E. R.R., 1 m. g., 1989, 4%.....		30,000	28,1
So. Pac. eq. tr., 1915-8, 4½%.....		50,000	50,1
So. Pac. cv. g., 1929, 4%.....		50,000	43,1

THE CORPORATION OF THE LONDON ASSURANCE, London, Eng.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
Bonds.—Cont.		Value.	Value.
So. Pac. R.R. 1 m. g., 1955, 4%.....	\$75,000	\$69,000	
Rtyn Union Gas 1 m. g., 1945, 5%.....	30,000	31,800	
Cent. Ua. Gas, N.Y., 1 m. g., 1927, 5%.....	50,000	51,000	
Indiana Steel 1 m. g., 1952, 5%.....	50,000	51,000	
Mtgs. Bd. N. Y. g. m., 1946, 4%.....	25,000	21,000	
New Amsterdam Gas 1 m. g., 1948, 5%.....	23,000	23,690	
N. Y. Gas & E. L. H. & Pow. g., 1949, 4%.....	50,000	43,500	
Prov. Sec. g. d., 1947, 4%.....	60,000	34,800	
U. S. M. & T., 1 m. g., 1921, 4%.....	35,000	35,000	
STOCKS.			
Nor. & W. Ry., g.....	50,000	52,000	
Totals (book value, \$3,281,994).....	\$3,262,500	\$3,121,010	

MISCELLANEOUS: This company began business in the United States in 1872. It also conducts a marine insurance branch in the United States. The home office statement as of December 31, 1914, of the London Assurance showed \$5,495,401 of assets, its subscribed capital being \$896,550 (one-half paid up). Compensation losses: Baltimore, 1904, \$195,175; Toronto, 1904, \$70,000; San Francisco, 1906, \$4,667,331. Value of special deposits: Ga., \$9,630; N. M., \$9,700; Va., \$53,160.

UNITED STATES TRUSTEES: Charles D. Dickey, James N. Jarvis, James H. Post, Justus Rupert, N. Y.

FIELD MEN AND TERRITORY COVERED: Charles L. Case, United States manager, N. Y.; A. W. Thornton, manager, Pacific Coast branch, 160 Sansome st., San Francisco, comprising Alas., Ariz., Cal., Colo., Haw., Ida., Mont., Nev., N. M., Ore., Utah, Wash., B. C. and Wyo. Special agents, P. R. Weinmann, San Francisco, Cal., for Bay Cos. and North Coast Cos., Cal.; B. L. Penfield, San Francisco, Cal., for East and Cent. Cal. and Nev.; C. W. Rohrer, Los Angeles, Cal., for So. Cal. and Ariz.; G. J. Roth, Portland, Ore., for Ore., southern Wash. and Ida.; P. J. Perry, Seattle, Wash., for western Wash., western B. C. and Alas.; Thos. S. Heath, Denver, Colo., for Colo., Wyo., Utah and N. M.; J. E. Johnson, Spokane, Wash., for eastern Wash., eastern B. C. and northern Ida., Mont. General and special agents: John Lovett, special agent for Me., N. H. and Vt.; Wm. J. McEvoy, special agent for Conn., Mass. and R. I.; W. B. Quigley, special agent for N. Y., except N. Y. C. and suburban district; C. K. Underhill, State agent, and Walter H. Evert, special agent for Del., D. C., Md., N. J. and Pa.; Geo. Leiste, special agent for N. Y. suburban district; J. W. Gordon, general agent for N. C., Va. and W. Va.; William E. Hill, State agent for Ill. (excluding Cook Co.); Will S. Loudon, State agent for Minn., N. D. and Wis.; H. W. Crowell, State agent for Mich.; E. R. Shoemaker, State agent for Ind.; G. J. Giersberg, special agent for Kan. and Mo.; Clifford B. Dye, State agent for O.; J. C. Griffith, manager for Cook Co., Ill.; W. H. Griffith, special agent for Ala., Ga. and S. C.; Herbert D. Paine, special agent for Ia., Neb. and S. D.; G. C. Dick, special agent for Ky. and Tenn.; H. C. Hare & Co., general agents for Fla. The company does business in all the States and Territories excepting Ark., Miss. Okla. and Tex.

LONDON AND LANCASHIRE FIRE INSURANCE COMPANY, LTD., Liverpool, Eng. §

United States Manager, A. G. McIlwaine, Jr., Hartford, Conn. Organized, 1861.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$4,864,379	\$2,791,006	\$1,784,990	\$62,652,957	\$2,815,839	\$1,437,042	\$1,002,308	\$2,439,350	\$1,483,346	-\$590,161
1913	4,885,399	2,799,168	1,854,123	2,711,700	2,868,472	1,226,348	1,000,091	2,227,439	1,234,767	-217,967
1912	4,578,983	2,696,332	1,643,107	2,661,549	2,807,777	1,243,467	1,019,211	2,262,678	1,267,291	-321,257
1911	4,453,442	2,370,975	1,688,823	2,575,606	2,711,846	1,211,657	980,292	2,171,949	1,185,302	-190,535
1910	4,120,363	2,365,306	1,456,947	2,476,585	2,606,517	1,112,497	902,293	2,014,790	1,185,875	-324,121

† Includes \$186,580 marine premiums and \$93,323 marine losses, and settlement of losses.

† Losses incurred and losses paid include expenses of adjustment

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$300,000	Losses unpaid.....	\$230,974
Bonds and stocks.....	2,875,537	Unearned premiums.....	2,791,006
Cash.....	1,126,120	Other liabilities.....	67,409
Accrual balances.....	534,255		
Interest.....	44,190	Total liabilities.....	\$3,079,389
Other assets.....	1,202	Surplus.....	1,784,990
Total.....	\$4,881,704		
Less excess cap. dep.....	17,325		
Total assets.....	\$4,864,379	Total.....	\$4,864,379

Underwriting profit, \$174,392; investment profit, \$172,961.

RISKS AND PREMIUMS: Fire risks in force, December 31, 1914, \$682,504,731; premiums thereon, \$5,219,162; marine and inland risks in force, \$7,823,699; premiums thereon, \$181,007.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$63,457,680; losses paid, \$36,924,141.

REAL ESTATE OWNED: Consists of the 8-story fireproof building at 57-59 William st., N. Y., book value \$300,080. The building is partly occupied by the company.

BONDS AND STOCKS OWNED:		Par	Market
Bonds.		Value.	Value.
U. S. reg., 1925, 4%.....	\$48,000	\$51,080	
Ca. State, f. reg., 1915-22, 4%.....	20,000	20,300	
Mass. S. of reg. met. wat. l., 1935, 3%.....	70,000	65,100	
N. Y. S. hwy imp., 1961, 4%.....	32,000	32,640	
Worcester Co., m. ar. 1979-81, 4%.....	50,000	48,600	
Cleveland O., 1917-33, 4%.....	100,000	101,000	
N. Y. C. op., 1957, 4%.....	180,000	160,800	
N. Y. C. op., 1940-50, 3%.....	23,000	22,360	
Portland, Ore., 1944, 4%.....	80,000	49,000	
Richmond, Va., 1925, 4%.....	80,000	48,000	

† Transacts fire and marine business.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
Bonds.—Cont.		Value.	Value.
Rochester, N. Y., r. wat., 1933, 3%.....	\$25,000	\$23,250	
Rochester, N. Y., pk., 1925, 3%.....	50,000	44,500	
Schenectady, N. Y., wat. loan, 1928, 4%.....	5,000	4,950	
Watertown, N. Y., so., 1922, 3%.....	5,000	4,800	
Yonkers, N. Y., wat., 1923, 4%.....	25,000	24,750	
Ala. Midland Ry., 1 m. g., 1923, 5%.....	25,000	26,500	
A. T. & S. Fe Ry., adj., 1936, 4%.....	4,000	3,536	
Atl. C. L., ca. m. g., 1952, 4%.....	25,000	23,500	
B. & O. R.R., prior in. g., 1923, 3%.....	105,000	96,600	
B. & O. R.R., 1 m. g., 1948, 4%.....	37,500	34,875	
Beech Ck. R.R., 1 m. reg. g., 1936, 4%.....	27,000	25,650	
B. & S. R.R., 1 m. g., 1953, 4%.....	17,500	10,500	
C. of Ga. Ry., ca. m. g., 1945, 5%.....	20,000	21,000	
Chat. Sta., 1 m., 1957, 4%.....	25,000	22,250	
C. & O. Ry., 1 ca. m. reg. g., 1939, 5%.....	57,500	61,525	
C. B. & Q. R.R., Ill. Div., 1949, 3%.....	25,000	21,250	
C. M. & St. P. Ry. C. & P. W., 1 m. reg. g., 1921, 5%.....	55,000	57,200	
C. M. & St. P. Ry. W. & M., 1 m. reg. g., 1921, 5%.....	25,000	26,250	
C. St. P. M. & O. Ry., ca. m. 1930, 3%.....	25,000	23,000	
C. R. I. & P. Ry., 1 m. reg., 1917, 6%.....	90,000	95,600	
C. & E. Ill. R.R., gn. ca. m., 1937, 5%.....	75,000	66,350	
C. & E. R.R., 1 m. reg. g., 1932, 5%.....	10,000	10,800	
C. D. & I. R.R., 1 m. reg. g., 1941, 5%.....	20,000	15,000	
C. L. St. L. & C. R.R., gn. l. m. reg. g., 1936, 4%.....	100,000	91,000	
D. & H., 1 m. reg., 1917, 7%.....	25,000	27,250	
D. & Rio G. R.R., ca. m. g., 1936, 4%.....	25,000	20,000	
F. & P. M. R.R., ca. m. reg. g., 1939, 5%.....	25,000	16,750	
Ft. W. & D. Cy. Ry., 1 m., 1921, 6%.....	50,000	53,500	
Gt. No., No. Pac. C.B. & Q., col., 1921, 4%.....	75,000	72,750	
Hereford Ry., 1 m., 1930, 4%.....	10,000	8,700	
Ill. C. R.R., (W. Lines) 1 m. reg. g., 1951, 4%.....	100,000	91,000	

LONDON AND LANCASHIRE FIRE INSURANCE CO., LTD., Liverpool, Eng.—Cont.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Kan. Cy. Tm. Ry., 1 m. g., 1900, 4%...	\$50,000	\$47,000	
L. Erie & W. R.R., 1 m. reg. g., 1937, 5%...	50,000	51,000	
L. S. & M. So. Ry., d. 1931, 4%...	50,000	47,000	
Loh. Val. Ry. N.Y., 1 m. reg. g., 1940, 4 1/2%...	25,000	25,250	
M. L.S. & W. Ry., ca. 1 m. reg. g., 1921, 5%...	3,000	3,300	
M. L.S. & W. Ry., ex. & imp. 1 m. g., 1929, 5%...	50,000	53,500	
Mo. Pac. Ry., ca. m. g., 1920, 6%...	100,000	102,000	
Mont. Cent. R.R., 1 m., 1927, 5%...	30,000	33,300	
N.Y.C. & H.R. R.R., L.S. col. reg. g., 1908, 1 3/4%...	50,000	39,000	
N.Y.C. & H.R. R.R., 1 m. reg. g., 1937, 4%...	50,000	47,500	
N.Y. & N. R.R., 1 m., 1927, 5%...	24,000	35,300	
N.Y. S. & W. R.R., 1 m. reg. g., 1937, 5%...	3,000	2,850	
Ore. Sh. Line R.R., r., 1929, 4%...	20,000	27,600	
Ore. S. L. R.R., 1 ca. m. g., 1946, 5%...	25,000	27,000	
Pa. R.R., cv. m., 1915, 3 1/4%...	50,000	50,000	
P. & R. Tm. R.R., 1 m. reg. g., 1941, 5%...	10,000	11,300	
P. & D. R.R., d., 1927, 5%...	20,000	20,400	
S. & R. R.R., 1 m., 1926, 5%...	20,000	20,800	
S. L. I. M. & S. R. Ry., ca. & l. g., 1931, 5%...	75,000	76,500	
St. P. M. & M. Ry., ca. m. reg. g., 1933, 4 1/2%...	75,000	78,000	
So. Ry., 1 ca. m. g., 1904, 5%...	100,000	105,000	
So. Pac. R.R., f., 1955, 4%...	50,000	45,000	
Tm. R.R., Assn. St. L., gn. m. r., 1953, 4%...	50,000	44,000	
Un. Pac. R.R., 1 & r. m., 2008, 4%...	100,000	95,000	
W. S. Southbound Ry., 1 m. g., 1960, 4%...	25,000	21,750	
Am. Tl. & Tg., col. tr., 1929, 4%...	50,000	44,500	

STOCKS.		Par Value.	Market Value.
B. & S. R.R., cp. p.	7,500	2,250	
Buffalo & Sus. R.R., cp. e.	3,700	259	
Buffalo & Sus. R.R., cp. e.	50	3	
Mil. Underwriters Bldg. Assn.	185	185	
Underwriters Salvage, N. Y.	1,000	1,500	
Underwriters Salvage, Chi.	1,000	1,000	

Totals (book value, \$3,071,070)..... \$2,976,935 \$2,875,838

MISCELLANEOUS: Confagration losses: Jacksonville, 1901, \$145,000; Baltimore, 1904, \$290,000; San Francisco, 1908, \$7,284,000. San Francisco losses were paid from home office. The company's home office statement as of December 31, 1911, shows total assets amounting to \$4,016,078, and a paid-up capital of \$264,125. 4,950 shares of the capital stock of the Orient Insurance Company of Hartford, Conn., are vested in this company, but the U. S. branch has no interest in the shares of any other fire insurance company. Values of special deposits: Va., \$48,000; Ga., \$10,000; N.M., \$11,100; O., \$100,000. In five-year table,

losses paid include adjustment expenses, while losses incurred do not.

UNITED STATES TRUSTEE: United States Mortgage & Trust Co., N. Y.

FIELD MEN AND TERRITORY COVERED: A. G. McIlwaine, Jr., manager eastern Middle and Southern departments, Hartford, Conn.; Henry W. Gray, Jr., agency secretary J. V. Fothergill and C. F. Scholl, agency superintendents; E. E. Pearce, local secretary, New York City; Chas. E. Dorr, 39 B. La Salle st., Chicago, manager; John F. Stafford, agency superintendent; and F. B. Saunders, assistant agency superintendent, western department, comprising Ill., Ind., Kan., Mich., Minn., Mo., Neb., N.D., O., Okla., S.D. and Wis. Sam B. Story, manager, William B. Hopkins, local secretary and J. P. Yates, agency superintendent, San Francisco, Pacific department, comprising Ala., Ariz., Cal., Colo., Ore., Wash., Ida., Mont., Nev., N.M., Wyo., Utah and Haw. Is.; Josef Givernaud, special agent for eastern Mass. and R. I.; E. J. Sullivan and John T. Horan, Boston for Ma., N.H. and Vt.; A. H. Murphy, Hartford, Conn., special agent for Conn.; C. J. Mahoney, Newark, N. J., special agent for suburban and eastern N. Y.; W. R. Somerville, Rochester, N. Y., special agent for western N. Y.; Paul Turner, Jr., Philadelphia, Pa., special agent for N. J., Phila. Baltco, and D. C.; H. A. W. Happer, special agent for Va. and W. Va.; Robt. A. Hancock, general agent for N. C., S. C., La., Ala., Fla., Ga. and Tenn. Special agents: Leon B. Humphrey, Charlotte, N. C., special agent for N. C.; S. C. and Fla.; J. C. Curd, Atlanta, Ga., special agent for Ga.; W. H. Ayers, Montgomery, Ala., special agent for Ala.; Tom P. Williams, Little Rock, Ark., special agent for Ark.; H. M. Street, general agent for Miss.; Bern. Kenison & Co., general agent for Tex.; Lawrence Haynes, general agent for Fla.; Western department: Special agents, F. B. Saunders, Chicago and W. A. Cavanaugh, Chicago, special agents for Ill.; F. D. Bruckman, Chicago, Ill., special agent for Cook Co.; John A. Hoover, Dayton, O., for O. and Ind.; J. W. Hoffman, Kansas City, Mo., for Mo. and Neb. and Jos. F. Kahmann, Kan. City, Mo., for Kan. and Okla.; Carl Clausen, Indianapolis, Ind. for Ind. and O.; A. E. Perry, Minneapolis, Minn. for Minn. and N. D.; C. G. Robertson, Des Moines, Ia., State agent for Ia. and S. D.; C. E. Hilbert and P. C. Metzger, Milwaukee, Wis. for Wis.; A. C. Gilbert, Detroit Mich. for Mich. Pacific department special agents: G. L. Goodell, Portland, Ore. for Ore., southern Wash. and western Ida.; Nicholas Gardiner, Denver, Colo. for Colo., Wyo. and N.M.; J. P. Hague, Los Angeles, for southern Cal. and Ariz.; D. H. Perry, Seattle, Wash. for Wash., Ala. and northern Ind.; W. W. Gilmer, Sacramento, Cal. for central Cal. and Nev.; N. W. Clayton, Jr., Salt Lake City, Utah, special agent for southern Ida., Mont. and Utah; Geo. T. Richmond, San Francisco, Cal., special agent for coast Ore. and northern Cal. The company does business in all the States and territories of the United States except Del. and in Canada and the Hawaiian Islands.

LONDON AND LANCASHIRE LIFE AND GENERAL ASSURANCE ASSN., LTD., London, Eng.

United States Managers, Edward E. Hall & Co., New York.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$552,063	\$20,698	\$529,740	\$25,037	\$36,400		\$7,511	\$7,511	\$1,125	

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds	\$528,430	Losses unpaid	\$1,125
Cash	5,556	Unearned prems.	20,698
Agents' balances	11,971	Other liabilities	500
Interest	6,106		
		Total liabilities	\$23,323
		Surplus	\$529,740
Total assets	\$552,063	Total	\$552,063

Underwriting loss, \$4,122; investment profit, \$4,825.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,017,069; premiums thereon, \$25,149.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$25,037; losses paid, none.

BONDS OWNED:	Par Value.	Market Value.
Buffalo, N. Y.	\$32,000	\$31,140
Jamestown, N. Y.	22,000	21,710
New York City	47,000	46,530

BONDS OWNED.—Cont.		Par Value.	Market Value.
Rochester, N. Y.		\$80,000	\$77,800
Schenectady		22,000	22,330
C. & O. Ry.		25,000	23,500
Detroit River Tunnel		50,000	46,500
Virginian Ry.		50,000	49,000
Portland (Ore.) Ry. G. & P.		50,000	46,000
Springfield (Mo.) Ry. & G.		50,000	44,500
Montana Power		25,000	22,500
Chicago Tl.		25,000	25,000
Illinois Steel		50,000	43,500
Insurance Exch. Bldg. 7 Chi.		25,000	25,000

Totals..... \$554,000 \$528,430

MISCELLANEOUS: This company was admitted to transact business September, 1914.

U. S. TRUSTEES: N. P. Hallowell, G. C. Lee, F. J. Higginson, Jr.

TERRITORY COVERED: The company is licensed in Ill., Mass., Mo., N. Y. and Pa.

MANNHEIM INSURANCE COMPANY, Mannheim, Germany.†

United States Managers, F. Hermann Co., New York. Organized, 1879.
(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$1,210,723	\$399,981	\$455,856	\$1,663,584	\$1,688,896	\$877,382	\$471,004	\$1,348,386	\$966,765	—\$53,125
1913	954,689	396,004	305,159	1,436,943	1,461,118	949,031	462,125	1,411,156	974,409	—108,499
1912	1,032,158	341,551	378,734	1,417,483	1,438,789	769,282	403,468	1,171,750	867,654	—99,853
1911	832,781	345,329	346,845	1,239,974	1,249,792	724,586	384,815	1,109,401	682,989	+7,138
1910	701,746	316,545	233,017	1,226,006	1,244,051	762,046	372,660	1,134,716	836,874	—100,237

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$896,300	Losses unpaid.....	\$324,833
Cash.....	18,027	Unearned premiums.....	399,981
Agents' balances.....	350,360	Other liabilities.....	39,553
Interest.....	10,966		
Other assets.....	4,761	Total Liabilities.....	\$754,367
		Surplus.....	455,856
Total.....	\$1,220,423		
Sp. dep. over lib.....	10,200		
Total ad. assets.....	\$1,210,223	Total.....	\$1,210,223

Underwriting profit, \$177,933; investment profit, \$36,489.

RISKS AND PREMIUMS: Marine and inland risks in force December 31, \$41,569,302; premiums thereon, \$759,760.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$18,099,775; losses paid, \$10,829,088.

BONDS OWNED:	Par Value.	Market Value.
Cincinnati add. wtd., 1927, 4%.....	\$50,000	\$51,000
Cleveland inter. cr., 1928, 4%.....	50,000	51,000
N. Y. C., sp. stk., 1915, 6%.....	100,000	100,250
N. Y. C., sp. stk., 1929, 24%.....	250,000	205,000
N. Y. C., sp. stk., 1920, 34%.....	100,000	97,000
N. Y. C., sp. stk., 1920-60, 44%.....	100,000	101,250
Insular Gov., Porto Rico, 1925, 4%.....	10,000	10,200

† Transacts marine business.

BONDS OWNED.—Cont.	Par Value.	Market Value.
B. & O. prior in., 1925, 34%.....	\$50,000	\$46,000
L. & N. R.R., unified, 1940, 4%.....	25,000	24,000
Un. Pac. R.R., 1st Ry. & I. g., 1947, 4%.....	100,000	97,000
Chi., B. & Q., jt., 1921, 4%.....	30,000	29,100
Chi., B. & Q., Den. Div. Ext., 1922, 4%.....	25,000	25,000
Totals (book value, \$874,106).....	\$890,000	\$836,800

MISCELLANEOUS: The company began business in the United States in 1887. It is capitalized at 10,000,000 marks, and its assets June 30, 1913, aggregated 27,844,325 marks, including 7,500,000 marks of stockholders' obligations. Confignation losses: Baltimore, 1904, \$7,763; San Francisco, 1906, \$25,450. This company is under the same United States management as the Union Marine of Liverpool. Value of special deposit in Porto Rico, \$10,200; deposit in Ohio, \$100,000.

UNITED STATES TRUSTEE: Metropolitan Trust Co., New York.

FIELD MEN AND TERRITORY COVERED: Geo. W. Neare, Gibbs & Co., Cincinnati, O.; Field & Cowles, Boston, Mass.; F. H. Osborn & Bro., Chicago, Ill. The company operates in Ala., Ariz., Cal., Conn., Del., D. C., Ill., Ind., Ia., Kan., Ky., La., Me., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. D., O., Okla., Ore., Pa., R. I., S. D., Tenn., Tex., Vt., Wash., W. Va. and Wis., and in the Dominion of Canada.

MARINE INSURANCE COMPANY, LTD., London, Eng.†

United States Managers, Chubb & Son, New York. Organized, 1836.
(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$1,311,482	\$181,740	\$639,986	\$956,141	\$989,289	\$497,546	\$259,993	\$757,539	\$666,646	—\$69,690
1913	997,999	187,528	510,307	784,654	816,517	453,936	325,994	779,930	439,852	157,265
1912	1,129,845	181,022	545,526	927,618	959,944	372,818	267,852	640,670	430,737	279,890
1911	1,104,129	202,238	570,867	758,306	789,213	327,656	255,101	582,656	316,446	120,146
1910	1,014,000	242,815	464,392	813,018	865,970	427,818	268,658	696,476	498,810	152,811

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$774,140	Losses unpaid.....	\$428,114
Int.....	351,104	Unearned premiums.....	181,740
Agents' balances.....	160,181	Other liabilities.....	61,642
Interest.....	6,722		
Other assets.....	10,235	Total Liabilities.....	\$671,496
		Surplus.....	639,986
Total assets.....	\$1,311,482	Total.....	\$1,311,482

Underwriting profit, \$16,621; investment profit, \$43,370.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$75,150,668; premiums thereon, \$298,720.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$14,685,361; losses paid, \$6,618,181.

BONDS OWNED:	Par Value.	Market Value.
United O. fire dept., 1925, 4%.....	\$100,000	\$102,000
Y. C. dock, 1920, 3%.....	210,000	199,500
Y. C. new aqueduct, 1921, 34%.....	25,000	24,000
Y. C. docks & ferries, 1923, 34%.....	5,000	4,400
Y. C. exp. tran., 1954, 34%.....	90,000	79,300
Y. C. wtd., 1954, 24%.....	10,000	8,800
Y. C. sp. stk., 1957, 44%.....	15,000	16,060

† Transacts marine business.

BONDS OWNED.—Cont.	Par Value.	Market Value.
N. Y. C., sp. stk., 1959, 4%.....	\$25,000	\$25,000
N. Y. C., sp. stk., 1960, 44%.....	137,000	138,370
B. & O. R.R., 1 m., 1948, 4%.....	25,000	23,250
C. & R. I. & P. Ry., 1 m., 1988, 4%.....	3,000	2,670
Den. & Rio G. R.R., imp. m., 1928, 5%.....	25,000	20,750
L. S. & M. So. Ry., 1 m., 1907, 34%.....	50,000	43,000
Manhattan Ry., ca. m., 1990, 4%.....	15,000	13,950
Pa. R.R., g. cv., 1915, 34%.....	15,000	15,000
Un. Pac. R.R., 1 m. & I. g., 1947, 4%.....	60,000	58,200
Totals (book value, \$798,882).....	\$810,000	\$774,140

MISCELLANEOUS: This company began business in the United States in 1884. It is under the same management in this country as are the Federal of Jersey City, the London Assurance (marine branch), Alliance Assurance and the Sea of Liverpool. The company has a subscribed capital of £1,000,000, of which £800,000 have been paid in. Value of deposit in Ohio, \$100,000.

UNITED STATES TRUSTEES: Guar. Tr. Co., New York.

TERRITORY COVERED: The company is licensed in Cal., Conn., Ill., Ia., Mass., Mich., Minn., Mo., N. J., N. Y., O., Ore., Pa., R. I., Wash., W. Va., Wis. and Can.

MARITIME INSURANCE COMPANY, Liverpool, Eng.†

Attorney, W. L. H. Simpson, New York.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	+ Rec'd from re (-) Remit. to H. O.
1914	\$310,096	\$33,966	\$255,285	\$60,069	\$71,069	\$31,970	\$17,679	\$49,649	\$38,067	—\$14,468
1913	268,871	40,113	216,665	27,760	40,731	111,106	19,011	130,117	21,023	—20,437
1912	282,006	39,514	217,179	109,929	120,129	97,580	12,023	110,573	91,934	+13,579
1911	364,839	42,935	212,777	80,127	90,327	87,841	15,894	103,735	168,306	+68,501
1910	311,571	61,524	208,068	135,441	144,669	125,263	13,402	138,665	113,127	+23,423

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds	\$268,750	Losses unpaid	\$15,363
Cash	21,376	Unearned prems.	33,966
Agents' balances	17,195	Other liabilities	5,412
Interest	2,805		
		Total liabilities	\$54,741
		Surplus	255,285
Total assets	\$310,026	Total	\$310,026

Underwriting profit, \$8,203; investment profit, \$15,902.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$2,565,193; premiums thereon, \$46,071.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$2,147,918; losses paid, \$1,681,512.

† Transacts marine business.

BONDS OWNED:		Par Value.	Market Value.
State of N. Y., canal imp., 1960-1, 4%...		\$50,000	\$51,000
New York Cy., op. stk., 1956, 4%		100,000	99,000
Buffalo Cy., 1958, 4%		100,000	97,000
N. Y. & Putnam R.R., 1 g., 1903, 4%		25,000	21,750
Totals (book value, \$278,367)		\$275,000	\$268,750

MISCELLANEOUS: This company is licensed to transact marine insurance in California, and was admitted to New York State in 1908. Its home office statement as of December 31, 1913, showed total assets amounting to £581,361, with a paid-up capital of £100,000.

MINERVA RETROCESSIONS AND REINSURANCE COMPANY,
Cologne, Germany.

United States Manager, Edwin M. Cragin, New York City. Organized, 1886.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec from re (-) Remit. to H. O.
1914	\$767,116	\$436,359	\$236,045	\$586,974	\$616,982	\$387,333	\$198,311	\$585,644	\$406,376	—\$29,115
1913	750,062	398,140	282,259	589,143	611,661	275,182	198,837	474,019	289,953	—6,465
1912	623,323	309,853	263,500	553,884	573,563	121,676	175,340	297,015	161,205	—158,104
1911	*509,000	*139,210	471,052							

* Bonds. † Also \$2,871 unpaid losses.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds	\$742,050	Losses unpaid	\$88,712
Agents' balances	17,604	Unearned prems.	436,359
Interest	7,462	Other liabilities	6,000
		Total liabilities	\$531,071
		Surplus	236,045
Total assets	\$767,116	Total	\$767,116

Underwriting loss, \$62,306; investment profit, \$45,108.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$78,145,496; premiums thereon, \$803,324.

BUSINESS SINCE ADMISSION TO U. S.: Premiums received, \$1,730,001; losses paid, \$771,933.

BONDS OWNED:		Par Value.	Market Value.
U. S., reg., 1925, 4%		\$100,000	\$111,000
N. Y. Cy., reg., 1959-58, 4%		210,000	210,000

BONDS OWNED.—Cont.		Par Value.	Market Value.
N. Y. Cy., reg., 1962-60, 4½%		\$235,000	\$240,550
So. Pac. R. R., 1 r., 1955, 4%		50,000	46,000
Chi. & Nwn. Ry., gn., 1937, 4%		50,000	47,500
Del. & Hud. 1 r., 1945, 4%		50,000	49,000
N. Y., C. & St. L. R. R., 1 m., 1937, 4%		40,000	38,000
Totals (book value, \$743,894)		\$735,000	\$742,050

MISCELLANEOUS: This company was established in 1886, and on December 31, 1913, possessed home office cash assets amounting to \$5,232,520. It entered New York State January 2, 1912.

UNITED STATES TRUSTEES: Ralph L. Cutter, Woodbury Langdon, Otto L. Dommerich, N. Y.

TERRITORY COVERED: The company is licensed in Ark., Colo., Conn., Ill., Del., La., Miss., Mont., N. J., N. Y., N. C., O., Pa., Tex., W. Va., Mich. and Mass.

MOSCOW FIRE INSURANCE COMPANY, Moscow, Russia.

United States Manager, Paul E. Rasor, New York. Organised, 1858.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$2,077,817	\$1,210,268	\$631,937	\$1,624,457	\$1,702,520	\$1,094,491	\$534,042	\$1,628,533	\$1,106,838	.....
1913	1,945,534	1,176,490	539,481	1,509,408	1,678,356	929,660	522,955	1,452,615	967,918	-250,000
1912	1,970,908	1,169,580	610,122	1,507,078	1,666,602	970,057	522,283	1,492,340	950,494	-76,538
1911	1,924,429	1,145,038	568,617	1,591,619	1,659,592	931,783	520,804	1,452,587	926,198	-100,800
1910	1,828,921	1,147,283	462,926	1,668,902	1,732,026	806,153	518,336	1,324,488	868,328	-300,000

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks...	\$1,857,480	Losses unpaid.....	\$197,465
Cash.....	148,095	Unearned premiums.....	1,310,268
Agents' balances.....	50,644	Other liabilities.....	38,147
Interest.....	15,578		
		Total liabilities.....	\$1,445,880
		Surplus.....	631,937
Total assets.....	\$2,077,817	Total.....	\$2,077,817

Underwriting loss, \$41,186; investment profit, \$133,642.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$246,243,727; premiums thereon, \$2,374,890.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$17,619,781; losses paid, \$9,902,644.

BONDS OWNED:		Par Value.	Market Value.
Cleveland, O., reg., 1925, 4%.....		\$100,000	\$101,000
Los Angeles, Cal., imp., 1934, 4½%.....		75,000	75,750
N. Y. C., Cp. stk., 1925-49, 3½%.....		236,500	219,270

BONDS OWNED.—Cont.		Par Value.	Market Value.
N. Y. C., cp. stk., 1955-59, 4%.....		\$1,068,000	\$1,068,320
N. Y. C., cp. stk., 1962, 4½%.....		238,000	245,140
N. Y. C., cs. stk., 1915, 3½%.....		1,000	1,000
Woonsocket, R. I., r., 1931, 3½%.....		50,000	45,000
A. T. & S. F. Ry., 1 w. m., 1903, 4½%.....		75,000	73,500
Cent. New Eng. Ry., 1 g., 1901, 4%.....		50,000	38,500

Totals (book value, \$1,933,546)..... \$1,898,500 \$1,837,490

MISCELLANEOUS: This company began business in the United States, January 1, 1900. It transacts reinsurance business only in this country. Conflagration losses: Baltimore, 1904, \$23,583; San Francisco, 1906, \$376,735. Value of deposit in Ohio, \$100,000.

UNITED STATES TRUSTEE: Bankers Tr. Co., N. Y.

TERRITORY COVERED: The Moscow is licensed in Colo., Del., Ill., La., Mass., Mich., Miss., Mont., Nev., N. H., N. Y., N. C., O., Pa., Tex., W. Va., Ia. and Ark.

MUNICH REINSURANCE COMPANY, Munich, Bavaria.

United States Manager, Carl Schreiner, Hartford, Conn.; Secretary, O. Ehmman, Hartford, Conn. Organised, 1890.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$6,891,598	\$4,425,234	\$1,436,676	\$6,177,479	\$6,458,728	\$3,903,207	\$1,831,465	\$5,734,672	\$4,073,117	-\$236,257
1913	6,417,941	4,163,837	1,463,326	5,698,479	5,996,529	3,650,390	1,628,096	5,278,486	3,551,910	-380,906
1912	6,371,344	3,793,685	1,693,401	5,240,491	5,589,839	3,157,621	1,606,976	4,764,597	3,208,182	-384,842
1911	6,026,536	3,382,140	1,732,761	5,004,871	5,239,550	2,052,498	1,438,008	4,541,104	3,019,876	-481,975
1910	5,766,357	3,094,589	1,787,148	4,848,583	5,056,167	2,640,223	1,354,519	3,994,742	2,729,102	-405,172

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks.....	\$5,605,430	Losses unpaid.....	\$350,688
Cash.....	1,044,968	Unearned premiums.....	4,425,234
Agents' balances.....	72,412	Other liabilities.....	30,000
Interest.....	78,788		
		Total liabilities.....	\$5,405,922
		Surplus.....	1,485,676
Total assets.....	\$6,891,598	Total.....	\$6,891,598

Underwriting loss, \$782; investment profit, \$309,388.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$73,712,726; premiums thereon, \$3,151,498.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$61,270,006; losses paid, \$37,406,964.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
U. S. gov. reg. g., 1925, 4%.....		\$240,000	\$266,400
U. S. gov. c. g., 1925, 4%.....		50,000	55,500
U. S. gov. reg. g., 1918, 3%.....		100,000	101,000
Mass. State, reg. g., 1931, 3%.....		100,000	88,000
N. Y., State, canal imp., reg., 1958, 3%.....		50,000	49,500
N. Y. C., reg. g., 1917-28, 3½%.....		190,000	182,900
N. Y. C., reg. g., 1955, 4%.....		5,000	4,950
A. T. & S. Fe Ry. cv., 1900-55, 4%.....		107,000	104,000
A. T. & S. Fe Ry. cv., 1917, 5%.....		53,000	53,530
A. T. & S. Fe Ry. gn. m., 1905, 4%.....		100,000	88,000
Atl. C. L. R.R., 1 m., 1933, 4%.....		75,000	70,500
A. C. L. R.R., L. & N. col., 1952, 4%.....		25,000	23,000
A. & D. R.R., 1 m., 1948, 4%.....		30,000	26,700
B. & O. R.R. Swa. Div., 1925, 3½%.....		75,000	68,250

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
B. & O. R.R., prior ln., 1925, 3½%.....		\$60,000	\$55,300
B. & O. R.R., eq., 1919-23, 4½%.....		50,000	50,000
Birm. Ry. L. & P., gn. r., 1954, 4½%.....		11,000	9,900
B'way & 7th Ave. R.R., 1 m., 1943, 5%.....		5,000	5,150
Bklyn Un. El. R.R., 1 m., 1950, 5%.....		50,000	51,500
Can. So. Ry. co. gr. ser. A, 1962, 5%.....		100,000	106,000
Cent. of Ga. R.R., cs. m., 1945, 5%.....		61,000	64,050
C. R. R. N. J., gn. m., 1987, 5%.....		5,000	5,850
Cent. Pac. Ry., 1 r. m., 1949, 4%.....		75,000	70,500
C. & O. Ry. R. & A. Div., 1 cs. m., 1989, 4%.....		5,000	4,450
C. & O. Ry., gn. m., 1992, 4½%.....		75,000	70,500
C. & O. Ry., cv., 1930, 4½%.....		25,000	20,000
Chi. & A. R.R., r. m., 1949, 3%.....		50,000	30,000
C. B. & Q. R.R., gn. m., 1958, 4%.....		75,000	70,500
C. & E. Ill. R.R., gn. cs. 1 m., 1937, 5%.....		25,000	18,750
Chi. & E. Ill. R.R., r. & imp., 1955, 4%.....		50,000	12,500
C. & W. Ind. R.R., cs. m., 1952, 4%.....		50,000	42,000
C., L. S. & E. Ry., 1 m., 1969, 4½%.....		25,000	23,750
C. M. & P. S. Ry., 1 m., 1949, 4%.....		100,000	93,000
C. M. & St. P. Ry., gn. m., 1989, 4½%.....		100,000	108,000
C. R. I. & Pac. R.R., 2002, 4%.....		75,000	18,750
C. R. I. & Pac. Ry., r., 1934, 4%.....		50,000	36,000
C. I. St. L. & C. R.R., 1936, 4%.....		10,000	9,100
C. C. C. & St. L. R.R., gn. m., 1993, 4%.....		39,000	30,030
Colo. & So. Ry., r. & ext., 1935, 4½%.....		50,000	44,000
Del. & Hud., cv. d., 1916, 4%.....		50,000	49,500
Del. & H., 1 & r. m., 1943, 4%.....		100,000	98,000
Det. & Mackinac R.R., 1 ln., 1995, 4%.....		100,000	86,000
Det. Tr. & Tunnel, 1 m., 1961, 4½%.....		50,000	46,500
Erie R.R., gn. ln., 1996, 4%.....		50,000	36,500
Erie R.R., prior ln., 1996, 4%.....		25,000	21,000

MUNICH REINSURANCE COMPANY, Munich, Bavaria.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.	BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.				BONDS.—Cont.			
Erie R.R. col. n., 1917, 54%.....		\$100,000	\$99,000	So. Ry. secured notes, 1917, 5%.....		\$75,000	\$74,250
Erie R.R. Pa. col. tr., 1951, 4%.....		50,000	45,000	So. Ry. St. L. Div., 1 m., 1951, 4%.....		25,000	21,750
Fla. West Shore Ry., 1 m., 1934, 5%.....		25,000	22,750	St. L., I. Mtn. & So. Ry. g.n.c., 1931, 5%.....		25,000	25,500
Pt. Worth & Rio G. R.R., 1 m., 1928, 4%.....		25,000	13,750	St. L. & San F. R.R., r. m., 1951, 4%.....		150,000	94,500
Hocking Val. Ry., 1 cs. m., 1999, 44%.....		30,000	30,800	St. L. Swn. R.R., 1 m., 1989, 4%.....		50,000	42,000
Ill. C. R.R. r. m., 1955, 4%.....		50,000	46,000	Tol. & O. Cent. Ry., 1 m., 1935, 5%.....		12,000	12,600
Ill. C. R.R., St. L. Div., 1951, 34%.....		25,000	20,500	T., & O. C. Ry., 1 m. West. Div., 1935, 5%.....		15,000	15,900
Kanawha & Mich. Ry., 1 m., 1990, 4%.....		10,000	8,700	Un. Pac. R.R. 1 ln. & r., 2008, 4%.....		50,000	47,500
K. Cy., Ft. S. & M. Ry., r., 1936, 4%.....		78,000	56,940	Un. Pac. R.R., 1 m., 1947, 4%.....		75,000	72,750
Kan. Cy. So. Ry., 1 m., 1950, 3%.....		150,000	103,500	Un. Pac. R.R., cv., 1927, 4%.....		150,000	136,500
K. Cy. So. Ry., r. & imp., 1950, 5%.....		100,000	96,000	United R.R. of San Fran., 1927, 4%.....		75,000	39,750
Lake Erie & W. R.R., 1 m., 1937, 5%.....		4,000	4,080	Wab. R.R., 1 m., 1939, 5%.....		34,000	35,020
Lake Sh. & Mich. So. Ry., 1928-31, 4%.....		100,000	94,500	Wab. R.R. Om. Div., 1 m., 1941, 34%.....		50,000	32,500
L. & N. R.R., St. L. Div., 2 m., 1980, 3%.....		16,000	10,080	West Sh. R.R., 1 m., 2361, 4%.....		50,000	46,500
M., D. & Sav. R.R., 1 m., 1947, 5%.....		20,000	19,400	W. Md. R.R., 1 m., 1952, 4%.....		75,000	46,500
Man. Ry. cs. m., 1900, 4%.....		25,000	23,250	W. N. Y. & Pa. R.R., gn., 1943, 4%.....		20,000	15,600
Minn., St. P., S. Ste. M. Ry., 1938, 4%.....		30,000	28,500	W. Pac. Ry., 1 m., 1933, 5%.....		75,000	32,250
Mo., Kan. & T. R.R., 1 m., 1990, 4%.....		25,000	17,500	Wheeling & Lake Erie R.R., 1 cs., 1949, 4%.....		25,000	18,500
Mo., Pac. Ry., 1 col., 1920, 5%.....		25,000	24,250	Wis. Cent. Ry., 1 gn. m., 1949, 4%.....		74,000	65,120
N. Y., C. & St. L. R.R., d., 1931, 4%.....		25,000	21,000	Amer. Dock & Imp., 1 m., 1921, 5%.....		5,000	5,250
N. Y., N. H. & H. R.R., cv. d., 1948, 6%.....		7,000	7,420	Ca. Ind. Coal, 1 m., 1935, 5%.....		25,000	17,500
N. Y., N. H. & H. R.R., cv. d., 1956, 34%.....		90,000	61,200	Lackawanna Steel, 1 m., 1923, 5%.....		21,000	19,110
N. Y., O. & W. Ry., gn. m., 1955, 4%.....		100,000	79,000	Lackawanna Steel, 1 cs. m., 1950, 5%.....		15,000	10,650
N. & W. Ry., cs. m., 1996, 4%.....		50,000	48,000	STOCKS.			
N. & W. Ry., cv., 1932, 4%.....		37,000	38,850	A., T. & Santa Fe R.R., p.....		25,000	25,750
N. & W. Ry., cv., 1938, 44%.....		3,000	3,150	N. Y., N. H. & H. R.R.....		18,800	9,240
N. P. Gt. No. Jt. C. B. & Q. col., 1921, 4%.....		100,000	97,000	Norfolk & Western R.R., p.....		20,000	17,800
No. Pac. R.R. gn. ln. & l. g., 2047, 3%.....		50,000	33,500	Pa. R.R.....		75,000	63,250
No. Pac. R.R. prior ln., 1997, 4%.....		25,000	23,750	Ca. Gas, N. Y.....		25,000	32,250
No. Pac. R.R. St. P., Dul. Div., 1996, 4%.....		50,000	45,000				
Ore. R.R. & Nav., cs., 1946, 4%.....		50,000	46,500				
Ore.-Wash. R.R. & Nav. Co., 1 & r. m., 1961, 4%.....		100,000	89,000				
Pa. R.R., cv., 1915, 34%.....		200,000	200,000				
Pa. Co., 1921, 44%.....		25,000	25,500				
P., C. & St. L. Ry., cs. m., 1963, 44%.....		50,000	52,000				
Reading Co., gn. m., 1997, 4%.....		50,000	47,500				
Rio Grande Western R.R., 1 m., 1939, 4%.....		20,000	16,000				
San A. & Aransas Pass, 1 m., 1943, 4%.....		50,000	41,000				
Seab. Air Line Ry., A-B Div., 1933, 4%.....		50,000	42,500				
Seaboard Air Line Ry., r. m., 1959, 4%.....		100,000	74,000				
So. Pac. Co., cv., 1929, 4%.....		100,000	86,000				
So. Pac. R.R., 1 r. m., 1955, 4%.....		75,000	69,000				
So. Pac. R.R. Cent. Pac. col., 1949, 4%.....		25,000	23,500				

Totals (book value, \$4,271,910)..... \$6,448,800 \$5,695,430

MISCELLANEOUS: This company began business in the United States in 1898, writing fire reinsurance only. In other countries the Munich transacts reinsurance of fire, accident, burglary, elevator, fidelity, hail, fire, marine, plate glass, steam boiler, surety and tornado business. Its home office statement June 30, 1914, showed assets \$69,274,514. Its capital is \$7,500,000. Head office, general manager, C. Thieme. Configuration losses: Baltimore, 1904, \$500,000; San Francisco, 1906, \$2,750,000. Deposit in Ohio, \$100,000.

UNITED STATES TRUSTEES: Walter T. Rosen, Isaac N. Seligman, Hermann Sielcken, N. Y.

NATIONALE FIRE INSURANCE COMPANY, Paris, France.

Managers, Starkweather & Shepley, Inc., Providence, R. I. Organized, 1820.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$804,161	\$216,291	\$430,248	\$375,722	\$300,764	\$182,676	\$109,089	\$291,765	\$189,608	—\$1,125
1913	708,202	194,115	393,676	271,194	295,686	121,427	100,712	222,139	129,418	.....
1912	637,924	137,528	395,565	214,448	237,770	115,472	69,502	184,974	115,217	—40,000
1911	643,823	93,524	457,679	129,901	152,800	44,491	50,608	95,099	59,860	—2,181
1910	585,495	43,410	\$517,297	65,774	70,102	.....	810	810	3,740	+ 502,000

* With reserve on monthly pro rata basis, \$510,250.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$538,290	Losses unpaid.....	\$40,285
Cash.....	126,593	Unearned prem.....	216,291
Agents' balances.....	107,434	Other liabilities.....	117,337
Interest.....	6,998		
Other assets.....	35,490	Total liabilities.....	\$373,913
Total.....	\$804,161	Surplus.....	430,248
Spl. dep. over liab..	10,644		
Total assets.....	\$804,161	Total.....	\$804,161

Underwriting profit, \$11,145; investment profit, \$26,552.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$43,845,144; premiums thereon, \$393,457.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$957,039; losses paid, \$457,557.

BONDS OWNED:	Par Value.	Market Value.
Atl. Ga., redemp., 1920, 4%.....	\$10,000	\$9,800
Clev., O., wat. wks., 1940, 4%.....	100,000	103,000
N. Y. C., op. stk., 1965-56, 4%.....	216,000	213,840
Richmond, Va., pub. imp., 1943, 4%.....	25,000	23,250
N.Y.C. & H.R.R.R., L.S. col. g., 1998, 34%.....	100,000	78,000

BONDS OWNED.—Cont.	Par Value.	Market Value.
So. Pac. R.R., 1 r. m. g., 1955, 4%.....	\$120,000	\$110,400
Totals (book value, \$534,610).....	\$571,000	\$538,290

MISCELLANEOUS: This company's home office statement as of December 31, 1910, showed total assets of \$30,612,138 (including \$13,324,769 of premiums of future years). Its paid-up capital is \$1,500,000. Special deposits: Ohio, \$100,000; Va., \$23,250; Ga., \$9,800.

UNITED STATES TRUSTEES: Bankers Trust Co., N. Y.

FIELD MEN AND TERRITORY COVERED: Emil G. Pieper, superintendent of agencies, Providence, R. I.; Harry K. Rowe, special agent for New England, New Haven, Conn.; C. B. Burke, special agent, Philadelphia, Pa.; for Pa., Md. and N. J.; R. A. Osborne, special agent for No. N. J. and So. N. Y.; F. B. Decker, Rochester, N. Y.; for N. Y.; J. D. Fry, So. Boston, Va.; for N. C., Va. and part of Tenn.; George A. Cram, Columbus, O.; for W. Va., O. and Ky.; John D. Pollock, for Mich., Minn., Ind. and W. Ky.; Fay Morrissey, Chicago, Ill.; for Ill., Neb., Mo. and Wis.; Gordon Williams, Atlanta, Ga.; and J. R. Cothran, assistant special agent for Ga., Fla. and S. C. The company operates in Colo., Conn., D. C., Fla., Ga., Ill., Ind., Ky., La., Md., Mass., Mich., Minn., Mo., Neb., N. J., N. Y., N. C., O., Ore., Pa., R. I., S. C., Tenn., Va., Wash. and Wis.

NETHERLANDS FIRE AND LIFE INSURANCE COMPANY, The Hague, Holland.

United States Manager, H. W. Letton; Assistant Manager, G. S. Valentine, Chicago, Ill. Established 1845.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$958,285	\$354,500	\$567,252	\$424,187	\$453,465	\$142,778	\$165,243	\$308,021	\$165,667	+ \$20
1913	806,453	175,203	512,938	264,419	283,904	21,296	116,409	137,705	33,742	+122,618

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$764,380	Losses unpaid.....	\$38,146
Cash.....	66,604	Unearned prems.....	354,500
Agents' balances.....	116,670	Other liabilities.....	8,387
Interest.....	7,531	Total liabilities.....	\$401,033
Other assets.....	100	Surplus.....	557,252
Total assets.....	\$958,285	Total.....	\$58,285

Underwriting loss, \$99,234; investment profit, \$43,528.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$53,673,085; premiums thereon, \$553,405.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$683,607; losses paid, \$161,262.

BONDS OWNED.		Par Value.	Market Value.
Akron, O., 1921-3, 5 1/2%.....		\$25,000	\$26,600
Berkley, Cal., 1924-41, 5%.....		15,000	15,290
Cincinnati, 1933, 4 1/2%.....		25,000	26,000
Cleveland, 1931, 4 1/2%.....		26,000	27,300
Dayton, O., 1929-31, 5%.....		25,000	27,100
Harris Co., Tex., 1953-4 1/2%.....		35,000	35,000
Houston, Tex., 1939, 4 1/2%.....		10,000	10,000
New York Cy., 1915-52, 3 1/2%.....		\$60,000	\$47,190
Amer. Tl. & Tg. co., 1929, 4%.....		4,000	3,560

BONDS OWNED.—Cont.		Par Value.	Market Value.
New York Tl., 1 gn. m., 1939, 4 1/2%.....		\$6,000	\$5,880
Atch., T. & S. Fe. gn. m., 1935, 4%.....		10,000	9,600
C., B. & Q., gn. m., 1958, 4%.....		13,000	12,230
Ill. Cent. R. R., 1953, 4%.....		10,000	9,000
Louis. & Nash. R. R., 1940, 4%.....		10,000	9,600
M. K. & T. Ry., 1 m., 1990, 4%.....		15,000	12,900
Norw. & W. Ry., ca. m., 1990, 4%.....		10,000	9,600
No. Pac., prior in., 1997, 4%.....		10,000	9,500
Union Pac., 1 m., 1947, 4%.....		12,000	11,640
Kings Co., Wash., 1933, 5%.....		10,000	10,400
Memphis, Tenn., 1953-4, 5%.....		35,000	36,400
Salt Lake City, Utah, 1930, 4%.....		10,000	9,600

Totals (book value, \$776,351)..... \$760,000 \$764,280

MISCELLANEOUS: This company formerly transacted business in the United States, but withdrew in 1905. It re-entered the United States in 1913. The managers of this company are also managers of the Prussian National of Stettin and employ the same field force. Deposit in O., \$100,000.

UNITED STATES TRUSTEE: Harris Trust & Savings Bank.

TERRITORY COVERED: The company is licensed in Cal., Colo., Conn., Ill., Ind., Ia., La., Md., Mass., Mich., Minn., Mo., Neb., N. J., N. Y., N. C., O., Ore., Pa., R. I., Tex., Utah, Wash. and Wis.

NEW ZEALAND INSURANCE COMPANY, LTD., Auckland, New Zealand.

United States Managers, Clinton Folger, W. M. Speyer, San Francisco. Organised, 1859.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$830,786	\$341,987	\$430,149	\$478,941	\$512,506	\$233,021	\$194,731	\$427,752	\$246,067	\$-64,235
1913	813,175	409,802	355,654	500,904	532,830	220,843	212,351	433,194	224,929	-89,757
1912	822,914	407,379	363,452	500,481	533,319	150,088	206,641	356,729	143,485	-172,625
1911	831,530	406,757	367,437	525,884	554,861	163,055	197,671	360,726	168,228	-141,790
1910	754,152	383,618	338,086	523,523	544,194	192,766	202,625	395,391	183,762	-73,347

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$240,000	Losses unpaid.....	\$24,993
Bonds and stocks.....	441,173	Unearned prems.....	341,987
Cash.....	56,731	Unpaid prems.....	13,215
Agents' balances.....	76,579	Other liabilities.....	10,442
Interest and rents.....	6,304	Total liabilities.....	\$390,637
Total assets.....	\$830,876	Surplus.....	430,149
		Total.....	\$820,876

RISKS AND PREMIUMS: Fire risks in force, December 31, \$46,862,474; premiums thereon, \$665,456.

BUSINESS SINCE ADMISSION: Premiums received, \$8,069,294; losses paid, \$5,576,370.

REAL ESTATE OWNED: Consists of one piece 60 feet by 124 feet, north side California st., between Sansome and Battery sts., San Francisco, Cal., and 3-story brick building built in 1909 and 1910. Book value, \$227,900. Rents received in 1913, \$14,965; taxes and expenses, \$6,265.

BONDS OWNED:		Par Value.	Market Value.
Commonwealth of Mass., ex.....		\$200,000	\$194,000
Los Angeles, Cal., Wat. Wks.....		40,000	39,600
Oakland, Cal., Minn. imp.....		35,000	34,649

BONDS OWNED.—Cont.		Par Value.	Market Value.
Kern Co., Cal., a. h.....		\$30,000	\$29,406
Whittier, Cal., ac.....		20,000	20,201
San Joaquin, highway.....		25,000	25,676
Cy. & Co., San Francisco, Cal.....		25,000	25,325
Los Angeles, aqueduct.....		25,000	24,115
San Diego, Co., Cal., highway.....		15,000	14,474
Los Angeles Co., Cal., highway.....		35,000	33,823
Totals.....		\$450,000	\$441,172

MISCELLANEOUS: This company has been operating in the United States in Pacific Coast territory since 1875. Its home office statement as of November 30, 1914, showed \$6,538,445 of assets. The paid-up capital is \$2,250,000. San Francisco, 1906, conflagration loss, \$1,749,060.

FIELD MEN AND TERRITORY COVERED: Clinton Folger and Walter M. Speyer, joint managers, San Francisco, Cal., of U. S. branch. Special agents: W. G. Fortmann, Portland, Ore.; D. A. Parker, San Francisco, Cal.; Frederic Williams, Denver, Colo.; C. P. Lyndall, Los Angeles, Cal.; Volney Sebeck, Spokane, Wash.; R. E. Oehlmann, San Francisco, Cal. The company operates in Alas., Ariz., Cal., Colo., Haw., Ida., Mont., Nev., Ore., Utah, Wash., Wyo. and B. C.

NORD-DEUTSCHE INSURANCE COMPANY, Hamburg, Germany.

U. S. Manager, J. H. Lenehan, New York; U. S. Marine Managers, F. Herrmann & Co., New York. Organized, 1857.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	Rec'd from H. O.
1914	\$1,776,370	\$639,592	\$938,771	*\$1,307,593	\$1,362,777	*\$675,110	\$477,751	\$1,152,561	\$731,933	+\$116,027
1913	1,433,465	472,262	853,834	\$973,988	907,200	466,836	323,540	790,376	521,292	490,073
1912	882,862	287,983	519,931	433,160	449,581	123,764	159,750	283,514	119,311	65,000
1911	650,294	148,003	461,144	191,301	197,739	8,856	74,965	80,821	36,079	630,000

* Includes \$594,544 marine premiums and \$215,545 marine losses.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.		BONDS OWNED.—Cont.		Par Value.	Market Value.
Bonds	\$1,411,510	Losses unpaid	\$163,607	N. Y., W. & B. Ry., 1 m., 1946, 4½%		\$25,000	\$17,500
Cash	201,074	Unearned premis.	639,592	Ore. S. L. R. R., r. g., 1929, 4%		25,000	23,000
Agents' balances	144,719	Other liabilities	34,400	Ore.-Wash. R. R. & Nav., 1 r.m., 1961, 4%		60,000	53,400
Interest	18,867			Southern Pacific R. R., 1 r., 1955, 4%		50,000	46,000
Other assets	200	Total liabilities	\$337,599	West Shore R. R., reg. 1 gr. m., 2361, 4%		10,000	9,200
		Surplus	938,771	Inter-Borough R. T., 1966, 5%		25,000	24,750
Total assets	\$1,776,370	Total	\$1,776,370	So. Pac., 1929, 4%		25,000	21,500
				No. Pac. Ry., 2047, 4½%		25,000	24,000
				N. Y. Connecting Ry., 1953, 4½%		30,000	29,100
				Bklyn. R. T., 1918, 5%		35,000	35,000
				C. M. & St. P. R.R., 2014, 4½%		25,000	24,000
				Ill. Cent., 1918, 5%		29,000	29,000
				Totals (book value, \$1,408,974)		\$1,448,000	\$1,411,510

Underwriting loss, \$113,459; investment profit, \$82,369.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$90,131,605; premiums thereon, \$1,020,574; marine and inland risks in force, \$7,174,400; premiums thereon, \$170,610.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$2,801,042; losses paid, \$1,245,006.

BONDS OWNED.		Par Value.	Market Value.
Austrian Gov., n., "B." 1915, 4½%		\$12,000	\$12,000
Americus, Ga., sr., 1943, 5%		5,000	5,200
Decatur, Ga., sr., 1942, 5%		5,000	5,000
Cleveland, O., wtr. wks., 1945, 4½%		100,000	107,000
New York City, corp. stk., 1955, 4%		155,000	53,450
New York City, g. ex. corp. stk., 1959, 4%		85,000	85,000
New York City, corp. stk., 1956-58, 4%		13,000	12,960
New York City, corp. stk., 1960-62, 4½%		170,000	175,100
New York City, 1915, 6%		100,000	100,000
A. T. & S. Fe Ry., gn. m., 1995, 4%		30,000	28,800
B. & O. R. R., cv., 1933, 4½%		57,000	52,440
C. B. & Q. R. R., 1958, 4%		15,000	14,800
C. M., Pt. S. Ry., 1 m., 1949, 4%		50,000	46,500
C. M. & St. P. R. R., gn. m., 1989, 4½%		50,000	51,500
C. & Nw. Ry., gn. m., 1987, 4%		50,000	47,500
C. R. I. & P. Ry., 1988, 4%		15,000	13,850
Gr. No. Ry., gn. m., 1961, 4½%		7,000	7,070
Ill. Central R. R., r. m., 1955, 4%		50,000	46,000
Ill. Central R. R., g. n., 1914, 4½%		50,000	50,000
Ill. Central R. R., jt. 1 r., 1963, 5%		25,000	25,750
L. S. & M. S. Ry., g. n., 1928, 4%		25,000	23,500
Leh. Val. R. R., g. gn. m., 2003, 4½%		25,000	24,750
L. & N. R. R., eq. n., 1915-16, 5%		15,000	15,080
Mil., Sp. & N. W. Ry., 1 m. r., 1947, 4%		25,000	23,000

MISCELLANEOUS: This company was established in 1857 and its subscribed capital is 16,000,000 marks and its paid-up capital, 4,000,000 marks. Deposit in Ohio, \$100,000; in Ga., \$10,200; in N. Y., \$423,000.

UNITED STATES TRUSTEE: Farmers Loan & Trust Co., New York.

FIELD MEN AND TERRITORY COVERED: E. L. Rickards, State agent, Insurance Exchange Bldg., Chicago, Ill., western territory; John M. Stoney, Jr., and C. G. App, special agents, 123 William st., New York City, eastern territory; Jos. S. Murdy, special agent, 108 Water st., Boston, Mass., eastern territory; John M. Thomas & Co., general agents, Dallas, Tex., territory covered: Tex., Okla., Ark., La.; Rhett & O'Beirne, general agents, Atlanta, Ga., territory covered: Ga., N. C., Ala. and Fla.; H. T. Lamey, general agent, Denver, Colo., territory covered: Colo., Kan., Neb., N. D. and S. D.; H. C. Hare, Jacksonville, Fla., general agents automobile business; D. D. Thomas, special agent, Carrollton, Mo., for Mo.; L. H. Schweer, Cincinnati, O., special agent for O.; A. N. McDougall, Detroit, Mich., special agent for Mich.; L. G. Feyen, Portland, Ore., state agent for Ore. and Wash. The company is licensed in all the states and territories excepting Alas., Ariz., Cal., D. C., Haw., Ida., Me., Miss., Mont., Nev., N. M., P. I., P. R., S. C., Tenn., Utah, Vt., Va., Wash. and Wyo.

NORTH BRITISH AND MERCANTILE INSURANCE COMPANY,
London, England, and Edinburgh, Scotland.

United States Manager, E. G. Richards; Assistant Manager, J. F. Hastings; Secretary, Robert Newbould, New York. Organized, 1809.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$8,926,951	\$4,705,483	\$3,628,638	\$4,855,276	\$5,226,318	\$3,279,431	\$1,852,814	\$5,132,245	\$3,315,805	—\$80,728
1913	8,787,076	4,849,874	3,380,216	5,210,878	5,548,605	2,739,980	1,976,108	4,716,088	2,787,422	—735,435
1912	8,908,913	4,700,793	3,742,696	4,907,132	5,239,930	2,847,363	1,850,042	4,697,410	2,612,390	—552,119
1911	9,139,794	4,786,863	3,736,693	4,568,689	5,881,505	2,865,918	1,954,713	4,820,631	2,923,325	—310,334
1910	8,296,559	4,141,331	3,644,897	4,732,635	5,030,790	2,399,711	1,703,686	4,103,397	2,436,511	—609,195

Unearned premiums include amounts reclaimable on perpetual policies. † According to Massachusetts statement.

NORTH BRITISH AND MERCANTILE INSURANCE COMPANY, London, Eng.—*Con.*

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$7,695,944	Losses unpaid	\$494,297
Cash	253,604	Unearned prem.	4,666,907
Agent's balances	573,081	Perp. dep. recd.	38,576
Interest	85,401	Other liabilities	98,533
Other assets	8,931		
		Total liabilities	\$5,298,313
		Surplus	3,628,638
Total assets	\$8,926,951	Total	\$8,926,951

Underwriting loss, \$141,044; investment profit, \$428,342.

RISKS AND PREMIUMS: Fire risks in force (except perpetuals), December 31, \$1,016,051,139; premiums thereon, \$9,159,774; perpetual fire risks, \$1,377,820; deposit premiums thereon, \$40,808.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$121,728,882; losses paid, \$71,580,899.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
U. S. Gov., reg., 1925, 4%		\$210,000	\$233,100
U. S. Gov., reg., 1918, 3%		5,000	5,050
Albuquerque, N. M., sr., reg. c., 1929, 4%		10,000	10,000
Boston, highway, reg., 1915, 4%		35,000	35,000
Boston, Stony Brook, imp. scrip., reg., 1917, 4%		80,000	80,000
Bklyn., N. Y., Wallabout Mkt. prop., reg., 1925, 3%		15,000	14,100
Bklyn., N. Y., ext. of wat. reg., 1925, 3%		15,000	14,100
Ca. r. reg., 1920, 3%		10,000	9,900
N. Y. C. Bklyn. Mus. of A. & S., reg., 1920, 3%		60,000	56,400
N. Y. C. Bklyn. sea. reg., 1940, 3%		15,500	16,550
N. Y. C. op. skt., reg., 1957, 4%		80,000	85,600
N. Y. C. op. skt., reg., 1957, 4%		102,000	109,140
N. Y. C. dock ha., reg., 1927, 3%		200,000	188,000
N. Y. C. docks & ferries, reg., 1940, 3%		66,500	69,850
N. Y. C. ext. of Bklyn. wat. reg., 1937, 3%		100,000	91,000
N. Y. C. new aq. ba., reg., 1964, 3%		20,000	17,600
N. Y. C. New H. of Rec., reg., 1940, 3%		150,000	135,000
N. Y. C. pub. pks. imp. reg., 1929, 3%		130,000	120,900
N. Y. C. R. T., reg., 1949, 3%		40,000	35,600
N. Y. C. rep. vat. reg., 1940, 3%		170,000	153,000
N. Y. C. sc. ha. & miter, reg., 1932, 3%		169,000	148,720
N. Y. C. sup. C. H., reg., 1929, 3%		7,000	6,510
N. Y. C. wat. sup., reg., 1937, 4%		18,000	19,260
N. Y. Co. ex., reg., 1920, 3%		100,000	96,000
Portland, Ore., wat., c., 1923, 5%		20,000	21,000
St. L. Mo., g., reg., 1915, 3%		35,000	35,000
Va., Century, reg., 1991, 3%		41,100	34,524
A. T. & S. Fe Ry., gm. m., reg., 1995, 4%		100,000	96,000
A. T. & S. Fe tra. Cont. S. L., reg., 1958, 4%		100,000	91,000
A. T. & S. Fe Ry. Co., cv. reg., 1960, 4%		50,000	49,000
Atl. C. L., 1 ca. m., reg., 1932, 4%		100,000	94,000
B. & O. R. R., prior in. m., reg., 1925, 3%		200,000	184,000
B. & O., 20-yr., cv. g., reg., 1933, 4%		50,000	46,000
B. & O., 20-yr., 1 m., reg., 1948, 4%		100,000	93,000
B. & Me. R. R. Co., r. reg., 1942, 4%		100,000	94,000
B. R. & P. ca. m., reg., 1967, 4%		100,000	104,000
Cent. New Eng. Ry., 1 m., reg., 1961, 4%		100,000	77,000
C. & O. R. R. & A. D., 1 m., reg. c., 1989, 4%		100,000	89,000
C. & O. R. R., gm. m., reg., 1992, 4%		100,000	94,000
C. M. & P. Sd., reg., 1949, 4%		100,000	93,000
C. M. & St. P. Ry., cv. reg., 1932, 4%		22,500	22,950
C. M. & St. P. Ry., d., reg., 1934, 4%		150,000	138,000
C. Nwn. Ry., gm. m., reg., 1987, 4%		50,000	47,500
C. & W. Ind. R. R., ca. m., reg., 1952, 4%		100,000	84,000
C. & P. R. R., gm. m., reg. c., 1942, 4%		100,000	103,000
Del. & Hd., cv. d., reg., 1916, 4%		100,000	99,000
Erie Pa. Coal. col., reg., 1951, 4%		110,000	99,000
Erie R. R., prior in., reg., 1996, 4%		100,000	84,000
Gt. Trunk, eq. g. n., c., 1922, 4%		25,000	24,250
Id. No. Ry., 1 r., reg., 1961, 4%		100,000	101,000
Rock. Val. Ry., 1 ca. m., reg., 1999, 4%		100,000	101,000
Ill. C. R. R., W. Lines, 1 m., reg., 1951, 4%		100,000	91,000
Ill. C. R. R., col. tr., reg., 1953, 4%		100,000	90,000
I. Sh. & Mich. Co., d., reg., 1928, 4%		100,000	94,000
I. & N. So. Ry. Mon. col., 1952, 4%		100,000	85,000
I. & N., unid., reg., 1940, 4%		100,000	96,000
I. & N. R. R., reg., 1955, 4%		100,000	90,000
Man. Ry. ca. m., reg., 1990, 4%		100,000	93,000
N. Y. C. & H. R. R., 1 m., reg., 1997, 3%		583,000	467,290
N. Y. C. & H. R. R., 1 S. col., reg., 1998, 3%		100,000	78,000
N. & W. R. R., 1 ca. m., reg., 1996, 4%		100,000	96,000
No. Pac. Ry. gm. m. & L. G., reg., 1997, 4%		100,000	95,000
No. Pac. Ry. gm. m. & L. G., reg., 2047, 3%		100,000	67,000
No. Pac. Ry. No. C. B. & Q. jt., reg., 1921, 4%		100,000	97,000
Or. S. L. R. R., r., reg., 1929, 4%		100,000	92,000
Or. W. R. & Nav., 1 d. r. m., reg., 1961, 4%		50,000	44,500
Pa. g., reg., 1921, 4%		200,000	204,000

BONDS AND STOCKS OWNED.— <i>Cont.</i>		Par Value.	Market Value.
BONDS.— <i>Cont.</i>			
St. L. P. & Nwn. Ry., 1 m., reg., 1948, 5%		\$100,000	\$106,000
St. P. & No. Pac. Ry., gm. m., reg., 1923, 6%		50,000	56,000
So. Pac. R. R. Co., 1 r. m., reg., 1958, 4%		100,000	92,000
So. Ry. St. L. Div., 1 m., reg., 1951, 4%		100,000	87,000
U. Pac. R. R., 1 m. R. R. & L. G., reg., 1947, 4%		125,000	121,350
W. Sh. R. R., 1 m. gr., reg., 2361, 4%		300,000	279,000
STOCKS.			
Allegheny & W. Ry., gr.		50,000	65,500
A. T. & S. Fe, p.		100,000	106,000
B. & O. R. R., p.		100,000	81,000
C. M. & St. P. Ry., p.		150,000	201,000
Clev. & Pitts. R. R., spec. bet.		100,000	39,000
M. St. P. & S. Ste. M.		100,000	81,000
Pitts. Ft. W. & C. Ry., gr.		80,000	131,200
Reading Co.'s 1 p.		100,000	88,000
So. Ry., M. & O. tr. ctds.		100,000	75,000
So. Ry., p.		120,000	71,600
Un. Pac. R. R., p.		200,000	166,000
Totals (book value, \$3,477,685).....		\$8,252,600	\$7,695,944

MISCELLANEOUS: This company began business in the United States in 1866. Its home office statement as of December 31, 1914, showed assets aggregating \$23,970,368 for both fire and life departments, exclusive of uncalculated capital. Its subscribed capital is \$4,500,000, of which \$2,437,500 (including \$1,750,000 preferred stock) have been paid in. Every policy issued in the United States contains a clause guaranteeing the protection of the entire assets of the fire department of the company to every policyholder. Confiscation losses: Chicago, 1871, \$2,330,000; Boston, 1872, \$742,068; Jacksonville, Fla., 1901, \$171,363; Baltimore, 1904, \$845,242; San Francisco, 1906, \$8,083,225. San Francisco losses were paid largely from retentions from home office. Values of special deposits: Va., \$63,274; Ga., \$9,800; N. M., \$10,000.

UNITED STATES TRUSTEES: Adrian Iselin, Jr., B. Aymar Sands and Wm. Pierson Hamilton.

FIELD MEN AND TERRITORY COVERED: Head office, 76 William st., N. Y. E. G. Richards, manager; J. F. Hastings, assistant manager. Departments: Metropolitan, W. P. Young, deputy assistant manager; Middle, C. R. Perkins, deputy assistant manager; R. P. Barbour, general agent; Pacific, W. B. Berdan, deputy assistant manager; Jas. B. Hereford, general agent; New England and southern, W. S. Alley, general agent; Central, E. T. Cairns, general agent; Western, Charles E. Case, general agent; Improved Risks, G. P. Davis, general agent. State and special agents: Robert M. August, Baltimore, Md., for Md.; Carl Rubbert, Harrisburg, Pa., for eastern Pa.; Fred W. Kiefer, Pittsburgh, Pa., for southwestern Pa.; J. H. Bonney, Pittsburgh, Pa., for western Pa. and W. Va., except counties of Morgan, Berkeley and Jefferson; D. H. Collinson, Newark, N. J., for central N. J.; C. H. Ebbets, Bloomfield, N. J., for northern N. J.; E. E. Kier, New York, for southern N. J.; Percy Ling, Albany, N. Y., for eastern N. Y.; L. B. Temple, New York, for Hudson River and north suburban; Benj. L. Linfield, Bayside, N. Y., for south suburban; M. G. Wight, Boston, Mass., for Mass., N. H. and R. I.; Ralph S. Norton, Portland, Me., for Me.; Charles C. Hannah, Hartford, Conn., for Conn., western Mass. and Vt.; A. R. Thomason and H. H. Whitner, Atlanta, Ga., for Ga., S. C. and Ala.; G. H. Spigener, Richmond, Va., for Va. and N. C.; Ed. Boerne, Jr., New Orleans, La., for La. and Miss.; W. S. Abbott and H. K. Dickinson, Detroit, Mich., for Mich.; Fred B. Barnes, Oshkosh, Wis., for Wis.; Ed. MacDonald, Minneapolis, Minn., for Minn.; John H. Gray, Columbus, O., for O.; Earl A. Reid, Columbus, O., for O.; R. E. Hartshorn, Louisville, Ky., for Ky.; F. R. Holtford, Chicago, Ill., for Ill., except Chicago and Cook Co.; S. E. Cate and H. S. Jackson, St. Louis, Mo., for Mo.; E. C. Fox, Topeka, Kan., for Kan.; W. S. Himmelwright, Fargo, N. D., for N. D. and S. D.; F. F. Thompson, Oklahoma City, Okla., for Okla., B. E. Scott, Little Rock, Ark., for Ark.; H. N. Wood, Omaha, Neb., for Omaha, Neb. and Ia.; D. E. Gallagher, Omaha, Neb., for Neb.; J. W. Mark, Muscatine, Ia., for Ia.; F. J. Schonesman, San Francisco, Cal., for northern Cal. and Nev.; G. W. Dearborn, San Francisco, Cal., for central Cal.; Chas. Harris, Los Angeles, Cal., for southern Cal. and Ariz.; E. J. Young, Seattle, Wash., for western Wash.; P. W. Gedney, Spokane, Wash., for eastern Wash., eastern Ore. and Ida.; H. E. Smith, Portland, Ore., for northern Ore.; Oscar Unmack, Helena, Mont., for Mont., eastern Ida. and northern Wyo.; Wirt Leake, Dallas, Tex., for northern Tex.; H. J. Thomson, Houston, Tex., for southern Tex.; E. C. Willey, Denver, Colo., for Colo., N. M. and southern Wyo. General inspectors: W. D. Clark, New York, Metropolitan department; J. W. Davis, New York, New England and southern department; E. O. Thomson, Columbus, O., central department; W. S. Hutchins, Chicago, Ill., western department; A. E. Murdock, St. Louis; C. F. Millman, San Francisco, Cal., Pacific department; C. B. Rogers, Nashville, Tenn., for Tenn. This company operates throughout the United States.

NORTH CHINA INSURANCE COMPANY, Shanghai.

U. S. Manager, H. K. Fowler, New York.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$280,359	\$14,826	\$254,368	\$57,887	\$68,524	\$10,519	\$19,217	\$29,736	\$30,982	-\$25,061
1913	259,593	8,380	242,695	35,732	45,236	32,633	6,752	39,385	36,596	+ 23,654
1912	231,950	5,448	221,921	23,118	23,118	4,260	3,987	8,247	6,2922	-210,732

ASSETS, Dec. 31, 1914.

N. Y. C. Bds., 1900-

2, 41%.....

Cash.....

Ledger balances.....

Interest.....

Total assets.....

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....

Unearned prems.....

Other liabilities.....

Total liabilities.....

Surplus.....

Total.....

Underwriting profit, \$19,758; investment profit, \$18,137.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$1,093,403; premiums thereon, \$23,818.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$116,737; losses paid, \$56,111.

U. S. TRUSTEE: Metropolitan Trust Co., N. Y.

TERRITORY COVERED: This company is licensed in Cal., N. Y. and Wash.

THE NORTHERN ASSURANCE COMPANY, Ltd., London, Eng.

General Attorney and Manager Eastern and Southern Departments, George W. Babb; Sub-Manager, T. A. Ralston, New York; Manager, Western and Pacific Departments, G. H. Lermitt; Assistant Manager, J. C. Corbet, Chicago. Organised, 1836.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit to H. O.
1914	\$5,583,800	\$2,878,370	\$2,778,940	\$3,050,900	\$3,325,560	\$1,725,752	\$1,195,259	\$2,921,011	\$1,322,416	+\$87,547
1913	5,112,736	2,711,632	2,096,754	2,730,793	2,928,678	1,525,618	1,118,189	2,643,817	1,413,091	-285,679
1912	5,392,022	2,704,469	2,083,481	2,833,785	3,028,591	1,553,304	1,110,700	2,664,004	1,487,809	-353,838
1911	5,303,005	2,781,815	2,009,786	2,938,889	3,120,251	1,708,557	1,119,660	2,828,217	1,637,321	-218,180
1910	5,197,097	2,824,994	1,837,980	3,101,966	3,280,266	1,414,132	1,139,640	2,553,772	1,412,782	-390,604

ASSETS, Dec. 31, 1914.

Mortgage loans.....

Bonds and stocks.....

Cash.....

Agents' balances.....

Interest.....

Other assets.....

Total assets.....

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....

Unearned prems.....

Other liabilities.....

Total liabilities.....

Surplus.....

Total.....

Underwriting profit, \$149,682; investment profit, \$245,321.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$549,730,343; premiums thereon, \$5,570,125.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$68,782,136; losses paid, \$34,622,353.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
U. S., reg., 1925, 4%.....	\$230,000	\$255,300
Chicago, Ill., 1921, 4%.....	50,000	49,500
Cincinnati, O., 1948, 4%.....	115,000	117,300
Jersey City, N. J., g., 1961, 4%.....	50,000	52,500
Minneapolis, Minn., 1917, 4%.....	100,000	100,000
N. Y. C., g., 1944-54, 3%.....	404,000	357,700
N. Y. C., g., 1956-9, 4%.....	80,000	79,700
N. Y. C., g., 1957, 4%.....	125,000	133,750
Richmond, Va., 1941-3, 4%.....	62,000	57,600
St. Paul, Minn., 1919, 4%.....	50,000	51,000
A. T. & S. F. Ry., gn. m., g., 1905, 4%.....	50,000	48,000
A. & C. A. L. Ry., 1 m., ser. "A", 1944, 4%.....	50,000	49,000
Atl. C. L. R.R., L. & N. col., 1952, 4%.....	50,000	46,000
B. & O. R.R., prior ln., g., 1923, 3%.....	50,000	46,000
B. & O. R.R., S.W. Div., 1 m., g., 1925, 3%.....	50,000	45,500
B. O. & S. Ry., 1 m., gr., g., 1989, 3%.....	50,000	34,000
C. & O. Ry., gn. m., g., 1992, 4%.....	50,000	47,000
C. B. & Q. R.R., gn. m., g., 1908, 4%.....	100,000	94,000
C. M. & St. P. Ry., cv. g., 1932, 4%.....	10,500	10,710
C. St. L. & N. O. R.R., gr., 1931, 6%.....	12,000	12,200
C. St. L. & N. O. R.R., M.D. gr., 1951, 4%.....	50,000	44,500
C. H. & D. Ry., 1 m. & r. m., g., 1959, 4%.....	70,000	42,000
C. C. & St. L. Ry., 1 m., g., 1991, 4%.....	50,000	41,000
Clev. Sh. L. Ry., 1 m., g., 1991, 4%.....	100,000	96,000
Det. Riv. Tun., 1 m., g., 1991, 4%.....	50,000	46,500

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
G. & O. R.R., 1 m., gr., 1942, 5%.....	\$36,000	\$38,520
Ill. C. R.R., ex. 1 m., g., 1961, 3%.....	123,000	104,550
L. S. & M. So. Ry., d. g., 1928, 4%.....	75,000	70,500
L. Val. R.R., gn. m., m., 2003, 4%.....	50,000	45,000
L. I. R.R., r., gr., 1949, 4%.....	50,000	45,500
L. & N. R.R., gn. m., 1930, 6%.....	25,000	28,250
L. & N. R.R., co. tr., g., 1931, 5%.....	50,000	53,000
L. & N. R.R., un. g., 1940, 4%.....	50,000	48,000
Lynn & Bos. R.R., 1 m., g., 1924, 5%.....	25,000	25,750
Man. Ry., ca. g., 1990, 4%.....	50,000	46,500
M. St. P. & S. Ste. M. Ry., 1 m., g., 1933, 4%.....	57,000	54,150
N. Y. C. & H. R.R.R., g. n., 1915, 4%.....	100,000	100,000
N. Y. C. & H. R.R.R., L.S. dlt. g., 1998, 3%.....	100,000	78,000
N. Y. C. L. eq. tr., 1921, 5%.....	100,000	102,000
N. Y., W. & B. Ry., 1 m., 1946, 4%.....	30,000	21,000
Nor. & W. Ry., cv. g., 1938, 4%.....	25,000	26,250
Nor. & W. Ry., eq. tr. gr., 1915, 4%.....	100,000	100,000
No. Pac. Ry., prior ln., g., 1997, 4%.....	50,000	47,500
N.P.-Gt. N. Ry., Jt. C. B. & Q. col., 1921, 4%.....	150,000	145,500
Ore. S. L. R.R., r., gr., 1929, 4%.....	150,000	138,000
Pa. R.R., cv. g., 1915, 3%.....	100,000	100,000
Pa. R.R., gn. ft. eq. tr., g., 1915-23, 4%.....	45,000	45,250
P. C. C. & St. L. R.R., co. m. gr., 1953, 4%.....	50,000	47,000
S. Ste. M. Bg. Co., 1 m., gr., g., 1937, 5%.....	50,000	49,000
St. P., M. & M. Ry., ca. gr., g., 1933, 6%.....	80,000	98,400
So. Pac. Br. Ry., Cal., 1 m., gr., g., 1937, 6%.....	50,000	61,500
So. Pac. cv., g., 1929, 4%.....	50,000	43,000
T. R. R. Assn., St. L., gn. m., r. s. f. g., 1963, 4%.....	200,000	176,000
West Shore R. R., gr., 2361, 4%.....	50,000	46,500
W. Va. & Pitts. R.R., 1 m., g., 1990, 4%.....	135,000	118,800
Clearfield Bit. Coal Cp., 1 m., gr., g., 1940, 4%.....	50,000	37,000
Western El., 1 m., g., 1922, 5%.....	70,000	71,400

STOCKS.

Chi., Mil. & St. P. Ry., p.....	50,000	67,000
Clev. & Pitts. R.R., gr.....	25,000	41,500
Morris & Essex R.R., gr.....	25,000	42,750
N. Y. & H. R.R., gr.....	12,500	45,000
F., Ft. W. & Chi. Ry., gr.....	25,000	41,000

Totals (book value, \$4,734,196)..... \$4,522,000 \$4,406,890

THE NORTHERN ASSURANCE COMPANY, Ltd., London, Eng.—Continued.

MISCELLANEOUS: This company began business in the United States in 1854. Its home office statement as of December 31, 1913, showed total accumulated funds of \$8,253,940. Its subscribed capital is £3,000,000, of which £300,000 have been paid up. Configuration losses: Baltimore, 1904, \$958,494; Toronto, 1904, \$170,000; San Francisco, 1906, \$2,413,755. San Francisco and Baltimore losses were paid by remittances from home office. Value of special deposits: Va., \$48,360; Ga., \$11,100; N. M., \$11,100.

UNITED STATES TRUSTEES: J. V. B. Thayer, Chas. D. Dekey, N. Y.

FIELD MEN AND TERRITORY COVERED: Eastern and southern departments, George W. Babb, manager, T. A. Ralston, sub-manager, 55 John st., New York City. Western department, G. H. Lermitt, manager; J. C. Corbet, assistant manager, Monadnock block, Chicago, Ill. Special agents: William E. Allis, and George J. Weiss for N. Y. State; Edw. R. Buhler, for N. J. and Pa.; H. Townsend Wilson, for N. J., Pa., Del., Md. and D. C.; Sumner Rhoades and William B. Kline for New England; E. A. Clark, for Va. and N. C.; Newt. M. Smith and S. M. Buck for Tex.; Norman D. Burke and E. S. Hitch for S. C., Ga., Fla., Ala., Miss. and La., C. H. Anderson, Hannibal, Mo., for Kan.

and Mo.; D. R. Atkinson, Portland, Ore., for Ore. and S. W. Ida.; C. W. Cartwright, Minneapolis, Minn., for Minn.; Wm. C. Daniel, Columbus, O., for O. and W. Va.; C. L. Easton, Milwaukee, Wis., for Wis.; E. C. Fotheringham, Butte, Mont., for Mont. and Utah and S. E. Idaho; E. H. Goodman, Detroit, Mich., for Mich.; L. W. Grupe, Indianapolis, Ind., for Ind.; L. C. Holloway, San Francisco, Cal., for No. Cal. and Nev.; S. J. Horton, Denver, Colo., for Colo. and Wyo.; Wm. Mank, Columbus, O., for O. and W. Va.; G. L. Martini, Omaha, Neb., for Ia. and Neb.; W. F. Miller, Oklahoma City, Okla., for N. M. and Okla.; G. Mueller, Los Angeles, Cal., for Ariz. and So. Cal.; C. J. Scruggs, Nashville, Tenn., for Ky. and Tenn.; R. G. Vallentyne, Fargo, N. D., for N. D. and S. D.; T. B. Welpton, Seattle, Wash., for Wash. and No. Ida.; C. G. Wonn, Chicago, Ill., for Ill. The company does business through the eastern and southern departments in N. Y., N. J., Pa., Del., Md., D. C., Va., N. C., S. C., Ga., Fla., Ala., Miss., La., Tex. and all the New England States. The western department comprises Colo., Ill., Ind., Ia., Kan., Ky., Mich., Minn., Mo., Mont., Neb., N. D., O., Okla., Tenn., S. D., W. Va., Wis., Wyo., N. M., Cal., Ore., Wash., Nev., Utah, Ariz., and Ida. The company operates in all the States and territories (with the exception of Alaska, Ark. and P. I.

NORTHERN INSURANCE COMPANY, Moscow, Russia.

United States Managers, Foster & Folsom, Incorporated, New York. Organized, 1872.
(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,040,955	\$621,666	\$388,682	\$877,011	\$915,913	\$538,656	\$279,994	\$818,650	\$576,932	—\$100,000
1913	1,022,298	509,359	428,203	795,777	828,632	367,020	236,301	603,321	396,932	.....
1912	791,243	276,964	462,524	460,163	493,701	137,152	136,721	273,873	174,196	.....
1911	587,599	80,858	491,607	147,856	164,610	21,367	44,595	65,962	30,052	+\$260,004

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$940,220	Losses unpaid.....	\$126,574
Cash.....	78,717	Unearned premis.....	621,666
Agents' balances.....	8,430	Other liabilities.....	4,033
Interest.....	13,588	Total liabilities.....	\$752,273
		Surplus.....	238,682
Total assets.....	\$1,040,955	Total.....	\$1,040,955

Underwriting loss, \$98,686; investment profit, \$59,166.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$90,891,919; premiums thereon, \$1,145,807.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$2,280,806; losses paid, \$1,061,482.

BONDS OWNED.		Par Value.	Market Value.
New York, cp., 1960-64, 4½%.....		\$818,000	\$838,230
Columbus, O., main trk., in. sr., 1931, 4%.....		100,000	102,000
Totals (book value, \$924,799)		\$918,000	\$940,230

MISCELLANEOUS: This company's latest home office statement showed assets of over \$8,000,000, and a reserve of \$9.6%, although the Russian law requires only 40%. The company has paid dividends of 25% for several years. The company transacts reinsurance only. Deposit in Ohio, \$100,000; N. Y., \$200,000.

UNITED STATES TRUSTEE: Bankers Tr. Co., N. Y.

NORWICH UNION FIRE INSURANCE SOCIETY, LTD., Norwich, Eng.

Resident Managers, J. Montgomery Hare and Wm. Hare; Branch Secretary, J. F. Van Riper, New York. Organized, 1797.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$3,137,486	\$1,684,406	\$1,183,085	\$1,924,814	\$2,036,165	\$1,146,002	\$757,766	\$1,903,769	\$1,199,963	—\$40,410
1913	3,013,723	1,662,147	1,176,883	1,761,241	1,859,494	930,552	721,603	1,652,155	902,986	+164,432
1912	2,775,498	1,609,508	941,180	1,787,842	1,830,555	926,521	741,034	1,667,555	896,440	—94,680
1911	2,741,461	1,594,772	910,573	1,764,022	1,854,094	997,586	722,459	1,720,045	950,042	—79,288
1910	2,662,466	1,565,761	889,149	1,762,186	1,851,166	904,486	714,454	1,618,940	884,581	—100,564

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks....	\$2,496,156	Losses unpaid.....	\$206,085
Cash.....	268,332	Unearned premis.....	1,684,406
Agents' balances.....	336,929	Other liabilities.....	53,911
Interest.....	27,338	Total liabilities.....	\$1,944,401
Total.....	\$3,128,755	Surplus.....	1,183,085
Sp. dep. over liab..	1,269		
Total assets.....	\$3,127,486	Total.....	\$3,127,486

Underwriting loss, \$67,309; investment profit, \$142,362.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$225,068,967; premiums thereon, \$3,282,128.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$50,869,333; losses paid, \$30,745,355.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
D. of C., reg., 1924, 3½%.....		\$200,000	\$208,000
Butler Co., O., bg., reg., 1915-19, 4½%.....		40,000	40,550
Cincinnati, O., s. f. reg., 1952, 3½%.....		10,000	9,400
Cleveland, O., sr., reg., 1930, 4½%.....		50,000	52,000
Ga., reg., 1915, 4½%.....		10,000	10,000
N. M., cap. rebuilding, 1929-19, 4%.....		5,000	4,850
N. M., ag. col., 1931, 5%.....		5,000	5,200
N. Y. C., cp. reg., 1957-50, 4½%.....		175,000	166,250
N. Y. C., ca., 1922, 3½%.....		100,000	96,000
Portland, Ore., wat. l., 1917, 5%.....		50,000	51,000

NORWICH UNION FIRE INSURANCE SOCIETY, LTD., Norwich, Eng.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Richmond City, Va., reg., 1922, 5%.....	\$50,000	\$51,500	
A. T. & S. P. Ry., gn. m. reg., 1906, 4%.....	50,000	48,000	
Atl. C. Line Ry., 1 cs. m. reg., 1962, 4%.....	25,000	23,500	
B. & O. R.R., 1 m., reg., 1948, 4%.....	75,000	69,750	
B. & O. R.R., P. L. E. & W. Va. sys., reg., 1941-26, 4%.....	38,000	33,060	
B. & O. R.R., Swn. Div., reg., 1925, 3½%.....	30,000	27,300	
B. & O. R.R., prior ln., reg., 1925, 3½%.....	50,000	46,000	
B. & O. R.R., eq. tr. cts., 1915, 4½%.....	25,000	25,000	
C. of Ga. Ry. Mobile Div., 1946, 5%.....	50,000	52,000	
Ches. & O. Ry., reg., 1939, 5%.....	45,000	48,150	
C. B. & Q. R.R., Neb. ex., reg., 1927, 4%.....	100,000	98,000	
C. & Nwn. Ry. eq. tr. cts., 1915, 4½%.....	22,000	22,000	
C. I. & L. Ry. eq. tr., 1915, 4½%.....	25,000	25,000	
C. M. & P. S. Ry., reg., 1949, 4%.....	30,000	27,900	
C. M. & St. P. Ry., cv., 1932, 4½%.....	9,000	9,180	
C. R. I. & P. R.R., 1 m., 1917, 6%.....	18,000	18,720	
C. R. I. & P. R.R., gn. m. reg., 1938, 4%.....	100,000	89,000	
Erie R.R., Pa., col., reg., 1951, 4%.....	25,000	23,500	
I. I. R.R., gn. m., 1938, 4%.....	20,000	18,200	
M. S. & Nwn. Ry. 1 m. reg., 1947, 4%.....	50,000	46,000	
N.Y.C. & H.R.R.R., L.S. col. reg., 1908, 3½%.....	65,000	50,700	
N.Y.C. Lines eq. tr. cts., 1916, 4½%.....	25,000	25,000	
N.Y.C. & St. L. R.R., reg., 1937, 4%.....	100,000	95,000	
N.P. G. N. R.R., C. B. & Q. J. reg., 1921, 4%.....	60,000	58,200	
N. & W. Ry., P. C. & C. J. reg., 1941, 4%.....	40,000	35,600	
N. & W. Ry., 1 cs. m. reg., 1906, 4%.....	50,000	48,000	
N. & W. Ry., cv., 1938, 4½%.....	5,000	5,250	
N. & W. Ry., cv., 1932, 4½%.....	4,000	4,200	
Ore. Sh. Line R.R., r., 1929, 4%.....	20,000	18,400	
Pa. Co., reg., 1921, 4½%.....	100,000	102,000	
Pa. R.R., cv., 1915, 3½%.....	25,000	25,000	
Savannah, F. & W. Ry., reg., 1934, 6%.....	20,000	24,400	
W. B. R.R., reg., 1931, 4%.....	57,000	53,010	
STOCKS.			
All. & W. R.R., gr.....	14,700	19,257	
Chi. & E. Ill. R.R., p.....	10,000	1,500	
Chi. & Nwn. R.R., p.....	11,800	15,029	
Chi. & Nwn. R.R., p.....	20,000	35,400	
Chi. M. & St. P. Ry.....	5,000	4,950	
Chi. M. & St. P. Ry., p.....	30,000	40,900	
Ga. R.R. & Bkg., gr.....	20,000	52,000	
Ill. C. R.R., leased lines.....	50,000	42,500	
Kan. Cy. Ft. S. & Mem. R.R., p.....	20,000	14,000	
Pitta., Ft. W. & Chi. Ry., gr.....	40,000	65,600	
Rensselaer & Saratoga R.R.....	27,000	43,600	
So. Ry., M. & O., gr.....	50,000	37,500	
Swn. R.R. of Ga.....	20,000	21,000	
Twin City R. T., p.....	40,000	51,600	
Un. Pac. Ry., p.....	40,000	33,200	
U. N. J. R.R. & Canal, gr.....	10,000	22,500	
Gn. Adj. Bur.....	150	150	
So. Adj. Bur.....	200	200	

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
STOCKS.—Cont.			
Underwriters Salvage of Chi.....	\$500	\$500	
Underwriters Salvage of N. Y.....	1,000	1,500	
Western Adj. & Insp.....	100	200	

Totals (book value, \$2,563,711)..... \$2,462,950 \$2,496,156

MISCELLANEOUS: This company began business in the United States in 1877. In May, 1907, this company took over the business of the Indemnity Fire of New York. Conflagration losses: Jacksonville, 1901, \$299,204; Baltimore, 1904, \$574,431; Toronto, 1904, \$120,000; San Francisco, 1906, \$1,633,433; Chelsea, 1908, \$337,901. The Baltimore losses were paid by drafts on the home office and the Toronto losses were paid by the company's Canadian branch. Values of special deposits: Ga. \$10,000; N. M., \$10,050; Va., \$33,990; O., \$102,550.

UNITED STATES TRUSTEES: A. W. Hard, W. Emile Roosevelt, James A. Strymer.

FIELD MEN AND TERRITORY COVERED: Head office for the United States, 69 John st., New York, J. Montgomery Hare, and William Hare, managers; J. F. Van Riper, branch secretary; J. H. Burger, superintendent of agencies, eastern and southern States; Beers, Kenison & Co., Galveston, Tex., general agents for Tex.; H. C. Hare & Co., Jacksonville, Fla., general agents for Fla.; A. J. Weed, 112 Water st., Boston, Mass., special agent for eastern Mass. Me. and N. H.; Chas. Schuchhardt, Hartford Nat. Bk. Bldg., Hartford, Conn., special agent for western Mass., Vt. and Conn.; O. F. Gant, special agent, 714 Onondaga County Bv. Bk. Bldg., Syracuse, N. Y., for N. Y.; H. A. Richards, Jr., 69 John st., New York, special agent New York suburban district and N. J.; Frederick L. Holman, 311 Walnut st., Philadelphia, Pa., special agent for eastern Pa., Md. and D. C.; A. G. Crawshaw, special agent, 803 Arrott Rk., Pittsburg, Pa., for western Pa.; Selwyn E. Bickford, Hampton, Va., special agent for Va., W. Va. and N. C.; Augustus Wilkerson, special agent, 634 Trust Co. of Ga. Bldg., Atlanta Ga., for S. C., Ga., Miss., La. and Ala.; Wm. Sowards, State agent, Hugh L. Sowards special agent, First Nat. Bank Bldg., Cincinnati, O., for Ky. and O.; Geo. E. Leach, special agent, Reserve Bank Bldg., Minneapolis, Minn., for Minn., N. D., S. D.; Jas. M. Larnore, State agent, Anderson, Ind., for Ind. and Ill., excepting Cook Co.; J. S. Fletcher, State agent, 825 Ford Bldg., Detroit, Mich., for Cook County, Ill., Mich. and Wis.; W. B. Calhoun, special agent, 85 Michigan st., Milwaukee, Wis., for Wis.; C. C. Martin, State agent, Sharp Bldg., Kansas City, Mo., for Ia., Mo., Kan., Neb., Okla.; Harold M. Rose, State agent for Ia. and Neb., 634 State Bank Bldg., Omaha, Neb.; J. L. Fuller, manager Pacific Coast department, 332 Pine st., San Francisco, Cal., jurisdiction, Cal., Colo., Wyo., N. M., Mont., Ore., Wash., Ida. Nev., Utah, Ariz., Alas. and Hawaiian Islands; C. D. Cobb & Co., 1012 18th st., Denver, Colo., general agents for Colo., Wyo. and N. M.; Special agents, F. C. Sanford and J. H. Fuller, for Nev. and Ariz.; A. W. Giesey and Bruce Kalts, for Ore., Wash., Ida. and Utah. The company does business in all of the States of the United States except Ark., Del. and Tenn. It also does business in the Dominion of Canada, Cuba, Hawaii and Porto Rico.

OCEAN MARINE INSURANCE COMPANY, LTD., London, Eng.†

Manager, W. L. H. Simpson, New York. Organised, 1859.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$304,040	\$38,584	\$253,233	\$254,894	\$266,835	\$162,571	\$50,575	\$213,146	\$185,876	—\$32,113
1913	337,658	41,235	249,967	209,426	221,166	200,568	45,612	246,180	203,247	—33,290
1912	408,339	49,803	291,965	272,108	282,871	138,127	44,643	182,770	122,938	—46,196
1911	350,824	38,479	249,526	224,655	235,157	91,244	40,943	132,187	97,934	—101,636
1910	348,969	36,713	250,525	239,286	249,168	180,857	41,506	222,363	146,156	—6,270

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$301,200	Losses unpaid.....	\$61,973
Cash.....	41,024	Unearned premiums.....	38,584
Agents' balances.....	18,456	Other liabilities.....	10,250
Interest.....	3,360		
		Total liabilities.....	\$110,807
		Surplus.....	253,233
Total assets.....	\$364,040	Total.....	\$364,040

Underwriting profit, \$19,543; investment profit, \$15,836.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$6,729,821; premiums thereon, \$64,151.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$2,671,728; losses paid, \$1,950,540.

† Transacts marine business.

BONDS OWNED.		Par Value.	Market Value.
District of Columbia, f., 1924, 3.65%..	\$128,000	\$133,130	
New York Cy., 1952, 3½%.....	132,000	118,160	
New York Cy., 1917, 4½%.....	12,000	12,130	
New York Cy., 1918, 4½%.....	3,000	3,000	
Mill., Sparta & Nwn., 1 m., 1947, 4%.....	40,000	36,800	

Totals (book value, \$304,502)..... \$315,000 \$301,200

MISCELLANEOUS: This company began business in the United States in 1903. It was purchased in 1907 by the North British & Mercantile of London, but continued as a separate corporation. Its subscribed capital is £1,000,000, and the paid-up portion is £100,000. Its assets, December 31, 1911, amounted to £737,106. W. L. H. Simpson is also United States manager of the British & Foreign Marine, of Liverpool, the Maritime of Liverpool, and the Reliance Marine of Liverpool. Conflagration losses: Baltimore, 1904, \$2,500.

PALATINE INSURANCE COMPANY, LTD., London, Eng.

United States Manager, A. H. Wray; Assistant Managers, C. J. Holman and C. E. Porter;

Branch Secretary, Wm. M. Ballard, New York. Organized 1900.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$3,185,774	\$1,915,961	\$1,004,438	\$2,061,383	\$2,126,768	\$1,208,454	\$737,626	\$1,946,080	\$1,263,247	—\$153,013
1913	3,198,623	1,782,040	1,206,201	1,815,906	1,890,307	909,325	690,068	1,600,393	1,007,961	—136,177
1912	3,350,576	1,716,517	1,250,571	1,814,547	1,936,835	960,809	685,994	1,646,803	956,513	—407,577
1911	3,429,985	1,626,452	1,524,200	1,768,973	1,896,589	977,238	655,616	1,632,854	948,732	—169,277
1910	3,242,758	1,533,048	1,559,381	1,702,901	1,826,869	1,033,457	669,609	1,703,066	790,513	+ 25,732

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$2,435,900	Losses unpaid	\$319,979
Cash	374,919	Unearned premiums	1,915,961
Agents' balances	371,534	Other liabilities	45,396
Interest	30,030		
Other assets	345	Total liabilities	\$2,181,336
Total	\$3,212,728	Surplus	1,004,438
Sp. dep. over liab.	26,954		
Total ad. assets	\$3,185,774	Total	\$3,185,774

Underwriting loss, \$132,576; investment profit, \$109,750.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$37,549,484; premiums thereon, \$3,688,223.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$21,671,476; losses paid, \$12,641,961.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
BONDS.		
Chattanooga, Tenn., 1942, 4½%	\$45,000	\$45,000
Cleveland, O., reg., 1921, 4½%	100,000	101,000
Darlington, S. C., r., 1932, 5½%	10,000	10,300
Ge. reg., 1915, 4½%	10,000	10,000
N. Mex., r., 1933, 4½%	10,000	9,700
N. Y. C. reg., 1919-23, 3½%	198,000	189,600
N. Y. C. reg., 1956-9, 4½%	185,000	184,000
N. Y. C. reg., 1957, 4½%	100,000	107,000
Richmond, Va., reg., 1943, 4½%	6,000	5,580
Va. Century, reg., 1991, 3½%	50,000	42,000
Atl. Coast Line L. & N. col., 1925, 4½%	50,000	46,000
B. & O. R.R. S. W. Div. 1 m., 1952, 3½%	36,000	32,760
B. & O. R.R. P. L. E. & W. Va., r., 1941, 4½%	100,000	87,000
C. L. S. & E. R. 1 m. gr., 1960, 4½%	30,000	32,500
C. & E. Ill. R.R. r. & imp., 1926, 4½%	100,000	25,000
Chi. & N. W. R.R. ex. reg., 1926, 4½%	25,000	24,000
C. & W. Ind. R.R. ca., 1953, 4½%	50,000	42,000
Erie Ry. ca. m., 1920, 7½%	65,000	72,800
E. & T. H. R.R. 1 ca. m., 1921, 6½%	100,000	100,000
Ill. C. R.R. West. Lines, 1 m., 1951, 4½%	50,000	45,500
Interb. R. T. 1 & r. m., 1966, 5½%	25,000	24,750
L. E. & W. R.R. 1 m., 1937, 5½%	21,000	21,420
L. I. R.R. r. m., 1949, 4½%	150,000	136,500
M. & M. Ry., 1 m., 1991, 4½%	47,000	45,120
Min. & St. L. R.R., 1 m., 1927, 7½%	20,000	22,400
Miss. St. Ry., 1 ca. m., 1919, 5½%	25,000	22,250
N. Y. & L. Br. R.R. gn. m., 1941, 5½%	17,000	18,360
N. Y. L. E. & W. C. & R.R., 1 gr., 1922, 6½%	25,000	26,250
N. Pac. R.R. prior l. & l. g., 1967, 4½%	25,000	23,750
Pa. gr. 1 m., 1921, 4½%	50,000	51,000
P. C. & St. L. R.R. ca. gr., 1940-2, 4½%	75,000	77,250
St. L. I. M. & So. C. R. & L. G. gr., 1931, 5½%	50,000	51,000
St. L. I. M. & So. R. & G. 1 m., 1933, 4½%	25,000	18,250
St. L. P. & N. W. Ry., 1 m., 1948, 5½%	50,000	53,000
St. P. M. & M. R.R., ca., 1933, 6½%	25,000	30,750
So. Ry. St. L. Div., 1 m., 1951, 4½%	25,000	21,750
So. Ry., 1 ca., 1994, 5½%	50,000	52,500
So. Pac. R.R., 1 r., 1955, 4½%	50,000	46,000
Tm. R.R. Assn. St. L., 1 m., 1920, 4½%	25,000	25,000
Tol. W. Val. & O. R.R. "C", 1942, 4½%	50,000	46,500
W. Shore R.R., gr., 1 m. reg., 2361, 4½%	50,000	46,500
W. Va. & Pitts. R.R., 1 m., 1900, 4½%	25,000	22,000

STOCKS.		
B. & O. R.R., p.	50,000	40,500
Catawba R.R., p., 2nd issue	5,000	5,200
Chi. Mil. & St. P. Ry., p.	60,000	80,400
Chi. & Pitts. R.R., gr.	25,000	41,500
Manhattan Ry., gr.	100,000	123,000
M. & S. H. R.R., gr.	5,000	5,800

BONDS AND STOCKS OWNED—Cont.		Par Value.	Market Value.
STOCKS—Cont.			
N. Y. C. & St. L. R.R., 1 p.		\$10,000	\$9,200
P. Ft. W. & C. Ry., gr.		15,000	24,600
Gen. Adj. Bureau, N. Y.		100	100
Underwriters Salvage, Chi.		1,000	1,000
Underwriters Salvage, N. Y.		1,000	1,500

Totals (book value, \$2,613,499)..... \$2,497,100 \$2,435,900

MISCELLANEOUS: This company was organized to succeed a Manchester (Eng.) company of similar name. It is controlled by the interests which dominate the Commercial Union of London, and the Commercial Union of New York. Conflagration losses: Baltimore, 1904, \$195,718; San Francisco, 1906, \$1,943,717. San Francisco losses were paid by remittances from home office. Values of deposits: Va., \$47,580; Ga., \$10,000; N. M., \$9,700; O., \$100,000; N. Y., \$218,000.

UNITED STATES TRUSTEES: John Cliffin, Richard J. Cross, Frederick B. Campbell, New York.

FIELD MEN AND TERRITORY COVERED: A. H. Wray, United States manager; C. J. Holman, and C. E. Porter, assistant managers; Wm. M. Ballard, branch secretary. Jurisdiction embraces all of the United States east of the Rocky Mountains. H. C. Eddy, Chicago, Ill., resident secretary; A. M. Nelson, assistant secretary; T. E. Mathews, agency superintendent for western department, comprising Mich., O., Ind., Ill., Wis., Ia., Minn., and Mo.; J. F. Edmonds, Denver, Colo., resident secretary; George Sherrick, assistant secretary for northwestern department, comprising Kan., Neb., N. D., Okla., S. D., Colo., New Mex. and Wy. E. T. Niebling, San Francisco, Cal., manager Pacific Coast branch; R. C. Medcraft, assistant manager, covering Ore., Cal., Nev., Utah, Ariz., Wash., Mont., Ida., Alas., lower Cal. and Haw. Islands; Jas. B. Ross, New Orleans, La., general agent for La. and Miss.; J. H. Norton, Jacksonville, Fla., general agent for Fla.; Jno. C. Whitner & Co., Atlanta, Ga., general agents for Ga.; Adams & Boyle, Little Rock, Ark., general agents for Ark.; Thames & Batre, Mobile, Ala., general agents for Ala.; R. D. Coughanour, Dallas, Tex., State agent for northern Tex.; E. B. Hopwood, adjuster for New York City and suburbs; W. T. Furness, Boston, Mass., general agent for New England States. Special agents: W. R. Penrose, Hartford, Conn., for Conn.; A. J. Murphy, Boston, Mass., for balance of New Eng.; Rufus N. Elwell, Exeter, N. H.; George S. Tompkins, Albany, N. Y., for eastern N. Y.; outside suburban district, James M. Hodges, Brooklyn, N. Y., for N. Y. suburban (except L. I.), northern N. J.; Burt G. Wray, Patchogue, L. I., for L. I.; Frank W. Young, Syracuse, N. Y., for western N. Y.; Burling D. Prince, Philadelphia, Pa., for So. N. J., E. Pa., Del., Md. and D. C.; W. R. Adams, Pittsburgh, Pa., western Pa. and W. Va.; Hamilton Yancey, Rome, Ga.; Eugene M. Ransom, assistant Columbus, Ga., for S. C.; E. A. Young, Richmond, Va., for N. C. and Va.; W. J. Gileford, Lexington, Ky., for Ky. and Tenn.; R. E. L. Leiper, San Antonio, Tex., for southern Tex.; western department special agents: W. F. Hawhurst, H. M. Carmichael, assistant, Detroit, Mich., for Mich.; A. M. Cole, I. E. Reindinger, assistant, Alliance, O., for O.; W. O. Chamberlain, Minneapolis, Minn., for Minn.; J. C. Griffiths, Jr., Chicago, Ill., for Ill.; W. H. Harrison, Des Moines, Ia., for Ia. and No. Mo.; Donald D. Heary, Jefferson City, Mo., for Mo.; W. E. Atwater, Milwaukee, Wis., for Wis.; John Stone, Indianapolis, Ind., for Ind.; C. W. Pierce, H. C. Eddy, Jr., assistant, Chicago, Ill., for Cook Co. Northwestern department special agents: H. E. Seeds, Topeka, Kan., for Kan.; John Benson, Oklahoma City, Okla., for Okla.; H. W. Hicks, Fargo, N. D., for N. D.; Elmer F. Davis, Sioux Falls, S. D., for S. D.; W. H. Cree, Colo., Wyo. and N. Mex. Pacific Coast special agents: F. J. H. Manning, San Francisco, Cal.; Geo. W. Swan, Spokane, Wash.; H. E. Parkhurst, Portland, Ore.; J. H. Morrow, Los Angeles, Cal.; Geo. F. Heuer, San Francisco, Cal.; Arthur Mack, Salt Lake City, Utah, for Utah. The company operates in all the States and Territories of the United States.

PATERNELLE FIRE INSURANCE COMPANY, Paris, France.

United States Managers, Meinel & Wemple, Inc., 80 Maiden Lane, New York.
(United States Branch Statistics.)

Commenced business in U. S. 1913.

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$918,669	\$400,911	\$355,764	\$493,922	\$525,383	\$441,238	\$130,908	\$572,146	\$597,268	*\$30,000
1913	924,436	638,087	285,349	638,088	639,422	.....	225,400	225,400	.....	+ 502,332

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$352,087	Losses unpaid.....	\$180,608
Cash.....	20,896	Unearned premiums.....	400,911
Interest.....	9,810	Other liabilities.....	1,386
Uncollected balances	36,426		
		Total liabilities.....	\$582,354
		Surplus.....	355,764
Total assets.....	\$918,669	Total.....	\$918,669

Underwriting loss, \$29,038; investment profit, \$40,005.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$69,632,765; premiums thereon, \$751,817.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$1,132,009; losses paid, \$502,535.

BONDS OWNED:		Par Value.	Market Value.
A. T. & S. F. Ry., gn. m., 1906, 4%....		\$80,000	\$76,800
Chi. B. & Q. Ry., 1908, 4%.....		70,000	65,800
Gt. No. Ry., 1901, 4%.....		70,000	70,700

BONDS OWNED.—Cont.		Par Value.	Market Value.
No. Pac. Ry., 1907, 4%.....		\$50,000	\$47,500
Pa. French loan, fra. 392,500, 1921, 3½%.....		75,300	69,278
Rep. France Pub. Debt Renta, fra. 400,000, 3%.....		76,700	63,661
Cincinnati, O., pt. imp., 1903, 4½%.....		80,000	84,800
Cleveland, O., 1942, 4½%.....		50,000	53,000
N. Y., op. stk., 1900, 4½%.....		50,000	50,500
N. Y., op. stk., 1903, 4½%.....		250,000	270,000
Totals (book value, \$842,267).....		\$852,000	\$852,037

MISCELLANEOUS: The company's home office statement shows assets of \$4,420,021; capital paid up, \$430,000; subscribed, \$1,200,000; deposit in Ohio, \$100,000; N. Y., \$200,000.

U. S. TRUSTEE: Farmers Loan & Trust Co., N. Y.

TERRITORY COVERED: The company transacts a re-insurance business in all the States.

PHENIX INSURANCE COMPANY, Paris, France.

United States Managers, Starkweather & Shepley, Inc., Providence, R. I. Organized, 1819.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$638,077	\$316,291	\$338,675	\$275,722	\$298,067	\$182,676	\$109,088	\$291,764	\$193,115	+ \$3,827
1913	627,610	194,115	335,181	271,194	293,614	121,427	100,857	222,284	127,019	- 80,000
1912	622,606	137,628	407,378	214,448	236,129	115,259	69,501	184,760	113,960	- 60,000
1911	621,421	93,524	486,237	196,675	217,615	44,491	50,026	94,517	63,603	- 10,868

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$507,000	Losses unpaid.....	\$40,343
Cash.....	64,502	Unearned premiums.....	216,291
Agents' balances.....	64,824	Other liabilities.....	42,768
Interest.....	6,416		
Other assets.....	100	Total liabilities.....	\$299,402
		Surplus.....	338,675
Total.....	\$642,842		
Sp. dep. over liab..	4,765		
Total assets.....	\$638,077	Total.....	\$638,077

Underwriting loss, \$13,888; investment profit, \$31,200.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$43,845,144; premiums thereon, \$393,457.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$957,039; losses paid, \$457,344.

BONDS OWNED:		Par Value.	Market Value.
Atl. Ga., so., 1927, 4½%.....		\$10,000	\$10,000
Clev., O., C. E., 1940, 4½%.....		100,000	104,000
N. Y. C. op. stk., 1900, 4½%.....		200,000	202,000
B. & O. R. R., 1 m., 1948, 4%.....		50,000	46,500
Chi. & Nwa. Ry., gn. m., 1907, 4%.....		50,000	47,500

BONDS OWNED.—Cont.		Par Value.	Market Value.
No. P. & Gt. No. Ry., C. B. & Q., 1921, 4%.....		\$50,000	\$48,500
Un. Pac. R.R., 1 m. R.R. & I. g., 1947, 4%.....		50,000	48,500
Totals (book value, \$511,050).....		\$510,000	\$507,000

MISCELLANEOUS: This company's home office statement, as of December 31, 1913, showed assets aggregating \$8,565,050, with a capital of \$800,000. Deposit in O., \$100,000; in Ga., \$10,000.

UNITED STATES TRUSTEE: Bankers Trust Co., New York.

FIELD MEN AND TERRITORY COVERED: Emil G. Pieper, superintendent of agencies, Providence, R. I.; Harry K. Rowe, special agent for New England, New Haven, Conn.; C. B. Burke, special agent, Plymouth Meeting, Pa., for Pa., Md. and N. J.; F. B. Decker, Rochester, N. Y., for N. Y.; J. D. Fry, So. Boston, Va., for N. C. and Va.; George A. Cram, Columbus, O., for O. and Ky.; John D. Pollock, for Mich., Minn., Ind. and western Ky.; Fay Morrissey, Champaign, Ill., for Neb., Ill., Mo. and Wis.; Gordon Williams, Atlanta, Ga., special agent, and J. R. Cothran, Atlanta, Ga., assistant special agent, for Ga. and S. C. The company operates in Colo., Conn., D. C., Ga., Ill., Ind., Ky., La., Md., Mass., Mich., Minn., Mo., Neb., N. J., N. Y., N. C., O., Ore., Pa., R. I., S. C., Tenn., Wash., W. Va. and Wis.

PHOENIX ASSURANCE COMPANY, London, Eng. §

United States Manager and Attorney, Percival Boreford; Assistant Manager, Hart Darlington, New York. Marine Department Managers, F. Herrmann & Co., New York. Organized, 1782.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$4,027,712	\$2,248,956	\$1,492,161	*\$2,592,174	\$3,723,502	*\$1,443,350	\$1,197,387	\$2,622,737	\$1,472,097	—\$30,719
1913	3,890,966	2,145,696	1,487,612	2,418,821	2,548,193	1,287,617	995,534	2,283,151	1,280,713	—59,447
1912	3,585,214	2,068,390	1,194,395	2,369,173	2,495,799	1,366,853	984,611	2,351,264	1,375,017	+9,049
1911	3,772,684	2,068,715	1,408,395	2,431,874	2,554,895	1,521,954	960,888	2,482,842	1,499,507	+19,520
1910	3,690,579	2,035,878	1,358,648	2,496,270	2,609,304	1,295,593	972,312	2,267,905	1,336,515	—5,882

*Includes \$284,934 marine premiums and \$148,865 marine losses.

§ Transacts fire and marine business.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks.....	\$3,108,036	Losses unpaid.....	\$228,845
Cash.....	314,032	Unearned prems.....	2,248,956
Agents' balances.....	553,842	Other liabilities.....	57,750
Interest.....	45,292		
Other assets.....	6,510	Total liabilities.....	\$2,535,551
		Surplus.....	1,492,161
Total assets.....	\$4,027,712	Total.....	\$4,027,712

Underwriting loss, \$157,579; investment profit, \$164,072.

RISKS AND PREMIUMS: Fire risks in force December 31, \$44,261,127; premiums thereon, \$4,150,580; marine and inland risks in force, \$9,203,153; premiums thereon, \$205,631.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$68,433,944; losses paid, \$43,846,558.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
Bonds.		
Mas. 1935, 3½%.....	\$450,000	\$418,500
Atlanta, 1931, 3½%.....	10,000	8,800
Balto. 1951, 4½%.....	50,000	49,000
Cleveland, 1925, 4½%.....	100,000	102,000
N. Y. C. 1960-2, 4½%.....	560,000	576,800
N. Y. C. 1960, 4½%.....	150,000	154,500
N. Y. C. 1925, 8½%.....	100,000	90,000
Richmond, City, 1943, 4½%.....	21,000	19,530
Rochester, City, wat., 1933, 3½%.....	150,000	139,500
A. T. & S. F. Trans. B. L., 1958, 4½%.....	50,000	45,500
A. C. L. R. R. L. & N. col. m., 1962, 4½%.....	57,000	53,440
B. & O. R. R., prior in. m., 1925, 3½%.....	35,000	32,200
C. & A. R. R., 1949, 3½%.....	125,000	75,000
C. & B. Q. R. R., gn. m., 1958, 4½%.....	100,000	94,000
C. M. & St. P. R. R., gn. m., 1968, 4½%.....	50,000	48,000
C. M. & St. P. R. R., gn. m., 1989, 4½%.....	50,000	51,500
C. & N. W. R. R., & f., 1929, 5½%.....	39,000	40,950
C. & N. W. R. R., gn. m., 1987, 3½%.....	75,000	62,250
C. R. I. & P. R. R., gn. m., 1988, 4½%.....	50,000	44,500
C. & W. Ind. R. R., 1952, 4½%.....	50,000	42,000
Del. & H. R. R., 1943, 4½%.....	50,000	49,000
Den. & Rio G. R. R., 1 ca. m., 1936, 4½%.....	50,000	40,000
Erie & Pitta. R. R., 1940, 3½%.....	100,000	86,000
Ill. C. R. R., St. L. Div., 1951, 3½%.....	16,000	13,120
Ill. C. R. R., St. L. Div., 1951, 3½%.....	120,000	87,600
J. F. & C. R. R., 1 m., 1959, 4½%.....	50,000	45,500
L. S. & M. So. R. R., 1 m., 1997, 3½%.....	50,000	43,000
L. S. & M. So. R. R., d., 1928, 4½%.....	50,000	47,000
Manhattan Ry., 1990, 4½%.....	50,000	46,500
N. Y. C. & H. R. R. R., 1997, 3½%.....	50,000	41,500
N. Y. N. H. & H. R. R., 1956, 4½%.....	110,000	81,400
Nor. & W. R. R., 1941, 4½%.....	50,000	44,500
No. Pac. R. R., prior in. m., 1997, 4½%.....	50,000	47,500
Pa. Co. F., 1921, 4½%.....	25,000	25,500
S. P. M. & M. R. R., 1 m., 1933, 4½%.....	50,000	52,000
So. Pac. R. R., col. tr., 1949, 4½%.....	59,000	55,460
Term. R. R. Assn., m. m., 1953, 4½%.....	50,000	44,000
Un. Pac. R. R., 1 m. R. R. & l. g., 1947, 4½%.....	50,000	48,500
West Shore R. R., 1 m., 2361, 4½%.....	120,000	111,600
Amer. Tl. & Tg., 1929, 4½%.....	50,000	44,000
N. Y. Tl., 1939, 4½%.....	60,000	58,800

Stocks.		
Underwriters' Salvage, N. Y.....	1,000	1,250
Underwriters' Salvage, Chi.....	1,000	1,000
Gn. Adj. Bureau.....	150	150
Mil. Underwriters' Bldg.....	86	86
So. Adj. Bureau.....	100	100
Pac. Coast Adj. Bureau.....	500	500

Totals (book value, \$3,108,036)..... \$3,384,836 \$3,108,036

MISCELLANEOUS: The Phoenix was the first English fire company to open an American branch, an office having been established in Philadelphia in 1804. Six years later hostile legislation led to its withdrawal. While the Phoenix was interested in United States business through reinsurance treaties (by which it lost \$500,000 at Chicago in 1871 and \$250,000 at Boston in 1872) it did not re-enter for direct business until 1879. The dominant interests in the Phoenix also control the Imperial Assurance Co. of New York. In 1907 the company acquired the business of the Pelecan and British Empire Life Offices. The home office statement of the Phoenix as of December 31, 1913, shows that it then had \$79,078,983 of assets, including the paid up portion of its capital, \$2,050,847. Its subscribed capital is \$15,571,652. Conflagration losses: Baltimore, 1904, \$472,769; San Francisco, 1906, \$2,518,804. San Francisco losses were paid by remittances from home office. Values of special deposits: Ga., \$8,800; Va., \$19,530.

UNITED STATES TRUSTEES: Geo. A. Strong, Harry Hayden Treadwell, Geo. Francis Crane, New York.

FIELD MEN AND TERRITORY COVERED: P. Boreford, manager; Hart Darlington, assistant manager; Howard Terhune, general agent; H. W. Ellis, general agent Eastern department; J. T. Tabler, general agent, southern dept., N. Y. office; R. E. Lidster, general agent; W. L. Maillet, assistant general agent western dept., Ind. Exch. Bldg., Chicago, Ill.; Washington Irving, general agent; R. Gallegos, assistant general agent, San Francisco, Cal. Special agents: John R. Banta, Hackensack, N. J., for N. J.; H. Vonderlieth, Boston, Mass., for Conn., Mass. and R. I.; W. A. Ellis, Montpelier, Vt., for Me., N. H. and Vt.; F. F. Stuckhart, Rochester, N. Y., for western N. Y.; W. F. Ingraham, Albany, N. Y., for eastern N. Y.; J. J. Galem, Oklahoma City, Okla., for Okla.; F. O. Hawkins, Montgomery, Ala., for Ala., La. and Miss.; Chas. D. Hubbard, Wynote, Pa., for Del., D. of C., eastern Md. and eastern Pa.; Herbert J. Hill, Pittsburgh, Pa., western Md. and western Pa.; Wm. Hart, Columbus, Ga., for Fla., Ga. and S. C.; T. L. Monagan, Dallas, Tex., for Tex.; A. H. Dixon, Little Rock, Ark., for Ark.; F. F. Porter, Richmond, Va., for N. C. and Va. Western department: J. A. Cloud, Cincinnati, O., for O.; J. R. Hall, Minneapolis, Minn., for Minn., N. D. and S. D.; H. Jones, Indianapolis, Ind., for Ind.; H. Kemper, Louisville, Ky., for Ky. and Tenn.; H. D. Kellogg, Mattoon, Ill., for Ill.; S. A. Fowler, Omaha, Neb., for Ia. and Neb.; B. M. Welch, Milwaukee, Wis., for Wis.; M. L. Sears, Kansas City, Mo., for Mo.; A. C. Heltzell, Denver, Colo., for Colo. and Wyo.; O. D. Wiebe, Grand Rapids, Mich., for Mich. Pacific Coast department: J. R. Gay, Idaho, Mont., eastern Ore., eastern Wash. and Utah; O. N. Hall, Ariz., Cal. and Nev.; E. J. Kellner, Ariz. and southern Cal.; E. C. G. Knowles, Ore. and Wash.; G. A. Youmans, Nev. and Nor. Cal.; B. W. Jones, Ore. and Wash.; G. A. R. Huer, central Cal. The company operates in all the States of the U. S.

PRUSSIAN NATIONAL INSURANCE COMPANY, Stettin, Ger.

United States Manager, Harold W. Letton; Assistant Manager, Geo. S. Valentine, Chicago, Ill. Organized, 1845.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$2,388,901	\$1,234,498	\$993,766	\$1,120,690	\$1,195,750	\$649,461	\$496,867	\$1,146,328	\$663,006	+\$310,805
1913	2,011,187	1,202,413	675,940	1,103,970	1,189,339	801,828	429,005	1,030,833	575,002	-31,175
1912	1,962,189	1,183,840	641,041	1,116,086	1,179,231	580,660	479,598	1,060,255	554,782	-50,000
1911	1,914,308	1,134,191	634,679	1,110,847	1,171,719	609,979	449,128	1,059,106	632,508	-631
1910	1,803,792	1,068,367	621,100	1,043,432	1,106,049	561,914	432,380	998,174	537,984	-50,000

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks....	\$1,803,325	Losses unpaid.....	\$130,550
Cash.....	277,617	Unearned premiums.....	1,234,498
Agents' balances.....	287,845	Other liabilities.....	30,087
Interest.....	20,480		
Other assets.....	9,834	Total liabilities.....	\$1,395,135
Total.....	\$2,399,101	Surplus.....	993,766
Spl. dep. over liab.....	10,200		
Total assets.....	\$2,388,901	Total.....	\$2,388,901

Underwriting loss, \$76,368; investment profit, \$95,069.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$238,137,260; premiums thereon, \$2,379,929.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$16,224,650; losses paid, \$9,197,552.

BONDS OWNED:		Par Value.	Market Value.
Porto Rico Gov., 1929, 4%.....		\$10,000	\$10,200
Allegheny Co., Pa., 1935, 4%.....		40,000	38,800
Balto., Md., wat. l., 1938, 4%.....		10,000	9,800
Bergen Co., N. J., road imp., 1923-28, 5%.....		18,000	19,170
Buffalo, N. Y., wat. wks., 1957, 4%.....		40,000	38,800
Cincinnati, O., st. imp., 1929, 4%.....		40,000	40,800
Cleveland, O., wat. wks., 1920, 4%.....		40,000	40,400
Cleveland, O., Cuy. Riv. pur., 1943, 4½%.....		40,000	10,600
Cohoes, N. Y., fire dept., 1928, 4½%.....		5,000	5,150
Cuyahoga Co., O., bg., 1931-32, 5%.....		40,000	43,140
Essex Co., N. J., bg., 1924, 4%.....		30,000	29,700
Hudson Co., N. J., Co. big., 1948, 4½%.....		30,000	29,400
Hudson Co., N. J., Co. big., 1948, 4½%.....		10,000	10,300
Jamestown, N. Y., free se., 1927-32, 5%.....		39,000	41,955
Jersey City, N. J., wat. l., 1932, 4%.....		40,000	38,800
Los Angeles, Cal., wat. wks., 1944-45, 4%.....		40,000	37,600
Mass. State wat. l., 1941, 3%.....		150,000	126,000
Memphis, Tenn., wat. wks., 1933, 4%.....		40,000	38,800
Middlesex Co., N. J., Co. big., 1939-43, 4½%.....		25,000	25,250
Minneapolis, Minn., se., 1937, 4%.....		40,000	39,200
Mt. Vernon, N. Y., heavy imp., 1930, 4%.....		10,000	9,900
N. Y. C., ca., 1922-27, 3½%.....		30,000	28,700
N. Y. C., ca., 1925-54, 3½%.....		175,000	157,300
N. Y. C., sp., 1964, 4½%.....		105,000	108,150
Norfolk, Va., 1937-30, 4%.....		20,000	18,300
Norfolk, Va., 1942, 4½%.....		20,000	19,200
Portland, Ore., bg., 1922, 5%.....		34,000	35,700
St. Louis, Mo., (World's Fair), 1922, 3½%.....		30,000	28,500
St. Paul, Minn. (Mun. Bldg.), 1936, 4%.....		20,000	19,600
Salt Lake City, Utah, wat., 1928, 4½%.....		40,000	39,600
Schenectady, N. Y., se., 1921-22, 5%.....		25,000	26,050
Spokane, Wash. (wat.), 1925, 4%.....		40,000	38,400
Syracuse, N. Y., high se., 1923-25, 4½%.....		25,000	25,750
Tacoma, Wash., mun. el. lt., 1929, 4½%.....		40,000	40,400
Toledo, O., wat. wks., 1921, 4%.....		20,000	20,200
Yonkers, N. Y., C. H., 1919, 5½%.....		40,000	42,100
Can. So. Ry., 1962, 5%.....		30,000	31,800
Cent. of Ga. Ry., ca. 1945, 5%.....		15,000	15,750
Ches. & O., 1992, 4½%.....		15,000	14,100

BONDS OWNED—Cont.		Par Value.	Market Value.
C., M. & St. P. (C.P.W. Div.), 1921, 5%.....		\$20,000	\$31,200
Clev. Term. Val. Ry., 1995, 4%.....		15,000	12,750
Hocking Val. Ry., 1999, 4½%.....		15,000	15,150
Ill. Cent., 1951, 4%.....		8,000	7,840
Ill. Cent., Omaha Div., 1951, 3%.....		30,000	21,900
Ia. Central, 1938, 5%.....		30,000	26,400
Lake Erie & Western, 1937, 5%.....		15,000	15,300
L. & N. gm., 1980, 6%.....		7,000	7,910
L. & N. E. H. & N., 1919, 6%.....		3,000	3,270
Mo., Kan. & Tex., l. m., 1990, 4%.....		15,000	12,900
N. Y. C., Beach Ch. Div., 1936, 4%.....		30,000	28,500
N. Y. C. & H. R., 1997, 3½%.....		20,000	18,600
N. Y. C. & St. L., 1937, 4%.....		30,000	28,500
Ore. Ry. & Nav., 1946, 4%.....		30,000	27,900
Pa., 1921, 4½%.....		30,000	30,600
Pure Marquette, L.E. & D.R. Div., 1932, 4½%.....		30,000	20,400
Rochester & Pitts., 1921, 6%.....		14,000	15,400
Sioux City & Pac., 1936, 3½%.....		20,000	17,600
Toledo & O. Cent., W. Div., 1938, 5%.....		16,000	16,640
Vandalia Ry., 1955, 4%.....		30,000	27,900
Va. Ry., 1962, 5%.....		15,000	14,700
Gn. El., 1952, 5%.....		10,000	10,600
Totals (book values, \$1,891,328).....		\$1,874,000	\$1,803,325

MISCELLANEOUS: This company began business in the United States in 1891. Its home office statement as of December 31, 1914, showed assets aggregating \$6,384,144, not including \$1,687,500 stockholders' notes. Conflagration losses: Baltimore, 1904, \$2,500; San Francisco, 1906, \$782,865; San Francisco losses were paid by remittances from home office. Deposit in Porto Rico, \$10,200; in Ohio, \$100,000.

UNITED STATES TRUSTEES: John C. Black, George H. Webster, J. Ogden Armour, Chicago.

FIELD MEN AND TERRITORY COVERED: Harold W. Letton, general manager United States department; George S. Valentine, assistant manager; Irving A. Brown, Taunton, Mass., special agent for Conn., R. I. and Mass.; O. W. Mink, Brooklyn, N. Y., special agent for Met. Dis., N. Y. and N. J.; H. L. Platt, Syracuse, N. Y., special agent for N. Y., outside of Met. Dis.; E. H. White, Philadelphia, Pa., special agent for Pa., Md., Del. and D. C.; Wallace Mink, Chicago, Ill., special agent for Ill.; H. Verne Myers, Waterloo, Ia., special agent for Ia., Mo. and Neb.; W. H. Zingg, Minneapolis, Minn., special agent for Minn. and Wis.; John A. Prinsen, Los Angeles, special agent for southern Cal.; H. M. Dinsmore, San Francisco, Cal., special agent for northern Cal.; Dean A. Baldwin, Seattle, Wash., special agent for Wash., Ore. and northern Idaho; H. G. Fowler, Denver, Col., special agent for Colo., southern Ida., Mont., Utah and Wyo.; D. M. Pollard, Austin, Tex., special agent for Tex. and Okla.; A. C. Mack, Detroit, Mich., special agent for Mich.; J. W. Noble, Indianapolis, Ind., special agent for Ind., N. C. and Ky.; Clark F. Hinman, Columbus, Ohio, special agent for O. and W. Va. The company operates in all of the States of the U. S. except Ala., Ariz., Ark., Fla., Ga., Kan., Me., Miss., Nev., N. H., N. M., N. D., S. D., Tenn., Vt. and Va.

RELIANCE MARINE INSURANCE COMPANY, LTD., Liverpool, Eng.†

Attorney and Manager, W. L. H. Simpson, New York. Organized, 1885.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	Remit to H. O.
1914	\$378,989	\$35,494	\$272,099	\$259,448	\$271,044	\$155,239	\$49,207	\$204,446	.....	\$40,076
1913	344,811	33,180	270,935	174,563	186,755	190,403	43,790	234,193	135,190	\$21,430
1912	376,295	32,308	241,528	248,886	261,272	145,511	40,713	186,224	184,847	\$7,982
1911	364,240	30,983	275,045	222,181	234,585	99,080	42,597	141,647	106,108	\$6,239
1910	365,058	35,916	272,175	251,697	265,026	176,796	47,125	223,921	176,325	\$9,470

* Received from home office.

† Transacts marine business.

RELIANCE MARINE INSURANCE COMPANY, Ltd., Liverpool, Eng.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$323,080	Losses unpaid	\$61,045
Cash	36,888	Unearned premiums	35,494
Agents' balances	16,408	Other liabilities	10,351
Interest	2,603		
		Total liabilities	\$104,890
		Surplus	272,099
Total assets	\$378,969	Total	\$378,969

Underwriting profit, \$22,792; investment profit, \$18,448.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$6,650,174; premiums thereon, \$57,306.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$3,896,700; losses paid, \$2,920,949.

BONDS OWNED:		Par Value.	Market Value.
N. Y. C. adf'l wat. stk., 1915, 3½%		\$25,000	\$25,000
N. Y. C. dock, 1919, 3½%		100,000	95,000
N. Y. C. op. stk., 1953-4, 3½%		100,000	88,000
N. Y. C. op. stk., 1959, 4%		50,000	50,000
Fitchburg R.R., 1925, 4%		14,000	12,880

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Hereford Ry., 1930, 4%	\$15,000	\$13,050
N. Y. C. & H. R. R.R., 1997, 3½%	30,000	24,900
Old Colony R.R., 1924, 4%	15,000	14,250

Totals (book value, \$350,415)..... \$349,000 \$323,080

MISCELLANEOUS: The American and Foreign Marine, the Maritime of Liverpool, and the British and Foreign Marine's United States branch, are under the same management as this company. The Reliance commenced business in the United States in 1890. Conflagration loss: Baltimore, 1904, \$2,500. Deposit in Mass., \$25,000.

UNITED STATES TRUSTEE: Old Colony Trust Co., Boston.

FIELD MEN AND TERRITORY COVERED: W. L. H. Simpson, attorney for the United States; agents, F. Gair Macomber, Boston, Mass.; F. H. G. Fry, New Orleans, La.; M. J. Sanders, New Orleans, La. The company is licensed in all States and Territories, except Ark., Del., Fla., Ga., Haw., Kan., Miss., Neb., N. M., N. D., Okla., P. I., P. R., Tex., Vt., Va., W. Va. and Wyo.

ROSSIA INSURANCE COMPANY, Petrograd, Russia. §

United States Manager, C. F. Sturhahn, Hartford, Conn. Organized, 1881.
(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$6,233,165	\$3,762,391	\$1,298,153	\$4,159,542	\$6,408,872	\$4,735,101	\$1,890,741	\$6,625,842	\$4,968,765	+ \$212,677
1913	6,168,186	4,201,134	903,095	6,730,641	6,932,083	4,043,909	2,017,368	6,060,677	4,288,624	-106,134
1912	5,990,006	3,600,474	1,193,790	5,888,156	6,054,832	3,442,414	1,781,964	5,224,378	3,684,827	+171,798
1911	4,694,243	3,101,155	949,379	4,784,361	4,821,890	2,530,152	1,501,680	4,031,832	2,809,847	+115,000
1910	3,645,590	2,529,765	614,591	3,939,704	4,060,658	2,247,320	1,261,155	3,508,475	2,219,642	-197,716

* Includes \$1,119,062 marine premiums and \$659,879 marine losses.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$255,831	Losses unpaid	\$1,157,621
Bonds and stocks	4,998,040	Unearned premiums	3,762,391
Cash	768,580	Other liabilities	15,000
Agents' balances	135,997		
Interest	74,717	Total liabilities	\$4,935,012
		Surplus	1,298,153
Total assets	\$6,233,165	Total	\$6,233,165

Underwriting loss, \$125,630; investment profit, \$308,012.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$627,880,064; premiums thereon, \$6,739,637; marine and inland risks in force, \$13,190,986; premiums thereon, \$405,857.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$44,475,092; losses paid, \$28,393,855.

REAL ESTATE OWNED: Consists of the company's head office building in Hartford, carried at book value.

BONDS OWNED:		Par Value.	Market Value.
Clev. O., reg., 1931, 4½%		\$100,000	\$106,000
N. Y. State canal imp., reg., 1957-9, 3%		350,000	346,500
N. Y. State canal imp., reg., 1960-1, 4%		260,000	265,200
N. Y. C. N. E. Riv. Bg., reg., 1953, 3½%		300,000	264,000
N. Y. C. op. stk., 1953, 4½%		45,000	49,800
N. Y. C. op. stk., 1915, 6%		14,000	14,000
N. Y. C. rev. 1915-7, 6%		11,000	11,340
A. T. & S. Fe Ry., gn. m., 1905, 4%		150,000	144,000
A. T. & S. Fe Ry., 1 & r., 1962, 4½%		50,000	49,000
A. C. L. R.R., 1 ca. m., 1952, 4%		100,000	94,000
B. & O. R.R., 1 m., 1948, 4%		100,000	93,000
B. & O. R.R., prior in., 1925, 3½%		150,000	138,000
B. & A. R.R., r. m., 1963, 5%		100,000	110,000
Bush Tm. Bldg., 1 m., 1960, 5%		100,000	87,000
Cent. Pac. Ry. Co., 1 r. m., 1949, 4%		100,000	94,000
C. & O. R.R., 1 ca. m., 1939, 5%		100,000	107,000
C. & O. R.R., gn. m., 1993, 4½%		100,000	94,000
C. & O. R.R., gn. m., 1953, 4%		100,000	94,000
C. B. & O. R.R., Ill. Div., 1940, 3½%		100,000	85,000
C. M. & St. P. R.R., gn. m., 1960, 4%		100,000	96,000
C. & Nwa Ry., gn. m., 1987, 4%		115,000	108,250
C. R. I. P. Ry., gn. m., 1968, 4%		100,000	80,000
C. I. St. L. & C. Ry., 1 m., 1936, 4%		100,000	91,000
C. C. & St. L. Ry., gn. m., 1963, 4%		100,000	77,000
Dal. & H., 1 r. m., 1943, 4%		100,000	98,000
D. & Rio G. R.R., 1 ca. m., 1936, 4%		100,000	80,000
Erie R.R., prior in., 1906, 4%		100,000	84,000
Et. No. Ry., 1 & r. m., 1961, 4½%		65,000	65,660

§ Transacts fire and marine business.

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Leh. Val. Ry., 1 m., 1940, 4½%	\$50,000	\$50,500
Leh. Val. Ry., 1 m., reg., 1940, 4½%	50,000	50,500
L. & N. R.R., unified, 1940, 4%	150,000	144,000
Mo. K. & T. Ry., 1 m., 1990, 4%	50,000	43,500
Mo. Pac. Ry., 1 ca. m., 1920, 6%	60,000	51,000
N. Y. C. & H. R. R.R., 1 m., 1997, 3½%	100,000	83,000
N. Y. C. & H. R. R.R., 1 m., reg., 1997, 3½%	50,000	41,500
N. Y. O. & W. Ry., r. m., 1992, 4%	25,000	20,750
N. Y. W. & B. Ry., 1 m., 1946, 4½%	100,000	70,000
N. & W. Ry., 1 ca. m., 1996, 4%	150,000	144,000
No. Pac. Ry. Ry. & L. G., prior in., 1997, 4%	200,000	190,000
Ore. R.R. & Nav., ca. m., 1946, 4%	100,000	93,000
Ore. S. L. Ry., r. m., 1929, 4%	100,000	92,000
Pa. R.R., ca. m., 1948, 4%	100,000	100,000
Portland Tm., 1 m., 1961, 4%	50,000	43,500
R. & P. & R. C. & I., gn. m., 1997, 4%	150,000	142,500
St. L. I. M. & So. Ry., R. & G. Div., 1 m., 1933, 4%	40,000	29,200
St. L. & S. F. R.R. r. m., 1951, 4%	75,000	47,250
So. Pac. R.R., 1 r. m., 1955, 4%	100,000	92,000
So. Ry., 1 ca. m., 1994, 5%	50,000	52,500
Tex. & Pac. Ry., 1 m., 2000, 5%	50,000	50,000
Un. Pac. R.R.-1 m., R.R. & I. g., 1947, 4%	200,000	194,000
Wabash R.R., 1 m., 1939, 5%	60,000	61,800
W. N. Y. & Pa. Ry., 1 m., 1937, 5%	75,000	78,000

Totals (book value, \$5,316,245)..... \$5,335,008 \$4,908,046

MISCELLANEOUS: This company began business in the United States in February, 1904, writing fire reinsurance only, and has secured licenses in all the States and Territories in the United States requiring reinsurance companies to be licensed. C. F. Sturhahn was formerly assistant United States manager of the Munich Reinsurance Co. On January 1, 1915, its home office statement showed \$62,703,018 of assets, its capital being \$2,600,000. The Rossia transacts life, accident, fire and marine insurance in other countries. Conflagration loss: San Francisco, 1906, \$1,571,406. San Francisco losses were largely paid by remittances from home office. Value of deposits in Ohio, \$100,000; in Conn., \$210,000; in N. Y., \$400,000.

UNITED STATES TRUSTEES: Isaac N. Seligman, Hubert Cillis, Geo. B. Edwards, New York.

TERRITORY COVERED: The company is licensed in Ark., Colo., Conn., Del., Ill., Ind., Ia., La., Mass., Mich., Miss., Mont., Nev., N. H., N. J., N. Y., N. C., O., Pa., Tex., Utah and W. Va.

ROYAL EXCHANGE ASSURANCE CORPORATION, London, Eng.†

United States Manager, R. D. Harvey, New York. Organized, 1720.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$2,956,097	\$1,601,040	\$1,069,741	*\$1,909,721	\$2,015,862	*\$1,115,270	\$760,611	\$1,875,881	\$1,168,872	—\$118,292
1913	2,898,744	1,611,744	1,054,442	1,956,852	2,054,010	1,130,160	775,534	1,905,694	1,070,089	+71,481
1912	2,750,942	1,525,491	901,137	1,916,060	2,008,125	951,165	731,534	1,682,699	989,431	—140,688
1911	2,603,176	1,376,633	974,872	1,814,150	1,704,982	851,269	653,749	1,505,018	853,462	—17,355
1910	2,233,356	1,285,160	746,856	1,430,155	1,510,434	764,395	596,592	1,360,987	764,594	—132,069

* Includes \$362,900 marine premiums, and \$205,841 marine losses.

† Transacts fire and marine business.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks...	\$2,382,815	Losses unpaid.....	\$228,387
Cash.....	234,087	Unearned prems.....	1,601,040
Agents' balances.....	307,737	Other liabilities.....	56,929
Interest.....	34,025		
		Total liabilities.....	\$1,886,356
Total.....	\$2,968,664	Surplus.....	1,069,741
Spl. dep. over liab..	2,567		
Total assets.....	\$2,956,097	Total.....	\$2,956,097

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
W. U. Tg. f. & r. e. m. g., 1950, 4½%....		\$100,000	\$92,750
W. Un. Tg., col. tr., 1938, 5%.....		30,000	28,500

STOCKS.		Par Value.	Market Value.
Minn., St. P. & S. Sta. M. R.R., leased l..		50,000	40,000
Totals (book value, \$2,552,352).....		\$2,502,500	\$2,374,383

Underwriting loss, \$10,333; investment profit, \$157,240.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$301,463,440; premiums thereon, \$2,898,049; marine and inland risks in force, \$10,286,468; premiums thereon, \$187,983.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$24,102,311; losses paid, \$15,972,275.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
U. S. Gov. Pan. canal l., 1961, 3%.....	\$30,000	\$30,375
Va., 1991, 3%.....	20,000	16,700
Boston, wat., 1922, 4%.....	23,000	21,780
Chi., g., 1915, 4%.....	40,000	40,000
Chi., wat. l., 1915, 4%.....	20,000	20,000
Chi., riv. imp., 1915, 4%.....	40,000	40,000
Clev., Bd. Education, 1920, 4%.....	25,000	25,125
Clev., Wat. Wks., 1920, 4%.....	50,000	50,250
Lima, ref., 1930, 3½%.....	25,000	23,812
Middletown, O., pk. imp., 1930, 4%.....	25,000	25,250
N. Y. C., g., 1926, 3½%.....	150,000	141,000
N. Y. C., ep. stk., 1904, 4½%.....	100,000	101,875
N. Y. C., ep. stk., 1904, 4½%.....	50,000	50,637
N. Y. C., ep. stk., wat., 1959, 4%.....	50,000	50,000
N. Y. C., ep. stk., R. T., 1949, 3½%.....	30,000	28,250
N. Y. Co., cv. stk., 1917, 3%.....	37,000	36,075
Phila., l., 1931, 3½%.....	100,000	93,875
Portland, Ore., wat. l., 1923, 5%.....	50,000	52,500
Richmond, 1938-41-43, 4%.....	34,000	31,960
Toledo, O., bg., 1940, 4%.....	25,000	25,437
A. T. & S. Fe Ry., adj., 1935, 4%.....	50,000	43,750
B. & O. R.R., cv. g., 1933, 4½%.....	50,000	46,063
C. Pac. Ry., r. g., 1949, 4%.....	50,000	47,000
C. Pac. Ry., r. g., 1929, 3½%.....	2,500	2,267
Chi., W. G. R.R., 1 m. g., 1959, 4%.....	37,000	43,180
C. & W. Ind. R.R., es. m. g., 1952, 4%.....	25,000	31,125
L. S. & M. So., reg. g., 1931, 4%.....	20,000	18,600
N. Y. Ry., 1 m., 1940, 4½%.....	50,000	50,500
N. Y. C. L., eq. tr. chf., 1922, 4½%.....	150,000	148,738
N. Y. C. & H. R. R.R., d., 1934, 4%.....	100,000	89,250
N. Y. C. & St. L. R.R., g., 1931, 4%.....	25,000	21,000
No. Pac. Ry., prior in. & L. G., 1907, 4%.....	50,000	47,625
No. Pac.-Gt. No. Jt. col., 1921, 4%.....	50,000	48,625
P. B. & W. R.R., g., 1918, 4%.....	50,000	49,000
P. C., C. & St. L. R.R., c. g., 1942, 4½%.....	50,000	50,750
St. L. Mer. Bg. Tm. Ry., 1930, 5%.....	100,000	102,000
St. L. Tm. C. Sta. & P., 1 m., 1917, 4½%.....	100,000	97,500
So. Pac. R.R., r., 1955, 4%.....	50,000	46,125
So. Ry., dev. & gn. m., g., 1956, 4%.....	50,000	36,625
T. W. Val. & O. R.R., g., 1933, 4½%.....	100,000	98,500
Un. Pac. R.R., 1 m. & L. G. g., 1947, 4%.....	50,000	48,687
W. Va. & Pitta. R.R., 1 m., 1960, 4%.....	20,000	17,000
W-S.S. Ry., 1 m., 1960, 4%.....	100,000	86,500
Chi. Tel. Co., 1 m., 1923, 5%.....	50,000	50,500

MISCELLANEOUS: The Royal Exchange began transacting marine insurance in 1696, and secured its charter (under which it now writes fire insurance) in 1720. At home, it transacts fire life, sea, burglary, accident and employers' liability insurance, but confines its writings in the United States to fire and marine insurance. It began business in the United States in 1891, on the Pacific Coast, and in 1898 commenced a general business, with headquarters in New York. As of January 1, 1913, its home office statement showed \$8,795,100 of assets, its paid-up capital being £689,220. Conflagration losses: Baltimore, 1904, \$402,558; San Francisco, 1906, \$2,968,637. Baltimore and San Francisco losses were paid by remittances from home office. Values of special deposits: Va., \$48,660; Ga., \$10,125; O., \$100,000; Mass., \$200,000.

UNITED STATES TRUSTEES: Geo. Francis Crane, Thatcher M. Brown, New York.

FIELD MEN AND TERRITORY COVERED: Gayle T. Forbush, Boston, Mass., general agent for New Eng.; F. E. Potter, Elmira, N. Y., special agent for N. Y. State; Geo. R. Fulton, Pittsburgh, Pa., special agent for western Pa. and W. Va.; A. N. Hamilton, A. J. Towne, Philadelphia, Pa., special agents for eastern Pa., N. J., Md. and D. C.; James E. Tallman, Chicago, Ill., State agent for Ill., Ind. Wis., Minn. and S. D.; Richard W. Grim, Columbus, O., special agent for O., Ky. and Tenn.; George R. Webb, Kansas City, Mo., special agent for Mo., Kan., Ia. and Neb.; C. D. Livingston, Detroit, Mich., State agent for Mich.; W. J. Cissel, Denver, Colo., State agent for Colo.; Utah, Mont., S. Ida. and Wyo.; Lawrence F. Lamping, Seattle, Wash., State agent for Wash., Ore. and N. Ida.; southern department, comprising Alabama, Fla., Ga., Miss., N. C., S. C. and Va.; Edwin G. Seibels, manager, Columbia, S. C.; John J. Seibels, assistant manager, Columbia, S. C.; Chas. J. Bruce, general agent, Columbia, S. C.; Burton D. Decker, special agent, Richmond, Va., for Va. and N. C.; Chas. B. Robb, special agent, Columbia, S. C., for S. C. and western N. C.; A. L. Brooks, executive special agent, Atlanta, Ga., and T. H. Brooks, special agent, Atlanta, Ga., for Ga., Ala. and Miss.; Chas. M. Hilliard, special agent, Palatka, Fla., for Fla., and J. Walter Hilliard, special agent, Palatka, Fla., for Fla.; Southwestern department, comprising Tex., La., Ark. and Okla.; Tresevant & Cochran, general agents, Dallas, Ark.; special agents: R. M. Anderson, Dallas, Tex.; A. H. Dixon, Little Rock, Ark.; J. K. Shepherd, Little Rock, Ark.; Willie E. Horton, Jr., New Orleans, La.; Frank A. Nisbet, Dallas, Tex.; M. M. Overby, San Antonio, Tex.; Sam M. Powell, Dallas, Tex.; J. H. Price and D. H. Houseman, Oklahoma City, Okla.; E. E. Robinson, Dallas, Tex.; Joe G. Smith, Dallas, Tex.; E. E. Wright, New Orleans, La.; V. B. Wright, Palestine, Tex.; Adjusters: Sam Bucklew, Dallas, Tex.; J. B. Hines, Bryan, Tex.; F. E. Holmes, Oklahoma City, Okla.; G. W. Kleinknecht, Dallas, Tex.; Appleton & Cox, New York City, managers marine department. The company operates in all States of the United States, except Alas., Ariz., Cal., Del., Haw., Nev., N. M., N. D., Phil. Isl. and Vt.

ROYAL INSURANCE COMPANY, Ltd., Liverpool, Eng.†

General Attorney for United States, E. F. Beddall; Manager, C. F. Shallercross, New York; Manager, R. V. Watt, San Francisco; Managers, Field & Cowies, Boston; Manager, George W. Law, Chicago; Manager, Milton Dargan, Atlanta; Manager for Marine and Transportation Department, John E. Hoffman. Organized, 1845.
(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$13,291,636	\$8,406,662	\$3,760,562	\$8,199,617	\$8,644,507	\$4,594,224	\$3,124,390	\$7,728,614	\$4,705,547	—\$293,454
1913	12,599,303	8,418,378	3,293,001	8,235,946	8,658,638	4,430,460	3,234,317	7,664,777	4,232,888	—368,806
1912	12,251,806	8,343,730	2,817,736	8,672,802	9,093,352	4,210,202	3,361,135	7,571,337	4,108,096	—1,124,015
1911	11,840,302	7,592,618	2,037,558	7,835,649	8,261,920	4,088,288	2,964,002	7,052,290	3,957,381	—848,762
1910	11,534,555	7,475,737	2,352,039	7,641,213	8,034,619	3,649,823	2,860,685	6,510,508	3,732,315	—1,229,041

Unearned premiums include amounts claimable on perpetual policies.
marine losses. † Transacts fire and marine business.

* Includes \$1,047,555 marine premiums and \$430,200

Assets, Dec. 31, 1914. LIABILITIES, Dec. 31, 1914.

Real estate.....	\$4,381,265	Losses unpaid.....	\$773,329
Mortgage loans.....	240,100	Unearned prem.....	8,326,596
Bonds and stocks.....	6,052,768	Perp. dep. rec'd.....	82,067
Cash.....	1,104,433	Other liabilities.....	349,083
Agents' balances.....	1,418,140		
Interest and rents.....	94,980		

Total assets.....\$13,291,636 Total.....\$13,291,636

Underwriting profit, \$261,016; investment profit, \$510,086.
RISKS AND PREMIUMS: Fire risks in force (except perpetuals), December 31, \$1,564,964,061; premiums thereon, \$15,578,614; marine and inland risks in force, \$34,540,368; premiums thereon, \$765,598; perpetual fire risks, \$4,364,117; deposit premiums thereon, \$64,963.

BUSINESS IN U. S. SINCE 1873: Premiums received, \$130,543,291; losses paid, \$102,594,903.

REAL ESTATE OWNED: Comprises 5 properties, which are carried at their book values, which are \$483,752 less than cost. They are as follows: Royal Insurance Building, Walnut and 3d sts., Philadelphia, book value, \$65,000; Royal Insurance Building, Jackson and Quincy sts., Chicago, book value, \$1,267,765; Royal Insurance Building, Pine and Sansome sts., San Francisco, book value, \$1,068,500; office building, 25 Pine st., New York, book value, \$350,000; Royal Insurance Building, N. E. corner William st. and Madison lane, New York, book value, \$1,500,000.

MORTGAGE LOANS: There are 14 loans, ranging from \$2,000 to \$50,000 each, aggregating \$340,100, and secured by properties valued at \$675,500. No interest was past due on December 31, last. The \$50,000 loan is upon property in Evanston, Ill., valued at \$110,000; a loan of \$27,000 is secured by stores and dwellings at 30 Rivington st., New York, valued at \$46,500. These are the largest loans, and all seem well protected.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
Can. O. Hosp., 1907, 3.65%.....	\$100,000	\$98,000
Clev. O. pk. P. Blvd., 1940, 4.10%.....	10,000	10,400
Can. 1917, 3½%.....	15,000	14,850
Man. grade cross., g., 1928, 3½%.....	100,000	95,000
N. M. agric. col., 1931, 5%.....	10,000	10,400
N. Y. S. canal imp. g., 1906-09, 3%.....	65,000	64,350
N. Y. S. canal imp. g., 1906, 4%.....	10,000	10,200
N. Y. S. levy. imp. g., 1903, 3%.....	20,000	19,800
N. Y. S. levy. imp. g., 1903, 4%.....	35,000	35,700
N. Y. S. large canal tm., 1949, 4%.....	50,000	50,500
N. Y. S. levy. imp. g., 1903, 4½%.....	100,000	110,000
N. Y. C. op. g., 1902, 3½%.....	102,000	105,060
N. Y. C. op. g., 1907, 3½%.....	200,000	188,000
N. Y. C. op. g., 1940-52, 3½%.....	150,000	133,000
N. Y. C. op. g., 1906, 4%.....	5,200	5,148
Richmond, Va., 1926-43, 4%.....	52,000	49,880
St. Louis, Mo., 1922, 3½%.....	25,000	23,750
Ab. Mid. Ry., 1 m. g., 1928, 5%.....	25,000	26,500
Ab. & Susq. R.R., 1 m., 40-yr. g., 1940-44%.....	65,000	66,550
A. T. & S. P. R.R., g. m. g., 1908, 4%.....	71,000	68,160
A. C. L. R.R., 1 m. m. g., 1903, 4%.....	100,000	94,000
B. & O. R.R., prior la. g., 1925, 3½%.....	130,000	119,600
B. & O. R.R., 1 m. g., 1943, 4%.....	75,000	69,750
B. R. & P. Ry., g. m. g., 1937, 4%.....	15,000	16,500
C. N. Eng. Ry., 1 m. g., 1961, 4%.....	50,000	38,500
C. Pac. Ry., 1 r. m. g., 1949, 4%.....	125,000	117,500
C. R.R. of N. J. g. m. g., 1907, 4%.....	149,000	174,330
C. O. Ry., 1 m. g., 1909, 5%.....	202,000	216,140
C. & A. R.R., r. g., 1949, 3%.....	65,000	39,000
C. & A. R.R., 1 m. g., 1950, 3½%.....	15,000	6,450
C. B. & Q. R.R., m. l. la. Div., 1919, 4%.....	33,000	32,670
C. B. & Q. R.R., m. l. Div., 1949, 3½%.....	21,250	21,250
Chi. & Erie R.R., 1 m. g., 1903, 5%.....	50,000	54,000
C. I. & So. R.R., g., 1906, 4%.....	50,000	42,000

BONDS AND STOCKS OWNED.—Cont.

	Par Value.	Market Value.
C. M. & St. P. Ry., C. & P. W. Div., 1 m., g., 1921, 5%.....	\$75,000	\$78,000
C. M. & St. P. Ry., 1 m. g., 1921, 5%.....	25,000	26,250
C. M. & St. P. Ry., cv. g., 1932, 4½%.....	1,500	1,530
C. M. & St. P. Ry., g. m. g., 1909, 4½%.....	50,000	51,500
C. & Nwn. Ry., eq. tr., 1922, 4½%.....	50,000	50,000
C. & Nwn. Ry., ex., 1926, 4%.....	40,000	38,400
C. & Nwn. Ry., g. m. g., 1907, 3½%.....	25,000	20,750
C. R. I. & P. Ry., 1 m., 1917, 6%.....	20,000	20,800
C. R. I. & P. Ry., g. m. g., 1908, 4%.....	50,000	44,500
C. St. L. & N. O. R.R., g., 1951, 5%.....	12,000	13,200
C. St. L. & N. O. R.R., g., 1951, 3½%.....	50,000	41,500
C. I. St. L. & C. R.R., g. m. g., 1936, 4%.....	155,000	141,050
C. C. & St. L. R.R., 1 m. g., 1901, 4%.....	25,000	20,500
Clev. Tm. & Val. R.R., 1 m. g., 1905, 4%.....	6,000	5,100
Dak. & Gt. So. Ry., 1 m. g., 1916, 5%.....	25,000	25,250
Des Plaines Val. Ry., 1 m. g., 1947, 4½%.....	25,000	24,500
Fargo & So. Ry., 1 m. g., 1924, 6%.....	19,000	21,660
Fitchburg R.R., 1927, 4%.....	100,000	91,000
F. & P. M. R.R., 1 m. g., 1939, 5%.....	5,000	3,350
Fla. E. C. Ry., 1 m. g., 1959, 4½%.....	50,000	45,500
Ga. Pac. Ry., 1 m. g., 1922, 6%.....	50,000	54,500
Hocking Val. Ry., cv. m. g., 1909, 4½%.....	50,000	50,500
Ill. C. R.R., W. Lines, 1 m. g., 1951, 4%.....	37,000	33,670
Ill. C. R.R., 1 m. g., 1951, 4%.....	100,000	98,000
Ill. C. R.R., g., 1952-53, 4%.....	33,000	29,700
I. I. & I. R.R., 1 m. g., 1950, 4%.....	25,000	22,000
J. F. & C. R.R., 1 m. g., 1959, 4%.....	25,000	22,750
L. S. & M. So. Ry., g. d., 1928, 4%.....	180,000	141,000
L. I. R.R., r. m. g., 1949, 4%.....	50,000	45,500
L. & N. R.R., 1 m., 1930, 6%.....	7,000	8,260
Mich. C. R.R., 1 m. g., 1952, 3½%.....	25,000	21,000
Mil. L. S. & W. Ry., cv. m. g., 1921, 6%.....	72,000	79,200
Mil. & No. R.R., 1 m., 1934, 4½%.....	50,000	51,500
Mil. S. & Nwn. Ry., 1 m. g., 1947, 4%.....	23,000	21,160
M. St. P. & S. Ste. M. Ry., g., 1933, 4%.....	50,000	47,500
Mo. Pac. Ry., cv. 1 m., 1920, 6%.....	50,000	51,000
M. & O. R.R., 1 m., 1927, 6%.....	25,000	29,250
M. & O. R.R., 1 m. g., 1947, 5%.....	50,000	52,500
N. F. & S. Ry., 1 m., 1937, 5%.....	48,000	48,780
N. Y. C. & H. R. R.R., g. d., 1934, 4%.....	150,000	135,000
N. Y. & H. R.R., 1 m. g., 2000, 3½%.....	350,000	301,000
N. Y. L. & W. Ry., cv. m. g., 1923, 5%.....	25,000	26,250
N. Y. N. H. & H. R.R., 1 m. g., 1954, 4%.....	25,000	22,500
N. Y. & P. R.R., 1 m. m. g., 1903, 4%.....	16,000	13,920
N. Y. O. & W. Ry., r. m. g., 1902, 4%.....	50,000	41,500
N. & W. R.R., imp. & ext. l., 1934, 6%.....	20,000	24,400
N. & W. R.R., 1 m. m. g., 1906, 4%.....	100,000	96,000
Nor. & W. R.R., 1 m., l., 1932, 6%.....	8,000	9,600
N. & W. R.R., g. m. g., 1931, 6%.....	12,000	14,400
N. O. Ry., 1 m. g., 1945, 5%.....	50,000	49,000
No. Pac. & Gt. No. jt., 1921, 4%.....	2,000	1,940
No. Pac. Ry., m. g., 1906, 4%.....	82,000	73,800
No. Pac. Ry., prior la. & L. G. g., 1907, 4%.....	85,000	80,750
Ore. R.R. & Nav., cv. m. g., 1946, 4%.....	75,000	69,750
Pac. R.R., of Mo. ex. l. m., 1938, 4%.....	24,000	21,600
Pa. R.R., g. cv., 1915, 3½%.....	50,500	50,500
Pa. R.R., R. E., 1 m. g., 1923, 4%.....	25,000	25,000
Pa. gr. m. g., 1921, 4½%.....	10,000	10,200
P. & E. Ry., 1 m. m., 1940, 4%.....	25,000	18,000
Penn. & Nwn. Ry., 1 m. g., 1926, 3½%.....	10,000	9,100
P. Mar. E.R., g. l. la. L.E. & Det. Riv. Div., 1932, 4½%.....	40,000	27,200
P. C. C. & St. L. Ry., cv. m. g., 1940, 4½%.....	11,000	11,330
P. C. C. & St. L. Ry., cv. m. g., 1942, 4½%.....	19,000	19,570
P. C. C. & St. L. Ry., cv. m. g., 1963, 4½%.....	12,000	12,480
P. & Nwn. Ry., 1 m. g., 1928, 3½%.....	15,000	13,800
R. & P. & R. C. & I. g. m. g., 1907, 4%.....	100,000	95,000
So. Pac., g., Cent. Pac. sth. col., 1949, 4%.....	10,000	9,400
So. Ry., 1 m. m. g., 1904, 5%.....	100,000	106,000

ROYAL INSURANCE COMPANY, LTD., Liverpool, Eng.—Continued.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
St. L. I. M. & So. Ry., gen. & l. g., m., gr. Mo. Pac. Ry., 1931, 5%.....	\$300,000	\$306,000
St. P. M. & M. Ry., ca. m. g., 1933, 6%.....	30,000	36,900
St. P. M. & M. Ry., 1 m., g., Mont. ex., 1937, 4%.....	50,000	48,000
Sioux City & Pac. R.R., 1 m., g., 1936, 3½%.....	25,000	22,000
Tol. W. V. & O. R.R., m. g., 1942, 4%.....	50,000	46,500
U. Pac. R.R., 1 m., R.R., & L. G., g., 1947, 4%.....	44,000	42,680
Utah & No. Ry., 1 m., g., 1933, 4%.....	39,000	36,270
Wash. Term., 1 m., g., 1945, 3½%.....	10,000	8,400
Equitable Gas L.A., N.Y., 1 ca. m., g., 1932, 5%.....	25,000	26,750
STOCKS.		
Alb. & Susq. R.R., gr.....	19,600	51,940
Chi., Mil. & St. P. Ry. Co., p.....	10,000	13,400
Clev. & Pitts. R.R., gr.....	26,050	43,243
Ill. Cent. (leased line) R.R., gr.....	8,800	7,830
N. Y. & Harlem R.R., gr.....	11,250	40,500
Pitts., Ft. W. & Chi. Ry., gr.....	26,000	42,640
Underwriters' Salvage, N. Y.....	1,000	1,800
Underwriters' Salvage, Chi.....	1,000	1,000
Gen. Adj. Bureau of N. Y.....	450	450
Mil. Underwriters' Bldg. Assn.....	117	117
Pacific Coast Adj. Bureau.....	500	500
So. Adj. Bureau.....	500	500
Totals (book value, \$6,315,786).....	\$6,200,467	\$6,052,768

MISCELLANEOUS: The Royal began business in the United States in 1851. Its home office statement as of January 1, 1914, showed assets aggregating £31,504,371, its subscribed capital being £2,944,680, and the paid up portion £441,702. In other countries the Royal transacts every line of insurance, but under the law confines its business in the United States to fire and marine insurance. Configuration losses: Baltimore, 1904, \$1,002,344; San Francisco, 1906, \$4,595,176. San Francisco losses were paid by remittances from home office. Values of special deposits: Va., \$49,890; Ga., \$9,900; N. M., \$10,400.

UNITED STATES TRUSTEES: New York Life Insurance & Trust Co., New York. United States committees of management: Henry Parish, Wm. A. Nash, James A. Macdonald, Columbus O'Donnell Iselin, Edward F. Beddall.

FIELD MEN AND TERRITORY COVERED: E. F. Beddall, general attorney for United States, 84 William st., New York. C. F. Shallerces, manager, Frederick W. Day, assistant manager, Albert R. Hosford, assistant manager, Morton S. Lewis, second assistant manager, John E. Hoffman, marine manager, 84 William st., New York. New York department comprises N. Y., N. J., Pa., Del., Md., N. Va. and D. C. Special agents: James M. Daggett, Albany, N. Y., for eastern N. Y.; H. S. Vischoer, Rochester, N. Y., for western N. Y.; Marshall A. Woodman, New York City, for suburban New York; James Keeley, Newark, N. J., for N. J.; P. G. Farquharson, Harrisburg, Pa., for eastern Pa. and Del.; Christen Moller, Pittsburg, Pa., for western Pa.; William

C. Poe, Jr., Baltimore, Md., for D. C., Md. and W. Va.; W. H. Gibson, Centerville, Md., for eastern Md.; New England department, 85 Water st., Boston, Mass., Field & Cowles, managers for Me., N. H., Vt., Mass., R. I. and Conn. Special agents: H. A. Wiley, Fred W. Johnson, 86 Water st., Boston, Mass., for New England; Charles H. Field, Belfast, Me., for Me.; John F. Williams, Meriden, Conn., for Conn.; Wakefield, Morley & Co., general agents for part of Conn. Western department, 160 W. Jackson Boulevard Chicago, Ill. Geo. W. Law, manager for Ill., Ind., Ohio, Mich., Ia., Kan., Mo., Wis., Wyo., N. D., S. D., Neb., Minn. and Colo.; R. J. Tweedy, Albert Lee, Minn., State agents for Minn. and S. D.; C. S. Jewell, Fargo, N. D., special agent for Minn. and S. D.; S. A. Walls, Fargo, N. D., special agent for N. D.; R. H. Douglas, Denver, Colo., State agent for Colo. and Wyo.; R. C. Alexander, Kansas City, Mo., State agent for Kan. and Mo.; W. A. McKenzie, Kansas City, Mo., special agents for Mo.; S. I. Drum, Topeka, Kan., special agent for Kan.; C. R. Tyrrell, State agent, C. R. Bogart, special agent, Des Moines, Ia., for Ia.; H. L. Dalton, Milwaukee, Wis., State agent for Wis.; D. B. Welpton, executive State agent and adjuster, headquarters No. 1 Arlington Block, Omaha, Neb.; Fred Sabold, Omaha, Neb., special agent for Neb.; B. W. Boyd, Newcastle, Ind., State agent for Ind. and Mich.; H. E. Bowen, Detroit, Mich., special agent for Mich.; W. M. Coy, Newcastle, Ind., special agent for Ind.; R. A. Buckman, Chicago, Ill., State agent for Ill.; W. W. Cannon, Decatur, Ill., special agent for Ill.; Geo. H. Coleman, Chicago, Ill., special agent for Cook Co., Ill.; B. T. Duffey, State agent, Geo. A. Yunker, special agent, Cleveland, O., for O. Southern department: Hurt Building, Atlanta, Ga., Milton Dargan, manager, F. M. Mikell, assistant manager, Urie S. Atkinson, assistant manager, A. H. Turner, agency superintendent. Special agents: Geo. B. Jennings, Richmond, Va., for Va.; S. T. Sparkman, Columbia, S. C., for N. C. and S. C.; B. F. Camp, C. M. Rumspeck and W. Q. Slaughter, Atlanta, Ga., for Ga., Ala. and Fla.; James B. Ross, general agent, E. A. Chavanne, special agent, New Orleans, La., for La.; George P. Street, New Orleans, La., special agent for Miss.; Chas. F. Thomas, State agent and R. L. Pollard, Jr., and Russell C. McConnell, special agents, Dallas, Tex. for Tex.; H. B. Head, Oklahoma, city of Okla., for Okla.; W. P. Fishback, Lexington, Ky., for Ky.; F. H. Warren, Nashville, Tenn., for Tenn.; W. S. Leake, Little Rock, Ark., special agent for Ark. Southern department embraces Ark., Ala., Fla., Ga., Ky., La., Miss., N. C., Okla., S. C., Tenn., Tex. and Va. Pacific Coast department, corner Pine and Sansome sts., San Francisco, Cal., Rolla V. Watt, manager, for Cal., Nev., Ore., Wash., Ida., Mont., Utah, N. M., Ariz., Alaska and Haw. I.; John T. Fogarty, assistant manager; F. B. Kellam, branch secretary, San Francisco, Cal. Special agents: H. R. Burke, Portland, Ore., for Wash. and Ore.; M. B. Evans, Seattle, Wash., for W. Wash.; J. T. O'Brien, Spokane, Wash., for Wash., Mont. and Ida.; E. P. Eldred, Fresno, Cal., for central Cal.; J. B. Walden, San Francisco, Cal., for northern Cal. and Nev.; Roy Folger, San Francisco, Cal., for Bay counties; J. K. Urnston and Fred J. Perry, Los Angeles, for southern Cal. and Ariz.; J. H. Banks, Salt Lake City, Utah, for Utah, Ida., N. M. and Mont.; D. L. Stewart, Sacramento, Cal., for central Cal.; C. D. Galbreath, Salem, Ore., for Ore. and Ida. The company operates in all the States and Territories of the United States and in Canada.

RUSSIAN REINSURANCE COMPANY, Petrograd, Russia.

United States Manager, Paul E. Rasor, New York.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,602,187	\$397,858	\$531,818	\$1,245,400	\$1,303,166	\$789,489	\$407,152	\$1,196,621	\$810,239	—\$50,765
1913	1,500,087	798,177	546,281	1,105,164	1,161,299	618,370	262,187	981,057	645,707	—48,673
1912	1,361,282	784,401	458,791	1,105,267	1,160,399	617,231	262,997	980,228	606,044	—216,233
1911	1,447,664	734,188	582,187	1,053,117	1,103,747	587,698	347,873	935,571	589,491	—18,584
1910	1,296,029	712,410	455,893	1,078,597	1,118,786	489,539	334,030	823,569	532,342	—17,158

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$1,360,000	Losses unpaid.....	\$151,077
Cash.....	182,474	Unearned premiums.....	897,858
Agents' balances.....	48,306	Other liabilities.....	21,434
Interest.....	11,407	Total liabilities.....	\$1,070,369
		Surplus.....	531,818
Total assets.....	\$1,602,187	Total.....	\$1,602,187

Underwriting loss, \$66,074; investment profit, \$102,376.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$170,123,672; premiums thereon, \$1,744,299.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$7,752,056; losses paid, \$3,531,923.

BONDS OWNED:		Par Value.	Market Value.
D. C. U. S., 1924, 3½%.....		\$100,000	\$104,000
N. Y. C., ep. stks., 1955-59, 4%.....		1,053,000	1,052,000
N. Y. C., ep. stks., 1960-62, 4½%.....		200,000	204,000
Totals (book value, \$1,368,006).....		\$1,353,000	\$1,360,000

MISCELLANEOUS: The company was authorized to transact business in New York State early in 1907. It writes reinsurance only in this country. Its home office statement as of December 31, 1911, showed assets aggregating \$7,014,906, and a capital of \$1,500,000. Paul E. Rasor is also United States manager of the Moscow Fire Insurance Co. and the First Russian Insurance Co. Value of deposit in Ohio, \$100,000.

UNITED STATES TRUSTEE: Bankers Trust Co., N. Y.
TERRITORY COVERED: The company is licensed in Colo., Del., Ill., La., Mass., Mich., Minn., Mont., Nev., N. H., N. Y., N. C., Ohio, Pa., Tex., W. Va., Ia. & Ark.

SALAMANDRA INSURANCE COMPANY, Petrograd, Russia.

United States Managers, Meinel & Wemple, Inc., New York. Organized, 1846.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$2,899,082	\$2,004,553	\$501,902	\$2,886,492	\$3,000,058	\$1,719,707	\$968,747	\$2,688,454	\$1,801,336	+ \$100,000
1913	2,451,804	1,595,219	578,085	2,420,470	2,518,110	1,605,377	687,260	2,292,637	1,552,123	- 300,000
1912	2,546,648	1,644,567	620,343	2,404,994	2,489,711	1,217,110	736,637	1,979,758	1,205,475	.....
1911	2,056,382	1,249,555	567,364	1,955,801	1,924,244	1,062,653	527,208	1,589,861	1,062,435	375,000
1910	2,070,288	1,100,655	687,421	1,725,236	1,795,062	942,691	527,352	1,470,043	966,968	150,000

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks...	\$2,457,910	Losses unpaid.....	\$351,096
Cash.....	159,096	Unearned premium.....	2,004,553
Agents' balances.....	239,233	Other liabilities.....	31,481
Interest.....	32,794		
		Total liabilities.....	\$2,387,130
		Surplus.....	501,902
Total assets.....	\$2,899,082	Total.....	\$2,899,032

Underwriting loss, \$315,373; investment profit, \$129,190.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$948,113,338; premiums thereon, \$3,759,085.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$23,893,686; losses paid, \$13,466,620.

BONDS OWNED:	Par Value.	Market Value.
Ad. & C. A. L. Ry., 1 m., 1944, 4 1/2%.....	\$25,000	\$24,500
B. & O. R.R., prior In., 1925, 3 1/2%.....	25,000	25,000
B. & O. R.R., eq. tr., 1916, 4 1/2%.....	25,000	25,000
B. & O. R.R., eq. tr., 1921, 4 1/2%.....	25,000	25,000
B. & O. R.R., 1923, 4 1/2%.....	25,000	25,000
B. & O. R.R., eq. tr., 1922-3, 4 1/2%.....	50,000	50,000
B. & P. Ry., eq. tr., 1919, 5%.....	25,000	25,500
B. & S. W. R.R., 1 m., 1918, 5%.....	35,000	35,350
C. Pac. Ry., 1 r. m., 1919, 4%.....	25,000	25,500
C. Pac. Ry., m. g., 1929, 3 1/2%.....	25,000	23,750
Chi. & A. R.R., eq., 1917, 4 1/2%.....	25,000	24,250
Chi. & G. W. Ry., 1 m., 1929, 4%.....	25,000	18,500
C. M. & S. P. & W. H. Ry., 1918, 5%.....	50,000	49,500
C. & N. W. Ry., d., 1921, 5%.....	25,000	25,500
C. & N. W. Ry., eq. tr., 1915-22, 4 1/2%.....	90,000	90,000
C. & N. W. Ry., eq. s. l., 1915, 7%.....	25,000	25,000
C. & N. W. Ry., eq. s. l., 1916, 4 1/2%.....	25,000	24,500
C. R. I. & P. Ry., 1 & r. m., 1924, 4%.....	25,000	18,000
Chi. Ry., 1 m., 1927, 5%.....	50,000	49,500
C. St. P., M. & O. Ry., d., 1920, 5%.....	25,000	25,500
Del. & Hud., cv. d., 1916, 4%.....	50,000	49,500
Ill. Cent. eq. tr., 1915-23, 4 1/2%.....	22,000	22,000
La. Falls & Sioux City R.R., 1 m., 1917, 7%.....	50,000	53,000
Kan. & Mich. Ry., 2 m. g., 1927, 5%.....	25,000	24,750
L. S. & Mich. So. Ry., 1916, 5%.....	50,000	50,000
L. S. & M. So. Ry., 1928, 4%.....	25,000	23,500
N. Y. C. Lines, eq., 1917-9, 5%.....	50,000	50,750
N. Y., L. & W. Ry., 1923, 4%.....	25,000	24,000
N. P., G. N., C., B. & Q. R.R., 1921, 4%.....	50,000	48,500
Pa. R.R., cv. g., 1915, 3 1/2%.....	50,000	50,000

BONDS OWNED—Cont.	Par Value.	Market Value.
Pa. R.R., gn. frgt. eq., 1918-20, 4 1/2%.....	\$50,000	\$50,400
Pa. R.R., gn. frgt. eq., reg., 1921, 4%.....	50,000	49,000
Pa. g. loan, 1916, 3 1/2%.....	9,000	8,910
R. I. Imp. eq., 1915, 4 1/2%.....	25,000	25,000
So. Pac., cv., 1929, 4%.....	50,000	43,000
So. Pac., eq. tr., 1919-21, 4 1/2%.....	50,000	50,000
So. Ry., n., 1916, 5%.....	25,000	25,000
So. Ry., eq. tr., 1919, 5%.....	25,000	25,250
So. Ry., col. n., 1917, 5%.....	25,000	25,250
Un. Pac. R.R., cv., 1927, 4%.....	75,000	68,250
Amer. Loco. g. n., 1916, 5%.....	25,000	25,000
Amer. Tl. & Tg., col. tr., 1929, 4%.....	25,000	22,250
Chi. Tl. & Tg., 1 m., 1923, 5%.....	25,000	25,250
Cumberland Tl. & Tg., n., 1916, 5%.....	25,000	25,000
Clev. El. Illum., 1 m., 1939, 5%.....	25,000	25,500
Deere, 1915-6, 5%.....	40,000	44,000
Met. St. Ry., Kan. City, 1913, 5%.....	25,000	23,750
N. Y. Tl., 1 gn. m. s. f., 1939, 4 1/2%.....	50,000	49,000
Pac. Tl. & Tg., 1 m. & col. tr. s. f., 1937, 5%.....	35,000	33,950
So. Bell Tl. & Tg., 1 m. s. f., 1941, 5%.....	25,000	24,500
Albany, N. Y., reg., 1921, 4 1/2%.....	25,000	25,250
Columbus, O., imp., 1916, 4%.....	100,000	100,000
Los Angeles, Cal., 1923, 4 1/2%.....	25,000	25,000
Milwaukee, Wis., 1924, 4 1/2%.....	25,000	25,500
Cuyahoga, O., 1923-4, 5%.....	50,000	53,200
N. Y. S., canal imp., 1923, 3%.....	200,000	200,000
N. Y. C., docks, f. & bgs. reg., 1928, 3 1/2%.....	50,000	47,000
N. Y. C., dept. cor. reg., 1929, 3 1/2%.....	135,000	125,550
N. Y. C., g. op. stk., 1954, 3 1/2%.....	50,000	44,000
N. Y. C., ex. stk., 1918, 3 1/2%.....	30,000	29,400
N. Y. C., op. stk. n., 1915, 6%.....	40,000	40,000
Yonkers City, 1918, 5%.....	50,000	51,000

Totals (book value, \$2,455,833) \$2,516,000 \$2,457,910

MISCELLANEOUS: The Salamandra began business in the United States in 1899, transacting reinsurance only. Its home office statement, December 31, 1913, showed assets aggregating \$14,829,368, its paid-up capital being \$2,500,000. Confiscation losses: Baltimore, 1904, \$146,000; San Francisco, 1906, \$323,651. Value of deposit in Ohio, \$100,000.

UNITED STATES TRUSTEE: New York Life Insurance & Trust Co., New York.

TERRITORY COVERED: The company is licensed in Ark., Colo., Del., Ill., Ia., La., Mass., Mich., Miss., Mont., Nev., N. H., N. J., N. Y., N. C., O., Okla., Pa., Tex., Utah and W. Va.

SCOTTISH UNION AND NATIONAL INSURANCE COMPANY,
Edinburgh, Scotland.

United States Manager, James H. Brewster, Hartford, Conn. Organized, 1824.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$4,363,312	\$2,427,248	\$3,628,809	\$3,372,996	\$3,616,640	\$1,326,316	\$963,015	\$2,289,331	\$1,365,468	+ \$83,396
1913	5,941,125	2,381,938	3,408,912	2,965,293	2,484,268	1,087,845	920,634	2,008,479	1,090,113	+ 47,791
1912	5,532,656	1,132,886	3,264,458	2,138,945	2,948,973	1,147,403	844,889	1,992,292	1,062,536	- 3,218
1911	5,300,223	2,022,499	3,028,644	2,185,355	2,358,274	1,227,800	860,405	2,088,205	1,214,795	- 223,152
1910	5,295,565	1,597,707	3,128,963	2,046,112	2,245,141	1,034,835	804,063	1,842,900	1,064,064	+ 67,907

SCOTTISH UNION AND NATIONAL INSURANCE CO., Edinburgh, Scotland.—Cont.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$234,414	Losses unpaid.....	\$246,523
Mortgage loans.....	182,600	Unearned premiums.....	2,427,348
Bonds and stocks.....	4,983,745	Other liabilities.....	60,133
Cash.....	392,480		
Agents' balances.....	517,888	Total liabilities.....	\$2,734,004
Interest.....	81,686	Surplus.....	3,628,809
Total assets.....	\$6,362,813	Total.....	\$6,362,813

Underwriting loss, \$123,057; investment profit, \$259,559.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$517,382,253; premiums thereon, \$4,625,062.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$50,484,633; losses paid, \$29,217,374.

REAL ESTATE OWNED: Consists of 5 parcels located in Hartford (2), St. Paul (1) and Minneapolis (2). They are principally dwellings and the most highly valued properties are at 75 Elm st., Hartford, with office building in process of construction, which cost \$206,394, and a dwelling in Hartford, carried at \$22,385. All are carried at cost or lower, and none is incumbered.

MORTGAGE LOANS: There are 31 loans, mostly small, the bulk of them secured by properties in Hartford, Conn., with a few in St. Paul, Minnesota, Chicago and New Britain. The largest are: \$26,000 on 123-129 Central ave., Minneapolis, \$20,000 on 87-91 Asylum st., Hartford, and \$16,000 on cor. Church and Trumbull sts., Hartford. \$152,600 of loans are secured by properties valued at \$373,650; the company holding \$186,700 of insurance on the buildings. On December 31, last, no interest was past due.

BONDS AND STOCKS OWNED:

BONDS.		Par Value.	Market Value.
D. of C., f., 1924, 34%.....		\$100,000	\$104,000
Bellingham, Wash., f., 1926, 5%.....		50,000	50,500
Clark Co., O., emerg., 1922-31, 5 1/2%.....		38,000	35,710
Cuyahoga Co., O., rd. & bg., 1917-23, 5%.....		100,000	108,110
E. Prov., R. I., f., 1947, 4%.....		50,000	47,500
Ga. State, 1923, 3 1/2%.....		25,000	24,250
Greenville, S. C., r., 1943, 5%.....		15,000	15,900
Hamilton Co., Tenn., rd., 1944, 5%.....		22,000	23,320
Jackson Co., Ore., hwy., 1943, 5%.....		30,000	31,500
Lucas Co., O., C. H., 1944, 4%.....		100,000	101,000
Mahoning Co., O., rd., 1917-33, 4%.....		50,000	51,620
Mass., wat., 1935, 3 1/2%.....		100,000	93,000
N. M., 1953, 4 1/2%.....		10,000	10,500
N. Y. C., rev. bd., 1917, 6%.....		100,000	104,000
Portland, wat., 1923, 5%.....		50,000	52,500
Portland, imp., 1922, 6%.....		50,000	50,000
Queens Co., rd., 1917, 4%.....		200,000	200,000
Richmond, Va., 1920-27, 4%.....		52,500	50,900
Salt Lake, sec., 1933, 4 1/2%.....		50,000	51,000
San Antonio, sr., 1940-42, 5%.....		35,000	37,800
San Antonio, Tex., pav., 1942, 5%.....		7,000	7,560
San A. Tex., sidewalks & cul., 1945, 5%.....		1,000	1,080
San A. Tex., storm sr., 1945, 5%.....		2,000	2,160
Tarrant Co., Tex. R. & B., 1952, 5%.....		25,000	25,500
Toledo, O., 1919, 4 1/2%.....		2,000	2,080
Waterbury, se., 1929-33, 4%.....		60,000	49,300
Woonsocket, R. I., f., 1927, 4%.....		50,000	48,500
Atl. C. L. R.R., L. & N. col., 1952, 4%.....		75,000	69,000
B. & O. R.R., 1 m., 1948, 4%.....		19,000	17,670
B. & O. R.R., prior ln., 1925, 3 1/2%.....		83,000	76,360
B. & Me. R.R., 1944-29, 4 1/2%.....		150,000	111,500
B. N. Y. & E. R., 1 m., 1916, 7%.....		15,000	15,600
B. & P. R., gn. m., 1937, 5%.....		50,000	55,000
C. R. R. of N. J., gn. m., 1987, 5%.....		70,000	81,900
Chi. & Erie R.R., 1 m., 1982, 5%.....		100,000	108,000
C. I. & L., r., 1947, 6%.....		78,000	93,600
C. I. & L. r., 1947, 5%.....		22,000	23,100
C. M. & St. P. R. C. & P.W., 1921, 5%.....		94,000	97,780
C. M. & St. P. R., gn. m., 1989, 4%.....		50,000	48,000
C. M. & St. P. R. D., 1 m. s. f., 1920, 6%.....		50,000	55,000
C. & Nw., d., 1921, 5%.....		50,000	51,000
C. & Nw., s. f., 1933, 5%.....		60,000	62,400
C. St. P. M. & O. R.R., ca. m., 1980, 6%.....		82,000	98,400
C. & W. Ind. R.R., ca. m., 1952, 4%.....		70,000	58,800
C. & M. R.R., 1 m., 1949, 5%.....		55,000	54,450
C. L. & W. R.R., gn. m., 1936, 5%.....		32,000	33,600
C. & P. R.R., gn. m., ser. B., 1942, 4 1/2%.....		50,000	51,500
Erie Ry., 1 ca. m., 1920, 7%.....		100,000	112,000
E. & T. H. R.R., 1 ca. m., 1921, 6%.....		54,000	54,000
F. & P. M. R.R., 1 ca. m., 1939, 5%.....		25,000	16,750
G. H. & S. A. R.R., M. & P. Div., 1931, 5%.....		50,000	51,500
G. & W. R.R., 1 m., 1929, 5%.....		14,000	12,180
Hooking V. R.R., 1 ca. m., 1999, 4 1/2%.....		65,000	65,650
L. S. & M. S. R.R., d., 1928-31, 4%.....		105,000	98,700

BONDS AND STOCKS OWNED.—Cont.**BONDS.—Cont.**

	Par Value.	Market Value.
L. S. & M. So. R.R., n., 1915, 5%.....	\$50,000	\$50,000
L. V. R.R., 1 m., 1940, 4 1/2%.....	50,000	50,500
L. H. & St. L. Ry., 1 m., 1946, 5%.....	95,000	97,850
L. & N. R.R., St. L. prop., 1916, 5%.....	31,000	31,000
M. & St. L. R.R., 1 r., 1949, 4%.....	50,000	20,000
Mo. Pac. R.R., tr., 1920, 6%.....	50,000	51,000
Mo. Pac. R.R., tr., 1917, 5%.....	50,000	47,500
N. C. & St. L. R.R., ca. m., 1928, 5%.....	12,000	12,980
N. C. & St. L. R.R., L. Div., 1917, 6%.....	4,000	4,130
N. Y. C. & H. R.R., L. S. col., 1998, 3 1/2%.....	100,000	78,000
N. Y. N. H. & H. R.R., d., 1948, 6%.....	10,000	10,600
N. Y. W. R.R. & H. R.R., cv. d., 1956, 4%.....	50,000	37,000
N. & W. R.R., ca. 1 m., 1996, 4%.....	50,000	48,000
N. & W. R.R., imp. & ex. m., 1934, 6%.....	50,000	61,000
N. P. & G. No. J. C. B. Q., 1921, 4%.....	100,000	97,000
No. P. Tm. of Ore., 1 m., 1933, 6%.....	70,000	79,100
Ore. S. L. R.R., ca. 1 m., 1946, 5%.....	100,000	108,000
P. & N. Y. canal R.R., ca. m., 1939, 5%.....	25,000	27,250
P. C. C. & St. L. R.R. ca. m. ser. A, 1940-42, 4 1/2%.....	88,000	88,580
P. C. C. & St. L. R.R. ca. m. ser. G, 1957, 4%.....	15,000	14,100
R. & P. R.R., ca. m., 1922, 6%.....	37,000	41,440
R. & P. R.R., 1 m., 1921, 6%.....	13,000	14,300
St. L. I. M. & S. Ry., L. G., 1931, 5%.....	50,000	51,000
St. L. I. M. & S. Ry., L. G. div., 1933, 4%.....	50,000	26,500
St. L. I. M. & S. Ry., 1 m., 1989, 4%.....	50,000	42,000
St. P. & N. Ry., gn. m., 1923, 6%.....	57,000	63,840
St. P. & Sioux City R. I. m., 1919, 6%.....	91,000	97,370
So. Ry. & St. L. Div., 1 m., 1951, 4%.....	50,000	42,500
So. Ry., 1 ca. m., 1994, 5%.....	50,000	52,500
Tol. R. R. Assn. of St. L. gn. m. r., 1953, 4%.....	100,000	88,000
Tol. Tm. R.R., 1 m., 1957, 4 1/2%.....	27,500	30,625
W. Pitts. Tm. Ry., 1 m., 1954, 4%.....	50,000	4,000
Am. Tl. & Tel., col. tr., 1929, 4%.....	50,000	44,500
Chl. Tl. & Tel., 1 m., 1923, 5%.....	50,000	50,500
Nw. Tl., 1 m., 1934, 4 1/2%.....	100,000	90,000
Mtgn. Bd., N. Y., 1946, 4%.....	50,000	42,000
Underwriters Bldg., N. Y., 1 m., 1928, 5%.....	50,000	50,000
W. Union Tl., f. & r. e. m., 1950, 4 1/2%.....	50,000	46,000

STOCKS.

Ill. C. R.R., leased lines.....	50,000	42,500
N. Y. N. H. & H. R.R.....	2,500	1,375
Gn. Adj. Bureau.....	200	200
Mil. Underwriters Bldg. Assn.....	145	145
Western Adj. & Insp.....	100	200

Totals (book value, \$5,188,638)..... \$5,103,945 \$4,983,745

MISCELLANEOUS: This company began business in the United States in 1880. On January, 1, 1913, its home office statement showed \$6,609,056 of assets, its capital (paid-up) being \$300,000. J. H. Brewster is also United States manager for the State Assurance of Liverpool. Conflagration losses: Baltimore, 1904, \$158,438; Toronto, 1904, \$151,134; San Francisco, 1906, \$1,046,635. Values of special deposits: Ga., \$9,700; N. M., \$10,500; Va., \$50,900.

UNITED STATES TRUSTEES: Hon. Morgan G. Bulkeley, Meigs H. Whaples, Morgan B. Brainard, Hartford.

FIELD MEN AND TERRITORY COVERED: James H. Brewster, Hartford, Conn., manager U. S. and Dom. of Can.; Henry J. Houge, Hartford, assistant secretary; B. M. Culver, Hartford, assistant secretary; J. H. McCormick, Hartford, assistant supt. of agencies. General agents: Tresevant & Cochran, Dallas, Tex. for Tex., Ark. and Okla.; Thompson, Derr & Bro., Wilkesbarre for Pa.; Jos. Emmeheimer Insurance Agency, Wheeling for W. Va.; H. C. Hare & Co., Jacksonville, for Fla.; Munger, Volkoun, Wetmore & Witherbee, Chicago for Cook Co., Ill.; H. W. Fores, San Francisco, for Cal., Ariz. and Nev.; and T. H. W. F. Rice, Boston, Mass., for New England. State agents: A. MacKechnie, Jr., Newark, for N. J.; R. M. Underwood, Brooklyn, for N. Y.; H. T. Higginbotham, N. O., for La., Ala. and Miss.; G. H. Collins, Atlanta, for Ga. and S. C.; W. R. Hille, Baltimore for Md., D. C., Va. and N. C.; J. W. Herd, St. Louis, for Mo.; L. C. Roberts, Omaha, for Neb. and Ia.; W. C. Gerow, Kalamazoo, for Mich.; C. E. Cormany, Milwaukee, for Wis.; T. R. Fletcher, Minneapolis, for Minn.; G. J. Burke, Indianapolis, for Ind.; F. W. Cole, Memphis, for Tenn. and Ky.; F. W. Gaston, Tacoma, for Wash., Ore. and B. C.; C. R. McCabe, Jr., Chicago, for Ill.; Paul B. Sommers, Columbus for Ohio, John L. Reame, Denver, for Colo., Wyo., N. M., Utah and Ida.; H. C. Edmundson, Spokane for northern Wash. and Mont. Special agents: R. S. Howe, Boston, for New England, John H. Fuller, San Francisco, for northern Cal.; Chas. Niemann, San Francisco, for southern Cal.; R. M. Kelley, San Francisco, for central Cal.; W. H. Franknum, Hartford, Conn., for Canada. The company does business in all of the United States except Kan., N. D., S. D. and Vt.

THE SEA INSURANCE COMPANY, LTD., Liverpool, Eng.†

United States Managers, Chubb & Son, New York. Organized, 1875.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,364,615	\$204,667	\$599,973	\$949,090	\$983,984	\$443,344	\$235,986	\$729,330	.....	+ \$20,609
1913	1,090,280	199,422	398,163	412,818	446,831	402,573	355,734	758,307	349,015	-141,188
1912	1,640,967	173,123	420,625	914,870	948,744	433,792	252,496	686,288	484,653	-160,915
1911	1,585,262	200,259	450,534	836,270	865,448	325,439	259,921	585,360	383,667	+ 2,161
1910	1,292,974	265,134	341,455	883,416	919,011	447,848	197,457	645,305	483,751	+ 29,798

† Transacts marine insurance only.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$529,550	Losses unpaid.....	\$518,336
Cash.....	291,647	Unearned premiums.....	204,667
Agents' balances.....	235,295	Other liabilities.....	41,639
Interest.....	8,123		
		Total liabilities.....	\$764,642
		Surplus.....	599,973
Total assets.....	\$1,364,615	Total.....	\$1,364,615

Underwriting profit, \$130,817; investment profit, \$50,384.

RISKS AND PREMIUMS: Marine and inland risks in force Dec. 31, \$36,657,291; premiums thereon, \$321,944.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$14,214,838; losses paid, \$7,513,973.

BONDS OWNED:		Par Value.	Market Value.
N. Y. I. hwy. (L.N.) imp., 1961, 4%...		\$25,000	\$25,500
Gen. O. Wat. Wks., 1944, 3½%.....		10,000	9,700
N. Y. C., sp. stk., 1928-54, 3½%.....		225,000	12,120
N. Y. C., sp. stk., 1930, 4½%.....		100,000	101,000
N. Y. C. co. stk., 1922-8, 3½%.....		154,000	147,400
Telco. O. T., 1930, 3½%.....		100,000	96,000
B. & O. R.R., prior in., 1928, 3½%.....		56,000	51,520
B. & O. R.R. P. J. c. & mid. div., 1 m., 1928, 3½%.....		25,000	22,500
B. & O. R.R., Swn. Div., 1 m., 1928, 3½%.....		25,000	22,750

BONDS OWNED.—Cont.		Par Value.	Market Value.
B. & O. R.R., 1 m., 1948, 4%.....		\$4,000	\$3,730
C. Pac. Ry., 1 m., 1929, 3½%.....		2,000	1,820
C. Pac. Ry., 1 r. m., 1949, 4%.....		38,000	35,720
Man. Ry., ca. m., 1930, 4%.....		20,000	18,600
N. Y. C. Lines, eq. tr. n., 1915, 5%.....		25,000	25,000
N. Y., St. L. & C. R.R., 1 m., 1937, 4%.....		10,000	9,500
N. Y., S. & W. R.R., r. m., 1937, 5%.....		10,000	9,500
No. Pac. R.R., prior in. & L. G., 1997, 4%.....		15,000	14,250
No. Pac. R.R., gn. in. & L. G., 2047, 3%.....		25,000	16,750
Un. Pac. R.R., 1 m. & L. G., 1947, 4%.....		20,000	19,400
Totals (book value, \$868,905).....		\$897,000	\$829,550

MISCELLANEOUS: The United States managers of the Sea are also managers of the United States branch of the Marine, of London; general agents of the Marine branch of the London Assurance, Marine branch, Alliance Assurance of London, and also control the Federal, of Jersey City. The Sea began business in the United States in 1876. The subscribed capital of the company is \$500,000, all paid up. Confiscation losses: Baltimore, 1904, \$6,000. Deposit in O., \$110,000.

UNITED STATES TRUSTEE: Equitable Trust Co., New York.

TERRITORY COVERED: The company is licensed in Ala., Ark., Cal., Ill., La., Minn., N. J., N. Y., O., Pa. and Tex.

SECOND RUSSIAN INSURANCE COMPANY, Petrograd, Russia.

United States Managers, Meinel & Wemple, Inc., 80 Maiden Lane, New York.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,206,605	\$801,821	\$293,492	\$1,153,841	\$1,197,675	\$612,625	\$349,121	\$961,746	\$715,495	—\$190,000
1913	1,140,451	638,712	500,083	638,088	\$632,835	.....	1,640	1,640	656	+ 500,000

‡ Accrued interest on bonds purchased exceeded interest income.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$997,760	Losses unpaid.....	\$112,695
Cash.....	167,623	Unearned premiums.....	801,821
Agents' balances.....	32,020	Other liabilities.....	607
Interest.....	11,202		
		Total liabilities.....	\$915,113
		Surplus.....	293,492
Total assets.....	\$1,206,605	Total.....	\$1,206,605

Underwriting loss, \$82,650; investment profit, \$66,059.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$139,245,529; premiums thereon, \$1,503,634.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$1,791,928; losses paid, \$603,467.

BONDS OWNED:		Par Value.	Market Value.
A. T. & S. Fe Ry., 1958, 4%.....		\$50,000	\$45,500
B. & O. R.R., prior in., 1925, 3½%.....		50,000	46,000
B. & O. R.R., 1933, 4½%.....		25,000	23,000
Bos. & Alb. eq. tr., 1918, 4½%.....		50,000	50,000
B. R. & P. Ry., 1957, 4½%.....		50,000	52,000
Cent. Pac. Ry., 1949, 4%.....		25,000	23,500

BONDS OWNED.—Cont.		Par Value.	Market Value.
Chi. B. & Q. Ry., 1949-58, 4%.....		\$50,000	\$47,250
Del. & Hudson Ry., 1916-43, 4%.....		100,000	98,500
N. Y. C. Lines, 1919, 5%.....		25,000	25,500
No. Pac., C. B. & Q. R.R., 1921, 4%.....		25,000	24,550
No. Pac., Gt. N. C. B. & Q. J. t., 1921, 4%.....		25,000	24,250
Pa. Gn. Fgt. eq. tr., 1919, 4½%.....		50,000	50,500
St. P., M. & M. Ry., 1937, 4%.....		25,000	24,000
So. Pac., q. cv., 1929, 4%.....		25,000	21,500
So. Ry., eq. tr., 1919, 5%.....		25,000	25,250
Deere & Co., 1916, 5%.....		25,000	24,750
N. Y. Tl., 1939, 4½%.....		80,000	78,400
Cuyahoga Co., O., bg., 1919-22, 5%.....		100,000	103,360
N. Y. C., 1920-5, 3%.....		32,000	29,550
N. Y. C., 1920-30, 3½%.....		190,000	180,700
Totals (book value, \$977,480).....		\$1,027,000	\$997,760

MISCELLANEOUS: The company's home office statement shows assets of \$4,267,623 and a paid-up capital of \$1,159,794; It transacts only reinsurance business in all states of this country, which it entered in 1913. Deposit in O., \$100,000.

UNITED STATES TRUSTEE: N. Y. Life Ins. and Tr. Co., N. Y.

SKANDIA INSURANCE COMPANY, Stockholm, Sweden.

United States Manager, C. F. Shalleron, New York. Organized, 1855.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,413,510	\$730,622	\$508,245	\$767,928	\$825,115	\$637,814	\$248,685	\$886,499	\$610,124	—\$6,363
1913	1,464,397	936,674	332,581	1,203,377	1,259,475	714,875	382,023	1,096,898	695,309	—116,377
1912	1,456,786	894,285	365,352	1,169,260	1,223,150	677,058	371,207	1,048,265	641,406	—131,274
1911	1,439,438	840,428	379,797	1,118,452	1,168,856	634,584	391,665	1,026,249	626,645	—136,406
1910	1,469,181	802,506	396,454	1,101,593	1,148,240	557,141	348,352	905,493	565,626	—131,382

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$1,272,540	Losses unpaid.....	\$180,204
Cash.....	82,072	Unearned prems.....	730,622
Agents' balances.....	43,994	Other liabilities.....	14,439
Interest.....	14,904		
		Total liabilities.....	\$905,265
		Surplus.....	508,245
Total assets.....	\$1,413,510	Total.....	\$1,413,510

Underwriting profit, \$111,239; investment profit, \$70,789.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$125,611,157; premiums thereon, \$1,408,636; inland risks in force, \$31,720; premiums thereon, \$630.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$13,745,184; losses paid, \$8,228,375.

BONDS OWNED:		Par Value.	Market Value.
Swedish Gov. L., 1887, 1923, 3.6%.....		\$175,675	\$140,540
Cincinnati, O., new hosp., 1900, 4%.....		100,000	104,000
N. Y. S., hwy. imp., g., 1908, 4%.....		50,000	51,000
N. Y. C., reg. g., 1940, 3½%.....		50,000	45,000
N. Y. C., reg. g., 1941, 3½%.....		200,000	180,000
A. T. & S. Fe Ry., gn. m., g., 1905, 4%.....		25,000	24,000
B. & O. R.R., prior in. g., 1925, 3½%.....		25,000	23,000
Can. So. Ry., os. g., 1902, 5%.....		50,000	53,000
C. N. E. Ry., 1 m. g., gr., 1901, 4%.....		10,000	7,700
Cent. Pac. Ry., 1 r. m. g., 1949, 4%.....		50,000	47,000
C. & O. Ry., reg. g., 1939, 5%.....		45,000	48,150
C. I. & So. R.R., reg. g., 1936, 4%.....		50,000	42,000
C. M. & P. S. Ry., 1 m. g., 1949, 4%.....		10,000	9,300
C. & Nwn. Ry., gn. m. g., 1907, 4%.....		50,000	47,500
C. R. I. & P. Ry., gn. m., 1908, 4%.....		25,000	22,250
C. C. & St. L. Ry., gn. m., g., 1903, 4%.....		25,000	19,250
C. S. L. Ry., 1 m. g., gr., 1901, 4½%.....		20,000	19,200

BONDS OWNED.—Cont.		Par Value.	Market Value.
D. & H. Co., 1 & r. m. g., 1945, 4%.....		\$50,000	\$49,000
Gt. N. Ry., 1 & r. m. g., 1901, 4½%.....		10,000	10,100
Ill. C. R.R., r. m. g., 1955, 4%.....		10,000	9,200
I. I. & I. R.R., 1 m. g., 1900, 4%.....		15,000	13,200
L. I. R.R., r. m. g., 1949, 4%.....		35,000	31,850
L. & N. R.R., un. g., 1940, 4%.....		25,000	24,000
N. Y. W. & B. Ry., 1 m. g., gr., 1946, 4½%.....		10,000	7,000
N. & W. Ry., gn. m. g., 1931, 6%.....		25,000	30,000
N. & W. Ry., 1 os. m. g., 1906, 4%.....		10,000	9,600
N. P. Ry., prior in. Ry. & L.G.s., 1997, 4%.....		25,000	23,750
Ore. W.R.R. & Nav., 1 & r. m. g., 1901, 4%.....		15,000	13,350
P. C. C. & St. L. Ry., os. m. l., 1945, 4%.....		10,000	9,500
P. C. C. & St. L. Ry., os. m. g., gr., 1903, 4½%.....		20,000	20,800
St. L. I. M. & So. Ry., gn. os. Ry. & L.G.m., 1931, 5%.....		15,000	15,300
So. Pac. R.R., 1 r. m. g., 1955, 4%.....		25,000	23,000
So. Ry., 1 os. m. g., 1904, 5%.....		50,000	52,500
Un. Pac. R.R., 1 in. & r. m. g., 2008, 4%.....		50,000	47,500

Totals (book value, \$1,387,918)..... \$1,360,675 \$1,272,540

MISCELLANEOUS: This company began business in the United States in 1900, writing reinsurance only. C. F. Shalleron, its manager, is also New York manager of the Royal. Confagration losses: Baltimore, 1904, \$147,560; San Francisco, 1906, \$644,175. The company's home office statement, January 1, 1914, showed 74,291,770 kronen of assets (including 10,000,000 kronen of stockholders' notes). Its capital was 15,000,000 kronen. Value of deposit in O., \$100,000.

UNITED STATES TRUSTEE: New York Life Insurance & Trust Co., New York.

TERRITORY COVERED: The company is licensed in Ark., Colo., Ill., Ia., La., Mass., Mich., Miss., Mont., Nev., N. H., N. J., N. Y., N. C., O., Pa., Tex. and W. Va.

SOUTH GERMAN REINSURANCE COMPANY, LTD., Munich, Bavaria.

United States Manager, Samuel G. Howe, Hartford, Conn. Organized, 1892.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,238,281	\$556,098	\$573,527	\$837,082	\$877,145	\$426,559	\$261,214	\$687,773	\$429,637	—\$2,472
1913	1,032,450	411,882	519,288	611,666	647,259	318,068	190,354	508,422	341,498	—37,512
1912	931,506	399,094	457,890	685,839	718,029	282,885	208,069	490,954	281,821	+5,389
1911	717,149	270,915	377,484	367,052	373,075	46,154	113,310	159,464	107,821	+492,149

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$901,100	Losses unpaid.....	\$98,656
Cash.....	281,153	Unearned prems.....	556,098
Agents' balances.....	45,164	Other liabilities.....	10,000
Interest.....	10,864		
		Total liabilities.....	\$664,754
		Surplus.....	573,527
Total assets.....	\$1,238,281	Total.....	\$1,238,281

Underwriting loss, \$1,147; investment profit, \$59,208.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$68,796,908; premiums thereon, \$1,042,569.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$2,501,641; losses paid, \$1,062,111.

BONDS OWNED:		Par Value.	Market Value.
Baltimore, Md., wat., 1908, 4%.....		\$25,000	\$24,500
Cleveland, O., wat. wks., 1949, 4½%.....		100,000	107,000
Edmonton, Can., ac. dis., 1953, 5%.....		10,000	9,400
Guelph, Ont., local imp., 1932, 4½%.....		10,000	9,700
Guelph, Ont., sr., 1940, 4%.....		5,000	4,450
Hamilton, Ont., ac., 1903, 4½%.....		25,000	24,000
Montreal, Can., cs. f., 1903, 4½%.....		25,000	24,750
N. Y., ep. stk., 1856, 4%.....		100,000	99,000

BONDS OWNED.—Cont.		Par Value.	Market Value.
N. Y., ep. stk., 1957, 4½%.....		\$20,000	\$21,400
N. Y., ep. stk., 1959, 4%.....		210,000	210,000
N. Y., ep. stk., 1960, 4½%.....		100,000	101,000
N. Y., ep. stk., 1962, 4½%.....		150,000	101,000
Norwalk, Conn., imp., 1954, 4½%.....		25,000	25,500
Toronto, Can., gn. cs. loan, 1920, 4%.....		10,000	9,700
Toronto, Can., el. pow. dis. plant, 1948, 4%.....		25,000	20,250
Cent. Pac. R.R. r. m., 1949, 4%.....		30,000	28,200
So. Pac. R.R. r. m., 1955, 4%.....		25,000	23,000
Union Pac. R.R., r. m., 2008, 4%.....		5,000	4,750

Totals (book value, \$899,546)..... \$900,000 \$901,100

MISCELLANEOUS: The South German Reinsurance Co. of Munich entered the United States for reinsurance business in April, 1911. It has deposits of \$210,000 with the Connecticut State Treasurer, \$210,000 with the New York Insurance Department, and \$100,000 with the Ohio Department.

UNITED STATES TRUSTEE: Hartford Tr. Co., Hartford, Conn.

TERRITORY COVERED: The company is licensed in Ark., Colo., Conn., Del., Ill., Ia., La., Mass., Mich., Miss., Mont., Nev., N. H., N. J., N. Y., N. C., O., Pa., Tex., Utah and W. Va.

STANDARD MARINE INSURANCE COMPANY, LTD., Liverpool, Eng.†

United States Manager, W. J. Roberts, New York. Organised, 1871.
(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,163,726	\$231,327	\$855,700	\$1,107,331	\$1,137,638	\$895,817	\$195,010	\$1,090,827	\$854,363	+ \$71,476
1913	1,113,704	204,745	732,306	841,790	870,531	760,801	220,396	981,199	693,379	- 292,132
1912	1,506,821	199,392	714,640	1,283,319	1,312,833	738,238	193,538	931,779	652,052	- 234,980
1911	1,355,963	183,515	601,233	1,234,322	1,261,242	238,925	178,923	417,848	340,676	- 482,280
1910	968,131	124,374	603,662	960,543	969,630	409,284	150,600	559,944	378,534	- 38,574

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$652,778	Losses unpaid	\$42,316
Cash	330,646	Unearned premiums	231,327
Agents' balances	176,997	Other liabilities	34,382
Interest	8,021		
Total	\$1,163,442	Total liabilities	\$308,025
Spl. dep. over liab.	4,717	Surplus	855,700
Total assets	\$1,163,726	Total	\$1,163,725

Underwriting profit, \$14,709; investment profit, \$41,926.

RISKS AND PREMIUMS: Marine and inland risks in force, Dec. 31, \$29,088,420; premiums thereon, \$231,327.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$14,045,678; losses paid, \$9,784,282.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Atlanta Wat. Wks., 1933, 3½%	\$10,000	\$8,800
Bklyn. Local Imp., 1929-3, 3½%	200,000	183,000
Mt. Vernon hwy. repaving, 1930, 4½%	12,000	12,480
New Rochelle Pub. Imp., 1916-19, 4½%	24,000	24,180
Norfolk, Va., 1919, 5%	25,000	25,250
Rochester Pk., 1926, 3%	40,000	35,600
Syracuse Wat. Wks., 1920, 3½%	30,000	29,100
Troy Pub. Imp., 1919, 4½%	6,900	7,038
Yonkers ex. 1926-30, 4½%	20,000	20,520
Atl. C. Line R.R., 1 m., 1952, 4%	25,000	23,500

† Transacts marine business.

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
B. & O. R.R. P. L. E. & W. Va., 1941, 4%	\$25,000	\$21,750
B. & O. R.R. W. V. & P. 1 m., 1990, 4%	30,000	26,400
Chi. L. S. & E. Ry., 1 m., 1969, 4½%	50,000	47,500
C. & N. W. Ry., s. f. d., 1933, 5%	50,000	52,000
M. & O. R.R., 1 m., 1927, 6%	27,000	30,510
N.Y.C. & H. R. R.R., d., 1934, 4%	20,000	18,000
Ora. S. L. R.R., r., 1929, 4%	45,000	41,400
W. EL., 1 m., 1922, 5%	25,000	25,500

Stocks.

M. St. P. & S. Ste M. Ry., leased l., 4%	25,000	20,250
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Totals (book value, \$628,884)..... \$689,900 \$653,778

MISCELLANEOUS: The company began business in the United States in 1888. All the stock of this company is owned by the head office of the London & Lancashire Fire. Deposit in Ga., \$10,000.

UNITED STATES TRUSTEES: D. Schnakenberg, A. G. Mellwaine, Jr., J. E. Gardin.

FIELD MEN: W. J. Roberts, United States manager, New York; Beers, Kenison & Co., Galveston, Tex.; Arthur Mendes & Co., New Orleans, La.; J. B. F. Davis & Son, San Francisco, Cal. and Seattle, Wash.; W. D. Middleton & Co., Charleston, S. C. The company operates in Ark., Cal., Ga., Ill., La., Mass., Minn., Mo., N. Y., Pa., S. C., Tenn., Tex., Va., Wash., Wis. and in the Dominion of Canada.

THE STATE ASSURANCE COMPANY, LTD., Liverpool, Eng.

United States Manager, James H. Brewster, Hartford, Conn. Organised, 1891.
(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$654,879	\$154,992	\$471,071	\$168,188	\$191,858	\$57,849	\$62,307	\$120,176	\$64,432	- \$11,535
1913	585,213	128,169	437,159	137,916	155,827	53,010	50,574	103,584	55,021	+ 85,046
1912	585,777	108,675	338,251	111,630	158,661	65,487	42,423	123,606	58,099	+ 15,560
1911	453,284	106,298	309,990	120,997	136,769	65,984	46,769	112,723	66,278	- 16,296
1910	428,235	101,117	311,623	127,499	142,994	67,156	47,807	114,963	71,542	- 23,504

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$566,145	Losses unpaid	\$17,316
Cash	52,847	Unearned premiums	154,992
Agents' balances	30,191	Other liabilities	11,500
Interest	5,696		
Total	\$654,879	Total liabilities	\$183,808
		Surplus	471,071
Total assets	\$654,879	Total	\$654,879

Underwriting profit, \$10,269; investment profit, \$35,177.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$28,616,274; premiums thereon, \$283,707.

BUSINESS SINCE ADMISSION TO U. S.: Premiums received, \$2,276,736; losses paid, \$2,262,688.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Bellingham, Wash., l., 1926, 5%	\$10,000	\$10,267
Buffalo, N. Y., ex. 1929, 4%	10,000	9,850
Hartford, Conn., bg., 1965, 3½%	10,000	8,850
Jackson, Ore., Co., hwy., 1948, 5%	20,000	20,841
N. Y. City, ex. stk. dks., 1927, 3½%	46,000	43,240

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
N. Y. City, op. stk. dks. & frs., 1952, 3½%	\$57,000	\$49,875
N. Y. City, op. stk. r. t., 1932, 3½%	17,000	14,875
N. Y. City, op. rep. sts., 1942, 3½%	80,000	71,000
N. Y. City, op. stk., 1957, 4½%	18,000	19,327
Rochester, N. Y., wat., 1933, 4½%	5,000	5,250
A. T. & Santa F. R. gn. m., 1995, 4%	10,000	9,562
B. N. Y. & E., 1 m., 1916, 7%	3,000	3,123
C. R. R. of N. J., gn. m., 1987, 5%	10,000	11,700
C. Pac. R. 1 r., 1949, 4%	10,000	9,375
C. C. & St. L. R., gn. m., 1993, 4%	10,000	7,637
C. M. & St. P. R. gn. m., 1989, 4½%	30,000	30,676
C. R. I. & P. R., gn. m., 1983, 4%	10,000	8,775
Ill. Cent. R., 1 m., 1951, 3%	10,000	7,150
Leh. Val. R., gn. es. m., 2003, 4%	10,000	9,000
L. H. & St. L., 1 m., 1946, 5%	5,000	5,125
L. & N. R., un. m., 1940, 4%	2,000	1,917
Manhattan Ry., ex. m., 1990, 4%	10,000	9,150
M. & E. R., 1 r., 2000, 3½%	50,000	43,000
N. Y. C. & H. R. R., L. S. col., 1998, 3½%	10,000	7,800
N. Y., N. H. & H. R., ex. d., 1948, 6%	15,000	16,350
Nor. & W. R., 1 ex., 1996, 4%	10,000	9,575
No. Pac. R., pr. ln. & l. g., 1997, 4%	10,000	9,512

THE STATE ASSURANCE COMPANY, Ltd., Liverpool, England.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
BONDS.—Cont.		Value.	Value.
Pa. R., cv., 1915, 3½%.....	\$30,000	\$29,700	
P. C., C. & St. L. R. cs., 1940, 4½%.....	10,000	10,300	
Reading Co., gn. m., 1907, 4%.....	10,000	9,487	
R. W. & O. R., 1 cs. cv., 1922, 5%.....	10,000	10,487	
So. R. R., 1 cs., 1904, 5%.....	10,000	10,475	
U. P. R., 1 m. & l. g., 1947, 4%.....	10,000	9,700	
Am. Tl. & Tg., col. tr., 1929, 4%.....	15,000	13,350	
Chi. Tl., 1 m., 1923, 5%.....	15,000	15,131	

STOCKS.		Par	Market
N. Y., N. H. & H. R. R. R. Co.....	3,700	2,063	
Totals (book value, \$617,784).....	\$601,700	\$563,399	

* Per company's values; items in assets per insurance department valuations.

MISCELLANEOUS: The State Fire began business in the United States in 1897. In 1910 the name of the company was changed to the State Assurance Company, Ltd. Its home office statement as of December 31, 1913, showed a subscribed capital of \$560,000 (paid up \$70,000) and assets amounting to \$301,452. J. H. Brewster is also manager of the United States branch of the Scottish Union & National. Conflagration losses: Baltimore, 1904, \$72,866; San Francisco, 1906, \$1,055,300. As a result of the San Francisco conflagration, the directors made an assessment of \$700,000 upon the shareholders. Value of deposits: Conn., \$207,000; N. Y., \$233,000.

UNITED STATES TRUSTEES: Morgan G. Bulkeley, Meigs H. Whaples, Morgan B. Brainard, Hartford.

FIELD MEN AND TERRITORY COVERED: Jas. H. Brewster, Hartford, United States manager; H. J. Hough and B. M. Culver, assistant secretaries; Truesvant & Cochran, Dallas, general agents for Tex.; H. W. Forbes, San Francisco, Cal., general agent for Cal.

SUN INSURANCE OFFICE, London, Eng.

United States Manager, J. J. Guile, New York. Western department, Manager, P. T. Kelsey, Chicago. Organized 1710.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Recd from or (-) Remtd to H. O.
1914	\$4,859,613	\$2,913,778	\$1,547,359	\$2,593,124	\$2,776,201	\$1,567,316	\$1,085,921	\$2,653,237	\$1,563,308	—\$90,749
1913	4,823,336	3,000,795	1,452,560	2,766,874	2,936,909	1,537,477	1,133,109	2,690,586	1,508,017	+ 98,171
1912	4,622,487	2,917,937	1,242,500	2,822,596	2,987,257	1,495,890	1,142,747	2,638,637	1,482,452	—221,636
1911	4,519,221	2,774,926	1,344,180	2,847,790	3,022,537	1,489,723	1,143,844	2,633,569	1,473,707	—241,025
1910	4,367,762	2,761,067	1,279,676	3,050,567	3,203,920	1,484,600	1,163,788	2,648,388	1,448,947	—353,680

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$210,000	Losses unpaid.....	\$320,480
Bonds and stocks.....	3,318,792	Unearned prems.....	2,913,778
Cash.....	285,785	Other liabilities.....	77,996
Agents' balances.....	493,686	Total liabilities.....	\$3,312,254
Interest.....	51,370	Surplus.....	1,547,359
Total assets.....	\$4,859,613	Total.....	\$4,859,613

Underwriting profit, \$978; investment profit, \$301,673.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$652,833,383; premiums thereon, \$5,664,182.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$62,953,031; losses paid, \$37,199,948.

REAL ESTATE OWNED: Consists of the 5-story brick office building at 54 Pine st., occupied by the company of which the book value is \$171,925, and which is carried at \$210,000. There is no incumbrance.

BONDS AND STOCKS OWNED:		Par	Market
BONDS.		Value.	Value.
D. of C. f., g., 1924, 3.65%.....	\$200,000	\$208,000	
Cleveland, O., reg. gr. cross., 1923, 4%.....	100,000	101,000	
N. Y. sp. stk., reg. g., 1936, 4%.....	50,000	49,500	
N. Y. sp. stk., reg. c. g., 1957, 4½%.....	55,000	58,850	
N. Y. g. n., 1916, 6%.....	50,000	50,000	
Richmond, Va., reg., 1922, 5%.....	8,000	8,240	
Richmond, Va., reg., 1924, 4%.....	2,000	1,940	
Savannah, Ga., f. g., 1959, 4½%.....	10,000	10,200	
A., T. & S. Fe Ry. 100-yr. ad. g., 1905, 4%.....	50,000	44,000	
A., T. & S. Fe Ry., trans. a. l. m. g., 1958, 4%.....	25,000	22,750	
A. & C. A. L. Ry., 1 m. g., 1944, 4½%.....	50,000	49,000	
A. C. L. R. R., L. & N., col. g., 1952, 4%.....	25,000	23,000	
A. C. L. R. R., eq. g., 1918, 4%.....	25,000	24,750	
A. C. L. R. R., eq. g., 1918, 4½%.....	25,000	25,000	
A. C. L. R. R., 1 cs. m. g., 1952, 4%.....	20,000	18,800	
B. & O. R. R., cv. g., 1933, 4½%.....	25,000	23,000	
B. & O. R. R., P., L. E. & W. Va. s. r. m. g., 1941, 4%.....	50,000	43,500	
B. & O. S. w. div. l. m. g., 1925, 3½%.....	50,000	45,500	
B. & O. R. R., prior l. g., 1925, 3½%.....	25,000	23,000	
Bklyn. Un. El. R. R., 1 m. g., 1950, 6%.....	30,000	30,800	
C. of Ga. Ry., l. m. G. & N. M. L. g., 1916, 4%.....	25,000	24,750	
C. Pac. Ry., 1 r. m. g., 1949, 4%.....	25,000	23,500	
C. R. R. of N. J., gn. m. reg. g., 1987, 5%.....	25,000	29,250	
C. & O. Ry., gn. m. g., 1992, 4½%.....	25,000	23,500	
C. & O. Ry., 1 cs. m. g., 1939, 5%.....	10,000	10,700	
C. & A. R. R., eq. g., 1915, 4½%.....	25,000	25,000	
C. & A. R. R., r. g., 1949, 3%.....	50,000	30,000	

BONDS AND STOCKS OWNED.—Cont.		Par	Market
BONDS.—Cont.		Value.	Value.
C., B. & Q. R. R., Ill. Div. m., 1949, 4%.....	\$25,000	\$23,750	
C., B. & Q. R. R., Ill. Div., m., 1949, 3½%.....	25,000	21,250	
C. & E. Ill. R. R., r. & imp. m. g., 1955, 4%.....	50,000	12,500	
C., L. S. & E. Ry., 1 m. g., 1969, 4½%.....	25,000	23,750	
C., M. & St. P. Ry., cv. g., 1932, 4½%.....	27,000	27,540	
C., M. & St. P. Ry., gn. m. g., 1989, 4½%.....	25,000	25,750	
C., M. & St. P. Ry., g., 1934, 4%.....	50,000	46,000	
C. & N. W. Ry., gn. m. g., 1987, 4%.....	50,000	47,500	
C., R. I. & Pac. Ry., g., 1915, 4%.....	25,000	25,000	
C., R. I. & Pac. Ry., i. & r. m. g., 1934, 4%.....	40,000	23,800	
C., R. I. & P. Ry., temp. eq. g., 1917, 4½%.....	32,000	31,040	
C., St. P., M. & O. Ry., sup. S. L. Ry., 1 m., 1930, 5%.....	25,000	26,500	
C. & W. Ind. R. R., cs. g., 1952, 4%.....	40,000	33,600	
C., H. & D. R. R., gn. m. g., 1942, 5%.....	50,000	40,000	
C., C. C. & St. L. R. R., 1 m., 1939, 4%.....	64,000	54,400	
C. & So. Ry., r. & ex. m. g., 1935, 4½%.....	50,000	44,000	
Col. & Green. R. R., 1 m. g., 1916, 6%.....	15,000	15,200	
D. & M. R. R., cs. 1 m., 1931, 4½%.....	25,000	24,250	
Del. & H. cv. g. d., 1916, 4%.....	25,000	24,750	
D., M. & No. Ry., gn. m. g., 1941, 5%.....	73,000	75,900	
Erie R. R., gn. l. g., 1996, 4%.....	25,000	18,250	
Erie R. R., Pa. col. g., 1951, 4%.....	35,000	31,500	
Erie R. R., g. car tr. g., 1916-17, 5%.....	27,000	27,270	
Erie R. R., eq. g. tr. col., 1923-18, 5%.....	45,000	46,000	
Erie R. R., 3 yr. col. g., 1915, 5%.....	25,000	25,000	
Hocking Val. Ry., 1 cs. m. g., 1999, 4½%.....	25,000	25,250	
Ill. C. R. R., eq. tr. g., 1923, 4½%.....	25,000	25,000	
Ill. C. R. R., St. L. Div. & Tm., 1 m. g., reg. 1951, 3%.....	20,000	14,600	
I. C. R. R. & C. St. L. & N. O. R. R., jt. l. r. m. g., 1963, 5%.....	25,000	25,750	
Ia. C. Ry., 1 m. g., 1938, 5%.....	10,000	8,800	
Kan. Cy. So. Ry., 1 m. g., 1950, 3%.....	25,000	17,250	
Kan. Cy., Ft. S. & Mem. R. R., cs. m., 1928, 6%.....	25,000	27,500	
L. S. & M. So. Ry., g., 1981, 4%.....	50,000	47,000	
L. & H. R. Ry., gn. m. g. by L. C. & N. & C. R. R. of N. J., 1920, 5%.....	25,000	25,750	
Leh. Val. Tm., 1 m. g., 1941, 5%.....	50,000	55,500	
L. & N. R. R., A. K. & C. Div. g., 1956, 4%.....	25,000	22,500	
M., S. & N. W. Ry., 1 m. g., 1947, 4%.....	25,000	23,000	
M., K. & T. Ry., eq. tr. g., 1922, 5%.....	25,000	24,500	
Mo. Pac. Ry., g., 1917, 5%.....	25,000	22,750	
Mo. Pac. Ry., cs. 1 m. g., 1920, 6%.....	25,000	25,500	
Mont. C. Ry., 1 m. g., 1937, 5%.....	10,000	11,100	
N. M. Ry. & C. 1 m. & col. tr. g., 1947, 5%.....	25,000	24,500	
N. Y. C. & St. L. R. R., g., 1931, 4%.....	25,000	21,000	
N. Y. C. eq. tr. g., 1926, 4½%.....	30,000	29,700	
N. Y. C. & H. R. R. R. B. & A. eq. tr. g., 1927, 4½%.....	30,000	29,700	

SUN INSURANCE OFFICE, London, England.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par	Market
BONDS.—Cont.		Value.	Value.
N. Y. C. & H. R. R. R., L. S. col., reg. g., 1908, 3 1/2%.....		\$30,000	\$23,400
N. Y. Ry., I. R. E. & r. g., 1942, 4%.....		10,000	7,600
N. Y. Ry. ad. m. g., 1942, 5%.....		20,000	10,800
No. P. Ry. prior m. Ry. & L. G. g. reg., 1907, 4%.....		30,000	28,500
N. Pac. Gt. No. Jt., C. B. & Q. col. g., 1921, 4%.....		50,000	48,500
Ohio R. R. R., ga. m. g., 1937, 5%.....		15,000	15,450
Ore. S. L. Ry., 1 m. g., 1922, 6%.....		25,000	27,500
Ore. S. L. Ry., r. g., 1929, 4%.....		25,000	23,000
Pa. R. R., cv. g., 1915, 3 1/2%.....		30,000	30,000
P. B. & W. R. R., 1 m. g., 1923, 5%.....		25,000	24,000
Rio G. Jr. R. R., 1 m. g., 1939, 5%.....		25,000	24,500
S. L. I. M. & S. R. Ry., cv. g., 1919, 5%.....		25,000	25,000
S. L. I. M. & S. R. Ry., m. & r. g., 1933, 4%.....		25,000	18,250
S. L. I. M. & S. R. Ry., u. g., 1929, 4%.....		25,000	18,750
S. L. P. & N. W. Ry., 1 m. g., 1943, 5%.....		25,000	26,500
S. L. & S. F. R. R., cv. g., 1915, 4 1/2%.....		25,000	24,750
S. L. & S. F. R. R., ga. m. g., 1931, 6%.....		25,000	28,000
S. L. S. W. Ry., 1 m. g., 1939, 4%.....		25,000	21,000
S. L. S. W. Ry., eq. g., 1915, 5%.....		20,000	20,000
St. P. M. & M. Ry., Pac. ex. g., 1940, 4%.....		24,242	21,818
St. Louis & Pac. R. R., 1 m. g., 1936, 3 1/2%.....		10,000	8,800
S. & N. Ala. R. R., ga. cv. 50-yr. g., gr., 1903, 5%.....		30,000	31,200
So. P. S. F. Tm., 1 m. g., 1950, 4%.....		25,000	21,250
So. Pac. R. R., Cal., 1 m. g., 1937, 5%.....		25,000	26,500
So. Pac. R. R., 1 r. m. g., 1955, 4%.....		25,000	23,000
So. Ry., 1 cv. g., 1904, 5%.....		50,000	52,500
So. Ry., St. L. Div., 1 m. g., 1951, 4%.....		11,000	9,570
Ten. R. R. Assn., St. L., 1 m. g., 1939, 4 1/2%.....		25,000	25,000
Tex. & Okla. R. R., 1 m. g., 1943, 5%.....		25,000	24,250
Tex. & Pac. Ry., 1 m. g., 2000, 5%.....		25,000	25,000
To. St. L. & W. R. R., prior m. g., 1925, 3 1/2%.....		25,000	20,250
Wabash R. R., 1 m. g., 1930, 5%.....		25,000	25,750
Wash. Tm., 1 m. g., reg., 1945, 3 1/2%.....		50,000	42,000
Wis. C. Ry., 1 m. g., 1936, 4%.....		25,000	22,250
Am. Tl. & Tg., col. tr. g., 1929, 4%.....		50,000	44,500
Cent. Dis. Tl., 1 m. s. f. g., 1943, 5%.....		20,000	19,800
Detroit City Gas, g., 1923, 5%.....		25,000	25,000
Gas El., g. d., 1932, 5%.....		25,000	26,500
Ind. Steel 1 m. g., gr., 1932, 5%.....		25,000	25,500
Leh. C. & N., cv. m. s. f. g., 1954, 4 1/2%.....		25,000	25,000
Leh. Val. C., 1 m. g., gr., 1933, 5%.....		25,000	26,250
Magn. Gas, s. f. g., 1929, 4 1/2%.....		5,000	4,800
Mil. El. Ry. & L., cv. m. g., 1926, 5%.....		25,000	25,750
New Eng. Cotton Yarn, 1 m. g., 1929, 5%.....		15,000	11,250
N. Y. Gas & El. L., Ht. & P., 1 m. g., 1943, 5%.....		25,000	26,250
N. Y. Tl., 1 & ga. m. s. f. g., 1930, 4 1/2%.....		20,000	19,000
Phila. Co., 1 m. & col. tr. g., 1949, 5%.....		25,000	24,750
U. S. Steel Cp., reg. g., 1951, 5%.....		25,000	26,250
W. Tl. & Tg., col. tr. g., 1932, 5%.....		25,000	24,250
STOCKS.			
B. & O. p.		25,000	20,250
C. Mil. & St. P. Ry., p.		10,000	13,400
Chv. & Pitta R. R., g.		10,000	41,500
Ill. Cent. R. R., leased line		30,000	25,500
Morris & Essex R. R.		15,000	25,650
Pa. R. R.		81,850	90,853
Pitta, Besa. & Lake E., gr.		20,000	12,400
Remondsch & Sar. R. R., g.		20,000	36,000
So. Ry., M. & O. stik. cda. tr.		20,000	15,000

STOCKS.

B. & O. p.....	25,000	20,250
C. Mil. & St. P. Ry., p.....	10,000	13,400
Cent. & Pitta R. R., gr.....	25,000	41,500
Ill. Cent. R. R., leased line.....	30,000	25,500
Morris & Essex R. R.....	15,000	25,650
Pa. R. R.....	81,850	90,853
Pitt., Bea. & Lake E., gr.....	20,000	12,400
Remondor & Sar. R. R., gr.....	20,000	36,000
So. Ry., M. & O. stk. ctn., tr.....	20,000	15,000

BONDS AND STOCKS OWNED.—Cont.		Par	Market
STOCKS.—Cont.		Value.	Value.
Un. Pac. R.R. Co., p.....		\$15,000	\$12,450
Gn. Adj. Bureau of N. Y.....		350	350
Underwriters Salvage, N. Y.....		1,000	1,500
Underwriters Salvage of Chi.....		1,000	1,000
Western Union Tg.....		10,000	5,900
Totals (book value, \$3,979,914)		\$3,997,442	\$3,818,791

MISCELLANEOUS: The Sun began business in the United States in 1882. Its home office statement as of January 1, 1914, showed assets aggregating £3,725,818, excluding the unpaid portion of capital. The subscribed capital is £2,400,000, of which £480,000 are paid up. Confagration losses: Baltimore, 1904, \$500,919; San Francisco, 1906, \$1,602,820. Losses were paid by remittances from home office. Values of special deposits: Ga., \$10,200; Va., \$10,180.

UNITED STATES TRUSTEES: Herbert L. Griggs, Samuel T. Hubbard, James Brown, New York.

FIELD MEN AND TERRITORY COVERED: United States branch, New York, J. J. Guile, manager; A. M. Thorburn, secretary; W. L. Chambers, assistant secretary; F. P. Glover, chief accountant; G. D. Vail, general adjuster. F. H. Sherman, superintendent of agencies Middle Atlantic and Southern States; T. M. Marson, superintendent of agencies New York and New England States; A. T. Hatch, Boston, Mass., general agent for New England States; R. A. Roberts, Buffalo, special agent for western N. Y.; Roswell Davis, Freeport, N. Y., general agent for Suffolk, Nassau and Queens Counties, N. Y.; Reginald Guile, Philadelphia, special agent for N. J., Va., Del., Md. and D. C.; H. F. Lesh, New York City, special agent for eastern N. Y.; Warren Cleaver, Pittsburg, Pa., special agent for western Pa.; F. J. Renner, Philadelphia, special agent for Eastern Pa.; J. T. Fitten, Atlanta, Ga., special agent for N. C., S. C., Ga. and Ala.; James B. Ross, New Orleans, La., manager for La. and Miss.; Lawrence Haynes & Son, Jacksonville, general agents for Fla.; Beers, Kenison & Co., Galveston, general agents for Tex. Western department, comprising Ark., Colo., Ill., Ind., Ia., Kan., Ky., Mich., Minn., Mo., Neb., N. D., O., Okla., S. D., Tenn., W. Va., Wis. and Wyo., 76 W. Monroe st., Chicago, Ill., P. T. Kelsey, manager; F. M. Jones, assistant manager; J. B. Brown, Jr., Denver, Colo., special agent for Colo.; W. P. Benton, Indianapolis, Ind., State agent and adjuster and J. R. Davis, special agent for Ind. and Ky.; J. M. Hinton, Aurora, Ill., State agent and adjuster for Wis. and Ia.; J. C. Wharton, Cincinnati, O., State agent and Frank E. Woods, special agent for O. and W. Va.; R. I. Read, Chicago, Ill., State agent, and E. F. McAdow, Chicago, Ill., special agent for Ill., Mo. and Tenn.; Thor Schreiber, Saultuck, Mich., special agent for Mich.; L. B. Groomsmith, Minneapolis, Minn., special agent and adjuster for Minn. and N. D.; D. W. Chapin, Omaha, Neb., special agent for S. D., Neb. and Wyo.; J. C. Dulany, Oklahoma City, Okla., State agent, and Robert B. Wallace, special agent for Okla. and Kan.; Cooper & Hall, Nashville, Tenn., State agents for Sun Underwriters Agency in Tenn.; C. A. Henry and W. O. Wayman, San Francisco, Cal., general agents for Pacific Coast, comprising Cal., Wash., Mont., Ore., Ariz., Nev., Utah, Ala. and Ida. Pacific department, Sansome and Sacramento sts., Willard O. Wayman and Carl A. Henry, general agents, San Francisco, Cal.; Frank E. Stone and Maxwell H. Thomson, assistant general agents, J. N. Waters, W. W. Cleveland and J. R. Kenna, special agents, San Francisco; John A. Faull, inspector and surveyor, San Francisco, Cal.; E. A. Roe and J. F. Boylan, special agents, Los Angeles, Cal.; Bruce Kalts and J. F. Boylan, special agents, Los Angeles, Cal.; Bruce Kalts, special agent Seattle, Wash.; W. S. Gill, special agents, Spokane, Wash.; C. S. Hill and H. R. Schroeter, special agents, Denver, Colo. The company operates throughout the U. S.

SVEA FIRE AND LIFE INSURANCE COMPANY, LTD.,
Gothenburg, Sweden.

Acting United States Manager, Benj. R. Mowry, New York; Pacific Department, Managers, Edward Brown & Son, San Francisco; Organized, 1866.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,538,371	\$848,633	\$609,649	\$921,911	\$975,102	\$554,265	\$375,805	\$930,070	\$578,255	+ \$24,178
1913	1,518,749	780,175	671,274	827,797	876,096	402,720	336,507	739,227	383,781	+ 21,718
1912	1,285,270	675,522	616,805	735,044	782,274	417,121	310,347	727,468	411,632	- 2,327
1911	1,251,410	641,004	623,433	678,912	723,432	410,072	288,914	698,986	391,058	.....
1910	1,213,699	649,612	569,923	716,934	757,448	384,630	297,096	681,726	388,718	.....

SVEA FIRE AND LIFE INSURANCE COMPANY, Ltd., Gothenburg, Sweden.—Cont.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$1,264,280	Losses unpaid.....	\$103,960
Cash.....	123,554	Unearned prems.....	848,683
Agents' balances.....	182,208	Other liabilities.....	26,129
Interest.....	18,329		
		Total liabilities.....	\$978,722
		Surplus.....	609,649
Total assets.....	\$1,588,371	Total.....	\$1,588,371

Underwriting loss, \$138,015; investment profit, \$56,607.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$134,418,617; premiums thereon, \$1,599,394.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$11,823,398; losses paid, \$7,580,502.

BONDS OWNED:		Par Value.	Market Value.
Masn. g., 1838, 3½%.....		\$90,000	\$82,800
Troup Co., Ga., rd. & b., 1941, 5%.....		10,000	10,200
Cleveland, ex., reg., 1910, 4%.....		100,000	101,000
New Orleans, pub. imp., 1960, 4%.....		25,000	22,750
N. Y. S., barge canal, int., 1942, 4%.....		50,000	50,500
N. Y. wat., E., 1915, 3½%.....		25,000	25,000
N. Y. C., co., E., 1915, 3½%.....		25,000	25,000
N. Y. C., dock, 1920, 3%.....		10,000	9,500
N. Y. C., dock, g., 1927, 3½%.....		30,000	28,200
N. Y. C., ex. h., E., 1916, 3½%.....		120,000	118,800
N. Y. C., ex. h., E., 1916, 3½%.....		105,000	108,150
N. Y. C., ex. h., E., 1916, 3½%.....		19,000	15,880
N. Y. C., police dept., 1941, 3%.....		50,000	47,000
A. T. & S. Fe Ry., gn. m., g., 1905, 4%.....		50,000	46,500
At. & O. R. R., ex. m., g., 1932, 4%.....		50,000	47,000
B. & O. R. R., P. Jc. & Mid. Div., 1925, 3½%.....		10,000	9,000
C. & O. Ry., gn. m., g., 1902, 4½%.....		25,000	23,500
C. R. I. & P. Ry., 1 & r. m., g., 1934, 4%.....		10,000	7,200
D. & H. 1 & r. m., g., 1943, 4½%.....		50,000	49,000
Erie R. R., Pa., 1951, 4%.....		20,000	18,000
F. & P. M. Ry., P. H. Div., 1 m., c., 1939, 5%.....		15,000	10,050
Ga. Midland Ry., 1 m., g., 1946, 3%.....		30,000	18,900
L. S. & M. So., c. g., 1931, 4%.....		50,000	47,000
Nor. & W. R. R., c. g., 1931, 6%.....		10,000	12,000
N. & W. R. R., P. Jc., c. g., 1941, 4%.....		25,000	22,250
N. P. Ry., prior in Ry. & L. G., g., 1907, 4%.....		50,000	47,500
Ore. R. R. & N. c. ex. m., g., 1946, 4%.....		12,000	11,160
O. S. L. R. R., c. ex. m., g., 1946, 5%.....		13,000	14,040

BONDS OWNED.—Cont.		Par Value.	Market Value.
St. L. & San F. R. R., r., 1951, 4%.....		\$30,000	\$18,900
St. P. M. & M. Ry., Gt. N. Ry., c., ex. m., g., 1933, 4½%.....		20,000	20,800
So. Ry., 1 m., ex., 1944, 5%.....		50,000	52,500
U. Pac. R. R., 1 m., R. R. & L. G., ex., 1947, 4%.....		50,000	48,500
W. Pac. Ry., 1 m., g., 1933, 5%.....		25,000	10,750
W. Sh. R. R., gr., 1 m., 2361, 4%.....		30,000	27,900
Wheeling & L. Erie Ry., c., 1 m., 1926, 5%.....		10,000	10,100
Central Leather, 1 ln., 1925, 5%.....		25,000	24,750
Mtge. Bd. of N. Y., g., 1932, 5%.....		10,000	9,900
Providence Securities, g. d. c., 1957, 4%.....		20,000	11,000

Totals (book value, \$1,346,433)..... \$1,349,000 \$1,264,280

MISCELLANEOUS: This company began business in the United States on the Pacific Coast in 1884, removing its chief American office to New York in 1895. Confagration losses: San Francisco, 1906, \$1,315,377. San Francisco losses were paid by remittances from home office. Deposit in Ga., \$10,200; in O., \$100,000.

UNITED STATES TRUSTEE: New York Trust Co., New York.

FIELD MEN AND TERRITORY COVERED: Benj. R. Mowry, supt. of agencies, 100 William st., N. Y. C.; Edward Brown & Sons, San Francisco, Cal., managers, Pacific Coast department; Rhett & O'Beirne, Atlanta, Ga., general agents, Ga., Fla. and Ala.; Hay Bros. & Reynolds, Raleigh, N. C., general agents N. C. and S. C.; Alfred Paull & Son, Wheeling, W. Va., general agents W. Va.; Frank B. Clarke, New Orleans, La., general agent, La.; The Hedwall-Sundberg Co., Minneapolis, Minn., general agents, Minn., Wis., Ia., N. D., S. D.; John F. Guinness, Syracuse, N. Y., special agent for N. Y.; Harold Knox, New York, N. Y., special agent for N. J., N. Y. suburban, Del. and Md.; Joseph F. Gough, Boston, Mass., special agent for New Eng.; Arthur B. Hall, Milwaukee, Wis., special agent for Ill., Mich., Mo. and Neb.; Clem O. De Witt, Pittsburg, Pa., special agent for Pa.; P. J. Mangano, Indianapolis, Ind., special agent for Ind., O. and Ky. The company operates in Ala., Ariz., Cal., Colo., Conn., Del., D. C., Fla., Ga., Haw., Ida., Ill., Ind., Ia., Ky., La., Md., Mass., Mich., Minn., Mo., Mont., Neb., Nev., N. J., N. Y., N. C., N. D., O., Ore., Pa., R. I., S. C., S. D., Utah, Wash., W. Va., Wis. and Wyo.

SWISS NATIONAL INSURANCE COMPANY, LTD., Basle, Switzerland.

United States Managers, Snow & Thiem, 80 Maiden Lane, New York City. Organized, 1898.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,991,316	\$1,338,073	\$348,630	\$2,096,549	\$2,160,742	\$1,041,362	\$693,247	\$1,734,609	\$1,164,557	+ \$102,150
1913	1,436,560	899,309	370,533	1,380,416	1,431,220	693,471	451,437	1,144,908	743,425	- 1,650
1912	1,212,657	726,657	359,736	1,183,754	1,221,658	455,395	357,206	812,601	519,725	- 106,279
1911	923,375	367,569	492,872	675,219	694,055	136,235	203,749	339,984	197,169	+ \$23,979
1910	230,645		230,645		2,979		3,449	3,449		+ \$31,500

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$1,446,150	Losses unpaid.....	\$298,413
Cash.....	433,660	Unearned prems.....	1,338,073
Agents' balances.....	92,098	Other liabilities.....	6,200
Interest.....	19,408		
		Total liabilities.....	\$1,642,686
		Surplus.....	348,630
Total assets.....	\$1,991,316	Total.....	\$1,991,316

Underwriting loss, \$212,728; investment profit, \$58,675.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$228,558,016; premiums thereon, \$2,427,323.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$5,335,938; losses paid, \$2,326,463.

BONDS OWNED:		Par Value.	Market Value.
U. S. Gov., reg., 1925, 4%.....		\$100,000	\$111,000
N. Y. S. canal imp., 1960, 4%.....		50,000	51,000
N. Y. C., 1959, 4%.....		125,000	125,000
N. Y. C., 1960, 4½%.....		400,000	409,000
St. Louis City, 1929, 4%.....		50,000	50,000
A. T. & S. Fe Ry., gn. m., g., 1905, 4%.....		70,000	67,200
C. & O. Ry., gn. m., 1902, 4½%.....		20,000	18,800

BONDS OWNED.—Cont.		Par Value.	Market Value.
C., B. & Q. R. R., gn. m., 1958, 4%.....		\$50,000	\$47,000
C., M. & P. S. Ry., 1 m., 1949, 4%.....		60,000	55,800
C., M. & S. P. Ry., gn. m., 1989, 4%.....		50,000	48,000
Chi. & Nwn. Ry., gn. m., 1987, 4%.....		40,000	38,000
Erie R. R., prior ln., 1906, 4%.....		5,000	4,200
Kan. City Tm. Ry., 1 m., 1960, 4%.....		50,000	47,000
L. S. & Mich. So. Ry., 1931, 4%.....		40,000	37,600
Mo. Pac. Ry., 1945, 4%.....		5,000	2,100
N. Y., O. & W. Ry., gn. m., 1955, 4%.....		50,000	39,500
No. Pac. Ry., prior ln. Ry. & L. G., 1907, 4%.....		75,000	71,230
Reading & Phil. C. & I., gn. m., 1907, 4%.....		50,000	47,500
So. Pac. R. R., 1 & r. m. gr., 1955, 4%.....		60,000	55,300
Un. Pac. R. R., 1 & r. m., 2008, 4%.....		50,000	47,500
Va. Ry., 1 m., 1962, 5%.....		75,000	73,500
Totals (book value, \$1,458,193).....		\$1,475,000	\$1,446,150

MISCELLANEOUS: Deposited in Conn., \$200,000; in N. Y., \$200,000; in O., \$100,000.

UNITED STATES TRUSTEES: Conn. Trust & Safe Deposit Co., Hartford.

SWISS REINSURANCE COMPANY, Zurich, Switzerland.

Manager, Percival Berensford, New York. Organized, 1863.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,026,067	\$605,455	\$319,042	\$815,655	\$358,806	\$484,234	\$252,582	\$736,816	\$486,671	—\$103,392
1913	986,118	564,666	326,120	769,667	806,406	423,878	237,817	661,695	419,990	—1,112
1912	870,460	490,280	300,920	716,008	749,644	365,579	211,651	577,230	381,684	—1,467
1911	707,439	372,264	280,734	655,154	677,484	154,762	191,353	346,115	201,643	—199,790
1910	570,041	51,439	514,939	89,067	90,084	.....	28,306	28,306	3,673	—9,610

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$973,530	Losses unpaid.....	\$91,370
Cash.....	5,081	Unearned premiums.....	605,455
Agents' balances.....	33,299	Other liabilities.....	10,200
Interest.....	14,057		
		Total liabilities.....	\$707,025
		Surplus.....	\$319,042
Total assets.....	\$1,026,067	Total.....	\$1,026,067

Underwriting profit, \$33,002; investment profit, \$63,303.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$110,592,136; premiums thereon, \$1,153,568.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$3,045,546; losses paid, \$1,402,292.

BONDS OWNED:		Par Value.	Market Value.
Cleveland, O., pk., 1931-28, 4%.....		\$100,000	\$102,000
N. Y. C., 1900, 4½%.....		150,000	154,500
N. Y. C., 1909, 4%.....		50,000	50,000
A. T. & S. Fe. gn. m., 1906, 4%.....		20,000	19,200
A. T. & S. Fe. adj. g., 1903, 4%.....		25,000	22,000
B. & O. r. m., 1911, 4%.....		40,000	34,800
B. & O. l. m., 1948, 4%.....		10,000	9,300
Can. So. Ry., 1902, 5%.....		20,000	21,200
Ches. & O. gn. m., 1902, 4½%.....		10,000	9,400
C. B. & O. Ill. Div., 1949, 3½%.....		20,000	17,000
C. M. & P. S., 1 m., 1949, 4%.....		25,000	23,250
C. R. I. & P., 1 & r. m., 1934, 4%.....		30,000	21,600
Clev., S. L. Ry., 1961, 4½%.....		30,000	28,800
Hocking Val., 1 ca. g. m., 1909, 4½%.....		20,000	20,200
Kan. City Tm. R.R., g., 1960, 4%.....		20,000	18,800

BONDS OWNED.—Cont.		Par Value.	Market Value.
L. S. & Mich. So. d. g., 1931, 4%.....		\$20,000	\$18,800
L. & N., unified g., 1940, 4%.....		40,000	38,400
N. Y. C. & St. L. 1 m., 1937, 4%.....		10,000	9,500
N. Y. W. & B., 1 m., 1946, 4½%.....		20,000	14,000
No. Pac. Gt. N. R.R., C.B. & Q., 1921, 4%.....		30,000	29,100
No. Pac. gn. in., 2047, 3%.....		30,000	20,100
Nor. & W., 1 ca. m., 1906, 4%.....		10,000	9,600
Ore. S. L., r. g., 1929, 4%.....		20,000	18,400
S. A. & A. P., 1 m., g., 1943, 4%.....		24,000	19,680
So. Ry., 1 ca. m., 1904, 5%.....		55,000	57,750
So. Ry., Mem. Div. g., 1906, 5%.....		25,000	26,250
So. Ry. M. & O. col. g., 1908, 4%.....		30,000	24,300
So. Ry., St. L. Div., 1951, 4%.....		20,000	17,400
So. Pac., 1 r. g., 1935, 4%.....		10,000	9,200
So. Pac. San Fran. Tm., g., 1950, 4%.....		4,000	3,400
Un. Pac. 1 in. & r. m., 2008, 4%.....		30,000	28,500
Un. Tm., 1 m., g., 1942, 5%.....		10,000	9,900
Vandalia ca., 1957, 4%.....		40,000	37,200
Va. Ry., 1 m., 1962, 5%.....		20,000	19,600
W. N. Y. & Pa., 1 m., 1937, 5%.....		10,000	10,400
Totals (book value, \$973,530).....		\$1,028,000	\$973,530

MISCELLANEOUS: Deposit in N. Y., \$200,000; in O., \$100,000.

UNITED STATES TRUSTEE: N. Y. Life Ins. & Tr. Co., N. Y.

TERRITORY COVERED: The company is licensed in Ark., Colo., Ia., Ill., Kan., La., Mass., Mich., Miss., Mont., Nev., N. H., N. J., N. Y., N. C., O., Pa., Tex. and W. Va.

SWITZERLAND GENERAL INS. CO., LTD., IN ZURICH, Zurich, Switz. §

Attorneys, Bertschmann & Maloy, New York. Organized, 1869.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$802,504	\$44,005	\$428,795	\$443,228	\$459,670	\$169,177	\$105,711	\$274,888	\$202,535	—\$64,744
1913	478,556	44,780	344,172	408,705	471,338	260,661	101,669	362,330	248,413	—111,671
1912	480,707	51,230	333,888	447,058	462,683	224,252	109,204	333,456	199,382	—121,172
1911	475,808	53,630	307,208	414,566	429,891	204,648	95,778	300,426	217,353	—114,787
1910	461,874	45,964	320,906	449,057	465,067	229,243	103,377	332,620	217,479	—141,809

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$410,900	Losses unpaid.....	\$112,029
Cash.....	134,775	Unearned premiums.....	44,005
Agents' balances.....	52,611	Other liabilities.....	17,675
Interest.....	3,758		
Other assets.....	460	Total liabilities.....	\$173,709
		Surplus.....	\$428,795
Total assets.....	\$802,504	Total.....	\$802,504

Underwriting profit, \$129,357; investment profit, \$20,010.

RISKS AND PREMIUMS: Marine and inland risks in force, Dec. 31, \$3,441,128; premiums thereon, \$70,573.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$5,080,808; losses paid, \$2,906,573.

BONDS OWNED:		Par Value.	Market Value.
New York Cy., op. stk., 1954, 3½%.....		\$25,000	\$22,000
New York Cy., ca. stk., 1918, 3½%.....		200,000	196,000
Balt. & O. 1 m., 1948, 4%.....		20,000	18,600
Union Pac., 1 m., 1947, 4%.....		30,000	29,100
Gt. No. No. Pac., 1921, 4%.....		30,000	29,100
New York Cy., 1957, 4½%.....		10,000	10,700
N. Y. C. & H. River, r., 1907, 3½%.....		10,000	8,300
Balt. & O. 1 m., 1948, 4%.....		10,000	9,300
Atch., T. & S. Fe. gn., 1905, 4%.....		25,000	24,000
Chi., Mil. & St. P., d., 1934, 4%.....		15,000	13,800
Penn. R. R., cv., 1915, 3½%.....		50,000	50,000
Totals (book value, \$421,785).....		\$425,000	\$410,900

MISCELLANEOUS: This company began business in the United States in 1872. Bertschmann and Maloy are also United States attorneys for the General Marine.

FIELD MEN AND TERRITORY COVERED: Louis Rosenthal, agent for Cal., Haw. and Wash. The company is licensed in Cal., Haw., N. Y. and Wash.

§ Transacts marine business.

THAMES AND MERSEY MARINE INS. CO., LTD., Liverpool, Eng.†

Manager, H. K. Fowler, New York. Organised, 1860.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$918,284	\$118,813	\$499,587	\$749,139	\$773,659	\$430,918	\$175,559	\$606,477	\$484,035	+ \$33,063
1913	568,250	120,696	369,766	606,418	630,739	498,585	162,553	660,938	531,373	-62,191
1912	854,272	106,282	383,572	729,965	754,045	419,811	161,147	580,758	422,145	-147,298
1911	832,001	114,071	398,276	643,946	673,066	206,745	149,081	355,826	317,293	-243,918
1910	771,552	150,792	462,150	771,123	793,953	594,275	172,372	766,647	524,677	+85,666

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks...	\$681,860	Losses unpaid.....	\$370,905
Cash.....	92,019	Unearned prems.....	118,813
Agents' balances.....	149,390	Other liabilities.....	28,970
Interest.....	4,105	Total liabilities.....	\$418,687
Total.....	\$927,374	Surplus.....	499,587
Spl. dep. over liab..	9,000		
Total assets.....	\$918,284	Total.....	\$918,284

Underwriting profit, \$66,931; investment profit, \$38,916.

RISKS AND PREMIUMS: Marine and inland risks in force, Dec. 31, \$15,674,065; premiums thereon, \$177,226.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$15,190,769; losses paid, \$6,832,946.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
State of Ga.....		\$10,000	\$10,000
A. T. & S. F. R.R.....		25,000	24,000
Chi. & N. W. R.R.....		92,000	76,300
Boston, 1932, 3½%.....		50,000	46,500
N. Y. Cy., 1942-53, 3½%.....		210,000	186,900
N. Y. Cy., 1960, 4½%.....		40,000	40,400
Portland, 1923, 5%.....		10,000	10,500
C. B. & Q., 1949, 3½%.....		20,000	17,000

† Transacts marine business.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Stocks.			
Ill. C., 1951, 3½%.....		\$30,000	\$25,500
St. P., M. & M., 1937, 4%.....		15,000	14,400
Alle. & W. Ry.....		40,000	52,400
Beech Creek Ry.....		25,000	22,250
Clev. & Pitts.....		15,000	25,400
Ill. C. L. L.....		45,000	38,200
Leakawanna R. R. of N. J.....		25,000	24,000
Morristown & Essex.....		15,000	25,650
P., Ft. W. & O.....		25,000	41,000
Und. Salv., N. Y.....		400	600
Totals (book value, \$762,333).....		\$692,400	\$681,860

MISCELLANEOUS: This company began business in the United States in 1890. Its home office statement, January 1, 1911, showed subscribed capital \$2,000,000; paid-up capital, £200,000; assets, £1,006,295. Conflagration losses: Baltimore, 1904, \$4,345; Values of special deposits: Ga., \$10,000; S. C., \$10,500; Mass., \$100,000.

UNITED STATES TRUSTEE: Central Trust Co., New York.
FIELD MEN AND TERRITORY COVERED: Louis Rosenthal, San Francisco, Cal., manager No. Pacific branch, comprising Cal., B. C., Ore. and Wash. The company is licensed in Ala., Cal., Ga., Ill., La., Md., Mass., N. Y., Ore., S. C., Tex., Tor. and Hal.

TOKIO MARINE INSURANCE COMPANY, Tokio, Japan.†

United States Managers, Appleton & Cox, New York.

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$432,480	\$29,066	\$358,686	\$166,826	\$178,727	\$78,226	\$39,894	\$108,120	\$83,015	+ \$5,891
1913	347,029	27,844	283,646	134,712	145,082	84,799	25,210	110,009	85,230	-59
1912	314,090	13,071	265,416	91,757	101,757	17,943	10,964	28,907	42,550	.....

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
N.Y.C., 1957-9, 4%.....	\$350,000	Losses unpaid.....	\$36,228
Cash.....	148,678	Unearned prems.....	29,066
Agents' balances.....	32,135	Other liabilities.....	8,500
Interest.....	1,667	Total liabilities.....	\$73,794
Total.....	\$432,480	Surplus.....	358,686
Total assets.....	\$432,480	Total.....	\$432,480

Underwriting profit, \$42,561; investment profit, \$31,588.

† Transacts marine business.

RISKS AND PREMIUMS: Marine and inland risks in force, Dec. 31, \$3,196,327; premiums thereon, \$52,418.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$393,295; losses paid, \$179,576.

FIELD MEN AND TERRITORY COVERED: The company operates in Ill., La., Md., Mich., Minn., N. Y., Pa., Tex. and Wis. Applications are being filed for entrance into Ala., Fla., Ga., Ia., Neb., N. J., O., Ore., S. C. and Tenn.

UNION ASSURANCE SOCIETY, LTD., London, Eng.

United States Manager, A. H. Wray, New York. Organised, 1907.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,459,039	\$523,577	\$869,113	\$591,706	\$641,948	\$210,770	\$346,063	\$456,833	\$243,133	—\$99,733
1913	1,337,729	370,724	936,590	390,115	430,601	164,084	130,778	294,862	162,966	-235,138
1912	957,924	315,535	614,108	333,822	364,488	229,908	138,377	368,285	200,398	+ \$95,241
1911	678,806	281,536	346,572	329,279	353,210	144,762	118,550	263,312	185,592	-103,733
1910	690,735	220,723	444,799	351,906	375,854	79,775	122,274	202,049	85,243	-196,531

UNION ASSURANCE SOCIETY, LTD., London, Eng.—Continued.

ASSETS, DEC. 31, 1914.	LIABILITIES, DEC. 31, 1914.
Bonds and stocks.... \$1,207,590	Losses unpaid..... \$47,468
Cash..... 109,012	Unearned premiums..... 523,577
Agents' balances..... 130,997	Other liabilities..... 18,881
Interest..... 11,440	
	Total liabilities.... \$590,026
	Surplus..... 869,113
Total assets..... \$1,459,039	Total..... \$1,459,039

Underwriting loss, \$53,471; investment profit, \$84,927.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,586,372; premiums thereon, \$632,510.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$2,316,591; losses paid, \$846,789.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
D. of C., 1924, 3½%.....	\$100,000	\$104,000
Mass., 1930, 3%.....	50,000	44,500
New York, N. Y., 1940-54, 3½%.....	607,000	668,000
New York, N. Y., 1941, 3%.....	5,000	4,100
New York, N. Y., 1965-6, 4%.....	240,000	237,800
New York, N. Y., 1957, 4½%.....	10,000	10,000
A. T. & S. F. R.R., E. Okla., 1 m., 1928, 4%.....	12,000	11,400
A. T. & S. F. R.R., T.S.L., 1 m., 1958, 4%.....	22,000	20,020

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
Chi., Mil. & St. P. Ry., 1934, 4%.....	\$100,000	\$92,000
Leh. & N. Y. R.R., 1 m., 1945, 4%.....	20,000	17,800
Pa., gr., 1921, 4½%.....	18,000	18,360
Pa. gn. frgt. eq. tr. "P" 1915-8, 4½%.....	40,000	40,000

STOCKS.	Par Value.	Market Value.
Underwriters Salvage, Chi.....	1,000	1,000
Totals.....	\$1,305,000	*\$1,206,890

*Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Deposit in O., \$100,000; in N. Y., \$287,000.

UNITED STATES TRUSTEES: Frederick B. Campbell, John Chaffin, Walter P. Bliss, New York.

FIELD MEN: Harry H. Smith, 433 California st., San Francisco, Cal., Pacific Coast manager. A. H. Wray, United States manager; Charles J. Holman and Clarence E. Porter, assistant managers; William M. Ballard, branch secretary; H. C. Eddy, Chicago, Ill., manager western department. Society operates in Ariz., Cal., Colo., Conn., D. C., Fla., Ida., Ill., Ind., Ia., La., Md., Mass., Mich., Mo., Mont., Nev., N. H., N. J., N. Y., N. C., O. Ore., Pa., R. I., Utah, Wash., W. Va., Wis. and Wyo.

UNION FIRE INSURANCE COMPANY, Paris, France.

Managers, Starkweather & Shepley, Ind., Providence, R. I. Organised, 1828.

(United States Branch Statistics.)

YEAR.	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$962,622	\$335,675	\$534,996	\$419,351	\$452,400	\$270,149	\$162,042	\$432,191	\$273,722	—\$4,696
1913	951,232	304,689	565,155	390,762	422,083	191,953	147,550	339,503	202,390	—2,163
1912	886,239	252,601	567,939	350,982	380,167	196,377	126,639	322,816	196,644	—1,409
1911	841,706	186,935	599,126	308,404	335,370	107,475	103,616	211,091	129,849	—8,401
1910	722,355	57,434	*635,565	90,453	98,321	685	1,946	2,631	2,740	+616,568

* With reserve on monthly pro rata basis, \$617,452.

ASSETS, DEC. 31, 1914.	LIABILITIES, DEC. 31, 1914.
Bonds..... \$681,361	Losses unpaid..... \$49,138
Cash..... 176,082	Unearned premiums..... 335,675
Agents' balances..... 105,495	Other liabilities..... 42,813
Interest..... 8,835	
Other assets..... 100	Total liabilities.... \$427,626
Total..... \$971,873	Surplus..... 534,996
Spl. dep. over liab.. 9,251	
Total assets..... \$962,622	Total..... \$962,622

Underwriting loss, \$54,211; investment profit, \$37,999.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$65,570,290; premiums thereon, \$619,869.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$1,559,962; losses paid, \$756,207.

BONDS OWNED:	Par Value.	Market Value.
Atlanta, Ga., red., 1922, 4½%.....	\$10,000	\$10,000
Cleveland, O., wat. wks., 1940, 4%.....	100,000	103,000
New York City, corp. stk., 1960, 4½%.....	210,000	212,100
Rep. Francis, pub. dbt. rnts., 3%.....	62,440	50,218
Richmond, Va., pub. imp., 1943, 4%.....	25,000	23,250
At. T. & S. F. R.R., gn. m. g., 1905, 4%.....	100,000	96,000
B. & O.R. R., 1 m. g., 1948, 4%.....	100,000	93,000
Central Pac. R.R., 1 r. m., 1949, 4%.....	100,000	94,000
Totals (book value, \$696,330).....	\$707,440	*\$681,568

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: This company was established in 1828. Its home office statement as of December 31, 1911, showed total assets of \$35,534,784 (including \$23,266,262 premiums of future years). Its subscribed capital is \$2,000,000, and paid-up \$1,500,000. Deposited in O., \$100,000; in Va., \$23,250; in Ga., \$10,000.

UNITED STATES TRUSTEE: Farmers Loan and Trust Co., New York.

FIELD MEN AND TERRITORY COVERED: Emil G. Pieper, superintendent of agencies, United States, Providence, R. I.; Harry K. Rowe, special agent for New England, New Haven, Conn.; C. B. Burke, special agent for Pa., N. J. and Md., Philadelphia, Pa.; J. D. Fry, special agent for N. C. and Va., So. Boston, Tenn.; Geo. A. Cram, special agent for O., W. Va. and part of Ky., Columbus, O.; John D. Pollock, special agent for Mich., Minn., Ind. and western Ky., Chicago, Ill.; Frank B. Decker, special agent for N. Y. State, Rochester, N. Y.; R. A. Osborne, special agent for N. Y. suburban and northern N. J., N. Y. City; Fay Morrissey, special agent for Wis., Ill., Mo., Neb., Champaign, Ill.; Gordon Williams, special agent for S. C., Fla. and Ga., Atlanta, Ga.; J. R. Cothran, assistant special agent for Ga., S. C. and Fla. The company operates in Conn., D. C., Fla., Ill., Ind., Ky., La., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., Wis., Colo., Ga., Neb., Ore., Wash., W. Va. and S. C.

UNION MARINE INSURANCE COMPANY, Ltd., Liverpool, Eng.†

United States Managers, F. Herrmann & Co., New York. Organized, 1863.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$389,281	\$190,001	\$478,128	\$1,059,065	\$1,082,841	\$588,261	\$297,895	\$886,156	\$641,911	—\$2,840
1913	712,391	193,032	362,885	780,786	803,506	577,150	274,632	851,782	520,986	—87,023
1912	858,342	172,613	874,951	893,677	917,068	545,812	212,988	758,770	541,870	—61,548
1911	789,592	195,959	320,847	889,947	911,013	537,042	245,395	782,437	579,752	—12,313
1910	662,711	153,034	352,052	821,552	856,878	587,243	230,948	818,191	631,179	—22,941

† Transacts marine business.

ASSETS, Dec. 31, 1914.

Bonds.....	\$537,780
Cash.....	55,362
Agents' balances.....	291,143
Interest.....	6,997
Other assets.....	3,565
Total.....	\$894,747
Spl. dep. over liab.....	5,466
Total assets.....	\$899,281

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$194,605
Unearned prems.....	190,001
Other liabilities.....	26,547
Total liabilities.....	\$411,153
Surplus.....	478,128
Total.....	\$889,281

Underwriting profit, \$94,778; investment profit, \$28,772.

RISKS AND PREMIUMS: Marine and inland risks in force, Dec. 31, \$19,250,149; premiums thereon, \$348,977.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$15,238,956; losses paid, \$6,083,011.

BONDS OWNED:

	Par Value.	Market Value.
Atlanta, Ga., 1937, 4½%.....	\$10,000	\$10,000
Cleveland, O., 1920-26, 4½%.....	100,000	101,500
Miam. Wat. Loan, 1933, 3½%.....	14,000	13,160
N. Y. C., op. stk., wat., 1954, 3½%.....	10,000	8,800
N. Y. C., op. stk., wat., 1962, 4½%.....	100,000	103,000
N. Y. C., E. Riv., bg., 1940, 3½%.....	100,000	90,000
N. Y. C., R. T., 1960, 4½%.....	7,000	7,210
A. T. & S. Fe. gn. m., 1995, 4½%.....	41,500	39,840
Bos. & Me. stg. c., 1923, 3½%.....	1,000	780
B. & Me. stg. c., 1944, 4½%.....	7,000	4,830
Bos. & Alb., reg., 1938, 5½%.....	4,000	4,280
C. & A. Ry., 1 m., 1981, 4½%.....	27,000	24,030
C. R. R. of N. J., gn. m., 1987, 5½%.....	9,000	10,530
C. B. & Q. Ill. Div., 1949, 3½%.....	33,000	28,050
Chi. Nwn. R.R., 1987, 3½%.....	5,000	4,150
Detroit Grand Haven Mil. eq., 1918, 6%.....	1,000	1,020

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Fitchburg R.R., c., 1916, 4½%.....	\$3,000	\$2,970
Kan. & Colo. Pac. Ry., 1938, 6%.....	5,000	4,900
Minn. St. L., r. m., 1949, 4½%.....	3,000	1,200
N. Y. & Putnam Ry., 1 m., g., 1993, 4½%.....	17,000	14,790
N. Y. N. H. & H., 1955, 4½%.....	40,000	29,600
N. Y. C. & H. R. R.R., 1997, 3½%.....	5,000	4,150
Old Colony R.R., 1938, 4½%.....	3,000	2,730
Pa. Co., Ft. Wayne, col., 1941, 3½%.....	26,000	22,360
Solvay Pro., Sen. Sol. jt. imp. d., 1918, 8%.....	4,000	4,000

Totals (book value, \$573,309)..... \$575,500 \$537,780

MISCELLANEOUS: This company began business in the United States in 1880. Its home office statement, January 1, 1913, showed a subscribed capital of £1,308,000 (£163,500 paid up), and assets of £1,081,494. F. Herrmann & Co. are managers of the United States branch of the Mannheim Insurance Co.; Eastern managers of the marine and inland department of the Firemans Fund and the managers of the Columbia of Jersey City. Confagration losses: San Francisco, 1906, \$7,221. This company holds at its head office, \$399,300 of the stock of the Columbia Insurance Co. of Jersey City, N. J. Majority of Union Marine stock is owned by Phoenix of London. Value of special deposits O., \$100,000; Ga., \$10,000; Mass., \$100,000.

UNITED STATES TRUSTEES: George Francis Crane, T. Suffern Teller, New York.

FIELD MEN AND TERRITORY COVERED: F. Herrmann & Co., United States managers, N. Y.; Geo. W. Neare, Gibbs & Co., Cincinnati, O.; Field & Cowles, Boston, Mass.; F. H. Osborn & Co., Chicago, Ill.; Lucas E. Moore & Co., New Orleans. The company operates in Ala., Cal., Conn., Del., D. C., Ga., Ill., Ind., Ia., Kan., Ky., La., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. D., O., Ore., Pa., S. D., Tenn., Tex., Vt., W. Va., Wash. and Wis.

UNION AND PHENIX ESPANOL INSURANCE CO., Madrid, Spain.

United States Managers, Foster & Folsom, Incorporated, New York. Organized, 1884.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,343,181	\$902,678	\$266,332	\$1,304,963	\$1,257,490	\$750,739	\$401,648	\$1,152,387	\$769,696	—\$73,495
1913	1,392,169	838,697	310,198	1,153,024	1,197,722	616,833	361,269	977,596	649,754	—15,004
1912	1,100,895	688,304	308,161	1,012,812	1,048,377	497,437	318,124	815,561	601,939	—100,000
1911	978,167	515,844	375,056	828,623	850,115	243,334	257,237	500,571	305,608	—10,291
1910	636,313	127,203	491,269	227,699	228,401	28,930	73,372	102,302	41,941	+504,764

ASSETS, Dec. 31, 1914.

Bonds.....	\$1,312,020
Cash.....	91,523
Agents' balances.....	21,635
Interest.....	18,003
Total assets.....	\$1,343,181

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$161,872
Unearned prems.....	902,678
Other liabilities.....	12,299
Total liabilities.....	\$1,076,849
Surplus.....	266,332
Total.....	\$1,343,181

Underwriting loss, \$40,803; investment profit, \$71,033.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$155,673,215; premiums thereon, \$1,728,686.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$4,424,120; losses paid, \$2,107,067.

BONDS OWNED:

	Par Value.	Market Value.
Op. stk., N. Y., 1960, 4½%.....	\$200,000	\$302,000
Cleveland, reg., 1920, 4½%.....	40,000	40,400
Toledo, O., bg., 1940, 4½%.....	30,000	30,600
Cincinnati, r., 1960, 4½%.....	30,000	30,900
Atlanta, Ga., crematory, 1940, 4½%.....	5,000	5,000
Atlanta, Ga., sc., 1940, 4½%.....	5,000	5,000
Jersey City, N. J., r. g., 1949, 4½%.....	10,000	9,600
Op. stk., N. Y., 1960-62, 4½%.....	380,000	381,000
Op. stk., N. Y., 1963, 4½%.....	14,000	15,120
Norfolk, Va., app., 1940, 4½%.....	25,000	24,000
Richmond, Va., imp., 1943, 4½%.....	25,000	23,250
A. T. & S. F. R.R. trans. S. L., 1 W., 1968, 4½%.....	20,000	18,300
A. T. & S. F. R.R., 1995, 4½%.....	50,000	44,000
B. & O. R.R. P., L. E. & W. Va., 1941, 4½%.....	10,000	8,700

UNION AND PHENIX ESPANOL INSURANCE CO., Madrid, Spain.—Continued.

BONDS OWNED.—Cont.		Par Value.	Market Value.
B. & O. R.R., 1 m., 1948, 4%.....		\$30,000	\$18,800
Cent. Pac.Ry., 1 r.m., 1949, 4%.....		20,000	18,800
Clev. & P. R.R., ga. m., 1950, 3½%.....		40,000	34,400
C. & N.W. Ry., ga. m. g., 1987, 4%.....		10,000	9,500
C. & O. Ry., ga. m., 1992, 4½%.....		70,000	65,800
C. B. & Q., col. jt., 1921, 4%.....		15,000	14,550
C. M. & St. P. Ry., cv. g., 1932, 4½%.....		5,000	5,100
Gr. No. Ry., 1 & r., 1961, 4½%.....		15,000	15,150
Ill. C. R.R., r. m., 1955, 4%.....		20,000	18,400
Manhattan Ry., ca. m. g., 1990, 4%.....		10,000	9,300
N. Y. C. & H. R. R., g., 1997, 3½%.....		30,000	24,900
N.P.Ry., prior In. Ry. & L. G. g., 1997, 4%.....		15,000	14,250
N. & W. R.R., 1 ca. m. g., 1996, 4%.....		15,000	14,400

BONDS OWNED.—Cont.		Par Value.	Market Value.
So. Pac. R.R., 1 r. m., 1955, 4%.....		\$30,000	\$27,600
So. Ry., 1 ca. m., 1994, 5%.....		40,000	42,000
Un.Pac.R.R., 1 In. & r. m., 2008, 4%.....		32,000	30,400
Totals (book value, \$1,226,436).....		\$1,231,000	*\$1,208,020

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: This company transacts a fire reinsurance business in all the States of the United States. Deposit in Ohio, \$100,000, New York, \$200,000.

UNITED STATES TRUSTEE: Bankers Tr. Co., N. Y.

URBAINE FIRE INSURANCE COMPANY, Paris, France.

United States Managers, Fred. S. James & Co., New York.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$696,360	\$267,533	\$378,506	\$382,428	\$409,757	\$213,115	\$142,115	\$355,230	\$228,295	—\$19,209
1913	649,874	197,319	426,913	307,973	330,697	91,624	106,866	197,990	101,766	+527,073
1912	510,435	77,124	424,166							

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$544,685	Losses unpaid.....	\$35,764
Cash.....	83,056	Unearned premiums.....	267,533
Agents' balances.....	59,693	Other liabilities.....	13,557
Interest.....	7,926		
		Total liabilities.....	\$316,854
		Surplus.....	378,506
Total assets.....	\$696,360	Total.....	\$696,360

Underwriting loss, \$61,708; investment profit, \$32,594.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$45,770,799; premiums thereon, \$478,487.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$690,401; losses paid, \$302,498.

BONDS OWNED:		Par Value.	Market Value.
Cincinnati, O., reg., 1932, 4%.....		\$50,000	\$51,000
Cincinnati, O., reg., 1942, 4%.....		50,000	51,000
N. Y. R. barge can. tm. reg. g., 1942, 4%.....		50,000	50,500
N.Y.S. can. imp. reg. g., 1962, 4%.....		100,000	102,000
N.Y.S. heavy imp. reg. g., 1961, 4%.....		50,000	51,000
A. T. & S. Fe Ry., ga. m. g., 1995, 4%.....		25,000	24,000
B. & O. R.R., 1 m. g., 1948, 4%.....		25,000	23,250

BONDS OWNED.—Cont.		Par Value.	Market Value.
C. B. & Q. R.R., m., 1949, 3½%.....		\$25,000	\$21,250
L. S. & M. So. Ry., 1 m. g., 1997, 3½%.....		25,000	21,500
N.Y.C. & H.R. R.R., col. g., 1998, 3½%.....		25,000	19,500
N.P.Ry. prior In. Ry. & L.G. g., 1997, 4%.....		30,000	28,500
N.P., Gr. N. Ry., col. jt., 1921, 4%.....		30,000	29,100
French Rep. pub. dept., perpetual, 8%.....		86,850	72,085
Totals (book value, \$551,663).....		\$571,850	\$544,686

MISCELLANEOUS: Its latest home office statement showed assets of \$4,495,448. Company was licensed in New York on February 10, 1913.

TRUSTEE: Guaranty Trust Co., New York.

FIELD MEN AND TERRITORY COVERED: Fred S. James & Co., U. S. managers; E. E. Wakefield, assistant manager; C. B. Q. Gaillard, superintendent of agencies; J. B. Guthrie, 219 E. German st., Baltimore, Md., special agent for N. J., Pa., Md. and W. Va.; Chas. E. Macomber, 85 Water st., Boston, Mass., special agent for N. Y., Mass., R. I. and Conn.; Milton P. Vore, 175 W. Jackson Blvd., Chicago, Ill., special agent for Mich., O., Ill., Ky., Ind., Mo., Ia., Wis. and Minn. The company operates in Conn., Ill., Ind., Ia., Ky., Ia., Md., Mass., Mich., Minn., Mo., N. J., N. Y., O., Pa., R. I. and Wis.

WARSAW FIRE INSURANCE COMPANY, Warsaw, Russia.

United States Managers, Fester & Folsom, Inc., New York.
(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$1,018,390	\$371,050	\$279,837	*\$243,891	\$283,546	\$481,424	\$98,548	\$569,972	\$462,480	—\$22,500
1913	970,437	455,076	277,590	616,398	652,802	350,736	178,711	529,447	372,927	—30,000
1912	942,662	518,921	328,310	900,130	925,972	277,549	247,784	525,333	346,544	—99,000
1911	653,160	110,270	525,368	182,156	188,551	9,038	51,065	60,103	22,798	+522,518

* After deducting \$293,979 return premiums on treaty terminated.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$969,390	Losses unpaid.....	\$101,273
Cash.....	9,219	Unearned premiums.....	371,050
Agents' balances.....	28,723	Re. Amer. Union.....	264,218
Interest.....	10,569	Other liabilities.....	1,912
		Total liabilities.....	\$738,453
		Surplus.....	279,837
Total assets.....	\$1,018,390	Total.....	\$1,018,390

Underwriting loss, \$37,610; investment profit, \$62,857.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$58,288,194; premiums thereon, \$708,865.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$1,942,576; losses paid, \$1,103,475.

BONDS OWNED:		Par Value.	Market Value.
City of N. Y. cp., 1959, 4%.....		\$200,000	\$200,000
City of N. Y. cp., 1960-64, 4½%.....		556,000	568,420
City of N. Y. cp., 1963, 4½%.....		87,000	93,960
City of Clev. W.W., 1945, 4½%.....		100,000	107,000
Totals.....		\$943,000	\$969,380

MISCELLANEOUS: The company transacts a fire insurance business in the United States. Deposited in Ohio, \$100,000; in N.Y., \$200,000.

UNITED STATES TRUSTEE: Bankers Trust Co., New York.

WESTERN ASSURANCE COMPANY, Toronto, Canada. §

General Manager, W. B. Meikle; Assistant General Manager, John Sime; Secretary, C. C. Foster. Organised, 1851.

(United States Branch Statistics.)

YEAR	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$2,543,973	\$1,249,970	\$1,076,348	*\$1,542,860	\$1,640,341	*\$1,078,700	\$589,401	\$1,668,101	\$1,101,132	+ \$27,829
1913	2,585,640	1,327,883	1,061,363	1,532,758	1,676,713	924,483	634,710	1,559,193	893,316	+ 60,016
1912	2,464,731	1,238,264	1,018,488	1,503,637	1,656,488	879,985	650,503	1,530,488	843,825	- 33,778
1911	2,404,301	1,145,996	1,026,800	1,457,386	1,541,481	829,953	609,956	1,439,909	842,650	- 69,212
1910	2,361,430	1,190,947	965,981	1,500,891	1,594,537	941,801	606,434	1,548,235	886,904	- 59,144

* Includes \$311,057 marine premiums and \$199,793 marine losses.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$1,907,513	Losses unpaid	\$191,329
Cash	378,685	Unearned premiums	1,249,970
Agents' balances	262,602	Other liabilities	26,326
Interest	21,191		
Total	\$2,569,991	Total liabilities	\$1,467,625
Spl. dep. over liab.	26,018	Surplus	1,076,348
Total assets	\$2,543,973	Total	\$2,543,973

Underwriting loss, \$96,930; investment profit, \$110,103.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$233,321,646; premiums thereon, \$2,833,473; marine and inland risks in force, \$9,700,773; premiums thereon, \$141,317.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$58,423,529; losses paid, \$39,665,782.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
BONDS.		
Dom. of Can., stks., 6 mos., 3 1/2%	\$5,350	\$5,350
Cobourg, Ont., d., 1924-27, 4%	25,000	22,120
Columbus, O., 1919, 4%	50,000	50,500
Eugene, Ore., Bancroft Act, 1924, 6%	17,400	18,618
Ga. State, 1933, 3 1/2%	10,000	9,500
Greenville, Co., S. C., 1933, 4 1/2%	5,000	5,000
Hamilton, Ont., wat. wks., d., 1934, 4 1/2%	25,000	24,000
Kingston, Ont., d., 1918-27, 4%	21,300	20,964
Kingston, Ont., d., 1922-23, 4%	26,700	25,365
Manitoba, Prov., d., 1930, 4 1/2%	60,000	55,800
Montreal, Que., d., 1917-22-24, 4%	46,000	44,200
N. Y. C. ep. stks., 1919, 3 1/2%	141,000	136,770
N. Y. C. ep. stks., 1935, 4%	100,000	99,000
N. Y. C. ep. stks., 1941, 3 1/2%	6,000	5,400
N. Y. C. ep. stks., 1963, 4 1/2%	5,000	5,400
Porto Rico, reg., 1927-32, 4%	10,000	10,200
Richmond, Va., 1921-27, 4%	42,000	41,120
Stayner, Ont., d., 1914-28, 4%	15,431	14,151
Toledo, O., 1942-44, 4%	50,000	51,000
Westmount, Que., se. com., 1950, 5%	14,000	14,000
Winnipeg, Man., d., 1920, 4%	16,000	15,360
Aurora, E. & C. R.R., 1 r., 1946, 5%	5,000	4,550
Can. No. Ry., 1919, 4%	50,000	50,000
Can. No. Ry., 1920, 4 1/2%	50,000	47,500
Can. No. Ry., 1930, 4 1/2%	97,333	91,493
Can. Pac. Ry. ep. in n. ctf., 1924, 6%	2,500	2,600
Chi., M. & St. P. Ry., 1989, 4%	8,000	7,680
Chi., M. & St. P. Ry., cv., 1932, 4 1/2%	600	612
Chi. Ry., 1927, 5%	5,000	4,950
Duluth St. Ry., gn. m., 1930, 5%	25,000	23,500
Los A. Ry. ep. 1 & r. m. g., 1940, 5%	105,000	97,650
Minna St. Ry. & St. P. Cy. Ry., 1928, 5%	5,000	5,100
Niagara St. C. & T. Ry., 1929, 5%	25,000	23,750
Porto Rico Ry., 1 m., 1936, 5%	25,000	21,250
C. Can. L. & Sav., d., 1917, 4%	300,000	300,000
Mtge. Bd., N. Y., 1932, 5%	10,000	9,900
Prov. Lt., Ht. & Pow., 1946, 5%	96,000	96,000
Toronto La. & Sav., d., 1917-19, 4%	50,000	50,000

STOCKS.

Canadian Bk. of Commerce	55,100	112,955
Dom. Sav. & Inv.	15,000	12,150
Can. Perm. Mtge. Co.	19,920	37,449
B. & O. R.R., p.	1,200	972
B. & O. R.R., c.	2,250	2,002
Can. Pac. Ry.	12,500	24,500
Chi., Mil. & St. P., Ry.	10,000	9,900

§ Transacts fire and marine business.

BONDS AND STOCKS OWNED.—Cont.
STOCKS.—Cont.

	Par Value.	Market Value.
Chi. & Nwn. Ry.	\$30,000	\$26,500
Ill. C. R.R.	8,000	8,960
Leh. Val. Ry.	35,000	48,650
L. & N. Ry.	24,000	33,120
M., St. P. & S. Ste M. Ry., c.	30,000	36,900
No. Pac. Ry.	10,000	11,100
Un. Pac. R.R.	10,000	12,800
Ca. Gas. N. Y.	10,000	12,900
U. S. Steel Co., c.	10,000	6,200
Totals (book value, \$1,972,830)	\$1,823,585	\$1,907,513

MISCELLANEOUS: This company began business in the United States in 1874. Its home office statement, January 1, 1915, showed assets amounting to \$3,736,856, and a paid-up capital of \$2,500,000. The capital was previously \$1,500,000, but in 1906 \$1,000,000 of preference stock was issued and sold at 125 per cent. Confagration losses: Baltimore, 1904, \$344,583; San Francisco, 1906, \$1,740,770. Values of special deposits: Ga., \$9,500; Va., \$41,120; Cal., \$97,660; Porto Rico, \$10,200. Other deposits, N. Y., \$212,000; Ohio, \$100,000.

UNITED STATES TRUSTEE: The United States Mortgage & Trust Co., New York.

DIRECTORS: W. R. Brock, president; W. B. Meikle, vice-president; John Hoskin, K. C., LL.D., Robt. Bickerdike, M. P., H. C. Cox, D. B. Hanna, Alex. Laird, Z. A. Lash, K. C., LL. D., Geo. A. Morrow, Augustus Myers, Frederic Nicholls, James Kerr, Osborne, Col. Sir Henry M. Pellatt, C. V. O., E. R. Wood.

FIELD MEN AND TERRITORY COVERED: Major A. White, agent Met. Dis., Maiden Lane and William st., New York; The George E. Wood Co., Inc., Co., New York suburban dis., 84 William st., N. Y., special agent for N.Y. State (except New York City), G. W. Alcock, Syracuse, N. Y.; Chas. H. Godfrey, manager, southern department, Atlanta, Ga.; Louis T. Miller, agency superintendent, Atlanta, Ga.; W. W. Smith, State agent for N. C., Raleigh, N. C.; W. N. H. Smith, special agent for N. C., Raleigh, N. C.; Clarence L. Stockdell, special agent for S. C., Richmond, Va.; A. F. Irby, special agent for Ga., Atlanta, Ga.; A. C. Eifer, special agent for Ala., Birmingham, Ala.; C. A. Prescott, special agent for Miss. and La., Jackson, Miss.; Ed. M. Hafer, special agent for Fla., Jacksonville, Fla.; L. B. Leigh & Co., Little Rock, Ark., general agents for Ark.; T. A. Manning, Dallas, Tex., general agent for Tex. Western department includes the States of Colo., Ariz., Utah, Mont., Neb., N. D. and S. D., Wyo., Kan. and Ida.; H. T. Lamey, manager, H. T. Giberson, assistant manager Denver, Colo.; Pacific department, Miller, Henley & Scott, general agents, San Francisco, Cal., for Cal., Ore., Wash., Nev., Hawaii and Alas.; special agents: W. C. Stone, San Francisco, Cal.; H. P. Hildreth, Seattle, Wash., for Wash. and Ore., New England States: O'Brien, Russell & Co., managers; Joseph F. Burnside, general agent; Wm. Taylor Jordan and Thomas E. Galvin, special agents Boston, Mass., for Me., Mass., Conn., R. I., Vt. and N. H.; E. Sharpe, Pittsburgh, Pa., special agent for W. Va., Pa.; H. C. Brose, Philadelphia, Pa., for N.J.; L. M. Quarles, Richmond, Va., special agent for Va., half W. Va., Md. and D. C.; E. F. Richards, Detroit, Mich., for Mich.; T. E. Hayden, Indianapolis, Ind., for Ind., Tenn. and Ky.; John Davy, Cleveland, O., for O.; R. L. Bruen, Minneapolis, Minn. for Minn.; G. R. Cronley, Milwaukee, Wis., for Ia. and Wis.; W. A. Scherle, Ft. Madison, Ia., special agent for Ia.; W. R. Townley, 76 West Monroe st., Chicago, Ill., general agent; A. H. Grupe for Ill. and Mo. The company operates in all the States and territories of the U. S., except N. M., Okla. (marine only).

YANG TSZE INSURANCE ASSOCIATION, LTD., Shanghai, China.†

United States Managers, Willcox, Peck & Hughes, New York. Organized 1899.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$445,406	\$59,856	\$314,379	\$215,698	\$230,601	\$115,541	\$60,936	\$176,477	\$110,352	—\$22,297
1913	406,119	51,421	272,129	192,171	207,584	200,680	74,507	275,187	124,099	—\$47,458
1912	539,821	51,533	275,958	263,734	277,796	103,819	72,851	176,670	163,575	+16,854
1911	417,835	64,585	222,536	201,064	217,654	268,721	70,634	339,355	204,179	—30,979
1910	545,127	140,422	233,201	318,375	334,095	165,150	73,157	238,307	230,748	+43,832

* Includes remittances to London office. † Transacts marine business.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$305,300	Losses unpaid.....	\$65,411
Cash.....	110,949	Unearned prems.....	59,856
Agents' balances.....	25,866	Other liabilities.....	5,760
Interest.....	3,291		
		Total liabilities.....	\$131,027
		Surplus.....	314,379
Total assets.....	\$445,406	Total.....	\$445,406

Underwriting profit, \$40,384; investment profit, \$24,163.

RISKS AND PREMIUMS: Marine risks in force, December 31, \$4,001,237; premiums thereon, \$97,406.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$1,652,042; losses paid, \$997,070.

BONDS OWNED.	Par Value.	Market Value.
New York Cy., cp. stk., 1957, 4½%...	\$85,000	\$90,950
New York Cy., 1956, 4%.....	115,000	113,850

BONDS OWNED.—Cont.		Par Value.	Market Value.
Gr. No.-No. Pac., 1921, 4%.....		\$25,000	\$24,250
Pennsylvania, cv., 1915, 3½%.....		25,000	25,000
Southern Ry., 1 ca. m., 1904, 5%.....		25,000	26,250
B. & O., 1917, 4½%.....		25,000	25,000
Totals (book value, \$308,060).....		\$300,000	\$305,300

MISCELLANEOUS: This company transacts marine insurance in California, and in 1907 it entered New York State, making the customary statutory deposit. The company also has \$100,000 on deposit with the Metropolitan Trust Co., New York.

UNITED STATES TRUSTEE: Metropolitan Trust Co. New York.

TERRITORY COVERED: The company is licensed in Cal., N. Y. and Wash.

YORKSHIRE INSURANCE COMPANY, LTD., York, Eng.

United States Managers, Frank & DuBois, New York.

(United States Branch Statistics.)

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$950,876	\$445,380	\$437,365	\$540,902	\$569,584	\$284,817	\$247,406	\$532,225	\$314,761	—\$3,225
1913	916,527	371,748	511,345	496,280	524,816	192,854	212,942	405,796	175,730	—718
1912	900,509	231,304	522,977	374,533	396,522	60,762	155,089	215,851	98,136	—11,988
1911	631,983	47,945	577,550	89,238	94,401	9,746	35,734	45,480	15,496	.....

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 21, 1914.	
Bonds.....	\$768,900	Losses unpaid.....	\$59,131
Cash.....	58,544	Unearned prems.....	445,380
Agents' balances.....	114,906	Other liabilities.....	9,000
Interest.....	8,527		
		Total liabilities.....	\$513,511
		Surplus.....	437,365
Total assets.....	\$950,876	Total.....	\$950,876

Underwriting loss, \$98,094; investment profit, \$27,338.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$7,168,650; premiums thereon, \$798,724.

BUSINESS IN U. S. SINCE ADMISSION: Premiums received, \$1,508,653; losses paid, \$539,981.

BONDS OWNED:	Par Value.	Market Value.
N. Y. C., cp. stk., reg., 1957, 4½%.....	\$100,000	\$107,000
N. Y. C., assen., reg., 1917, 4½%.....	25,000	25,250
N. Y. C., cp. stk., reg., 1918, 3%.....	10,000	9,800
N. Y. C., cp. stk., reg., 1917-19, 3%.....	150,000	144,000
N. Y. S. l. hwy. imp., reg., 1963, 4½%.....	50,000	55,000
Bos. reg., 1919, 4%.....	70,000	70,700
Boston, reg., 1919, 3½%.....	50,000	49,000
Mass., reg., l. gr. cross., 1920, 3%.....	80,000	74,400
Ga., reg., 1923, 3½%.....	10,000	9,700
Lucas Co., O. C. H., reg., 1944, 4%.....	100,000	101,000

BONDS OWNED.—Cont.		Par Value.	Market Value.
A. & S. R.R., 1 m., reg., 1946, 3½%.....		\$65,000	\$56,550
F. & P. M.R.R., Tol. Div. 1 m., g., 1937, 5%.....		35,000	33,450
R. W. & O. R.R., 1 m., reg., 1922, 5%.....		8,000	8,400
St. P. M. & M.R.R., m. g., reg., 1933, 4½%.....		10,000	10,400
U.P.R.R., 1 m.R.R. & L.G. g., reg., 1947, 4%.....		25,000	24,250
Totals (book value, \$774,310).....		\$788,000	\$768,900

MISCELLANEOUS: Value of deposit in Ga., \$9,700; in O., \$100,000.

UNITED STATES TRUSTEE: New York Life Insurance & Trust Co., New York.

FIELD MEN AND TERRITORY COVERED: Frank & DuBois, United States managers; Ernest B. Boyd, underwriting manager; O. E. Lane, assistant manager; Frank L. Owen, Albany, N. Y., special agent for New England and New York; H. F. Wanvig, executive special agent, Chicago, Ill., for Ill., Mo., Mich., W. and O. Departments: Pacific Coast, McClure Kelly, manager, San Francisco, Cal.; Carolina: Harry R. Bush, manager, Greensboro, N. C., for N. C. and S. C.; Southeastern: Dargan & Hopkins, managers, Atlanta, Ga.; for Ga., Ala., and Fla.; La. and Miss.: James B. Ross, manager, New Orleans, La., for La. and Miss. The company operates in all the States and Territories of the U. S. except Ariz., Ark., Del., D. C., Ind., Ia., Kan., Ky., Me., Neb., Nev. N. H., N. M., N. D., Okla., R. I., S. D., Tenn., Vt., Va., W. Va. and Wyo.

AMERICAN MUTUAL FIRE AND MARINE INSURANCE COMPANIES

In this division will be found abstracts from the official statements covering the year 1914 of regularly licensed American mutual fire and marine insurance companies having \$15,000 or more of cash assets, together with summaries of their condition and business for each of the last three years.

ABINGTON MUTUAL FIRE INSURANCE COMPANY, Abington, Mass.

President, Isaac C. Howland; Secretary, Alfred H. Nash. Organized, 1856.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'yh'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$194,550	\$85,550	\$105,965	\$60,324	\$69,504	\$32,751	\$18,308	\$18,413	\$59,472	\$32,751
1913	183,545	78,181	103,383	54,459	62,528	14,059	19,248	16,072	49,379	14,575
1912	174,997	74,578	98,855	52,165	60,926	19,004	18,721	15,548	53,184	19,437

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$11,305	Losses unpaid.....	\$2,038
Bonds and stocks.....	144,500	Unearned prem.....	85,550
Cash.....	31,985	Other liabilities.....	999
Agents' balances.....	4,558		
Other assets.....	2,257	Total liabilities.....	\$88,585
		Surplus.....	105,965
Total assets.....	\$194,550	Total.....	\$194,550

Net amount of members' liability, Dec. 31, \$168,160; underwriting profit, \$11,442; investment profit, \$9,340.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$10,945,242; premiums thereon, \$160,083.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,397,416; losses paid, \$546,871; dividends declared, cash, \$418,108.

MORTGAGE LOANS: There are 10 loans, amounting to \$11,305, on property worth \$30,000. There was no interest past due on December 31, last. The company holds \$16,000 insurance on the buildings.

BONDS AND STOCKS OWNED:		Market Value.
Commonwealth of Mass.....		\$4,400
Cy. of Boston.....		4,820
Cy. of Brooklyn.....		4,800
Cy. of Cambridge.....		1,960
Cy. of Detroit.....		1,960
Cy. of Fort Worth.....		4,800
Cy. of Medford.....		3,000
Cy. of Newton.....		2,790
Cy. of Los Angeles.....		5,060

BONDS AND STOCKS OWNED.—Cont.		Market Value.
BONDS.—Cont.		
Cy. of Omaha, Neb.....		\$5,100
Salt Lake Cy.....		4,900
Town of Uxbridge.....		9,600
Boston & Albany R.R.....		8,250
Boston Elevated R.R.....		4,700
Boston & Me. R.R.....		10,000
Chi., Bur. & Quincy R.R.....		2,550
Chi. & Nwn. Ry.....		2,450
Concord & Montreal R.R.....		6,840
Fitchburg R.R.....		7,310
Flint & Pere Marquette R.R.....		2,780
Ill. Cent. Ry.....		900
Lynn & Boston R.R.....		3,900
N. Y. C. & H. R. R.R.....		2,000
N. Y. N. H. & H. R.R.....		6,500
Old Colony R.R.....		2,040
Pa. R.R.....		3,450
Princeton & Nwn. Ry.....		2,000
Rockland & Abington St. Ry.....		2,780
Terminal R.R. Assn., St. L.....		1,000
Trenton Passenger Ry.....		2,000
West End St. Ry.....		2,280
Worcester Co. St. Ry.....		5,200
Amer. Tl. & Tg.....		4,000
		8,900

STOCK		Market Value.
Nat. Bk. Stk.....		2,770
Totals.....		\$144,500

TERRITORY: The company operates only in Mass.

ACTON AND GENESEE MUTUAL FIRE INSURANCE COMPANY, Atwater, Minn.

President, O. J. Gilbertson; Secretary, F. C. Peterson, Atwater, Minn. Organized, 1884.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'yh'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$22,208	.....	\$22,183	\$9,201	\$13,171	\$5,580	.....	\$1,597	\$7,127	\$5,482
1913	20,983	.....	20,911	8,177	8,177	3,611	.....	1,371	4,982	3,611
1912	17,787	.....	17,468	7,817	7,817	9,116	.....	1,215	10,332	9,222

Fire risks in force, December 31, \$4,771,790.

MISCELLANEOUS: This is a mutual company and employs

no agents. All business transacted by the executive board, which consists of the president, secretary and treasurer, Andrew Flygare.

ADDISON FARMERS MUTUAL INSURANCE COMPANY, Addison, Ill.

President, A. L. Glos; Secretary, Otto A. Fisher. Organized, 1855.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'yh'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$81,169	\$27,015	\$54,154	\$13,128	\$17,905	\$10,911	.....	\$4,814	\$15,725	\$10,911
1913	79,311	22,335	56,976	14,448	17,629	19,335	.....	3,949	23,284	19,335
1912	83,810	20,333	63,477	10,528	14,613	6,693	.....	4,073	10,766	6,693

ASSETS, DEC. 31, 1914: Real estate, \$904; mortgage loans, \$66,600; collateral loans, \$400; cash, \$4,554; agents' balances, \$7,570; interest and rents, \$341; total assets, \$81,169. **Liabilities:** unearned premiums, \$27,015.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,220,145; premiums thereon, \$50,921.

REAL ESTATE OWNED: Consists of 17 acres of land in Cook Co., Ill.

MORTGAGE LOANS: There are 31 loans amounting to \$66,600; mainly on farm property situated in Du Page and Cook Counties, Ill., valued at \$131,000. There was no interest past due on Dec. 31, last. The company holds ample insurance on the mortgaged buildings.

ALLIANCE CO-OPERATIVE INSURANCE COMPANY, Topeka, Kan.

President, W. B. Gasche; Secretary, E. Elston. Organized 1895.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$82,018		\$80,184	\$36,988	\$41,659	\$22,632	\$3,386	\$15,572	\$41,590	\$31,073
1913	74,654		73,438	43,340	47,375	21,480	247	16,066	37,773	22,671
1912	63,740		63,124	38,693	43,288	25,092		15,188	40,280	25,092

ASSETS, DEC. 31, 1914: Real estate, \$1,600; mortgage loans, \$68,550; bonds and stocks, \$3,000; cash, \$6,943; agents' balances, \$387; interest and rents, \$1,588; total assets, \$82,018. Liabilities: Losses unpaid, \$500; other liabilities, \$1,334; total liabilities, \$1,834.

Premium notes, Dec. 31, \$39,500.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$12,984,823; premiums thereon, \$38,151.

BUSINESS SINCE ORGANIZATION: Premiums received, \$407,080; losses paid, \$194,454; dividends declared, cash, \$939; other, \$26,860.

REAL ESTATE OWNED: Comprises a tract of land with 4-room house, valued at \$1,600, and another property sold under contract, equity \$1,000.

MORTGAGE LOANS: There are 49 loans aggregating \$68,550, protected by farm property, together with a few first-class town properties valued at \$223,542. There was \$225 of interest past due on December 31, last. Company holds \$33,175 of insurance on the mortgaged buildings.

TERRITORY COVERED: Kansas only.

AMERICAN MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.

President, John R. Freeman; Secretary, Theo. P. Bogert. Organized, 1877.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$656,406	\$383,907	\$263,155	\$415,040	\$44,423	\$23,120	\$339,237	\$28,786	\$391,143	\$25,248
1913	603,243	242,333	354,648	225,844	256,053	31,483	177,116	26,581	235,180	31,949
1912	637,930	299,646	333,238	279,551	310,069	28,927	227,569	39,958	296,454	30,663

ASSETS, DEC. 31, 1914.

Bonds and stocks	\$604,907	Losses unpaid	\$5,085
Cash	35,868	Unearned premiums	383,907
Agents' balances	13,518	Other liabilities	4,259
Interest	2,113	Total liabilities	\$393,251
		Surplus	263,155
Total assets	\$656,406	Total	\$656,406

Net amount of members' liability, Dec. 31, \$3,190,398; underwriting profit, \$217,691; investment profit, \$30,054.

RISKS AND PREMIUMS: Fire risks in force December 31, \$66,951,968; premiums thereon, \$638,080.

BUSINESS SINCE ORGANIZATION: Premiums received, \$7,653,707; losses paid, \$1,228,948; dividends declared, cash, \$6,746,428.

BONDS OWNED:

	Market Value
U. S. reg., 1925, 4%	\$22,300
State R. I., 1899, 3 1/2%	4,600
State R. I., 1909, 5 1/2%	27,000
Amer. Tl. & Tg., cv. c., 1933, 4 1/2%	78,062
C. M. & St. P. Ry., cv. c., 1932, 4 1/2%	1,326
Denver City Tramway, 1919, 5%	7,840
N. Y., N. H. & H. R.R., d. c., 1923, 6%	4,452
So. Pac. cv. c., 1919, 4%	2,580
So. Pac. Co., cv. c., 1919, 5%	7,140

STOCKS.

Clev. & Pitta. R.R.	8,300
Ill. C. R.R., leased lines	3,400
Manhattan Ry.	26,600
Morris & Essex R.R.	11,115
Old Colony R.R.	22,500
Pitts., Bos. & Lake Erie R.R., p.	12,500
West End St. Ry.	8,645
A. T. & S. Fe Ry., p	10,300
B. & O. R.R., c	4,003

BONDS AND STOCKS OWNED.—Cont.
STOCKS.—Cont.

B. & O. R.R., p.	\$1,944
Chi. Gt. W. R.R., p.	8,380
Chi. Mil. & St. P. Ry., c.	6,247
Chi. Mil. & St. P. Ry., p.	21,574
Chi. St. P. M. & O. Ry.	13,100
Chi. & Nwn. Ry.	16,625
Clev. Cinna. C. & St. L. Ry., p.	5,000
Gt. No. Ry., p.	31,000
Ill. C. R.R., p.	7,728
M. St. P. & S. Ste M. Ry., c.	17,712
M. St. P. & S. Ste M. Ry., p.	31,178
N. Y. N. H. & H. R.R., p.	9,900
No. Pac. Ry.	17,760
Pa. R.R.	42,180
So. Pac.	19,200
So. Pac. Co. cv. int.	15,046
So. Ry. Co., p.	6,800
Un. Pac. R.R., c.	25,600
Un. Pac. R.R., p.	33,200
Providence Gas Co.	4,900
U. S. Steel Cp., p	11,000
Total	\$602,619

MISCELLANEOUS: This company, together with the Enterprise, Manufacturers, Mechanics, Rhode Island and State Mutual Fire Insurance Companies, is under the same management. It operates in the United States and Canada. No assessment was ever levied on policyholders.

DIRECTORS: H. F. Lippitt, R. I. Gammell, J. R. Freeman, Wm. Ames, J. H. Metcalf, A. L. Danielson, C. H. Merriman, W. Knight, S. M. Nicholson, E. D. Pearce, A. H. Tillinghast, H. D. Sharpe, H. O. Sturges, Jonathan Chace, A. B. Chace.

TERRITORY COVERED: The company operates in all the States and Territories except Alas., Ariz., Ark., D. C., Fla., Nev., N. M., N. D., Okla., P. I., P. R., Tex., Utah, Wash. and Wyo.

ANTHRACITE MUTUAL FIRE INSURANCE COMPANY, Shamokin, Pa.

President, E. G. Seiler; Secretary, W. J. Wiest. Organized, 1891.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$19,045	\$1,595	\$17,450	\$1,694	\$2,546	\$15		\$534	\$549	\$15
1913	16,064		16,094	1,998	2,911	918		645	1,563	918
1912	14,777	1,699	13,078	1,152	1,863	145		430	575	145

ANTHRACITE MUTUAL FIRE INSURANCE COMPANY, Shamokin, Pa.—Continued.

ASSETS, DEC. 31, 1914: Bonds and stocks, \$15,876; cash, \$314; interest, \$55; loans, \$2,800; total assets, \$19,045. Liabilities: Unearned premiums, \$1,595.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,027,240; premiums thereon, \$4,829.

BUSINESS SINCE ORGANIZATION: Premiums received, \$32,625; losses paid, \$20,567.

BONDS OWNED:			Par Value.	Market Value.
P. & R. Ry., gn.	1945		\$3,000	\$2,798
Colo. Springs & Cripple Cr.			1,000	1,015
Japanese Govt., bs			1,000	900
Bethlehem Steel			1,000	900
Blg. & Loan, stk., Shamokin			5,700	5,700
Interborough R. T.			1,000	967
Auburn Shale Brick			3,500	3,500
American Tel. & Tg.			100	96
Totals			\$16,300	\$15,876

TERRITORY COVERED: Shamokin, Pa.

ARKWRIGHT MUTUAL FIRE INSURANCE COMPANY, Boston, Mass.

President R. W. Toppan; Vice-President and Secretary, D. W. Bartlett. Organized, 1860.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$1,708,497	\$1,126,956	\$558,041	\$1,185,382	\$1,278,238	\$655,151	\$349,303	\$110,368	\$1,624,822	\$659,295
1913	2,039,273	1,181,945	833,535	1,330,780	1,406,643	220,189	1,070,323	157,446	1,447,938	\$29,477
1912	2,159,483	1,109,484	996,621	1,724,484	1,807,878	67,829	1,520,166	124,919	1,712,914	66,515

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$1,542,350	Losses unpaid	\$12,000
Cash	97,309	Unearned premiums	1,126,956
Agents' balances	42,215	Other liabilities	7,500
Interest	21,623		

Total liabilities... \$1,145,456

Surplus... 558,041

Total assets..... \$1,073,497 Total..... \$1,703,497

Net amount of members' liability, Dec. 31, \$11,310,042; underwriting profit, \$473,196; investment profit, \$100,624.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$317,685,832; premiums thereon, \$2,262,008.

BUSINESS SINCE ORGANIZATION: Premiums received, \$33,728,620; losses paid, \$4,135,683; dividends declared, \$26,817,543.

BONDS OWNED:		Value.	Market Value.
Boston, 1892-45, 3 1/2%		\$30,000	\$75,000
Cambridge, 1920, 3 1/2%		25,000	24,250
Lowell, 1920, 4%		20,000	20,000
Mass. Commonwealth of, 1929-40, 3%		100,000	84,000
New York 1955, 4%		50,000	49,500
Atch., T. & S. Fe. 1902, 4 1/2%		50,000	49,000
Bos. & Alb. R.R., 1952, 3 1/2%		50,000	41,000
Bos. & Alb. R.R., 1933-34, 4%		75,000	70,000
Bos. El. R.R., 1937, 4 1/2%		20,000	18,400
Bos. & El. R.R., 1935, 4%		50,000	43,000
Bos. & El. R.R., 1941, 4 1/2%		25,000	22,750
Bos. & Lowell R.R., 1932, 4%		55,000	51,700
Bos. & Me. R.R., 1942, 4%		50,000	32,000
Bos. & Me. R.R., 1944, 4 1/2%		25,000	17,250
C. & B. & Q. R.R., 1949, 3 1/2%		50,000	42,500

BONDS OWNED.—Cont.			Par Value.	Market Value.
C. & B. & Q. R.R., 1958, 4%			\$25,000	\$23,500
C. M. & St. P. R.R., 1934, 4%			30,000	46,000
C. & Mont. R.R. ex. m., 1920, 4%			25,000	24,000
Del. & Hud., 1943, 4%			25,000	24,500
Erie & Pitts. R.R., 1940, 3 1/2%			25,000	21,500
Fitchburg R.R., 1928, 4%			50,000	45,000
L. S. & Mich. So., 1907, 3 1/2%			50,000	43,000
L. S. & Mich. So., 1931, 4%			25,000	23,500
New Eng. R.R., 1945, 4%			30,000	28,300
N. Y. C. & H., 1897-98, 3 1/2%			115,000	93,250
N. Y. N. H. & H., 1947, 3 1/2%			50,000	35,000
N. Y. N. H. & H., 1954, 4%			80,000	72,000
N. Y. P. & N., 1939, 4%			50,000	47,500
Nor. & Wor. R.R., 1927, 4%			50,000	46,500
Old Colony R.R. Co., 1938, 4%			40,000	36,400
Ore. Wash. R.R. Nav., 1901, 4%			50,000	44,500
Pa. Co., 1931, 4%			20,000	19,000
P. & O. R.R., 1928, 4 1/2%			25,000	24,500
West End St. Ry., 1932, 4%			45,000	40,950
Amer. Tl. & Tg., 1929, 4%			75,000	66,750
Mass. Gas, 1931, 4 1/2%			75,000	71,250
N. Y. Tl., 1939, 4 1/2%			25,000	24,500
Totals (book value, \$1,637,608)			\$1,730,000	\$1,542,250

MISCELLANEOUS: Company operates in Me., Mass., R. I., Mich., N. Y., N. H., N. C., Pa., S. C. and Wis.

DIRECTORS: Roland W. Toppan, George W. Wheelwright, Franklin W. Hobbs, Edward Lovering, D. Wendell Bartlett, M. F. Westover, Phillip Y. DeNormandie, Nathaniel Stevens, C. Minot Weld, R. P. Snelling, T. A. Russell, Walter B. Nye.

ASHLAND MUTUAL FIRE INSURANCE COMPANY, Ashland, Pa.

President, J. D. McConnell; Secretary, S. Frank Williams. Organized, 1878.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$48,195		\$48,195	\$1,237	\$3,027	\$219		\$662	\$681	\$319
1913	46,304		46,304	1,000	2,797			624	624	
1912	45,674		45,674	832	4,525	621	\$18	1,542	2,180	631

ASSETS, DEC. 31, 1914: Bonds and stocks, \$37,541; collateral loans, \$3,060; cash, \$7,904; total assets, \$48,195. No liabilities. Fire risks in force, December 31, \$383,480.

BONDS AND STOCKS OWNED.		Par Value.	Market Value.
Ashland		\$400	\$400
Erie		6,000	4,080
Japanese		5,000	4,400
P. & R. R. R.		11,000	10,230
B. & O. R. R.		4,000	3,570
Adrian El. Illum.		1,000	1,000
Ashgh Valley R. R.		5,000	4,413

BONDS AND STOCKS OWNED.—Cont.			Par Value.	Market Value.
A. T. & S. F. Ry.			\$2,000	\$1,800
Northern Pacific			2,000	1,785

STOCKS.			Par Value.	Market Value.
Citizens Saving & Loan			....	5,073
M. & L. Sav. & Loan			....	1,000
Temporary loans			3,060	3,060
Totals			\$39,450	\$40,801

ATLANTIC MUTUAL FIRE INSURANCE COMPANY OF PHILADELPHIA, Philadelphia, Pa.

President, Frederick A. Downes; Secretary, George C. Hopson. Organized, 1905.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$66,250	\$33,232	\$31,141	\$47,642	\$50,319	\$12,981	\$43,353	\$7,976	\$64,310	\$14,398
1913	81,190	41,761	38,763	73,277	76,041	5,388	45,336	8,707	59,431	5,702
1912	70,335	37,715	32,138	64,767	67,211	26,557	32,238	9,833	68,628	26,194

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$52,950	Losses unpaid	\$1,746
Cash	8,668	Unearned prem.	33,232
Agents' balances	3,822	Other liabilities	130
Interest and rents	1,010		
		Total liabilities	\$35,108
		Surplus	31,142
Total assets	\$66,250	Total	\$66,250

Net amount of members' liability, Dec. 31, \$332,317; underwriting profit, \$34,004; investment profit, \$1,727.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,891,107; premiums thereon, \$66,463.

BUSINESS SINCE ORGANIZATION: Premiums received, \$633,374; losses paid, \$105,904; returned to policyholders, \$297,296.

BONDS OWNED:		Market Value.
Mobile & Birm. R.R., 4%		\$3,650
Norfolk & So. R.R., 5%		4,900

BONDS OWNED.—Cont.		Market Value.
Mo., Kan. & Tex. R.R., 5%		\$4,600
Wins.-Salem Southbound, 4%		4,350
Kan. Cy., Ft. Scott & Minn., r., 4%		3,650
St. P. & Kan. Cy. Short Line, 4½%		3,800
Brunswick & W. R.R., r., 4%		4,700
A., T. & S. Fe R.R., r., 4%		4,550
St. L., So. Wes., r., 5%		3,500
St. L. & San Fran. R.R., 4%		1,000
Richmond-Wash. Co., 4%		4,750
Ches. & Ohio Ry., 5%		5,350
R. I., Ark. & La. Ry., 4½%		4,150
Total		\$52,950

MISCELLANEOUS: This company (which was formerly styled the Cotton Seed Crushers Mutual Assurance Company), together with the Keystone Mutual Fire, Manton Mutual Fire, National Mutual Assurance and Southern States Mutual Fire Insurance Companies, is under the same management. The company is licensed in Pa. and S. C.

ATLANTIC MUTUAL (MARINE) INSURANCE COMPANY, New York.†

President, Cornelius Eldert; Secretary, G. Stanton Floyd-Jones. Organized, 1942.

YEAR	Cash Assets	Unearned Premiums	Outstanding Cris. of Profit	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$16,120,748	\$960,543	\$6,980,260	\$4,346,817	\$5,078,098	\$1,639,332	*\$1,735,319	\$796,468	\$4,173,119	\$2,008,676
1913	15,121,402	598,890	7,333,990	2,812,326	3,521,853	1,236,545	*1,623,050	900,415	3,760,010	959,011
1912	15,900,654	719,401	7,390,130	3,238,414	3,943,741	1,262,841	*1,620,848	810,321	3,793,910	1,183,909
1911	15,632,682	670,331	7,399,510	2,831,514	3,936,126	959,531	*1,616,139	\$558,929	\$4,345,599	911,018

* Paid to scripsholders. † Includes \$20,535 loss on ledger assets and \$34,959 decrease by adjustment in book value of ledger assets.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate	\$4,888,700	Losses unpaid	\$2,004,061
Bonds and stocks	6,974,659	Unearned prem.	960,543
Loans on steamer	70,000	Other liabilities	792,798
Cash	2,256,535		
Bills rec. for prem.	1,716,756	Total liabilities	\$3,757,402
Interest and rents	64,843	Cts. of profits	6,980,260
With foreign bankers	149,260	Surplus	5,383,086
Total assets	\$16,120,748	Total	\$16,120,748

Underwriting profit, \$1,306,806; investment profit, \$644,915.

RISKS AND PREMIUMS: Marine and inland risks in force, Dec. 31, \$171,472,957; premiums thereon, \$960,543.

BUSINESS SINCE ORGANIZATION: Premiums received, \$945,277,430; losses paid, \$127,132,698; dividends declared, scrip, \$90,901,110.

REAL ESTATE OWNED: Comprises the company's home office building, a modern office structure covering 14,000 square feet at Wall and William sts. and Exchange place, New York, the book value of which is \$4,299,426 (carried at \$4,750,000) and dock property in Staten Island, N. Y. (book value, \$75,000) carried at \$128,700.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
U. S. Gov., 1925, 4%		\$300,000	\$222,000
N. Y. c. imp., 1959, 3%		300,000	297,000
N. Y. reg. L., 1957, 3%		150,000	148,500
N. Y. c. imp., 1958, 3%		50,000	49,500
N. Y. c. ca., 1916, 3½%		600,000	594,000
N. Y. C., op. stks., 1953, 3½%		500,000	440,000
Atl. Coast Line, g. 1 ca. m., 1952, 4%		55,000	51,700
Bklyn. & M. R.R., g. 2 m., 1938, 5%		75,000	78,000
C. B. & Q. Ill. Div., 1 m., 1949, 4%		150,000	142,500
C. M. & St. P. Ry., 1918, 5%		50,000	49,500
Del. & Hud., g. cv. d., 1916, 4%		24,000	22,760
L. S. & M. So., g. d., 1923, 4%		200,000	188,000
L. S. & M. So., g., 1931, 4%		100,000	94,000
N. Y. C. & H. R. R.R., g. d., 1934, 4%		150,000	135,000

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
N. Y. C. & St. L., g. a. L., 1937, 4%		\$100,000	\$95,000
No. Pac. Gt. No. C. B. & Q. col. tr., 1921, 4%		150,000	145,500
R. & S. R.R., 1921, 7%		80,000	60,000
St. P. M. & M. P., g., 1940, 4%		96,969	87,272
West Shore R.R., 1 m., 2361, 4%		200,000	186,000
Maritime Assn. Pt. N. Y., 2 m., 1924, 5%		5,000	2,750
Prov. Sec. 60 yr. g. d., 1957, 4%		100,000	58,000
P. S. ep. of N. J., 3 yr. col. g., 1916, 5%		100,000	100,000
Rights to subs. Ca. Gas Co., N. Y., 1920, 6%		23,000	880
STOCKS.			
Chi. & Nwn. R.R.		160,000	212,800
Del. & Hudson		70,000	108,600
D. L. & W. R.R.		150,000	601,500
Gt. No. Ry., p.		35,000	43,400
Lockawanna R.R., N. J., gr.		36,300	34,848
Morris & Essex, gr.		20,000	34,200
N. Y. C. & H. R. R.R.		200,000	180,000
N. Y. L. & W., gr.		50,000	58,000
No. Pac. Ry.		32,000	35,520
Penn. R.R.		363,000	402,930
Amer. Exch. Nat. Bk.		90,000	187,200
Bk. of Amer.		50,000	280,000
Bk. of N. Y.		100,000	379,000
Bk. of Manhattan cs.		18,000	57,780
Market & Fulton Nat. Bk.		33,300	83,250
Mech. & Metals Nat. Bk.		85,000	209,100
Merchants Nat. Bk.		70,160	123,464
Metropolitan Tr. Co.		80,500	305,900
Nat. Bk. of Commerce, N. Y.		80,500	135,240
U. S. Mfg. & Tr. Co.		10,000	40,600
Atl. Safe Deposit Co.		27,800	27,800
Ca. Gas of N. Y.		88,000	113,520
D. L. & W., coal.		22,500	63,000
Gt. No. Iron Ore Prop.		25,000	8,000
Underwriters Salvage		1,000	1,500
West India & Panama Tg. Co.		24,300	3,645
Totals (book value, \$6,120,434)		\$5,328,319	\$6,974,659

† Transacts marine business.

ATLANTIC MUTUAL (MARINE) INSURANCE COMPANY, New York.—Continued.

TRUSTEES: John N. Beach, Ernest C. Bliss, George C. Clark, John Claffin, Cleveland H. Dodge, Cornelius Eldert, Richard H. Ewart, Philip A. S. Franklin, Herbert L. Griggs, Anson W. Hard, Thos. H. Hubbard, Lewis Cass Ledyard, Charles D. Leverich, George H. Macy, Nicholas F. Palmer, Henry Parish, Adolph Pavenstedt, Chas. M. Pratt, Dallas B. Pratt, A. A. Raven, John

J. Riker, Douglas Robinson, Wm. Sloane, Louis Stern, William A. Street, George E. Turnure, Jas. H. Post, Wm. J. Schieffelin, Richard H. Williams, Wm. H. Loefferts, S. T. Hubbard, Edmund L. Baylies, Nicholas Biddle, Charles A. Peabody, Samuel Sloan, and James Brown.

ATTLEBOROUGH MUTUAL FIRE INSURANCE COMPANY,
Attleborough, Mass.

President, Mark E. Rowe; Secretary, James S. Palmer. Organized, 1844.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$34,295	\$21,081	\$10,320	\$15,934	\$17,584	\$4,765	\$7,489	\$6,447	\$18,701	\$5,467
1913	35,867	22,067	10,207	16,853	18,511	4,357	7,523	6,166	18,046	4,330
1912	35,158	23,073	8,058	16,590	23,567	23,330	8,967	8,167	40,464	22,760

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$14,675	Losses unpaid.....	\$2,205
Bonds and stocks.....	7,420	Unearned prems.....	21,081
Cash.....	10,683	Other liabilities.....	689
Agents' balances.....	1,288		
Interest.....	229	Total liabilities....	\$23,975
		Surplus.....	10,320
Total assets.....	\$34,295	Total.....	\$34,295

Underwriting profit, \$6,235; investment profit, \$1,685.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,223,341; premiums thereon, \$43,364.

BUSINESS SINCE ORGANIZATION: Premiums received, \$266,097; losses paid, \$185,011; dividends declared, cash, \$28,267.

MORTGAGED LOANS: There are 11 loans aggregating \$14,675 on property valued at \$184,000 and on which there is but \$21 of interest past due. The company holds \$19,300 of insurance on the mortgaged buildings.

BONDS OWNED: These items, which aggregate \$8,000 par value and \$7,420 market value, are made up of the following securities: Northampton El. Lt., Plymouth El. Lt., Arlington Gas Lt., Metropolitan St. R. R., Bridgewater, Whitman, Rockland St. R. R., United Fruit Co. and Hereford R. R.

AUTOMOBILE MUTUAL INSURANCE COMPANY OF AMERICA,
Providence, R. I.

President, A. T. Vigneron; Secretary, Frank M. Barber. Organized, 1907.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$316,164	\$90,568	\$221,518	\$179,436	\$195,714	\$39,216	\$73,190	\$32,317	\$184,723	\$39,201
1913	251,297	81,023	166,222	160,648	171,567	22,317	56,070	24,008	102,395	22,807
1912	199,107	69,812	126,221	137,562	145,253	27,350	41,261	23,576	92,187	27,225

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks....	\$254,825	Losses unpaid.....	\$1,225
Cash.....	52,793	Unearned prems.....	90,568
Agents' balances.....	3,983	Other liabilities.....	2,853
Interest.....	1,363		
Other assets.....	3,200	Total liabilities....	\$94,646
		Surplus.....	221,518
Total assets.....	\$316,164	Total.....	\$316,164

Underwriting profit, \$113,079; investment profit, \$12,207.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$7,232,850; premiums thereon, \$181,136.

BUSINESS SINCE ORGANIZATION: Premiums received, \$759,410; losses paid, \$127,231; dividends declared, cash, \$230,528.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
U. S. Gov. 4s., 1925.....	\$10,000	\$11,100	
B. & O. R. R., cv., 4 1/2%.....	1,500	1,380	
Portland Ry. Lt. & pow., 1 r., 5%.....	5,000	4,600	
Amer. Tl. & Tg., col., 4%.....	10,000	8,900	
Amer. Tl. & Tg., cv., 4 1/2%.....	2,000	1,980	
Cleva. El. Ill., 1, 5%.....	5,000	5,100	
Ga. El. d., 5%.....	5,000	5,300	
Pawtucket El. co., 5%.....	3,000	2,940	
So. Cal. Edison, gn., 5%.....	5,000	4,700	
Union El. Lt. & Pow., r. & ex., 5%.....	5,000	4,750	
Consumers Pow., 1 & r., 5%.....	5,000	4,700	
East Ohio Gas, 1 cv., 5%.....	5,000	4,900	
R. I. St., 1964, 4%.....	1,000	1,000	
Indianapolis Lt. & Hk., 1940, 5%.....	5,000	5,000	
Woonsocket El. Mach. & Pr., 1943, 4 1/2%.....	5,000	4,600	
Detroit & Sub. Gas, 1928, 5%.....	5,000	4,650	
Portland Gas & Coke, 1940, 5%.....	5,000	4,850	

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
STOCKS.			
A., T. & S. Fe Ry., p.....		\$10,000	\$10,300
B. & O. R. R. Co.....		12,300	10,947
Gt. No. Ry., p.....		10,800	12,392
Ill. Central R. R.....		10,000	11,300
N. Y., N. H. & H. R. R.....		10,000	5,500
No. Pac. R. R.....		10,000	11,100
Pa. R. R.....		11,000	12,210
Tunnel R. R. of St. L.....		700	784
Union Pac. R. R.....		10,000	12,800
Newport & Fall River St. Ry.....		5,000	5,500
St. Louis Bg., 1 p.....		700	770
American Tl. & Tg.....		10,000	12,300
Blackstone Valley Gas & El., p.....		5,000	5,350
Narragansett El. Lt., d.....		7,500	12,750
Providence Gas.....		7,500	14,700
Consumers Pow., p.....		5,000	4,700
U. S. Steel Cp., p.....		5,000	5,500
Washburn Wire, p.....		5,000	5,750
B. & O. R. R., p.....		1,300	972
Providence Tl.....		1,500	3,000
Narragansett El. Ltd.....		2,500	3,750
Phoenix Nat. Bk., Providence.....		5,000	11,100
Totals.....		\$228,700	\$254,825

DIRECTORS: C. Prescott Knight, Arthur L. Kelley, Frank N. Phillips, Louis W. Downes, Albert H. Sayles, A. T. Vigneron, C. C. Hanch, Chas. A. Russell, Archer J. Smith, Henry S. Chase, Cyrus P. Brown.

TERRITORY COVERED: The company covers insurance in the U. S. and Canada but employs no agents.

BALTIMORE EQUITABLE SOCIETY OF BALTIMORE, MD., Baltimore, Md.†

Treasurer, Wilton Snowden; Secretary, H. E. Rawlings. Organized, 1794.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys's	Expenses	Total Expenditures	Losses Incurred
1914	\$1,345,705	\$522,023	\$823,037	\$4,758	\$78,630	\$11,614	.....	\$52,919	\$64,533	\$12,259
1913	1,330,538	531,119	799,130	4,324	89,954	3,150	.....	19,061	22,211	3,399
1912	1,350,698	538,782	820,876	4,611	98,025	5,678	.....	16,544	22,222	5,289

* Excluding perpetual deposits received and returned.

† Company does business on cash plan.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	102,438	Losses paid.....	\$845
Mortgage loans.....	106,000	Unearned prems.....	7,794
Bonds and stocks.....	1,068,328	Perp. dep. recl.....	514,229
Cash.....	4,804		
Other assets.....	64,137	Total liabilities.....	\$522,668
		Surplus.....	823,037
Total.....	\$1,345,705	Total.....	\$1,345,705

Fire risks in force Dec. 31, 1914, \$1,969,908; perpetual fire risks in force Dec. 31, \$16,965,783.

REAL ESTATE OWNED: Consists principally of office building valued at \$37,758, and ground rents in Baltimore valued at \$64,578.

MORTGAGE LOANS: There are 15 loans, amounting to \$104,000 on property situated in Baltimore, valued at \$235,800. The company holds \$105,000 of insurance on the buildings.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Aberdeen & Ashboro R.R., 1 m., 5%...	\$5,000	\$5,000	
Ala. Gt. So. R.R., 5%.....	10,000	10,200	
Atl. C. L. & S. C., 4%.....	25,000	23,500	
Atlanta & Charlotte.....	10,000	9,800	
Atl. Ca. St. Ry., 5%.....	24,000	25,200	
Atl. Gas Lt., 1 m., 5%.....	10,000	10,225	
B. & O. R.R., 3 1/2%.....	10,000	9,200	
Birmingham Ry. & El., 5%.....	22,000	22,550	
Buffalo & Swm. R.R., 1 m., ex., 5%.....	7,000	7,070	
Charleston Cy. Ry., 5%.....	10,000	10,350	
Charlotte El. Ry. L. & Pow., 1m., 5%.....	10,000	10,250	
Chas. Elec. Ry.....	5,000	5,000	
Chas. Rome & So. R.R., 5%.....	2,000	2,060	
Chi. Cy. Ry., 1 m., 5%.....	20,000	20,000	
Chi. R. I. & Pac. Ry., 1908, 4%.....	5,000	4,350	
Chi. & W. Ind. R.R., 4%.....	10,000	8,400	
Balto., 1916, 5%.....	37,100	37,471	
Balto., 1907, 4%.....	10,000	9,800	
Balto., 1900, 4%.....	20,000	19,600	
City & Suburban Ry., 5%.....	12,000	12,240	
Thomas, Wash., Cr. Riv. sp. wat. f., 1927-38, 5%.....	10,000	10,500	
Cole Spr. & Cripple Cr., Ry., 5%.....	5,000	5,000	
Columbus St. Ry., 1 m., 5%.....	5,000	5,000	
Ca. Gas, 5%.....	15,000	15,900	
Ca. Coal, r., 4 1/2%.....	10,000	9,100	
Easton Branch R.R., 5%.....	10,000	10,000	
Ga. Car & N. R.R.....	5,000	5,200	
Ga. R.R. & Bkg., 5%.....	10,000	10,100	
Ga. So. & Fla. R.R., 1 m., 5%.....	15,000	15,750	
Gr. Rapids Ry., 1 m., 5%.....	5,000	5,000	

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Knoxville To., 1 m., 5%.....	\$7,000	\$7,210	
L. & N. R.R., eq., 5%.....	5,000	5,100	
Mil. Gas Lt., 4%.....	10,000	9,100	
Mil. El. Lt. & Ry., ex. 5%.....	10,000	10,300	
Minn., Lyndale & M. Ry., 5%.....	5,000	5,060	
Minn. St. Ry. & St. P. C. Ry., ex., 5%.....	10,000	10,200	
M., St. P. & S. Ste. M. Ry., 4%.....	5,000	4,750	
N. Y. City.....	5,000	5,600	
N. Y., N. H. & H. cv., d., 6%.....	17,000	18,020	
No. Pac. Ry., 4%.....	10,000	9,500	
Portland Ry., 1 & r., 1930, 5%.....	10,000	10,100	
Rutland & Can. R.R., 4%.....	10,000	7,000	
Sav. Fla. & W. R.R., 5%.....	10,000	10,800	
St. J. Ry. Lt., Ht. & Pow., 5%.....	10,000	9,900	
St. Paul Cy. Ry., 5%.....	15,000	15,600	
Seattle El., 1 m., 5%.....	10,000	10,100	
So. Ry., 4% St. L. Div.....	10,000	8,700	
Md. State, 1925-27, 3 1/2%.....	41,000	39,060	
Md. State, 1926-27, 4%.....	15,000	15,000	
Md. State, 1928, 4% ex. l.n.....	6,000	6,000	
Md., 1928, 4% n. sc. l.n.....	50,000	50,000	
Md. State, 1928, 4% St. l.n.....	10,000	10,000	
Md. State, 1928, 4% 2 hcs. l.n.....	2,000	2,000	
Md. State, 1927, 4%.....	25,000	25,000	
Syracuse Gas, 1928, 5%.....	10,000	10,200	
T., St. L. & W. R.R., 3 1/2%.....	15,000	12,150	
Union Pac. R.R., 4%.....	15,000	14,550	
United Rys. Co., St. L., 4%.....	10,000	7,000	
United To., Albany, N. Y., 4 1/2%.....	10,000	9,200	
W. Md. R.R., 1 m., 1962, 4%.....	5,000	3,100	
Wil. & Weldon R.R., 4%.....	5,000	4,700	
Wil. & Weldon R.R., 5%.....	15,000	16,060	

STOCKS		Par Value.	Market Value.
Citizens Nat. Bk.....	6,000	25,800	
Farmers & Merch. Nat. Bk.....	4,320	5,319	
First Nat. Bk.....	17,700	26,550	
Mchts.-Mechs. Nat. Bk.....	10,000	30,000	
Nat. Bk. of Commerce.....	24,000	56,000	
Nat. Exchange Bk.....	40,000	65,200	
Nat. Marine Bk.....	10,060	13,400	
Nat. Union Bk.....	30,000	41,400	
Western Nat. Bk.....	8,800	16,390	
Mercantile Tr. & Deposit.....	15,000	55,500	
Mchts. & Miners Transp.....	63,800	19,140	
N. Y., N. H. & H. R.R.....	68,000	39,400	
Safe Deposit & Tr.....	1,000	6,200	

Totals (book value, \$1,073,321)..... \$1,012,770 \$1,110,811

MISCELLANEOUS: Conflagration loss: Baltimore, 1904, \$1,915,517. The company operates in Md. only.

BALTIMORE MUTUAL FIRE INSURANCE COMPANY, Baltimore, Md.

President, William H. Purcell; Secretary, George H. Stuart. Organized, 1885.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'ys's	Expenses	Total Expenditures	Losses Incurred
1914	\$174,496	\$103,545	\$63,210	\$133,933	*\$233,713	\$6,939	\$174,187	\$24,836	\$205,962	\$7,068
1913	121,063	83,150	45,700	151,565	158,701	5,832	128,462	22,438	156,732	5,930
1912	182,275	78,664	52,706	155,248	162,113	6,407	126,881	17,690	150,978	6,957

* Includes assets of Patapago and Maryland mutual companies, absorbed by this company.

BALTIMORE MUTUAL FIRE INSURANCE COMPANY, Baltimore, Md.—Cont.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$18,975	Losses unpaid.....	\$1,241
Bonds and stocks....	136,730	Unearned premiums.....	103,545
Cash.....	11,028	Other liabilities.....	16,500
Agents' balances.....	6,107	Total liabilities.....	\$121,286
Interest.....	1,656	Surplus.....	53,210
Total assets.....	\$174,496	Total.....	\$174,496

Net amount of members' liability, Dec. 31, \$1,008,541; underwriting profit, \$175,277; investment profit, \$3,445.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$23,221,377; premiums thereon, \$200,448.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,224,953; losses paid, \$490,291; dividends declared, \$2,238,403.

REAL ESTATE OWNED: Consists of lot 23 ft. by 124 ft. and the company's 1-story office building erected thereon. Total rents received last year, \$1,701; taxes and expenses, \$1,494.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
State Md., pub. blys., 1919-14, 3½%....		\$4,000	\$3,900
State Md., state rds., 1926-21, 3½%....		15,000	14,250
State Md., state loan, 1927-32, 4%....		15,000	15,000
Balto., Hartford Run, 1920, 4%....		3,000	2,985
Balto., Western Md. R.R., 1925, 4%....		4,000	3,960
Balto., wat. loan, 1926, 4%....		1,000	990
Balto., Western Md. R.R., 1927, 3½%....		5,000	4,025

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Balto., sr. imp., 1980, 3½%....		\$65,000	\$55,250
Mobile, Ala., wat. wks. & sr., 1939, 4½%....		10,000	9,850
Lake Roland El. Ry. Balto., 1 m., 1942, 5%....		5,000	5,275
United Ry. & El. Balto., t., 1936, 5%....		3,000	2,685

STOCKS.		Par Value.	Market Value.
Cs. Coal.....		20,000	18,800
Totals (book value, \$150,000).....		\$150,000	*\$136,940

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: The laws of Maryland do not require a reinsurance reserve of mutual fire insurance companies. The Baltimore Mutual, however, reports 50 per cent of its annual premiums in force and pro rata for all term risks as an unearned premium liability, thereby showing that amount less in its surplus to policyholders. Its 1913 and 1914 reserves are computed according to New York law.

DIRECTORS: John M. Geer, A. H. Twichell, B. B. Gossett, H. A. Ligon, W. S. Montgomery, David L. Luke, C. E. Falconer, J. Edwin Myers, Henry S. Zell, Wm. H. Grafflin, R. J. Hollingsworth, Summerfield Baldwin, Jr., Robert D. Hopkins, Wm. K. Cromwell, Ernst Schmeissen, Frederick P. Stief, Eli Oppenheim, Wm. H. Puredel, J. C. Plonk.

TERRITORY COVERED: The company is licensed in Md., Mich., N. Y., N. C., S. C. and Wis.

BARNSTABLE COUNTY MUTUAL FIRE INSURANCE COMPANY, Yarmouthport, Mass.

President, Alphonso L. Weeks; Secretary, John H. Clark. Organized, 1833.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$158,835	\$73,089	\$85,746	\$48,227	\$56,432	\$16,850	\$24,672	\$10,806	\$52,329	\$17,850
1913	154,393	70,481	80,678	45,034	52,201	11,418	22,454	10,307	44,179	11,308
1912	158,002	71,674	85,879	45,326	53,646	9,282	23,284	10,004	42,570	9,181

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$1,000	Losses unpaid.....	\$1,000
Bonds and stocks.....	147,034	Unearned premiums.....	72,089
Cash.....	8,996	Total liabilities.....	\$73,089
Interest and rents.....	1,805	Surplus.....	85,746
Total assets.....	\$158,835	Total.....	\$158,835

Underwriting profit, \$21,505; investment profit, \$3,182.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,402,336; premiums thereon, \$145,667.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,476,735; losses paid, \$409,882; dividends declared, cash, \$393,660.

REAL ESTATE OWNED: Consists of office building carried at book value.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
State of Mass., 1935, 3½%....		\$1,000	\$980
Waltham, Mass., 1918, 4½%....		1,000	1,010
Yarmouth, Mass., 1915, 5%....		500	500
Yarmouth, Mass., 1915, 4%....		1,000	1,000
Yarmouth, Mass., 1915, 5%....		2,000	2,000
Yarmouth, Mass., 1916, 5%....		1,500	1,515
Atch., T. & S. F. R.R., 1905, 4%....		1,000	980
Boston & Me. R.R., 1942, 4%....		9,000	5,780
Boston & Me. R.R., 1937, 4%....		3,000	1,980
Chi., B. & Q. R.R., 1949, 3½%....		1,000	850
Chi. & N. W. R.R., 1924, 6%....		1,000	1,020
Chi. & N. W. R.R., 1926, 4%....		5,000	4,800
Concord & Mont. R.R., 1920, 4%....		3,000	2,880
Fitchburg R.R., 1915, 4%....		4,000	4,000
Ill. Cent. R.R., 1950, 4%....		2,000	1,840
Lake Shore & M. S. R.R., 1928, 4%....		8,000	7,520
Lake Shore & M. S. R.R., 1931, 4%....		1,000	940
Lynn & Boston R.R., 1924, 5%....		1,000	1,030
N. Y., N. H. & H., 1954, 4%....		10,000	9,000
N. Y., N. H. & H. R.R., 1956, 3½%....		1,500	1,020
N. Y., N. H. & H. R.R., 1948, 6%....		1,000	1,060

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
N. Y. Cent. R.R., 1908, 3½%....		\$1,000	\$770
Ore. Short Line R.R., 1946, 5%....		1,000	1,080
Portland & Ogdensburg R.R., 1928, 4½%....		3,000	2,940
Boston Elev. St. R.R., 1937, 4½%....		1,000	920
Chi. Ry., 1927, 5%....		1,000	990
Omaha & Council Bluffs, 1928, 5%....		2,000	1,940
West End St., 1917, 4%....		3,000	2,940
West End St., 1944, 5%....		3,000	3,120
Worcester Con St., 1930, 4½%....		6,000	5,700
Worcester Con St., 1927, 5%....		4,000	4,000
Amer. Agric. Chem., 1928, 5%....		4,000	4,040
Amer. Tl., 1929, 4%....		4,000	3,580
Chi. Je. & U. S. Yards, 1915, 5%....		2,000	2,000
Laconia Gas & El., 1940, 5%....		4,000	3,960
Puget Sd. Tc. Lt. & Pow., 1919, 6%....		2,000	2,020
Swift & Co., 1944, 5%....		2,000	1,920
Terminal R.R. Assn., St. L., 1939, 4½%....		2,000	3,000
United Fruit, 1917, 6%....		2,000	2,020
United Tc. & El., 1933, 5%....		5,000	5,000
Western Tl., 1932, 5%....		4,000	3,890

STOCKS.		Par Value.	Market Value.
Chi. & Nwn. R.R.		1,200	1,596
N. Y., N. H. & H. R.R.		2,400	1,320
Old Colony R.R.		7,000	10,500
So. Pac. R.R.		1,000	960
Un. Pac. R.R., c.		3,000	3,840
Un. Pac. R.R., p.		800	664
West End St. R.R., p.		1,000	1,770
West End St. R.R., c.		1,500	1,995
Falmouth Nat. Bk.		1,000	1,070
1st Nat. Bk., Hyannis		1,000	1,680
1st Nat. Bk., Boston		1,100	4,562
1st Nat. Bk., Yarmouth		900	1,197
Mchts. Nat. Bk., Boston		1,000	3,130
Nat. Shawmut Bk., Boston		1,700	3,485
Mass. R. E.		5,000	1,500
Totals.....		\$145,100	\$147,034

TERRITORY COVERED: Mass. only.

BERKSHIRE MUTUAL FIRE INSURANCE COMPANY, Pittsfield, Mass.

President, Henry R. Pearson; Vice-President and Treasurer, J. M. Stevenson; Secretary, Robert A. Barbour. Organised, 1835.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$234,444	\$150,212	\$70,823	\$121,956	\$132,048	\$65,934	\$24,952	\$37,015	\$127,901	\$68,196
1913	226,207	130,719	88,523	104,236	114,275	33,510	23,214	30,911	92,635	37,835
1912	221,059	121,353	93,825	92,169	101,903	45,855	22,117	29,175	97,147	45,818

Assets, Dec. 31, 1914.

Mortgage loans.....	\$12,300
Bonds and stocks.....	194,180
Cash.....	10,232
Agents' balances.....	16,217
Interest.....	1,515
Total assets.....	\$234,444

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$6,262
Unearned prems.....	150,212
Other liabilities.....	7,147
Total liabilities.....	\$163,621
Surplus.....	70,823
Total.....	\$234,444

Net amount of members' liability, Dec. 31, \$309,444; underwriting loss, \$4,770; investment profit, \$12,023.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,742,965; premiums thereon, \$291,267.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,708,331; losses paid, \$690,677; dividends declared, cash, \$541,839.

MORTGAGE LOAN: There is one loan of \$11,300 on property valued at \$19,500, and one of \$1,000 on property valued at \$2,500. The company holds \$12,400 of insurance on the buildings.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Geneva, N. Y., special, 1924, 4 1/2%.....	\$10,000	\$10,200
Lackawanna, N. Y., rd. imp., 1895-6, 5%.....	10,000	11,150
Lynn, Mass., sc. loan, 1916, 4%.....	5,000	5,000
New Bedford, pub. bds., 1920, 3 1/2%.....	5,000	4,850
New Rochelle, N. Y., reg., 1917, 5%.....	5,000	5,100
Pittsfield, Mass., sr. loan, 1924, 3 1/2%.....	1,000	950
Salem, Mass., sr. loan, 1923-6, 3 1/2%.....	3,000	2,860
Salem, Mass., sr. loan, 1925, 4%.....	1,500	1,485
Taunton, Mass., sr. loan, 1927, 4%.....	5,000	5,000
Bos. & Alb., 1903, 5%.....	5,000	5,500
Bos. & O., pr. ln., 1925, 3 1/2%.....	5,000	4,900
Bos. & Maine, 1944, 4 1/2%.....	5,000	3,450
Chi. Burl. & Q., Ill. Div., 1949, 3 1/2%.....	5,000	4,250
Chi. R. I. & Pac., 1 r. m., 1924, 4%.....	5,000	3,600

BONDS AND STOCKS OWNED—Cont.

Bonds.—Cont.	Par Value.	Market Value.
C., St. P., M. & O., 1930, 5%.....	\$2,000	\$2,040
Grnd. & Turn. Falls St. Ry., 1916-23, 5%.....	5,500	5,485
No. Maine Seaport R. R., 1 m., 1935, 5%.....	5,000	4,500
Portland Trm., 1961, 4%.....	3,000	2,610
St. P. & Sioux Cy. R.R., 1 m., 1919, 6%.....	1,000	1,070
United Tc. & El. Prov., 1 m., 1933, 5%.....	5,000	5,000
Vermont Val. R. R., 1940, 4 1/2%.....	5,000	4,750
Worcester Cs. St. Ry., d., 1927, 5%.....	5,000	5,000
Adams Express, col. tr., 1947, 4%.....	10,000	7,500
Am. Tl. & Tg., 1933, 4 1/2%.....	3,000	2,970
Amer. Tl. & Tg., col. tr., 1929, 4%.....	10,000	8,900
Binghamton L. H. & P., 1 r. m., 1942, 5%.....	2,000	1,980

Stocks.

Stocks.	Par Value.	Market Value.
B. & O., p.....	1,000	810
Chi. & Nwn.....	5,000	6,000
Chi. St. P., Minn. & Omaha.....	5,000	6,550
N. Y. C. & H. R.....	8,000	7,200
Pennsylvania.....	6,000	6,715
Agricultural Nat. Bk., Pittsfield, Mass.....	1,000	3,250
First Nat. Bk., Adams, Mass.....	1,000	1,000
Lee Nat. Bk., Mass.....	800	1,485
Lenox Nat. Bk., Mass.....	1,000	1,000
North Adams, Mass., Nat. Bk.....	1,000	1,100
Pittsfield Nat. Bk., Mass.....	5,800	10,440
Third Nat. Bk., Pittsfield, Mass.....	1,200	2,820
Adams Express.....	10,000	10,000
Amer. Tl. & Tg.....	12,000	14,760

Totals (book value, \$204,852)..... \$185,950 \$194,180

MISCELLANEOUS: Conflagration losses: Chelsea, 1908, \$4,800; Salem, 1914, \$5,000.

FIELD MEN AND TERRITORY COVERED: Chas. F. Reid, Jr., Pittsfield, Mass. is special agent for entire field. The company is licensed in Mass., Conn., Me., N. H., N. Y., Pa., R. I. and Vt.

BLACKSTONE MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.

President and Treasurer, W. B. McBee; Vice-President and Secretary, Ernest W. Brown; Assistant Secretary, Howard I. Lee. Organised, 1863.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$1,139,787	\$667,311	\$453,895	\$722,487	\$778,906	\$185,890	\$567,415	\$68,955	\$832,280	\$301,102
1913	1,206,578	559,896	633,883	590,664	647,733	97,870	483,198	72,704	653,772	97,140
1912	1,306,050	593,346	693,723	754,793	820,724	36,669	635,795	96,005	786,469	40,927

Assets, Dec. 31, 1914.

Bonds and stocks.....	\$1,057,533
Cash.....	50,827
Agents' balances.....	28,537
Interest.....	2,890
Total assets.....	\$1,139,787

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$10,290
Unearned prems.....	667,311
Other liabilities.....	8,291
Total liabilities.....	\$685,892
Surplus.....	453,895
Total.....	\$1,139,787

Net amount of members' liability, Dec. 31, \$6,145,496; underwriting profit, \$348,503; investment profit, \$38,925.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$167,264,694; premiums thereon, \$1,229,099.

BUSINESS SINCE ORGANIZATION: Premiums received, \$15,461,647; losses paid, \$1,939,958; dividends declared, cash, \$11,749,908.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
U. S. Gov., reg., 1925, 4%.....	\$46,000	\$51,060
Rhode Island, g., reg., 1924, 3 1/2%.....	60,000	57,600
Rhode Island, bwy., reg., 1926, 3%.....	15,000	12,900

BONDS AND STOCKS OWNED—Cont.

Bonds.—Cont.	Par Value.	Market Value.
C., M. & St. P. Ry., cp., 1932, 4 1/2%.....	\$2,100	\$2,142
Amer. Tl. & Tg., cp., 1933, 4 1/2%.....	5,600	5,544
Milwaukee El. Ry. & Lt., cp., 1951, 5%.....	25,000	23,250
Pawtucket El., cp., 1938, 5%.....	22,000	21,560
United El., N. J., cp., 1949, 4%.....	15,000	12,150
Watertown Lt. & Pw., cp., 1959, 5%.....	25,000	24,500

Stocks.

Stocks.	Par Value.	Market Value.
Albany & Sus. R.R.....	6,000	15,900
Beech Creek R.R.....	5,450	4,905
Canada So. Ry.....	35,000	21,700
Cay. & Susq. R.R.....	7,920	15,444
Chi. & E. Ill. R.R., eq. tr. of.....	25,000	.....
Chi., Mil. & St. P. Ry., p.....	10,000	13,400
Chi., Mil. & St. P. Ry., c.....	25,000	24,750
Chi. & Nwn. Ry.....	50,600	67,298
C., C. & St. L. Ry., p.....	20,000	10,000
C., C. & St. L. Ry., c.....	4,000	1,200
C. & P. R.R.....	11,500	19,090
Conn. & Passum. Riv. R.R., p.....	30,000	30,600
D., H. & Swn. R.R.....	11,000	9,900
Erie & Pitt. R.R.....	5,000	6,650

BLACKSTONE MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.—Cont.

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
STOCKS.—Cont.			
Gt. No. Ry., p.	25,000	\$31,000	
Hereford Ry.	15,000	7,500	
Ill. Central R.R.	42,000	47,040	
Ill. Central R.R., 1 line	40,000	34,000	
Joliet & Chi. R.R.	20,000	27,000	
Lackawanna R.R., N. J.	35,000	33,600	
Mahoning Coal R.R., p.	5,500	5,665	
Manhattan Ry.	25,000	33,250	
M., St. P. & S.S. M. Ry., 1 line	20,000	16,200	
Morris & Essex R.R.	20,000	34,200	
N. Y., L. & W. Ry.	40,000	46,400	
No. Pac. Ry.	20,000	22,300	
Pa. R.R.	71,500	79,365	
P. B. & L. E. R.R., p.	10,000	12,500	
P. B. & L. E. R.R., c.	25,000	15,500	
P. Ft. W. & C. R.R.	24,500	40,180	
R. & S. R.R.	17,500	31,500	

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
STOCKS.—Cont.			
St. L. Bg., 1 p.	15,000	\$15,000	\$16,500
St. L. Bg., 2 p.	15,000	7,500	7,950
Upper Coos R.R.	5,000	5,000	5,480
Ann. Tl. & Tg., Boston, Mass.	28,000	34,440	
G. & Sth. Tg. Co., N. Y.	5,000	5,800	
Prov. Bg., R. I.	25,000	18,750	
Totals (book value, \$1,138,345)		\$1,011,170	\$1,057,533

MISCELLANEOUS: Figures on Rhode Island standard.

DIRECTORS: Charles H. Merriman, George M. Smith, C. Prescott Knight, Royal C. Taft, Jr., William B. McBe, Charles H. Merriman, Jr., Arthur L. Kelley, Lewis W. Parker, Henry L. Tiffany, Charles E. Patterson, Geo. H. Wilcox, Sir Lyman M. Jones, H. A. Higgins, Chas. H. Newell.

BOHEMIAN MUTUAL FIRE INSURANCE COMPANY, Chicago, Ill.

President, John F. Lalla; Secretary, Gustav Klima. Organized, 1906.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$16,756	\$5,505	\$11,151	4,293	\$5,042	\$65	\$1,690	\$1,776	\$3,531	\$65

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans	\$15,700	Unearned prems.	\$5,505
Cash	587	Other liabilities	100
Agents' balances	123		
Interest and rents	346	Total liabilities	\$5,605
		Surplus	11,151
Total assets	\$16,756	Total	\$16,756

Net amount of members' liability, Dec. 31, \$36,000. Underwriting profit, \$1,236; investment profit, \$864.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$675,825; premiums thereon, \$9,332.

BUSINESS SINCE ORGANIZATION: Premiums received, \$30,348; losses paid, \$2,637; dividends declared, cash, \$3,675.

MORTGAGE LOANS: There are 12 loans all located in the town of West Chicago, Ill., aggregating \$15,700 on property valued at \$68,500 on which the company holds \$33,800 of insurance. On Dec. 31, last, there was \$42 of interest overdue.

TERRITORY COVERED: Ill. only.

BOHEMIAN KOSSUTH MUTUAL FIRE INSURANCE CO., Kossuth, Wis.

President, Mates Weber; Secretary, Adolph Skarievoda, Whitelaw, Wis. Organized, 1871.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$47,168		\$47,168	\$11,363	\$13,164	\$8,269		\$538	\$9,807	\$8,269
1913	43,811		43,811	8,438	10,142	6,109		1,551	7,660	6,109
1912	41,332		41,331	7,298	9,140	8,973		1,325	10,298	8,973

ASSETS, DEC. 31, 1914: Mortgage loans, \$47,000; cash, \$168; total assets, \$47,168. No liabilities.

Fire risks in force, December 31, \$4,088,684. Losses paid since organization, \$102,113.

BOSTON MANUFACTURERS MUTUAL FIRE INSURANCE COMPANY, Boston, Mass.

President, Joseph P. Gray; Vice-President and Engineer, L. H. Kunhardt; Secretary, H. Dwight Hall; Treasurer, John B. Seward. Organized, 1850.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$3,444,561	\$1,401,560	\$681,056	\$1,502,740	\$1,616,890	\$828,569	\$1,123,397	\$136,078	\$2,068,044	\$823,963
1913	2,560,073	1,486,207	1,048,718	1,225,578	1,335,124	301,063	1,424,164	161,729	1,886,946	310,594
1912	2,722,099	1,402,405	1,283,133	2,217,000	2,326,481	53,700	1,946,312	179,690	2,209,702	87,664

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds	\$2,300,440	Losses unpaid	\$12,384
Cash	42,349	Unearned prems.	1,401,560
Outstanding prems.	51,404	Bills payable	337,934
Interest	37,201	Other liabilities	11,627
		Total liabilities	\$1,763,505
		Surplus	667,789
Total assets	\$3,431,394	Total	\$3,431,294

Net amount of members' liability, Dec. 31, \$14,011,816; underwriting profit, \$625,111; investment profit, \$120,624.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$392,776,078; premiums thereon, \$2,808,363.

BUSINESS SINCE ORGANIZATION: Premiums received, \$45,945,896; losses paid, \$6,287,648; dividends declared, \$35,934,013.

BONDS OWNED:		Par Value.	Market Value.
Commonwealth of Mass., 1935-38, 3 1/2%	\$300,000	\$300,000	\$185,650
Commonwealth of Mass., 1927-41-59, 3%	100,000	100,000	86,100
N. Y. canal l., 1901, 4%	50,000	50,000	51,000
N. Y. hwy. imp., 1903, 4 1/2%	50,000	50,000	55,000
Bos. & Albany R.R., 1902, 3 1/2%	50,000	50,000	41,000

BOSTON MANUFACTURERS MUTUAL FIRE INS. CO., Boston, Mass.—Cont.

BONDS OWNED.—Cont.		Par Value.	Market Value.	BONDS OWNED.—Cont.		Par Value.	Market Value.
Bos. & Albany R.R., 1963, 3%.....		\$60,000	\$66,000	N.Y., N.H. & H. R.R., 1947, 3½%.....		\$20,000	\$14,000
Boston Elev. Ry., 1937, 4½%.....		50,000	46,000	N.Y., N.H. & H. R.R., cv., 1948, 6%.....		50,000	53,000
Bos. & Lowell R.R., 1916, 4%.....		50,000	49,500	N. Y., P. & N. R.R., 1939, 4%.....		35,000	33,250
Bos. & Me. R.R., 1944, 4½%.....		50,000	44,500	N. Y., W. & B. R.R., 1946, 4½%.....		50,000	35,000
Bos. & Me. R.R., 1926, 4%.....		50,000	38,500	No. Pac. Gt. N. (C.B. & Q.) jt., 1921, 4%.....		50,000	48,500
Bos. & N. Y. Air Line, 1955, 4%.....		35,000	30,100	Old Colony R.R., 1924-38, 4%.....		100,000	93,000
Central New Eng. Ry., 1961, 4%.....		30,000	23,100	Pa. gr., 1921, 4½%.....		30,000	30,000
C. B. & Q. R.R., gm. m., 1958, 4%.....		50,000	47,000	Pa. gr. tr. cv., 1952, 4%.....		30,000	27,900
C. M. & St. P. R.R., d., 1934, 4%.....		25,000	23,000	Pa. R.R., A. Val. Ry., 1 m., 1942, 4%.....		50,000	48,500
C. M. & St. P. R.R., gm. m., 1989, 4%.....		25,000	24,000	R. W. & O. R.R., 1922, 5%.....		50,000	52,500
Chi. & Nwn. Ry., gm. m., 1987, 4%.....		40,000	38,000	St. P., M. & M. Ry., 1933, 4%.....		75,000	74,250
Chi. & W. Ind. R.R., 1952, 4%.....		50,000	42,000	Tm. Ry. Assn., St. L., 1953, 4%.....		50,000	44,000
Concord & Mont. R.R., 1920, 4%.....		25,000	24,000	Un. N. J. R.R. & canal, 1944, 4%.....		50,000	49,500
Del. & Hud., r. m., 1943, 4%.....		50,000	49,000	West Shore R.R., 2361, 4%.....		50,000	46,500
Del. & Hud., cv., 1916, 4%.....		30,000	29,700	Amer. Tl. & Tg., 1929, 4%.....		130,000	115,700
Det. Tm. Tun. I. & guar., 1961, 4½%.....		30,000	27,900	New Eng. Nav. col. n., 1917, 6%.....		40,000	38,000
Dutchess Co. R.R., 1920, 4½%.....		42,000	40,740				
Fitchburg R.R., 1921, 3½%.....		65,000	59,800				
Ill. C. R.R., col. tr., 1952, 4%.....		30,000	27,000				
Ill. C. R.R., r. m., 1955, 4%.....		50,000	46,000				
L. I. R.R., r. m., 1949, 4%.....		50,000	45,500				
Mich. C. R.R., 1 m., Gd. Ry., 1959, 4%.....		25,000	21,250				
Mich. C. R.R., 1 m., & No. Ind., 1957, 4%.....		50,000	42,500				
M. & N. W. R.R., 1947, 4%.....		40,000	36,800				
N.Y.C. & H.R. R.R., d., 1934, 4%.....		80,000	72,000				
N.Y.C. & H.R., L. Sh., 1998, 3½%.....		120,000	93,600				

Totals (book value, \$2,440,004).....

\$2,512,000

\$2,300,440

MISCELLANEOUS: Company suffered no loss by San Francisco conflagration, 1906.

DIRECTORS: Frederic Amory, Howard Stockton, Jonathan Chase, William H. Bent, Arthur T. Lyman, Simeon B. Chase, Theophilus Parsons, Edward T. Pierce, Joseph P. Gray, Edwin F. Greene, Charles B. Rogers, Frederic C. McDuffie, William Amory.

BREMEN FARMERS MUTUAL INSURANCE COMPANY, Bremen, Kan.

President, W. Rube; Secretary, Fred H. Pralle. Organized, 1888.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'r's	Expenses	Total Expenditures	Losses Incurred
1914	\$30,940	\$10,795	\$20,145	\$4,887	\$5,880	\$3,644		\$1,580	\$4,224	\$2,644
1913	29,284	9,942	19,342	5,682	7,052	1,327		1,682	3,009	
1912	25,241	18,916	16,146	3,618	4,839	1,113		1,121	2,234	

ASSETS, DEC. 31, 1914: Mortgage loans, \$15,200; cash, \$6,254; notes due, \$2,950; other assets, ctds. of deposit, \$7,536. total assets, \$30,940. No liabilities.

Fire risks in force, December 31, \$1,955,579; tornado risks in force, \$743,078.

MORTGAGE LOANS: There are 6 loans for \$15,200 protected by Kansas improved real estate, valued at more than double the amount loaned thereon.

TERRITORY COVERED: Kan. only.

BROWN COUNTY FARMERS MUTUAL INSURANCE COMPANY, Morrill, Kan.

President, G. W. Williams; Secretary, G. Keplinger. Organized, 1889.

On December 31, 1914, company had \$30,761 assets, \$16,100 of which consisted of mortgage loans on first-class property, cash \$11,161, real estate, \$3,500; liabilities, \$438; net surplus, including premium reserve, \$30,322. During the year it received \$24,638 in premiums; total income, \$26,394; losses paid, \$31,827; expenses, \$9,012; total expenditures, \$30,839. Fire risks in force, Dec. 31, 1914, \$11,568,661.

REAL ESTATE OWNED: The company owns its home office building valued at \$3,500.

MORTGAGE LOANS: There are 6 loans aggregating \$16,100 on Kansas property valued at \$69,000.

BUCKS COUNTY CONTRIBUTIONSHIP FOR INSURING HOUSES AND OTHER BUILDINGS FROM LOSS BY FIRE, Morrisville, Pa.

President, Thomas C. Knowles; Secretary, William Balderston. Organized, 1811.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'r's	Expenses	Total Expenditures	Losses Incurred
1914	\$597,312	\$369,232	\$528,080	\$6,899	\$33,531	\$463	\$3,765	\$6,656	\$15,884	\$463
1913	579,800	108,935	510,865	6,804	33,852	2,882	5,867	9,211	17,953	2,882
1912	547,602	169,364	478,238	7,797	\$4,388	841	6,838	5,055	15,868	841

† Deposits of members.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$409,066	Perp. dep. real.....	\$69,232
Bonds and stocks.....	149,286		
Collateral loans.....	19,063	Total liabilities.....	\$69,232
Cash.....	10,118	Surplus.....	528,080
Interest.....	9,659		

Total assets..... \$597,312

Total..... \$597,312

Perpetual fire risks in force Dec. 31 \$2,148,625.

MORTGAGE LOANS: These aggregate \$409,066, and are protected by improved real estate in Pennsylvania valued in each instance at more than double the amount loaned.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Trenton City.....	\$6,160	\$7,000
N. Y. & N. J., wat.....	8,000	8,000
Clear Spring, wat.....	5,000	5,100

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.		Par Value.	Market Value.
Muney, wat.....		\$2,500	\$2,500
Cananacto, wat.....		5,000	5,000
Citizens, wat.....		12,000	12,000
Kearns, L. & R.....		1,000	1,000
Yardley Bridge.....		10,000	10,000
Elizabeth River R. R.....		5,000	5,000
Doylestown, sew.....		4,000	3,000

STOCKS.

Penna. R. R.....	18,150	19,965
Phila. & Trenton R. R.....	5,000	12,500
United R. R. of N. J.....	5,000	12,500
Mechanics Natl. Bk.....	5,550	26,196
First Natl. Bk.....	11,160	18,315
Yardley Natl. Bk.....	800	810
Estate of Michael Gibbon.....	3,000	3,000

Totals (book value, \$104,104).....

\$107,060

\$149,386

BURLINGTON COUNTY ASSOCIATION FOR INSURANCE, Medford, N. J.

President, John E. Darnell; Secretary, Henry P. Thorn. Organized, 1821.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'yh's	Expenses	Total Expenditures	Losses Incurred
1914	\$7,729	\$38,034	\$-30,838	\$4,269	\$14,034	\$7,066	.....	\$1,011	\$8,078	\$7,066
1913	1,563	42,236	-41,206	5,025	6,402	12,222	.....	957	13,179	11,532
1912	8,785	46,259	-39,218	5,261	6,159	10,333	.....	1,133	11,466	10,823

— Excess of liabilities.

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Cash.....	\$5,821		Unearned prems.....	\$38,034	
Balances.....	529		Other liabilities.....	833	
Other assets.....	379				
			Total liabilities.....	\$38,867	
			Excess of liab.....	30,838	
Total assets.....	\$7,729		Total.....	\$7,729	

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,419,981; premiums thereon, \$76,068.

MISCELLANEOUS: This company takes no premium notes. Policies are subject to assessment, but the law does not permit one assessment to exceed 1% of the amount of insurance. Assessment in 1914 of 12½% of amount of premium.

BURLINGTON MUTUAL FIRE INSURANCE COMPANY, Burlington, Vt.†

President, Chauncey W. Brownell; Secretary, E. W. J. Hawkins. Organized, 1907.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'yh's	Expenses	Total Expenditures	Losses Incurred
1914	\$27,729	\$1,949	\$8,632	\$19,982	\$20,634	\$11,560	\$700	\$4,622	\$16,982	\$14,163
1913	22,496	1,002	\$9,434	13,777	23,062	8,596	7700	4,466	13,761	9,095
1912	19,725	981	\$8,481	10,552	19,104	10,068	7700	3,218	13,986	10,065

‡ Statements as of July 31.

* Includes \$10,000 guarantee fund paid up.

† Dividend on guarantee fund.

ASSETS, JULY 31, 1914.			LIABILITIES, JULY 31, 1914.		
Mortgage loans.....	\$9,185		Losses unpaid.....	\$2,066	
Cash.....	10,026		Unearned prems.....	1,949	
Agents' balances.....	1,486		Borrowed money.....	12,514	
Assessments due.....	16,092		Other liabilities.....	1,568	
			Divs. unpaid.....	700	
			Total liabilities.....	\$19,097	
			Surplus.....	8,632	
Total assets.....	\$27,729		Total.....	\$27,729	

BUSINESS SINCE ORGANIZATION: Premiums received, \$72,803; losses paid, \$44,818; stock, \$4,200.

MORTGAGE LOANS: These loans aggregate \$9,185, and are protected by improved real estate valued at more than double the amount loaned.

MISCELLANEOUS: This company was chartered by the Vermont State legislature in 1906, to transact a mutual fire insurance business with a guarantee fund of \$10,000, and commenced business June 1, 1907. Operates in Vt. only.

Net amount of members' liability, July 31, \$351,708.

BUSINESS MENS MUTUAL FIRE INSURANCE COMPANY, Towanda, Pa.

President, J. Andrew Wilt; Secretary, G. T. Ingham. Organized, 1907.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'yh's	Expenses	Total Expenditures	Losses Incurred
1914	\$15,393	.....	\$12,918	\$12,566	\$13,128	\$5,750	\$254	\$5,590	\$11,594	\$5,750
1913	12,301	.....	12,751	9,845	11,078	7,157	1,847	3,162	12,166	7,157
1912	14,231	.....	14,098	7,431	8,945	6,408	1,145	2,920	9,473	5,406

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
El. R. R. bonds.....	\$7,000		Losses unpaid.....	\$2,175	
Cash.....	6,958		Other liabilities.....	200	
Agents' balances.....	1,435				
			Total liabilities.....	\$2,375	
			Surplus.....	13,018	
Total assets.....	\$15,393		Total.....	\$15,393	

RISKS AND PREMIUMS: Fire risks in force, December 31 \$1,553,236; premiums thereon, \$18,526.

LOSSES PAID SINCE ORGANIZATION, \$28,165.

MISCELLANEOUS: The company operates in Pa. only.

CALUMET MUTUAL FIRE INSURANCE COMPANY, Calumet, Mich.

President, John R. Ryan; Secretary, Ole Olson. Organized, 1906.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'yh's	Expenses	Total Expenditures	Losses Incurred
1914	\$31,866	.....	\$31,866	\$10,006	\$11,218	\$620	\$1,896	\$2,719	\$5,325	\$620
1913	26,173	.....	26,173	9,651	10,545	1,347	2,074	2,434	5,855	1,327
1912	22,372	.....	22,372	9,604	10,677	1,382	.....	6,135	7,517	.....

ASSETS, DEC. 31, 1914: Certificates of deposit, \$13,200; bldg. and loan, \$4,026; bonds, \$10,000; bills receivable, \$2,000; cash, \$2,641; interest, \$495; uncollected premiums, \$126; total, \$31,866.

Fire risks in force, December 31, \$771,160.

CAMBRIDGE MUTUAL FIRE INSURANCE COMPANY, Andover, Mass.

President, Burton S. Flagg; Secretary, Frederic G. Moore. Organized, 1833.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$44,399	\$39,281	\$13,632	\$27,916	\$30,187	\$17,763	\$3,600	\$6,907	\$31,270	\$18,000
1913	44,635	26,527	17,007	24,116	33,636	12,537	4,531	17,571	34,639	12,537
1912	45,765	25,324	14,213	23,106	32,429	15,731	2,677	8,972	27,380	19,154

ASSETS, DEC. 31, 1914.

Real estate	\$2,000
Bonds and stocks	36,960
Cash	607
Agents' balances	4,105
Interest and rents	367

LIABILITIES, DEC. 31, 1914.

Losses unpaid	\$661
Unearned premiums	29,281
Other liabilities	825
Total liabilities	\$30,767
Surplus	13,632

Total assets.....\$44,399 Total.....\$44,399

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,206,529; losses paid, \$965,750; dividends declared, cash, \$879,838.**REAL ESTATE OWNED:** Consists of 6019 sq. ft. land, 137 Oxford st., and one-half of a 2-story dwelling house. Mortgage, \$5,000.

BONDS OWNED.	Value.	Market Value.
Akron, Ohio	\$1,000	\$1,000
Brainerd Manor, N. Y.	1,000	1,011
Cleveland, Ohio	2,000	1,988
Kansas City, Mo.	2,000	2,020
Leominster, Mass.	3,000	2,910
Madison, Wis.	2,000	2,000
Milwaukee, Wis.	1,000	1,010

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Minneapolis, Minn.	\$1,000	\$960
Omaha, Neb.	2,000	1,980
San Diego, Cal.	2,000	2,020
San Francisco, Cal.	2,000	2,040
Boston & Albany R. R.	1,000	910
Boston & Lowell R. R.	2,000	1,840
Chicago & Nwn. R. R.	2,000	1,840
Chicago Ry.	1,000	970
Old Colony R. R.	2,000	1,860
Am. Tl. & Tg.	2,000	1,720
Det. Edison Co.	2,000	2,000
N. E. Tel. & Tg.	3,000	3,000
Portland Gen. El. Co.	3,000	3,000

Totals (book value, \$36,592).....\$37,000 \$36,960

MISCELLANEOUS: This company reinsured its outstanding policies in the Royal of Liverpool in May, 1908, and in 1909 resumed business. Conflagration losses: Chelsea, 1908, \$70,000. Its home office was moved from Cambridge in 1912. The company operates in Mass. only.**CAMPBELLSPORT MUTUAL FIRE INS. CO., Campbellsport, Wis.**

President, O. G. Hendricks; Secretary, H. A. Wrucka. Organized, 1896.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$39,222	.....	\$37,941	\$28,089	\$39,725	\$8,974	.....	\$13,099	\$32,073	\$8,974
1913	31,675	.....	29,675	28,213	29,695	10,716	.....	12,038	23,266	11,368
1912	25,090	.....	22,665	27,228	29,246	16,672	.....	12,458	28,193	17,597

ASSETS, DEC. 31, 1914: Real estate, \$5,091; mortgage loans, \$22,660; cash, \$9,310; agents' balances, \$940; interest and rents, \$222; total assets, \$39,222. Liabilities: Losses unpaid, \$1,382.

Fire risks in force, December 31, \$4,947,544.

BUSINESS SINCE ORGANIZATION: Insurance written, \$4,115,551; losses paid, \$149,674.**REAL ESTATE OWNED:** Company's home office building and site.**MORTGAGE LOANS:** These loans aggregate \$23,650 and are protected by farm property valued at nearly three times the amount loaned. Company holds \$3,500 of insurance on the buildings.**TERRITORY COVERED:** Wis. only.**CANTWELL MUTUAL INSURANCE COMPANY, Odessa, Del.**

President, Daniel W. Corbit; Secretary and Treasurer, Joseph G. Brown. Organized, 1849.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$58,474	.....	\$57,194	\$5,578	\$8,758	\$4,108	.....	\$7,554	\$11,662	\$4,108
1913	\$9,475	.....	\$7,711	5,513	10,401	3,186	.....	3,019	10,401	.....
1912	60,170	.....	59,210	.....	.....	.....	.....	.....	.....	.....

† Complete statistics for 1912 not received.

ASSETS, DEC. 31, 1914: Mortgage loans, \$20,000; bonds and stocks, \$37,503; other assets, \$971; total assets, \$58,474. Liabilities: Borrowed money, \$1,904.**MORTGAGE LOANS:** These loans aggregate \$20,000 on improved city and farm property, valued at double the amount loaned thereon.**TERRITORY COVERED:** Del. only.**CATSKILL MOUNTAIN FIRE INSURANCE COMPANY OF GREENE COUNTY, Greenville, N. Y.**

President, Richard Earl; Secretary, O. C. Stevens. Organized, 1907.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$23,224	\$7,180	\$14,026	\$12,042	\$12,663	\$3,689	.....	\$3,522	\$7,511	.....
1913	16,938	6,066	9,655	9,787	10,266	4,662	.....	3,178	7,837	.....

ASSETS, DEC. 31, 1914: Gtd. mortgage loans, \$1,500; bonds and stocks, \$11,370; cash, \$7,107; agents' balances, \$1,986; interest, \$261; total assets, \$23,224. Liabilities, Dec. 31, 1914: Losses unpaid, \$1,018; unearned premiums, \$7,180; other liabilities, \$20; total liabilities, \$8,198; surplus, \$14,026; total, \$23,224.

Fire risks in force, December 31, \$1,814,668; premiums thereon, \$17,239.

BONDS OWNED:	Value.	Market Value.
N. Y. Cy., 1917, 4½%	\$2,000	\$2,020
Va. Ry. Fov. Co., 1924, 5%	1,000	920
So. Pac., 1955, 4%	1,000	920
Ore. S. L., 1929, 4%	2,000	1,840

BONDS OWNED.—Cont.

	Par Value.	Market Value.
C., R. I. & P., 1934, 4%	\$1,000	\$720
Can. So., 1962, 5%	1,000	1,060
B. & O., cv., 1933, 4½%	1,000	920
B. & O., eq., 1921, 4½%	2,000	2,000
Tri-City Ry. & L. Co., 1923, 5%	1,000	970

Totals (book value, \$11,604).....\$12,000 \$11,370

CENTRAL MANUFACTURERS MUTUAL INSURANCE COMPANY, Van Wert, O.

President, H. V. Olney; Secretary and Treasurer, C. A. L. Furmort. Organised, 1876.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$709,759	\$257,998	\$410,255	\$468,729	\$491,811	\$196,163	\$75,132	\$122,113	\$393,408	\$300,589
1913	637,839	218,279	391,734	411,382	434,211	243,514	70,921	110,031	424,466	230,920
1912	630,111	201,579	393,854	388,550	409,367	192,875	66,276	100,495	359,646	194,770

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$40,000	Losses unpaid.....	\$19,666
Mortgage loans.....	114,075	Unearned prem.....	257,998
Bonds.....	431,353	Other liabilities.....	21,840
Cash.....	36,039		
Agents' balances.....	82,422	Total liabilities.....	\$299,504
Interest.....	5,870	Surplus.....	410,255
Total assets.....	\$709,759	Total.....	\$709,759

Net amount of members' liability, Dec. 31, \$1,016,755; underwriting profit, \$100,730; investment profit, \$20,162.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$39,842,739; premiums thereon, \$503,103.

BUSINESS SINCE ORGANIZATION: Premiums received, \$5,404,029; losses paid, \$2,694,963; dividends declared, cash, \$519,184.

REAL ESTATE OWNED: Consists of company's home office building, which cost \$55,365, carried at book value, \$40,000. Net income in 1912, \$2,234; in 1913, \$2,196; in 1914, \$2,139.

MORTGAGE LOANS: There are 24 loans, aggregating \$114,075, protected by improved farm lands in Van Wert, Paulding and Miami counties, valued at \$360,635. All are first liens and there is no interest past due.

BONDS OWNED:	Par Value.	Market Value.
U. S. Gov., reg., 1930, 2%.....	\$50,000	\$50,000
U. S. Gov., reg., 1918, 3%.....	400	400
U. S. Gov., c., 1918, 3%.....	1,400	1,400
Akron, O., ss., 1923, 4%.....	16,000	16,000
Barnesville, O., mun., 1918-44, 5%.....	12,500	13,750
Bowling Green, O., ss., 1940-48, 4%.....	25,000	25,000
Canton, O., ss., 1928, 4%.....	23,000	23,000
Cincinnati, O., ss., 1949, 4%.....	25,000	25,000
Columbus, O., mun., 1919, 4%.....	30,000	30,000

BONDS OWNED.—Cont.		Par Value.	Market Value.
Cuyahoga Co. C. H., 1922, 4%.....		\$25,000	\$25,000
Crest, O., Wat. Wks., 1926-28, 4%.....		20,000	20,000
Dayton, O. Wat. Wks., 1921-25, 4%.....		25,000	25,000
East Liverpool, O., r., 1925, 4%.....		10,000	10,000
Fostoria, O., mun., 1925, 4%.....		8,000	8,000
Maumee, O., r., 1937, 4%.....		9,000	9,180
New Lexington, O., mun., 1915-23, 4%.....		4,500	4,500
Putnam Co. C. H., 1919-21, 4%.....		20,000	20,000
Putnam Co. C. H., 1923-24, 4%.....		7,000	7,000
Toledo, O. Wat. Wks., 1922, 4%.....		25,000	25,000
Troy, O., mun., 1920-26, 4%.....		19,500	19,500
Union City, O., ss., 1916-24, 4%.....		18,000	18,000
Van Wert, O., ss., 1926-37, 4%.....		15,000	15,000
Van Wert Co., rd. imp., 1920, 4%.....		3,000	5,000
Van Wert Co., Harrison, imp., 1921, 4%.....		2,000	
Van Wert Co., rd. imp., 1928, 4%.....		2,000	7,000
Van Wert W. York, imp., 1929, 4%.....		5,000	
Van Wert Co., rd. imp., 1924-26, 4%.....		10,000	10,000
Van Wert Co., rd., Morrison, 1915-27, 4%.....		8,400	8,400
Wellsville, O., mun., 1925-31, 4%.....		16,500	17,490
Totals (book value, \$426,200).....		\$426,200	\$428,630

* Book value and par value are the same.

MISCELLANEOUS: Conflagration losses: Baltimore, 1904, \$2,500; San Francisco, 1906, \$2,500.

DIRECTORS: H. V. Olney, J. P. Reed, C. A. L. Furmort, H. L. Conn, C. M. Furmort, Geo. R. McConnell, H. M. Gleason.

FIELD MEN AND TERRITORY COVERED: Jas. S. Kemper, Chicago, Ill.; E. J. Johnson, general agent, Boston, Mass.; F. J. Martin, Seattle, Wash., for Pacific Coast; H. J. Cunningham, Janesville, Wis. The company operates in Cal., Ga., Ill., Ind., Me., Mass., Mich., Minn., N. J., N. Y., O., Ore., Pa., Tenn., Wash. and Wis., and all States where acceptable business is offered.

CHURCH INSURANCE ASSOCIATION OF THE STATE OF NEW YORK. Rochester, N. Y.

President, M. R. Webster; Secretary, G. M. W. Bills. Organised, 1891.

ASSETS, DEC. 31, 1914: Cash, \$14,891; agents' balances, \$1,636; other assets, \$90; total assets, \$16,617. **LIABILITIES, DEC. 31, 1914:** Losses unpaid, \$50; unearned premiums, \$9,817; other liabilities, \$779; total liabilities, \$10,646; surplus, \$5,971; total, \$16,617.

Fire risks in force, December 31, \$2,493,551; premiums thereon, \$20,301.

BUSINESS IN 1914: Premiums, \$6,832; total income, \$7,306; losses paid, \$2,177; other disbursements, \$2,667; total expenditures, \$4,844.

CINCINNATI EQUITABLE INSURANCE COMPANY, Cincinnati, O.

President, Frank J. Jones; Secretary, Edward H. Ernst. Organised, 1826.

YEAR	Cash Assets	Deposits Returnable	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$775,565	\$279,940	\$486,834	\$5,509	\$45,698	\$17,183	.....	\$23,926	\$41,109	\$12,463
1913	792,297	280,326	491,328	5,939	62,423	36,950	.....	23,009	59,959	23,008
1912	824,909	282,681	525,974	10,031	48,715	15,637	\$5,644	10,499	31,780	16,064

Unearned premium is amount reclaimable on perpetual policies.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$20,000	Losses unpaid.....	\$3,508
Bonds and stocks.....	752,285	Unearned prem.....	279,440
Cash.....	1,935	Other liabilities.....	5,283
Interest and rents.....	1,345		
		Total liabilities.....	\$288,731
		Surplus.....	486,834
Total assets.....	\$775,565	Total.....	\$775,565

RISKS AND PREMIUMS: Fire risks in force, December 31, \$11,482,257; premiums thereon, \$297,809.

Losses paid since organization, \$906,839.

REAL ESTATE OWNED: One four-story brick stone front, building located on 38 East 3d Street, Cincinnati, O., valued at \$20,000. Last year the rents received were \$1,122 and the expenses, \$738.

CINCINNATI EQUITABLE INSURANCE COMPANY, Cincinnati, O.—Continued.

BONDS AND STOCKS OWNED:			BONDS AND STOCKS OWNED.—Cont.		
Bonds.			Stocks.—Cont.		
	Book Value.	Market Value.		Book Value.	Market Value.
Cin. wat. wks.	\$50,687	\$46,500	C. N. O. & T. Ry.	\$30,000	\$31,800
Cin. park	2,040	2,040	C. N. O. & T. Ry., p.	10,000	26,000
Cin. grade crossing	1,020	1,020	Dayton & Mich. Ry.	13,617	12,000
Cin. sinking fund reg.	3,620	3,780	Dayton & Mich. Ry., p.	13,029	12,950
Cin. st. imp.	2,544	2,550	Cin. & Gas El.	225,000	148,500
Cin. r.	10,125	9,200	Cin. & Sub. Bell Tel. Co.	64,828	129,000
Cin. ca. s. f.	2,070	2,060	Am. Oak Leather	20,000	20,000
Cin. r.	5,144	5,150	Farmers & Shippers Tob. W. Co.	7,500	3,750
Cleve. police dept.	4,060	4,060	Citizen Nat. Bk.	18,000	26,600
Cin. s. f.	9,275	9,200	1st Nat. Bk.	32,217	59,280
Cleve. ac.	5,147	5,100	Niles Tool Wks.	1,000	1,100
Stocks.			Chamber Commerce	100	25
Little Miami Ry.	25,508	40,000	Proctor & Gamble	32,400	50,350
Cleve. & Pgh.	25,000	40,000			
Cleve. & Pgh.	24,880	23,250	Totals	\$673,906	\$752,285
Cin. St. Ry.	35,000	37,000			

CITIZENS MUTUAL INSURANCE COMPANY, Boston, Mass.

President, Geo. W. Hinkley; Secretary, Herman Bird. Organized, 1846.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$82,677	\$33,741	\$35,504	\$17,295	\$41,834	\$19,970	\$7,359	\$9,879	\$37,708	\$16,642
1913	92,957	36,575	44,723	22,305	43,402	10,005	8,609	10,769	39,401	11,766
1912	94,775	35,830	47,072	27,729	33,945	12,280	10,384	11,222	33,886	11,227

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate	\$7,848	Losses unpaid	\$351
Mortgage loans	22,825	Unearned premiums	33,741
Bonds and stocks	32,127	Other liabilities	13,081
Collateral loans	1,481		
Cash	6,183	Total liabilities	\$47,173
Agents' balances	7,707	Surplus	35,504
Interest and rents	1,349		
Other assets	3,157		
Total assets	\$82,677	Total	\$82,677

Underwriting loss, \$1,141; investment, loss, \$102.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$6,336,208; premiums thereon, \$33,741.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,026,229; losses paid, \$1,074,387; dividends declared, cash, \$1,462,238.

REAL ESTATE OWNED: Comprises lot and 3-story brick dwelling, 267 Bostolph st., Boston; book value, \$7,848.

MORTGAGE LOANS: There are 9 loans aggregating \$22,825 on improved property in the state of Massachusetts valued at \$43,750, the buildings on which the company holds \$33,500 of fire insurance. On Dec. 31, last, there was no interest past due.

COLLATERAL LOANS: There is 1 loan of \$1,481 on endowment policy, \$212,097 Aetna Life of Hartford, valued at \$2404.

BONDS AND STOCKS OWNED:		
Bonds.		
	Par Value.	Market Value.
B. & A. R. R.	\$2,000	\$2,200
Chic., Ind. & S. R. R. 1 m.	2,000	1,680
Cinn., Ham. & D. R. R., gn. m., (2)	2,000	700
Detroit Term. & Tun., 1 m.	3,000	2,790
Flint & Pere Marquette R. R.	1,000	900
Flint & Pere Marquette R. R. (Pt. Huron)	5,000	3,850
N. Y., N. H. & H.	6,000	4,560
N. Y., Ont. & W. R. R., n.	2,000	2,000
Am. Tel. & Tel. Co.	2,000	1,780
International Paper, 1 m.	3,000	3,080
So. Bell Tel. & Tel., 1 m.	3,000	2,040
Westinghouse El. & Mfg. Co.	5,000	4,750
Stocks.		
Mass. Electric, p.	3,500	2,100
Totals	\$39,500	\$32,780

TERRITORY COVERED: Company is licensed in Mass., and Vt.

COAL OPERATORS MUTUAL FIRE INSURANCE COMPANY, Springfield, Ill.

President, C. H. Seybt; Secretary, C. V. Hickox. Organized, 1895.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$52,920	\$12,954	\$25,966	\$26,593	\$28,416	\$28,063		\$7,462	\$35,525	\$28,063
1913	57,018	14,018	31,498	29,225	31,300	38,890		7,350	46,240	38,890
1912	61,310	16,618	46,697	30,135	32,399	24,350	\$21	7,315	31,665	24,350

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$45,865	Unearned premiums	\$12,954
Cash	793	Demand notes	14,000
Agents' balances	6,262		
		Total liabilities	\$26,954
		Surplus	25,966
Total assets	\$52,920	Total	\$52,920

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,475,591; premiums thereon, \$25,969.

BUSINESS SINCE ORGANIZATION: Premiums received, \$590,406; losses paid, \$351,507; dividends declared, cash, \$38,290.

BONDS OWNED.		
	Par Value.	Market Value.
B. & O.	\$5,000	\$5,075
Chi., Mil. & St. P.	5,000	5,525
Ill. Cent. R. R.	10,000	10,100
Mil., Lake Shore & W.	4,000	5,135
Vandalia R. R.	5,000	5,155
Springfield, Ill., f.	5,000	5,200
San. Dis., Chicago, Ill.	5,000	5,087
St. Clair Co., Ill., so.	300	318
Henry Co., so.	4,200	4,275
Totals	\$43,500	\$45,865

TERRITORY COVERED: Ill. only.

COMMERCIAL MUTUAL FIRE ASSOCIATION, Mitchell, S. D.

President, S. H. Scallin; Secretary, J. O. Walrath. Organized, 1897

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$12,627	\$2,647	\$7,631	\$12,107	\$12,687	\$8,420	\$671	\$6,026	\$15,117	\$9,520
1913	15,143	4,645	10,498	12,777	13,782	9,666	1,864	6,821	18,351	9,666
1912	20,031	7,502	9,171	14,271	15,231	10,018	3,252	6,259	19,529	9,921

ASSETS, DEC. 31, 1914.

Mortgage loans	\$7,000
Cash	2,763
Agents' balances	922
Interest	103
Premium note	1,849

Total assets.....

LIABILITIES, DEC. 31, 1914.

Losses unpaid	\$1,100
Unearned prems	2,647
Perp. dep. recd.	717
Other liabilities	532
Total liabilities	\$4,996
Surplus	7,631

Total.....

RISKS AND PREMIUMS: Fire risk in force, (except perpetuals), December 31, \$736,283; premiums thereon, \$10,586; perpetual fire risks, \$219,125; deposit premiums thereon, \$3,305.

BUSINESS SINCE ORGANIZATION: Losses paid, \$107,605; dividends declared, cash, \$100,500.

MORTGAGE LOANS: There are 5 loans, aggregating \$7,000. Protected by property worth \$25,000. All of the loans are on farms, except \$1,200 on city residence. The company holds \$2,200 insurance on the mortgage buildings.

FIELD MEN AND TERRITORY COVERED: E. O. Walrath, special agent, Mitchell, S. D. The company operates only in S. D.

COMMERCIAL MUTUAL FIRE INSURANCE COMPANY OF GREENE COUNTY, Catskill, N. Y.

President, O. V. Sage; Secretary, C. E. Bloodgood.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$25,755	\$19,060	\$3,936	\$29,512	\$29,963	\$15,716	.....	\$10,311	\$26,027	.....
1913	21,635	16,128	4,432	24,584	24,903	12,510	.....	8,642	21,152	.....
1912	16,988	14,551	2,437	21,728	22,026	8,688	.....	6,792	15,601	\$8,809

ASSETS, DEC. 31, 1914: Mortgage loan, \$1,000; N. Y. C. bond, \$520; cash, \$18,577; agents' balances, \$5,395; interest, \$263; total assets, \$25,755. Liabilities, Dec. 31, 1914: Losses unpaid, \$2,769; unearned prems., \$19,060; total liabilities, \$21,819; surplus, \$3,936.

Fire risks in force, December 31, \$4,263,332; premiums thereon, \$45,089.

MISCELLANEOUS: The law of 1910 allows co-operative companies seven years to accumulate reserve.

CONCORD MUTUAL FIRE INSURANCE COMPANY, Concord, N. H.

President, Samuel C. Eastman; Secretary, Louis C. Merrill. Organized, 1835.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$184,339	\$18,851	\$164,864	\$18,154	\$28,646	\$9,088	\$3,775	\$4,519	\$17,482	\$9,075
1913	177,361	18,172	158,234	17,934	27,523	1,537	3,639	4,472	9,648	1,556
1912	170,994	17,321	153,096	16,644	24,858	5,192	3,446	4,362	13,000	5,192

ASSETS, DEC. 31, 1914.

Bonds	\$168,692
Cash	14,450
Agents' balances	1,197

Total assets.....

LIABILITIES, DEC. 31, 1914.

Losses unpaid	\$90
Unearned prems	18,851
Unpaid div.	534
Total liabilities	\$19,475
Surplus	164,864

Total.....

Net amount of members' liability, Dec. 31, \$71,455. Underwriting profit, \$3,831; investment profit, \$6,255.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,554,150; premiums thereon, \$35,895.

BUSINESS SINCE ORGANIZATION: Premiums received, \$509,694; losses paid, \$237,253; dividends declared, cash, \$77,422.

STOCKS OWNED:

	Par Value.	Market Value.
Baltimore & Ohio R. R.	\$6,800	\$4,760
Boston & Albany R. R.	1,000	1,810
Chicago & N. W. R. R.	5,800	6,944
Concord & Montreal R. R.	2,000	2,100
Delaware & Hudson	5,000	7,000
Kan. City, Ft. Scott & Mem. R. R.	4,600	3,375
Louisville and Nashville R. R.	5,000	6,900
New York Central R. R.	3,700	3,108
Norfolk & Western R. R.	5,000	5,000
Northern R. R.	2,000	2,100

STOCKS OWNED.—Cont.

	Par Value.	Market Value.
Northern Pacific R. R.	\$5,000	\$5,000
Pennigwaenet Valley R. R.	1,300	1,260
Pennsylvania R. R.	8,250	8,662
Southern Pacific R. R.	5,000	4,150
St. Louis & San Fran. R. R., 1 p.	3,000	300
Union Pacific R. R., com.	5,000	5,800
Abbot & Downing	2,500	2,500
American Tl. & Tg. Co.	7,500	8,935
Amoskeag Mfg., p.	.....	5,000
Amoskeag Mfg., com.	.....	4,600
Concord Gas Light	2,400	4,600
Eagle and Phoenix Hotel	2,500	3,135
General Motors	1,100	850
Mergenthaler Linotype	1,000	2,300
Montana Power, p.	5,000	4,750
New Hamp. Spinning Mills	7,500	9,375
Peoples' Gas, Chicago	2,700	3,132
Profile and Frume Hotels	3,000	2,360
Fullman	6,000	9,000
Standard Oil, N. J.	1,500	6,000
Subsidiary Co. of St. Oil	4,539	11,609
United Gas Imp.	7,600	12,444
United States Steel	2,500	2,680
United States Rubber, 1 p.	5,800	5,712
Westinghouse Electric Mfg.	3,100	2,170

Totals (book value, \$158,076).....

TERRITORY COVERED: N. H. only.

CONCORDIA TOWN MUTUAL FIRE INSURANCE COMPANY, Concordia, Mo.

President, John P. Lohofenr; Secretary, Julius Vogt, Jr. Organized, 1895.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$39,718	.....	\$29,718	\$31,327	\$22,511	\$13,096	\$543	\$8,594	\$22,233	\$13,096
1913	29,432	\$5,711	23,721	27,485	28,855	10,223	.....	8,584	18,807	10,223
1912	27,067	5,271	21,796	10,754	11,682	7,796	.....	4,695	12,491	7,796

ASSETS, DEC. 31, 1914: Loans, \$24,481; cash, \$5,237; total assets, \$29,718. No liabilities. Premium notes in force, Dec. 31, \$11,413.

CO-OPERATIVE FIRE INSURANCE COMPANY OF GREENE, SCHOHARIE AND DELAWARE COUNTIES, Catskill, N. Y.

President, O. V. Sage; Secretary, Clarence E. Bloodgood. Organized, 1836.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$50,168	.....	\$28,370	\$42,248	\$44,126	\$22,719	.....	\$15,504	\$38,223	.....
1913	52,906	24,293	28,613	36,247	37,635	17,359	.....	13,242	30,601	.....
1912	45,396	21,477	23,921	32,158	33,005	16,267	.....	13,686	29,953	.....

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$6,275	Losses unpaid.....	\$2,615
N. Y. Cy. bonds.....	5,660	Unearned prem.....	28,183
Cash.....	39,259		
Agents' balances.....	7,302	Total liabilities....	\$30,798
Interest.....	572	Surplus.....	28,370
Total assets.....	\$50,168	Total.....	\$59,168

Fire risks in force, December 31, \$7,264,738; premiums thereon, \$66,842.

MORTGAGE LOANS: 2 loans; 1 of \$775 on Hensenville property worth \$3,500, and 1 of \$5,500 on 19 North st., Middletown, N. Y., valued at \$18,000. No interest was past due on December 31, last.

MISCELLANEOUS: The law of 1910 allows co-operative companies seven years to accumulate reserve.

COTTON AND WOOLLEN MANUFACTURERS MUTUAL INSURANCE COMPANY, Boston, Mass.

President, W. B. Plunkett; Secretary, Benj. Taft. Organized, 1875.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$514,212	\$250,853	\$246,862	\$411,644	\$433,570	\$20,217	\$363,664	\$33,471	\$417,352	\$22,231
1913	494,871	269,383	220,664	449,677	470,108	18,265	378,580	43,991	440,836	16,803
1912	484,656	246,304	231,066	455,948	475,751	25,386	397,383	34,458	457,237	27,022

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$451,150	Losses unpaid.....	\$3,350
Cash.....	40,729	Unearned prem.....	259,853
Agents' balances.....	15,159	Other liabilities.....	4,147
Interest.....	7,174		
		Total liabilities....	\$267,350
		Surplus.....	246,862
Total assets.....	\$514,212	Total.....	\$514,212

Net amount of members' liability, Dec. 31, \$2,800,000; underwriting profit, \$365,147; investment profit, \$24,715.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$61,658,160; premiums thereon, \$520,120.

BUSINESS SINCE ORGANIZATION: Premiums received, \$10,537,223; losses paid, \$1,752,735; dividends declared, cash, \$7,439,077.

BONDS OWNED:	Par Value.	Market Value.
Cook Co., Ill., 1925, 4%.....	\$5,000	\$4,950
Fall River, 1915, 3 1/2%.....	15,000	15,000
Mass., Commonwealth, 1933-40, 3 1/2%.....	40,000	37,160
A. T. & S. Fe Ry., 1928, 4%.....	7,000	6,650
A. E. & Chi. R.R., 1946, 5%.....	5,000	4,550
B. & A. R.R., ex. m., 1951, 4%.....	5,000	3,500
Boston Elev. Ry., 1935, 4%.....	6,000	5,160
B. & L. R.R., 1919, 3 1/2%.....	10,000	9,600
B. & Me. R.R., 1926, 4%.....	10,000	7,700
B. & N. Y. A. L. R.R., 1955, 4%.....	4,000	3,440
Central Branch Ry., 1919, 4%.....	5,000	4,400
C. R. I. & P. Ry., 1915, 4 1/2%.....	3,000	3,000
D. Y. A. A. & J. Ry., 1926, 5%.....	9,000	8,010
E. & T. R.R., 1962, 5%.....	10,000	9,500
El. P. & R. I. R.R., 1951, 5%.....	5,000	4,900
Fitchburg R.R., 1927, 4%.....	18,000	16,380
Fla. E. C. Ry., 1959, 4 1/2%.....	5,000	4,550
H. R. & P. C. R.R., 1915, 5%.....	5,000	4,700

BONDS OWNED.—Cont.	Par Value.	Market Value.
L. S. & M. So. Ry., 1931, 4%.....	\$17,000	\$15,980
Me. Cent. R.R., 1923, 5%.....	10,000	9,900
Me. C. R.R., 1916, 4 1/2%.....	16,000	15,840
Md., Del. & Va. Ry., 1955, 5%.....	15,000	12,750
Mich. C. R.R., 1952, 3 1/2%.....	2,000	1,680
Middlesex & Bos. St. Ry., 1932, 4 1/2%.....	10,000	9,500
Mo. Pac. Ry., 1915, 6%.....	10,000	9,000
Mont. Tramways, 1941, 5%.....	5,000	4,950
N. Y. C. & H. R. R.R. B. & A., 1920, 4 1/2%.....	5,000	4,950
N. Y. C. & H. R. R.R. L.S., 1998, 3 1/2%.....	15,000	11,700
N. Y. C. & St. L. R.R., 1931, 4%.....	10,000	8,400
N. Y. N. H. & H. R.R., 1955, 4%.....	20,000	14,800
N. Y. O. & W. Ry., 1915, 5%.....	5,000	5,000
No. Me. Seaport R.R., 1935, 5%.....	20,000	18,000
No. P., Gt. N. Ry., 1921, 4%.....	26,000	25,220
Richmond-Wash., 1943, 4%.....	9,000	8,550
R. I. A. & L. R.R., 1934, 4 1/2%.....	5,000	4,150
Worcester & Holden St. Ry., 1933, 5%.....	3,000	2,970
Am. Agric. Chem., 1924, 5%.....	5,000	4,850
Am. Tl. & Tg., 1929, 4%.....	20,000	17,800
Am. Writing Paper, 1919, 5%.....	5,000	3,350
Conn. River Power, N. H., 1937, 5%.....	5,000	4,700
Consumers Power, 1936, 5%.....	10,000	9,400
Kansas Gas & Electric, 1922, 5%.....	10,000	9,600
New Eng. Tl. & Tg., 1930, 4%.....	28,000	24,920
New Eng. Tl. & Tg., 1919, 5%.....	10,000	10,000
No. Tex. El., 1940, 5%.....	5,000	4,750
T. H. Te. & Lt., 1944, 5%.....	5,000	4,850
Western El., 1922, 5%.....	2,000	2,040
W. Union Tg., 1950, 4 1/2%.....	20,000	18,400

Totals (book value, \$480,352)..... \$495,000 \$451,150

MISCELLANEOUS: Conflagration losses: Baltimore, 1904, \$468. The company is licensed in Ill., Me., Mass., Mich., N. H., N. Y., N. C., O., Pa., R. I. and Wis.

COTTON STATES MUTUAL FIRE INSURANCE COMPANY, Dallas, Tex.

President, F. A. Blevins; Secretary, J. E. Blevins.

This company was organized during 1913 and as of Dec. 31, 1913, its assets were \$4,232; unearned premiums, \$1,857; surplus, \$671. During the year it received \$4,132 in premiums; total in-

come, \$5,336; expenses, \$1,030; no losses paid. Statistics covering year 1914 were unavailable when this page went to press.

CREAM CITY MUTUAL FIRE INSURANCE CO., Milwaukee, Wis.

President, Henry C. Schroeder; Vice-President, F. L. Kunkel; Secretary, R. Reinka. Organized, 1838.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	*\$45,180	.....	\$45,180	\$6,599	\$8,444	\$443	.....	\$3,926	\$4,369	\$485
1913	40,964	.....	40,964	6,354	8,260	1,003	.....	3,540	4,542	965
1912	37,387	.....	37,387	6,086	7,761	2,172	.....	3,312	5,484	2,172

ASSETS DEC. 31, 1914: mortgage loans, \$41,400; cash, \$3,247; agents' balances, \$534; total, \$45,180; no liabilities.

Fire risks in force, December 31, \$2,419,461. Losses paid since organization, \$16,906.

CRETE FARMERS TOWNSHIP MUTUAL FIRE INSURANCE COMPANY, Crete, Ill.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$28,091	.....	\$28,091	.....	\$5,823	\$1,932	.....	\$3,054	\$4,986	\$1,932
1913	27,254	.....	27,254	3,275	5,468	4,605	.....	2,273	6,878	4,605

ASSETS, DEC. 31, 1914: Cash, \$26,591; other assets, \$1,500; total assets, \$28,091. No liabilities.

CUMBERLAND MUTUAL FIRE INSURANCE COMPANY, Bridgeton, N. J.

President, I. M. Smalley; Secretary, Charles F. Reeves. Organized, 1844.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$124,218	.....	\$124,172	\$27,760	\$33,005	\$14,767	.....	\$4,007	\$18,774	\$11,301
1913	110,006	.....	106,471	26,367	31,363	29,435	.....	3,878	33,313	33,980
1912	111,761	.....	109,911	24,991	29,816	27,106	.....	4,425	31,533	26,730

ASSETS, DEC. 31, 1914: Real estate, \$8,000; mortgage loans, \$97,492; Middlesex and Somerset Tc. bonds, \$6,000; collateral loans, \$2,050; cash, \$4,809; agents' balances, \$4,109; interest and rents, \$1,758. Total assets, \$124,218. Liabilities: Losses unpaid, \$46.

Net amount of members' liability, Dec. 31, \$355,216.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$10,917,903; premiums thereon, \$125,017.

REAL ESTATE OWNED: Consists of brick and stone home office building, 107 E. Commerce st., Bridgeton; market value, \$9,000, carried at book value, \$8,000.

MORTGAGE LOANS: There are 49 loans aggregating \$97,492, protected by improved lands, with buildings thereon, in

Cumberland, Camden, Gloucester, Cape May Counties, valued at \$188,050. There was \$113 interest past due on December 31, last. The company holds \$112,085 of insurance on the buildings.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Philadelphia El., g. tr. etc.	.....	\$1,000	\$250
Bridgeton Nat. Bk.	.....	800	500
Martin Drying & Fin. Co., b.	.....	1,000	800
H. K. Mulford Co., etc.	.....	750	500
Totals	.....	\$3,550	\$2,050

TERRITORY COVERED: N. J. only.

DANBURY MUTUAL FIRE INSURANCE COMPANY, Danbury, Conn.

President, John H. Fanton; Secretary, L. L. Hubbell. Organized, 1850.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$51,619	\$4,419	\$47,200	\$3,555	\$5,988	\$3,602	.....	\$1,150	\$3,752	\$2,009
1913	49,149	1,797	44,353	3,996	6,126	2,475	.....	1,220	3,695	2,474
1912	47,411	3,777	43,634	2,747	4,592	3,854	.....	1,086	4,940	3,854

ASSETS, DEC. 31, 1914: Mortgage loans, \$14,000; bonds and stocks, \$20,030; cash, \$16,672; agents' balances, \$361; interest and rents, \$556; total assets, \$51,619. Liabilities, Dec. 31, 1914: Unearned prems., \$4,419.

Underwriting profit, \$223; investment profit, \$2,624.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,321,335; premiums thereon, \$3,167.

BUSINESS SINCE ORGANIZATION: Premiums received, \$103,556; losses paid, \$51,718.

MORTGAGE LOANS: These aggregate \$14,000 and are protected by improved real estate worth in each instance more than double the amount loaned thereon.

BONDS AND STOCKS OWNED: These are bonds on cities and railroads of the U. S. whose market value is \$20,080 and per value \$19,400.

TERRITORY COVERED: Conn. only.

DAYTON MUTUAL FIRE INSURANCE COMPANY, Dayton, O.

President, Adam Cappel; Secretary, B. C. Coleman. Organized, 1908.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$19,355	\$13,031	—\$4,333	\$27,017	\$32,536	\$16,973	\$44	\$8,991	\$26,008	\$9,430
1913	13,036	.....	—7,727	25,109	34,416	32,798	.....	17,270	50,068	29,798
1912	28,948	15,051	8,815	29,738	30,648	21,572	\$4,993	8,798	35,368	23,389

—Excess of liabilities over assets.

ASSETS, Dec. 31, 1914.			LIABILITIES, Dec. 31, 1914.		
Bonds	\$6,113	Losses unpaid	.....	\$4,820	
Cash	2,910	Unearned premiums	.....	13,031	
Agents' balances	6,878	Other liabilities	.....	5,837	
Interest and rents	120				
Note of Mont Co., Mut.	3,235	Total liabilities	.....	\$23,688	
		Impairment	.....	4,333	
Total assets	\$19,355	Total	.....	\$19,355	

Net amount of contingent liability settled Dec. 31, \$83,452.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,306,190; premiums thereon, \$26,062.

BUSINESS SINCE ORGANIZATION: Premiums received \$185,968; losses paid, \$110,182; dividends declared, cash, \$18,046

BONDS OWNED:	Book Value.	Market Value.
Dayton, O., bg.	\$3,002	\$3,040
Belmontaine, O., sr.	2,121	2,056
Hartwell, O., sr.	1,062	1,017
Totals	\$6,175	\$6,113

DEDHAM MUTUAL FIRE INSURANCE COMPANY, Dedham, Mass.

President, James Y. Noyes; Secretary, Theodore T. Marsh. Organized, 1837.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$175,952	\$71,574	\$101,898	\$36,509	\$48,007	\$21,441	\$16,488	\$14,628	\$52,535	\$22,563
1913	153,956	72,668	110,106	41,996	49,997	13,798	21,395	14,400	49,593	13,294
1912	192,871	70,592	120,732	42,378	50,476	9,515	20,762	14,747	45,024	10,109

ASSETS, Dec. 31, 1914.			LIABILITIES, Dec. 31, 1914.		
Real estate	\$1,597	Losses unpaid	.....	\$1,253	
Mortgage loans	27,800	Unearned premiums	.....	71,574	
Bonds and stocks	137,579	Other liabilities	.....	1,227	
Cash	4,518				
Agents' balances	2,288	Total liabilities	.....	\$74,054	
Interest and rents	2,170	Surplus	.....	101,898	
Total assets	\$175,952	Total	.....	\$175,952	

Net amount of members' liability, Dec. 31, \$141,931.

Underwriting profit, \$596; investment profit, \$7,753.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,591,723; premiums thereon, \$141,931.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,107,960; losses paid, \$396,114; dividends declared, cash, \$450,368.

REAL ESTATE OWNED: Comprises one 3-story and one 1½-story dwelling situated on Norfolk ave., Roxbury District, Boston, Mass., carried at book value. Net rents received, \$63.

MORTGAGE LOANS: There are 12 loans aggregating \$27,800, on dwellings in Dedham, Roxbury, West Roxbury and Norwood, valued at \$65,300. The company holds \$47,900 insurance on property and there was \$75 interest past due on December 31, last.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
Bonds.		
Boston City, 1921, 4%.....	\$2,000	\$1,980
Fall River City, 1923, 4%.....	5,000	4,900
Lynn City, 1919, 4%.....	2,000	2,970
N. Y. C., 1967, 4½%.....	2,000	2,140
Portland, Ore., 1943, 4½%.....	8,000	8,320

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
Bonds.—Cont.		
A., T. & S. F. R.R., gn. m., 1906, 4%.....	\$8,000	\$7,680
A., T. & S. F. R.R., adj. m., 1906, 4%.....	4,000	3,520
Boston & Albany R.R., 1952, 3½%.....	6,000	4,920
Boston & Albany R.R., 1935, 4%.....	5,000	4,650
Boston & Lowell R.R., 1932, 4%.....	11,000	10,340
Boston & Maine R.R., reg., 1937, 4%.....	5,000	3,300
Boston & Maine R.R., 1926, 4%.....	1,000	770
Boston & Maine R.R., 1944, 4½%.....	6,000	4,140
C. B. & Q. R.R., Ill. Div., 1949, 4%.....	7,000	6,650
C. B. & Q. R.R., gn. m., 1958, 4%.....	2,000	1,880
C. M. & St. P. R.R., 1969, 4%.....	5,000	4,800
New London & No., 1940, 4%.....	5,000	4,150
N. Y., N. H. & H. R.R., 1947, 4%.....	5,000	3,900
N. Y., N. H. & H. R.R., 1954, 3½%.....	2,000	1,260
N. Y., N. H. & H. R.R., 1955, 4%.....	4,000	2,960
Old Colony R.R., reg., 1932, 3½%.....	5,000	4,350
Prov. Tm. 1 m., 1956, 4%.....	5,000	4,200
R. I. & Frisco Tm. Ry., 1 m., 1927, 5%.....	8,000	7,440
St. J. & L. C. R.R., 1 m., 1944, 5%.....	6,000	4,800
Union Pac. R.R., 1947, 4%.....	3,500	3,295
West End St. Ry., 1916, 4%.....	2,000	1,980
N. E. Tl. & Tg., 1932, 5%.....	4,000	4,040

STOCKS.	Par Value.	Market Value.
A., T. & S. F. R.R., c.....	5,000	4,950
A., T. & S. F. R.R., p.....	7,800	8,024
Union Pac. R.R., p.....	5,000	4,150
Dedham Nat. Bk.....	600	720
Dedham wat.....	3,900	4,290
Totals (book value, \$143,947).....	\$151,800	\$137,579

DELAWARE COUNTY MUTUAL INSURANCE COMPANY, Media, Pa.

President, Henry Mendenhall; Secretary, Wm. H. Tricker. Organized, 1839.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$42,498	\$3,164	\$26,318	\$16,948	\$18,972	\$18,656	.....	\$7,860	\$26,516	\$20,990
1913	42,599	3,329	37,078	17,356	31,364	17,748	.....	9,399	36,797	17,748
1912	49,091	3,346	42,820	17,985	23,637	9,561	.....	18,925	28,486	10,608

Unearned premiums include amount reclaimable on perpetual policies.

DELAWARE COUNTY MUTUAL INSURANCE COMPANY, Media, Pa.—Cont.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$23,228	Losses unpaid.....	\$2,480
Mortgage loans.....	17,700	Borrowed money.....	11,000
Cash.....	1,831	Perp. dep. rodl.....	3,164
Agents' balances.....	193	Other liabilities.....	536
Interest and rents.....	546		
		Total liabilities.....	\$17,180
		Net surplus.....	26,318
Total assets.....	\$43,498	Total.....	\$43,498

Perpetual fire risks in force Dec. 31, \$6,597,836.

REAL ESTATE OWNED: Consists of company's home office building, situated in Media, Pa.

MORTGAGE LOANS: These aggregate \$17,700, protected by improved real estate valued at more than double the amount loaned. The company holds fire insurance on the buildings for \$26,050. The property is located in Delaware County and consists of first mortgages on farms and dwelling houses.

DISTILLERS MUTUAL FIRE INSURANCE COMPANY OF BALTIMORE CITY, Baltimore, Md.

President, Chas. Goldsborough; Secretary, John G. Binford. Organized, 1907.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$52,394		\$49,549	\$37,422	\$39,009	\$11,835	\$6,766	\$30,158	\$38,759	\$11,578
1913	52,263		44,293	34,293	36,668	1,091	8,139	13,180	22,444	1,091
1912	56,020		36,020	33,715	35,895	28,678	8,989	10,082	47,749	28,678

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$42,916	Losses unpaid.....	\$89
Cash.....	3,350	Reins. prem.....	2,746
Agents' balances.....	4,169		
Interest.....	629	Total liabilities.....	\$2,845
Other assets.....	1,330	Surplus.....	49,549
Total assets.....	\$52,394	Total.....	\$52,394

Net amount of members' liability, Dec. 31, \$266,101.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,926,626; premiums thereon, \$35,635.

BUSINESS SINCE ORGANIZATION: Losses paid, \$46,727; dividends declared, cash, \$46,539.

BONDS OWNED:		Par Value.	Market Value.
United Ry. & El., 1 m., 1949, 4%.....		\$3,000	\$2,512
Balto. City new sr. l., 1980, 3½%.....		1,800	1,280
Md. El. Ry., 1 m., 1921, 5%.....		2,000	1,970
Chi. Ry., 1 m., 1927, 5%.....		1,000	988
Fairmont & Clarksburg To., 1 m., 1933, 6%.....		2,000	2,067
Newburg Lt., Ht. & P., 1 m., 1921, 5%.....		1,000	990
U. S. F. & Guar., 1 m., 1925, 5%.....		1,000	1,852
Kan. City W. Ry., r., 1925, 5%.....		1,000	750
Citizens Nat. Bk., 1 m., 1925, 5%.....		250	1,075

BONDS OWNED.—Cont.		Par Value.	Market Value.
Balto. El., 1 m., 1947.....		\$1,000	\$990
Fla. So. R.R., 1 m., 1945, 4%.....		1,000	905
Nwn. Tm. Ry., 1 m., 1926, 5%.....		1,000	830
Atl. C. L., ca., 1952, 4%.....		3,000	2,805
Balto. City Eng. Hse. l., 1957, 4%.....		1,000	985
Ca. Coal. r., 1934, 4½%.....		1,000	900
Seaboard A. L., stamped, 1950, 4%.....		2,000	2,550
Ca. Coal. l. r., 1950, 5%.....		2,000	1,985
Seattle El., ca. & r., 1929, 5%.....		1,000	970
Houston El., 1 m., 1915, 5%.....		2,000	1,980
Ca. Gas El. Lt. & Pow., 1935, 4½%.....		2,000	1,795
St. L. & S. F. R.R., 1 m., g., 1940, 5%.....		2,000	640
Jacksonville To., 1 m., 1931, 5%.....		2,000	1,880
St. Joe Ry. Lt., H. & P., 1 m., 1937, 5%.....		1,000	960
Ca. Gas Co., Balto., gm m., 1954, 4½%.....		2,000	1,895
Nor. & So. R.R., r., 1961, 5%.....		1,000	940
N. O. M. & C. R.R., 1 m., 1960, 5%.....		2,000	900
Pac. Lt. & Pow., 1 r., 1951, 5%.....		2,000	1,680
Gt. Falls Pow., 1 m., 1940, 5%.....		2,000	1,940
Galveston El., 1 m., 1940, 5%.....		3,000	1,920
Totals (book value, \$46,071).....		\$47,750	\$42,916

MISCELLANEOUS: This company insures U. S. bonded warehouses in all States, direct from home office. Licensed in Md. only.

DORCHESTER MUTUAL FIRE INSURANCE COMPANY, Boston, Mass.

President, William A. Muller; Secretary, Edward C. Mason. Organized, 1855.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$195,765	\$151,035	\$38,854	\$96,203	\$110,544	\$53,811	\$31,281	\$37,901	\$122,993	\$53,633
1913	232,341	159,939	63,362	104,411	118,666	51,301	40,697	41,977	133,975	46,611
1912	275,449	168,617	91,469	108,947	124,871	45,727	47,145	37,425	130,397	52,596

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$15,900	Losses unpaid.....	\$3,525
Mortgage loans.....	13,745	Unearned prem.....	151,035
Bonds and stocks.....	155,075	Other liabilities.....	2,351
Cash.....	2,690		
Agents' balances.....	8,162	Total liabilities.....	\$156,911
Interest and rents.....	193	Surplus.....	38,854
Total assets.....	\$195,765	Total.....	\$195,765

Net amount of members' liability Dec. 31, \$330,620; underwriting profit, \$20,281; investment loss, \$14,862.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$24,159,205; premiums thereon, \$311,517.

BUSINESS SINCE ORGANIZATION: Premiums received, \$5,405,627; losses paid, \$2,612,989; dividends declared, cash, \$1,905,485.

REAL ESTATE OWNED: Consists of 5,956 ft. land, house and barn, Brook ave., Roxbury, Mass., and 6,650 ft. land and house, Minot st., Dorchester, Mass., and 7,632 ft. land and company's building, Walnut st., Dorchester, Mass. The book value

of the real estate owned is \$24,617, and the market value, \$15,900. Rents received during the year were \$1,184, and the expenses were \$785.

MORTGAGE LOANS: There are 4 loans, aggregating \$13,745, protected by property valued at double the amount loaned thereon. Insurance to the amount of \$9,000 is carried on the mortgaged buildings. There was no interest past due on December 31, last.

BONDS OWNED:		Par Value.	Market Value.
Boston & Maine.....		\$10,000	\$3,400
Gt. No. p.....		7,500	9,225
N. Y., N. H. & H.....		10,000	6,400
Pennsylvania.....		10,000	11,000
International Tr.....		30,500	106,750
Amer. Tl. & Tg.....		15,000	18,300
Totals.....		\$83,000	\$155,075

TERRITORY COVERED: The company is licensed in Conn., Mass., N. H., R. I. and Vt.

DRUGGISTS MUTUAL FIRE INSURANCE COMPANY, Canton, S. D.

President, F. G. Stickles; Secretary, James Lewis. Organised, 1895.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$5,819	\$3,763	\$39	\$13,567	\$15,420	\$9,072	\$5,131	\$3,564	\$17,067	\$9,448
1913	7,949	4,141	1,431	16,091	16,248	12,334	5,397	3,878	21,509	13,713
1912	12,768	84,146	8,722	16,232	16,432	9,959	6,367	4,296	20,625	9,807

ASSETS, DEC. 31, 1914: Cash, \$1,991; other assets, \$3,828; total assets, \$5,819. Liabilities: Losses unpaid, \$1,856; unearned prem., \$3,763; other liabilities, \$173; total liabilities, \$5,790.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$998,250; premiums thereon, \$14,829.

EMPIRE CO-OPERATIVE FIRE INSURANCE COMPANY, Middleburgh, N. Y.

President, W. E. Bessler; Secretary, A. E. Re Qua. Organised, 1894.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$78,084	.....	\$44,886	\$46,116	\$47,783	\$28,124	.....	\$16,607	\$44,731	.....
1913	74,788	27,737	46,915	86,741	35,723	8,905	.....	12,933	21,838	.....
1912	56,552	19,062	37,390	15,320	27,507	15,064	.....	9,268	24,272	.....

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$49,378	Losses unpaid.....	\$1,235
Cash.....	15,164	Unearned prem.....	31,913
Agents' balances.....	9,554	Total liabilities.....	\$33,148
Interest.....	4,088	Surplus.....	44,886
Total assets.....	\$78,084	Total.....	\$78,084

Fire risks in force, December 31, \$8,245,063; premiums thereon, \$73,891.

MORTGAGE LOANS: The loans are protected by property in Albany, Otsego, Schoharie and Schoharie Counties, mostly Ravens and Middleburgh, valued at more than double the amount loaned thereon.

ENTERPRISE MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.

President, John R. Freeman; Secretary, Theo. B. Bogart. Organised, 1874.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$638,261	\$384,385	\$344,644	\$415,322	\$443,922	\$23,528	\$339,951	\$28,667	\$392,146	\$25,771
1913	586,466	244,137	337,164	237,126	256,591	31,661	177,121	26,574	235,356	32,012
1912	612,141	299,492	313,580	279,835	309,831	28,945	229,200	38,904	296,049	30,681

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks.....	\$585,487	Losses unpaid.....	\$5,085
Cash.....	37,322	Unearned prem.....	\$84,285
Agents' balances.....	13,440	Other liabilities.....	4,247
Interest.....	2,103	Total liabilities.....	\$393,617
Total assets.....	\$638,261	Surplus.....	244,644
		Total.....	\$638,261

Net amount of members' liability, Dec. 31, \$3,193,181; underwriting profit, \$218,033; investment profit, \$29,398.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$37,067,097; premiums thereon, \$638,636.

BUSINESS SINCE ORGANIZATION: Premiums received, \$7,733,295; losses paid, \$1,247,415; dividends declared, cash, \$5,816,729.

BONDS AND STOCKS OWNED:

BONDS.	Market Value.
U. S. reg., 1925, 4%.....	\$22,200
R. I. State, 1939, 3%.....	4,800
R. I. State, 1949, 4%.....	27,000
Am. Tl. & T. cv. c., 1933, 4%.....	72,963
C. M. & St. P. Ry., cv. c., 1932, 4%.....	1,326
N. Y., N. H. & H. R. R., cv. c., 1923, 6%.....	4,452
So. Pac. Co. cv. c., 1919, 4%.....	2,580
So. Pac. Co., cv. c., 1919, 5%.....	7,140

STOCKS.

Cleveland & Pittsburgh R.R.....	8,300
Ill. C. R.R., leased line.....	3,400
Manhattan Ry.....	26,800
Morris & Essex R.R.....	11,115
Old Colony R.R.....	19,050
Fitch, B. & L. E. R.R., p.....	6,250
West End St. Ry.....	8,645

BONDS AND STOCKS OWNED.—Cont.

STOCKS.—Cont.	Market Value.
A., T. & S. Fe Ry., p.....	\$10,300
B. & O. R.R., c.....	4,005
B. & O. R.R., p.....	1,944
Chi., Gt. W. R.R., p.....	8,360
Chi., Mil. & St. P. Ry., c.....	5,247
Chi., Mil. & St. P. Ry., p.....	21,574
Chi., St. P., Minn. & O. Ry.....	13,100
Chi. & Nwn. Ry.....	20,881
C., C. & St. L. Ry., p.....	5,000
Gt. No. Ry., p.....	31,000
Ill. C. R.R.....	12,880
Minn., St. P. & S. Ste. M. Ry., c.....	17,712
Minn., St. P. & S. Ste. M. Ry., p.....	31,178
N. Y., N. H. & H. R.R.....	9,900
No. Pac. Ry.....	17,760
Pa. R.R.....	42,180
So. Pac.....	19,200
So. Pac. cv. int.....	12,538
So. Ry., p.....	8,800
Union Pac. R.R., c.....	25,600
Union Pac. R.R., p.....	24,900
Providence Gas.....	4,900
U. S. Steel Cp., p.....	11,000
Total.....	\$583,580

MISCELLANEOUS: This company and the American, Manufacturers, Mechanics, Rhode Island and State Mutual Fire Insurance companies, all of Providence, are under the same management. Company operates in United States and Canada. No assessment has ever been levied.

DIRECTORS: H. F. Lippitt, R. I. Gammell, J. R. Freeman, Wm. Ames, J. H. Metcalf, A. L. Danielson, C. H. Merriman, W. Knight, S. M. Nicholson, Edward D. Pearce, A. H. Tillinghast, H. D. Sharpe, H. O. Sturges, Jonathan Chace, A. B. Chace.

EQUITY MUTUAL FIRE INSURANCE ASSOCIATION, Sioux City, Ia.

President, M. A. Clark; Secretary and Treasurer, Fred C. McCutcheon. Organized 1898.

Assets, Dec. 31, 1914, \$74,778; liabilities, for taxes accrued, reinsurance premiums and unpaid losses, \$7,259; reinsurance reserve, \$13,107; surplus, \$54,412; net premiums received, \$56,093; losses paid, \$21,978; expenses and commissions, \$27,782.

MISCELLANEOUS: The company is licensed in Iowa only, but of the premiums received but 22% are on Iowa business.

The company has policies in force in 34 states and in 7 provinces of Canada. Since January 1, 1910, the association received \$183,328 in premiums and paid \$98,770 on losses. Charles Brock Jones & Co., 175 W. Jackson Blvd., Chicago, Ill., are surplus line agents for the company.

FALL RIVER MANUFACTURERS MUTUAL INSURANCE COMPANY, Fall River, Mass.

President and Treasurer, Charles S. Waring; Secretary, James W. Brigham. Organized, 1870.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	.....	.....	.....	\$492,948	\$647,044	\$193,952	\$406,600	\$41,368	\$641,920	\$194,319
1913	876,439	421,966	440,094	490,064	526,341	28,967	430,809	43,534	508,310	29,522
1912	878,574	420,620	445,934	609,943	644,484	29,606	547,122	37,407	611,151	32,478

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks	\$806,910	Losses unpaid	\$5,456
Cash	23,587	Unearned prem's	444,806
Agents' balances	17,063	Other liabilities	85,395
Interest	11,197		

		Total liabilities	\$535,657
		Surplus	323,090
Total assets	\$858,747	Total	\$858,747

Net amount of member's liability, Dec. 31, \$4,280,188; underwriting profit, \$240,330; investment profit, \$49,266.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$117,524,827; premiums thereon, \$356,038.

BUSINESS SINCE ORGANIZATION: Premiums received, \$13,898,515; losses paid, \$1,743,306; dividends declared, cash, \$10,651,421.

BONDS OWNED:		Par Value.	Market Value.
Cleveland, O., 1923, 4%.....		\$25,000	\$25,250
Newport, R. I., 1923, 4%.....		20,000	20,000
N. Y., C., 1962, 4%.....		37,000	38,110
Taunton, Mass., 1922, 4%.....		15,000	15,000
A., T. & S. Fe Ry., 1995, 4%.....		20,000	19,200
Boston Elev. Ry., 1942, 5%.....		25,000	24,500
Bos. & Me. R.R., 1942, 5%.....		10,000	6,400
Bos. & Prov. R.R., 1918, 4%.....		20,000	19,200
C., B. & Q. R.R., Neb. ex., 1927, 4% ..		15,000	14,700
C., M. & St. P. Ry., 1934, 4%.....		50,000	46,000
C., M. & St. P. Ry., 1932, 4%.....		15,000	15,300

BONDS OWNED.—Cont.		Par Value.	Market Value.
Con. & Mont. R.R., 1920, 4%.....		\$15,000	\$14,400
Erie R.R., Pa. col., 1951, 4%.....		10,000	9,000
L. S. & Mich. So. Ry., 1928, 4%.....		30,000	28,300
L. S. & Mich. So. Ry., 1931, 4%.....		25,000	23,500
L. I. R.R., 1949, 4%.....		30,000	27,300
M. S. & N. W. Ry., 1947, 4%.....		15,000	13,800
N. Y. C. & H. R. R.R., 1934, 4%.....		50,000	55,000
N. Y. C. & H. R. R.R., L. S. col., 1998, 3%.....		15,000	11,700
N. Y. N. H. & H. R.R., 1956, 4%.....		40,000	29,600
N. P., Gt. N. C.B. & Q. Jt., 1921, 4%.....		45,000	43,650
Old Colony R.R., 1938, 4%.....		30,000	27,300
Ore.-Wash. R.R., 1961, 4%.....		10,000	8,900
Pa. R.R., cv., 1915, 3%.....		50,000	50,000
P. W. & B. R.R. Co., 1932, 4%.....		20,000	19,400
P. B. & L. E. R.R., 1947, 5%.....		20,000	21,400
Un. Pac. R.R., 1947, 4%.....		20,000	19,400
West End St. Ry., 1915, 4%.....		20,000	20,000
West End St. Ry., 1917, 4%.....		15,000	14,700
West End St. Ry., 1944, 5%.....		35,000	36,400
Amer. Tl. & Tg., 1929, 4%.....		50,000	44,500
New Eng. Tl. & Tg., 1932, 5%.....		40,000	40,400
N. Y. Tl. Co., 1939, 4%.....		15,000	14,700

Totals (book value, \$806,156)..... \$852,000 \$806,910

DIRECTORS: Bradford D. Davol, Charles M. Shove, Simeon B. Chase, Thomas E. Brayton, James E. Osborn, Andrew G. Pierce, Jr., George H. Hills, William O. Devoll, Charles N. Borden, Charles S. Waring, Spencer Borden, Jr., Nathan Durfee.

FALLS CITY GERMAN MUTUAL FIRE INSURANCE COMPANY, Louisville, Ky.

President, J. Phil Young; Secretary, Henry Rice. Organized, 1868.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$54,113	.....	\$54,113	\$4,422	\$8,365	\$4,376	.....	\$4,090	\$8,466	\$4,376
1913	54,188	.....	54,188	4,666	8,653	5,935	.....	4,300	10,135	5,935
1912	55,697	.....	55,753	4,915	8,888	2,442	.....	3,953	6,395	2,442

ASSETS, DEC. 31, 1914: Real estate, \$3,296; mortgage loans, \$44,500; cash, \$5,678; interest and rents, \$639; total assets, \$54,113. No liabilities.

REAL ESTATE OWNED: The company owns its office building, No. 742 E. Jefferson st., Louisville, Ky. The net rental last year was \$133.

MORTGAGE LOANS: There are 76 loans, aggregating \$44,500, and are protected by property valued at \$162,770. There was no interest past due on December 31, last. The company holds insurance on the buildings for \$90,005. Operates in the city of Louisville, Ky., only. All located in Louisville and owned by company members.

FARMERS ALLIANCE INSURANCE COMPANY, McPherson, Kan.

President, I. F. Talbott; Secretary, C. F. Mingenback. Organized, 1888.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$351,307	\$125,000	\$226,307	\$259,140	\$259,140	.....	\$51,230	\$219,635	\$271,265	.....
1913	328,204	125,000	203,204	233,113	251,223	104,080	32,075	94,801	196,881	\$104,889
1912	276,285	110,000	166,785	186,701	204,844	123,350	27,053	83,694	207,044	125,235

a Includes losses

FARMERS MUTUAL HOME ASSESSMENT ASSOCIATION, Hooper, Neb.

Secretary, Herman Mayer.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$455,829		\$65,829	\$4,693	\$8,004	\$2,370		\$1,011	\$3,285	\$2,370
1913	61,111		61,111	5,823	12,837	6,158		1,264	7,422	6,158

† Includes security fund of \$64,222. Fire risks in force, December 31, \$4,261,438. Losses paid since organization, \$49,766.

FARMERS MUTUAL HOME TORNADO INSURANCE COMPANY, Hooper, Neb.

Secretary, Herman Mayer.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$30,653		\$30,653	\$3,458	\$3,453	\$130		\$421	\$551	\$130
1913	127,723		27,723	1,525	4,631	42		399	441	42

† Cash. † Includes \$25,844 security fund.

RISKS AND PREMIUMS: Tornado risks in force, December 31, \$1,722,911. Losses paid since organization, \$3,661.

FARMERS FIRE INSURANCE COMPANY, York, Pa.

President, W. H. Miller; Secretary, A. S. McConkey. Organized, 1853.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$1,141,643	\$559,121	\$469,566	\$558,485	\$636,021	\$393,044		\$346,325	\$639,369	\$430,001
1913	1,152,425	539,580	542,514	581,719	639,443	352,618		238,295	590,913	353,590
1912	1,164,000	499,688	589,653	522,849	570,926	309,464		222,497	530,961	302,042

Unearned premiums include amounts reclaimable on perpetual policies.

Assets, Dec. 31, 1914.

	Assets, Dec. 31, 1914.	Liabilities, Dec. 31, 1914.
Real estate.....	\$44,413	Losses unpaid..... \$106,657
Mortgage loans.....	185,066	Unearned premiums..... 556,770
Bonds and stocks.....	632,868	Perp. dep. real..... 2,361
Collateral loans.....	57,139	Other liabilities..... 6,289
Cash.....	135,483	
Agents' balances.....	57,914	Total liabilities... \$672,077
Interest.....	8,771	Surplus..... 469,566
Total assets.....	\$1,141,643	Total..... \$1,141,643

Underwriting loss, \$111,201; investment profit, \$38,252.

RISKS AND PREMIUMS: Fire risks in force (except perpetuals), December 31, \$101,876,396; premiums thereon, \$1,072,706; perpetual fire risks, \$88,200; deposit premiums thereon, \$3,486.

BUSINESS SINCE ORGANIZATION: Premiums received, \$17,035,929; losses paid, \$10,964,978.

REAL ESTATE OWNED: Consists of the 2-story brick building, with 2-story brick back building, at 53-55 East Market st., York, Pa., occupied in part as the company's office (carried at book value, \$41,000), and 2 lots and 2 buildings and lots bought under foreclosure.

MORTGAGE LOANS: There are loans ranging from \$500 to \$25,000, and aggregating \$185,066. They are secured by properties in and near York, Pa., valued at \$675,108. There was \$13 of interest past due.

COLLATERAL LOANS are as follows:

	Market Value.	Amount Loaned.
City Bk. of York.....	\$828	\$500
Western Nat. Bk., York.....	1,620	
York & Chancetford Tapke Rd.....	160	1,800
Pa. R.R.....	222	
York Nat. Bk., Pa.....	1,260	1,200
Central Mkt. Ho., York.....	1,000	700
York Co. Nat. Bk., Pa.....	522	1,550
Pa. R.R.....	1,887	
1st Nat. Bk., York.....	7,128	15,440
Middletown & Swatara Co. Wat.....	9,500	
York Gas, 1941, 5%.....	525	2,852
York Gas Co.....	2,838	
York Gas Co.....	17,200	5,000
Netherlands Tramway C.....	2,250	20,000
York Ry., 1937, 5%.....	13,950	2,000

e Mutual in form; transacts business on cash plan only.

COLLATERAL LOANS.—Cont.

Securities.—Cont.

	Market Value.	Amount Loaned.
Un. Tr., B., P., B. & T. R.R., 1 m.....	\$3,000	\$1,200
1st Nat. Bk., Wrightville.....	170	65
Franklin Bldg. & Loan, Harrisburg.....	1,800	1,800
Pa. R.R.....	777	400
York Gas.....	688	281
York Water.....	165	
Central Mkt. Ho.....	600	500
P. R.R.....	388	200
York Gas Co., 1941, 5%.....	2,100	300
York Gas Co., 1941, 5%.....	210	500
York Gas Co., 1941, 5%.....	525	
Pa. R.R.....	666	900
York Gas.....	602	
Total.....	\$72,082	\$57,129

BONDS AND STOCKS OWNED:

Bonds.

	Par Value.	Market Value.
Rep. Cuba, ex. d. 1949, 5%.....	\$10,000	\$9,800
B. & O. R.R., P. L. & W. Va., r.m., 1941, 4%.....	5,000	4,350
C., C. & O. Ry., 1, 1917, 5%.....	10,000	9,850
Ches. & O. cv., 1930, 4½%.....	7,000	5,600
C.R.I. & P. Ry., 1 & r., 1934, 4%.....	1,000	720
Ga. Ry. & El. r., 1949, 5%.....	8,000	7,760
Ind. Union Ts., 1 m., 1933, 5%.....	10,000	9,000
Jamestown, F. & C., 1 m., 1959, 4%.....	10,000	9,100
Leh. & New Eng. R.R., gn. m., 1964, 5%.....	6,000	5,880
Leh. Val. gn. co. c., 2003, 4%.....	20,000	18,000
Leh. Val. gn. co. reg., 2003, 4%.....	10,000	9,000
Leh. Val. Coal, 1933, 5%.....	10,000	10,500
M., K. & T. Ry., g. n., 1915, 5%.....	5,000	4,200
N. Y. C. & H. R. R.R., eq., 1915, 5%.....	5,000	5,000
No. Cent., 2 m., 1926, 5%.....	3,000	3,180
No. Cent., ex. gn. m., 1925, 4½%.....	1,000	1,020
Phila. & Balto. C. R.R., 1 m., 1951, 4%.....	10,000	9,300
Pa. Co., g. tr. eds., 1952, 4%.....	10,000	9,200
Pa. R.R., gn. frt. eq. tr. eds., 1918, 4½%.....	10,000	10,000
Phila. & Erie gn., 1920, 5%.....	15,000	15,600
Phila. & G. St. Ry., 1 m., 1955, 5%.....	8,000	7,200
P., Y. & A., 1 gn. m., 1948, 4%.....	5,000	4,800
Potomac Valley, 1941, 5%.....	10,000	10,300
Reading Co. & G. & R.C. & I. gn., 1997, 4%.....	25,000	23,750
Tri-City Ry. & Lt. col. tr., lina. f., 1923, 5%.....	2,000	1,940

FARMERS FIRE INSURANCE COMPANY, York, Pa.—Continued.

BONDS AND STOCKS OWNED.—Cont.			BONDS AND STOCKS OWNED.—Cont.		
BONDS.—Cont.			STOCKS.—Cont.		
	Par Value.	Market Value.		Par Value.	Market Value.
York Rys., 1 m., 1937, 5%.....	\$5,000	\$4,650	York Gas, York.....	\$80,750	\$69,445
Beth. Steel, 1 in. & r., 1942, 5%.....	1,000	860	York Wat. Co., York.....	93,725	123,717
Central Mkt. Hse., York, 1939, 4%.....	10,000	10,000			
LaCade Gas Lt., r. & ext. m., 1934, 5%.....	2,000	2,020	Totals (book value, \$616,004).....	\$585,075	*\$621,693
Leh. Nav. & El., 1 s. f., 1943, 5%.....	8,000	7,120			
Morris Run Coal Mining, 1, 1923, 6%.....	5,000	4,925			
Pa. Blg., 1 m., 1915, 5 9-10%.....	5,000	5,050			
Phila. Sub. Gas & El., 1 & r., 1960, 5%.....	10,000	9,400			
York Felt & Paper, 1919, 6%.....	5,000	5,000			
York Gas, 1, 1941, 5%.....	35,100	36,855			
York Hotel Co., 1, 1926, 5%.....	10,000	9,800			
STOCKS.					
Pa.	30,250	33,577			
1st Nat., York.....	12,500	13,500			
Guardian Trust Co., York.....	22,500	30,800			
York Co. Nat., York.....	1,000	2,610			
York Nat., York.....	26,060	43,764			
Carlisle Av. Mkt. & Storage, York.....	1,000	800			
Gn. Roofing Mfg., E. St. L.....	5,000	4,650			
Gn. Adj. Bureau, N. Y. C.....	100	100			
So. Adj. Bureau, Atlanta.....	100	100			

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Conflagration losses: Baltimore, 1904, \$117,193; San Francisco, 1906, none.

DIRECTORS: W. H. Miller, D. H. Detwiler, A. S. McConkey, J. H. Schall, Jno. Stoner, R. Strickler, Chas. M. Kerr, Jno. I. Smith, Jas. W. Kilgore.

FIELD MEN AND TERRITORY COVERED: G. E. Donahue, special agent for part of N. Y. and part of Pa.; Chas. M. Kerr, special agent for part of Pa., Md. and N. J.; Arthur H. Wilson, special agent for part of N. Y. and New England States; Elmer C. Porter, special agent for part of Pa.; Geo. E. Redfield, Jr., western general agent, and Fred N. ReQua, special agent for Western States. The company operates in Conn., Ida., Ill., Ind., Ia., Md., Mass., Mich., Minn., Mo., N. J., N. Y., O., Pa., R. I. and Wis.

FARMERS MUTUAL FIRE INSURANCE COMPANY, Lincoln, Neb.

President, W. E. Straub; Secretary, J. W. Trumble. Organised, 1891.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$130,159		\$127,697	\$42,118	\$194,973	\$116,143		\$28,377	\$144,520	\$111,023
Assets, Dec. 31, 1914.										
Real estate.....	\$20,000		Losses unpaid.....	\$1,734						
Mortgage loans.....	60,600		Other liabilities.....	728						
Cash.....	42,466		Total liabilities.....	\$2,462						
Agents' balances.....	2,232		Surplus.....	127,697						
Interest and rents.....	1,853									
Other assets.....	2,928									
Total assets.....	\$130,159		Total.....	\$130,159						

Perpetual fire risks in force, \$143,755,454.

Losses paid since organization, \$1,247,340.

REAL ESTATE OWNED: The company owns its own home office building.

MORTGAGE LOANS: These comprise first mortgages on farm lands in the best part of Nebraska amounting to \$60,600.

TERRITORY COVERED: Neb. only.

FARMERS FIRE INSURANCE COMPANY OF UPPER AND LOWER SAUCON TOWNSHIPS, Bethlehem, Pa.

President, J. S. Krause; Secretary and Treasurer, J. M. Leibert. Organised, 1832.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$219,885	\$94,967	\$124,918	\$30,269	\$30,218	\$997		\$2,523	\$3,520	\$997
1913	211,180	93,423	117,757	19,629	28,930	6,773	\$18,526	2,382	27,681	6,773
1912	210,471	92,320	118,151	21,529	32,215	6,951	21,559	2,886	31,396	6,951
Assets, Dec. 31, 1914.										
Mortgage loans.....	\$132,469		Perp. dep. recd.....	\$94,967						
Bonds and stocks.....	81,250		Total liabilities.....	\$94,967						
Cash.....	1,603		Surplus.....	124,918						
Interest.....	1,905									
Unclaimed debs.....	2,658									
Total assets.....	\$219,885		Total.....	\$219,885						
RISKS AND PREMIUMS: Perpetual fire risks in force Dec. 31, \$6,326,922; deposit premiums thereon, \$94,967.										
MORTGAGE LOANS: These aggregate \$123,469 and are protected by improved residential and farm property, valued at considerably more than double the amount loaned thereon. The buildings are covered by \$138,000 insurance.										
BONDS AND STOCKS OWNED:			Par Value.			Market Value.				
BONDS.			Value.			Value.				
Baldwin Loco Works.....			\$5,000		\$5,100					
Bethlehem Steel.....			10,000		10,000					
BONDS AND STOCKS OWNED.—Cont.			Par Value.			Market Value.				
BONDS.—Cont.			Value.			Value.				
Denver & Rio Grande R. R.....			\$10,000		\$9,000					
Lehigh Valley.....			1,000		1,000					
Seaboard Air Line.....			6,000		5,800					
Westinghouse El. & Mfg.....			3,000		2,700					
Erie Trust Cts.....			4,000		3,600					
U. S. Steel.....			5,000		5,100					
Pa. & N. Y. Canal & R. R.....			1,000		1,000					
Beth. & Nazareth St. Ry.....			5,000		4,800					
Bethlehem Steel.....			7,000		8,060					
Lehigh Valley.....			2,000		2,000					
American Dock & Imp.....			10,000		12,000					
Chi. & Western Indiana R.R.....			5,000		4,700					
STOCK.										
Easton Nat. Bk.....			3,200		6,400					
Totals.....			\$77,200		\$81,250					

FARMERS MUTUAL FIRE INSURANCE COMPANY OF THE STATE OF DELAWARE, Wilmington, Del.

President, Wm. H. Swift; Secretary and Treasurer, William E. Rothwell. Organized, 1839.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$345,894	\$11,415	\$329,785	\$53,703	\$68,419	\$23,645	\$23,131	\$14,237	\$61,013	\$21,983
1913	341,439	11,395	320,594	52,584	71,572	15,428	27,079	14,376	56,981	21,876
1912	326,796	10,452	316,323	50,733	64,618	18,816	22,462	12,632	53,810	15,623

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$23,663	Losses unpaid.....	\$4,094
Mortgage loans.....	8,770	Unearned prems.....	11,415
Bonds and stocks.....	313,210		
Cash.....	251	Total liabilities.....	\$16,109
		Surplus.....	\$29,738
Total assets.....	\$345,894	Total.....	\$345,894

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,242,000; premiums thereon, \$53,703.

BUSINESS SINCE 1870: Premiums received, \$1,875,802; losses paid, \$802,571; dividends declared, cash, \$266,500; stock, \$43,426.

REAL ESTATE OWNED: Consists of the home office of the company, situated at 833 Market st., running through to Shipley st. The building is a 2-story brown stone and brick structure. The real estate is assessed at \$39,000 and at recent prices market value is from \$50,000 to \$55,000.

MORTGAGE LOANS: There are 6 loans aggregating \$8,770, and are protected by improved residential and farm property, valued at \$38,000. The buildings are covered by \$13,800 of fire insurance.

BONDS AND STOCKS OWNED:		Par Value.	Book Value.
Bonds.			
Atl. Cy. R.R., c., 5%.....	\$2,000	\$2,000	
Chi. & Nwa. R.R., c., 4%.....	10,000	9,948	
Erie R.R., eq. tr., c., 4%.....	10,000	9,838	

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Book Value.
Bonds.—Cont.			
Ill. Cent. Ry., c., 4%.....	\$10,000	\$9,937	
Leh. Val. Coal., c., 5%.....	10,000	9,992	
Leh. Val. R.R., eq. reg., 6%.....	11,000	12,589	
Montreal L.A. Ht. & Pow., c., 4%.....	3,000	3,000	
N. Y., P. & N., 1 m., c., 4%.....	35,000	34,687	
Ont. Pow., c., 5%.....	8,000	7,780	
Pa. Co. col. tr., c., 4%.....	5,000	4,987	
Pa. Co., gn. fr. eq., reg., 4%.....	15,000	14,475	
Pa. & N. Y. Canal & R.R., reg., 4%.....	5,000	5,000	
Peoria Gas & El., 1 m., c., 5%.....	16,000	16,000	
P., B. & W. R.R., c.....	10,000	9,906	
P. & R., a. l., c., 4%.....	19,000	19,000	
P., W. & B. R.R., reg., 4%.....	29,000	29,000	
Reading Co. & P. & P. C. & I., c., 4%.....	10,000	9,937	
R.-W., col. tr., c., 4%.....	15,000	14,550	
W. Va. Pulp & Paper, c., 5%.....	20,000	19,950	
Wil. Gas, c., 5%.....	8,000	7,840	

STOCKS.		Par Value.	Book Value.
Del. R.R.....			27,006
Little Schuylkill Nav. R.R. & Coal.....			6,495
Mine Hill & Schuylkill H. R.R.....			6,337
Pa. R.R.....			23,355

Totals..... \$299,650 \$313,210

TERRITORY COVERED: Company operates in Del. only.

FARMERS MUTUAL FIRE INSURANCE COMPANY, OF HOUGHTON, KEWEENAW AND ONTONAGON COUNTIES, Calumet, Mich.

President, S. P. Waara; Secretary, Math. W. Kilpela.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$948,368	.....	\$48,368	\$25,605	\$37,425	\$7,119	\$12,130	\$4,025	\$23,274	\$7,119
1913	44,217	.....	44,217	23,782	25,135	3,264	10,011	3,485	10,860	.....
1912	25,943	.....	25,943	21,107	23,036	3,987	13,760	3,298	21,045	.....

Fire risks in force, December 31, \$2,171,742.

‡ Cash.

FARMERS MUTUAL FIRE INSURANCE COMPANY, Salem, N. J.

President, E. Smith Bassett; Secretary, Woodnut Pettit. Organized, 1851.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$125,819	\$40,540	\$84,709	\$21,766	\$37,044	\$7,107	.....	\$6,759	\$13,866	\$7,283
1913	112,541	37,836	74,407	20,483	25,547	16,386	\$445	5,414	22,245	18,124
1912	106,156	35,750	73,009	17,585	22,462	11,421	355	5,111	16,887	11,438

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$73,735	Losses unpaid.....	\$176
Bonds and stocks.....	45,130	Unearned prems.....	40,540
Cash.....	3,506	Other liabilities.....	394
Interest.....	1,799		
Prms. uncollected..	1,649	Total liabilities.....	\$41,110
		Surplus.....	\$4,709
Total assets.....	\$125,819	Total.....	\$125,819

MORTGAGE LOANS: There are loans aggregating \$73,745, protected by improved real estate in Salem, Camden and Cape May Counties, N. J., valued at more than double the amount loaned thereon. Company holds ample fire insurance on the buildings.

FARMERS RELIANCE INS. CO. OF NEW JERSEY, Camden, N. J.

President, William B. Shedaker; Secretary, R. L. Shivers. Organized, 1879.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$236,977	.....	\$27,977	\$87,001	\$88,772	\$74,488	.....	\$5,581	\$80,069	\$74,488
1913	117,375	.....	17,275	86,768	86,843	69,727	.....	5,965	75,892	69,727
1912	123,526	.....	3,526	46,935	48,541	70,065	.....	4,240	74,305	70,065

Fire risks in force, December 18, \$23,694,406.

‡ Cash.

FINNISH MUTUAL FIRE INSURANCE COMPANY, Calumet, Mich.

President, Henry A. Kittl, Secretary, John Waattl. Organized, 1890.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$140,992	.....	\$140,992	\$41,473	\$45,838	\$3,628	\$16,956	\$18,140	\$33,794	\$3,628
1913	128,281	.....	1125,448	40,929	45,505	10,732	19,302	6,087	42,131	16,732
1912	127,888	.....	1124,201	41,885	50,733	11,688	21,313	7,214	40,110	11,683

† Including reinsurance reserve.

ASSETS, DEC. 31, 1914: Red Jacket Village Bonds, \$24,000; C. C. Big. & Loan Assn. stock, \$16,088; cash, \$97,920; other assets, \$3,294; total assets, \$140,992. No liabilities.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,964,496.
Losses paid since organization, \$119,525; dividends declared, cash, \$232,431.

FIRE INSURANCE COMPANY OF NORTHAMPTON COUNTY, Easton, Pa.

President, H. P. Kinsey; Secretary, A. C. Rodenbach. Organized, 1830.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$290,106	\$188,816	\$110,290	\$52,606	\$68,219	\$3,760	.....	\$7,181	\$10,941	\$3,760
1913	299,457	189,739	109,718	53,956	69,241	7,935	55,411	7,089	70,435	7,935
1912	299,628	191,195	108,433	49,975	66,732	8,590	51,949	6,615	67,154	8,590

Unearned premiums include amount reclaimable on perpetual policies.

ASSETS, DEC. 31, 1914.

Mortgage loans.....	\$119,232	Perp. dep. recd.....	\$188,816
Bonds and stocks.....	99,957	Total liabilities.....	\$188,816
Cash.....	8,331	Surplus.....	110,290
Bills receivable.....	66,796		
Interest and rents.....	4,270		
Other assets.....	470		
Total assets.....	\$290,106	Total.....	\$290,106

RISKS AND PREMIUMS: Perpetual fire risks in force Dec. 31, \$6,191,619; deposit premiums thereon, \$188,816.

MORTGAGE LOANS: There are \$119,232 of mortgage loans, protected by property in or near Easton, Pa., valued at more than double the amount loaned thereon.

BONDS OWNED:

	Par Value.	Market Value.
Easton & So. Bethlehem Tr.....	\$4,000	\$4,100
East. Palmer & Bethel St. Ry.....	1,000	1,000
Wabash-Pitts. R. R.....	4,000	400

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Lehigh Valley R. R.....	\$2,000	\$1,950
Delaware Gas Light.....	5,000	5,200
Buff. & Susq.....	2,100	2,100
Penna. Co.....	10,000	9,800
Northampton Heights.....	3,000	3,000
Lehigh Valley, 4%.....	8,000	7,605
Wilkesbarre, so.....	2,000	2,200
Mahoning & Shen. Ry. St.....	5,000	4,100
Scranton El.....	5,000	5,100
West Penn. Ry.....	18,000	18,000
Phila. Co.....	10,000	9,750
Edison El., Scranton.....	3,000	3,000
Penn. R. R., stk.....	13,000	14,300
Buffalo & Susquehanna R.R.....	1,350	2,835

Totals (book value, \$103,636)..... \$101,450 \$97,585

FIRE RELIEF ASSOCIATION OF WAYNE COUNTY, Newark, N. Y.

President, Albert Yeomans; Secretary, O. M. Lincoln.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	*\$18,400	.....	\$18,400	\$18,328	\$18,913	\$20,329	.....	\$2,215	\$22,544	.....
1913	*22,032	.....	22,032	17,579	18,003	9,097	.....	2,306	11,403	.....
1912	* 15,431	.....	15,431	21,870	22,046	14,737	\$16	2,364	17,117	\$14,737

* Cash.

Fire risks in force, December 31, \$10,110,266.

MISCELLANEOUS: The law of 1910 allows co-operative companies seven years for accumulation of reserve.

FIREMENS MUTUAL INSURANCE COMPANY, Providence, R. I.

President, Frederick W. Moses; Secretary, Joseph T. A. Eddy. Organized, 1854.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$1,717,859	\$913,298	\$784,599	\$991,369	\$1,123,552	\$401,926	\$766,884	\$92,524	\$1,261,334	\$403,994
1913	1,903,336	819,535	1,068,392	940,446	1,027,768	120,265	768,743	108,461	997,469	.....
1912	2,010,556	823,960	1,181,164	1,139,832	1,223,596	50,322	959,177	142,730	1,152,229	53,650

ASSETS, DEC. 31, 1914.

Bonds and stocks.....	\$1,582,654	Losses unpaid.....	\$11,862
Cash.....	85,493	Unearned prem.....	\$13,298
Agents' balances.....	28,543	Other liabilities.....	8,100
Interest.....	11,169	Total liabilities.....	\$933,260
		Surplus.....	734,599
Total assets.....	\$1,717,859	Total.....	\$1,717,859

Net amount of members' liability, Dec. 31, \$3,600,709; underwriting profit, \$401,002; investment profit, \$85,088.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$233,732,320; premiums thereon, \$1,720,142.

BUSINESS SINCE ORGANIZATION: Premiums received, \$25,565,580; losses paid, \$3,456,573; dividends declared, cash, \$20,061,621.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
U. S., 1925, 4%.....	\$40,000	\$44,400
U. S., 1918, 3%.....	40,000	40,400
R. I., reg., 1924, 3%.....	100,000	96,000
R. I., hwy. reg., 1936, 3%.....	30,000	26,800

BONDS AND STOCKS OWNED.—Cont.		BONDS AND STOCKS OWNED.—Cont.	
	Par Value.		Par Value.
BONDS.—Cont.		STOCKS.—Cont.	
L. 1939, 3½%	\$6,000	Hereford Ry., c.	\$10,000
L. 1941, 3½%	7,000	Ill. C. R.R., c.	50,000
L. arm. reg. 1946, 3½%	70,000	Manhattan Ry., c.	20,000
Ohio pay. reg. 1959, 3½%	73,000	N. Y., N. H. & H. R.R., c.	24,000
Ohio pay. reg. 1961, 4½%	25,000	No. Pac. Ry., c.	20,000
Ohio pay. reg. 1963, 4½%	25,000	Old Colony R.R., c.	10,000
Pa. & O. R.R. 1949, 3½%	10,000	Pa. R.R., c.	75,000
Shenandoah St. Ry., 1933, 5½%	10,000	Pitta. Bes. & L. Erie R.R., c.	10,000
Western United Ry., 1932, 4½%	10,000	Pitta. McK. & Y. R.R., c.	20,000
St. Louis Sub., 1932, 5½%	10,000	Un. Pac. R.R., p.	50,000
Western Rap. Tran., 1906, 5½%	25,000	Upper Coos R.R., c.	13,000
S. & M. S. Ry., 1923, 4½%	10,000	West End St. Ry., c.	13,000
I. R.R. 1949, 4½%	25,000	Blackstone Canal Nat. Bk., Prov., R.I.	2,500
Y. N. H. & H. R.R., 1948, 6½%	6,000	Nat. Bk. Commerce, Prov., R. I., c.	10,000
Pac. & Gt. No. Ry. reg. 1921, 4½%	55,000	Union Trust, Prov., R. I., c.	8,000
I. Sub. Ry. 1950, 1½%	62,000	Amer. Tl. & Tg., c.	40,000
Central Tn. R.R., 1957, 4½%	11,000	Consumers Pow., p.	20,000
Atlanta Fe. & El., 1933, 5½%	20,000	Gold & Stk. Tg., c.	10,000
N. Tl. & Tg., 1953, 4½%	16,800	Mich. L., p.	20,000
Ohio Gas, 1939, 5½%	25,000	Narragansett El. Lt., c.	35,000
Mich. Edison, 1931, 5½%	25,000	Providence Gas, c.	20,800
Y. & W. Lag., 2004, 4½%	25,000	Providence Tel., c.	15,000
At. Pow., Niagara Falls, 1943, 5½%	25,000	Pullman, c.	12,000
Eastern El., N. J., 1949, 4½%	20,000	St. L. Bg., 1 p.	14,000
Western El., 1923, 5½%	25,000		
STOCKS.		Totals (book value, \$1,565,015).....	
T. & S. Fe Ry., p.	30,000		\$1,517,800
A. & Nwn. Ry., c.	60,000		\$1,582,654
I. Mich. & St. P. Ry., c.	10,000	DIRECTORS: C. Prescott Knight, Charles Warren Lippitt,	
I. M. & St. P. Ry., p.	10,000	Frank H. Maynard, Stephen O. Metcalf, Robert W. Taft, Russell	
C. C. & St. L. Ry., p.	10,000	Grinnell, Frederick W. Moses, Herbert E. Cushman, John O.	
C. C. & St. L. Ry., c.	4,400	Ames, Jas. A. Atwood, F. E. Richmond, 2d, C. L. Allen.	
H. & Sw. R.R., c.	10,000	TERRITORY COVERED: The company operates in Mass.,	
W. & J. R.R., p.	10,000	Mich., N. Y., R. I., S. C., Wis., Me., N. H., N. C., O., Ill. and Pa.	
No. Ry., p.	29,700		

President, Lincoln R. Welch; Secretary, B. J. Alley. Organized, 1847.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'ys'r's	Expenses	Total Expenditures	Losses Incurred
1914	\$248,343	\$174,218	\$13,036	\$187,365	\$201,022	\$129,054	\$53,304	\$72,419	\$254,777	\$129,991
1913	270,021	185,599	69,997	208,229	223,134	95,156	49,060	67,683	211,899	94,977
1912	274,392	177,515	83,597	174,956	188,837	59,784	41,421	66,417	167,544	65,134

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Real estate.....	\$58,000		Losses unpaid.....	\$11,414	
Mortgage loans.....	3,425		Unearned premiums.....	174,218	
Bonds and stocks.....	174,571		Borrowed money.....	40,000	
Cash.....	2,272		Other liabilities.....	9,675	
Agents' balances.....	15,301				
Interest and rentals.....	1,800		Total liabilities.....	\$235,307	
Other assets.....	200		Surplus.....	13,036	
Total.....	\$255,575				
Sp'd. over liab.....	7,233				
Total assets.....	\$248,343		Total.....	\$248,343	

Net amount of members' liability, Dec. 31, \$359,184; underwriting loss, \$792; investment profit, \$8,291.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$26,548,720; premiums thereon, \$352,006.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,752,194; losses paid, \$2,694,574; dividends declared, \$1,633,813.

REAL ESTATE OWNED: A 5-story brick and stone building occupied for stores, office and apartments, 372-4-6 Main st., Fitchburg, Mass., value, \$58,000, and covering an area of 4,000 square feet. Total rents received in 1914, \$5,112, expenses and taxes, \$4,342.

MORTGAGE LOANS: There are 4 loans, aggregating \$3,425, on dwellings in Fitchburg, and Leominster, valued at \$11,400. The company holds \$6,900 insurance, and there was no interest past due on December 31, last.

BONDS AND STOCKS OWNED:		
Bonds.	Par Value.	Market Value.
Mass. State, 1935, 34%.....	\$5,000	\$4,650
Brookline, Mass., 1922, 4%.....		5,100
Cordale, Ga., 1922, 5%.....	5,000	5,150
Fitchburg, Mass., 1923-3, 4%.....	5,000	5,000
Hartford, Conn., 1924, 34%.....	1,000	890
Holyoke, Mass., 1927, 4%.....	5,000	5,000
Lincoln, Mass., 1922, 34%.....	3,000	2,780
Lockport, N. Y., 1922, 44%.....		3,080
Malden, Mass., 1924, 4%.....	5,000	4,950
Marietta, Ga., 1920, 5%.....	5,000	5,200

BONDS AND STOCKS OWNED.—Cont.		
	Par Value.	Market Value.
New Haven, Conn., 1934, 4%.....	\$3,000	\$2,940
Pawtucket, R. I., 1944, 4%.....	5,000	4,850
Schenectady, N. Y., 1928, 4%.....	5,000	4,900
Stamford, Conn., 1934, 4%.....	3,000	2,970
Stamford, Conn., 1938, 4%.....	3,000	2,970
Syracuse, N. Y., 1961, 44%.....	5,000	5,050
Taunton, Mass., 1936, 4%.....	5,000	5,000
Waltham, Mass., 1919, 34%.....	3,000	2,910
Williamstown, Conn., 1934, 4%.....	4,000	3,920
Woonsocket, R. I., 1935, 4%.....	1,000	960
Boston E. Ry., 1935, 4%.....	5,000	4,300
Bos. & Albany R.R., 1934, 4%.....	5,000	4,700
Fitchburg R.R., 1925, 44%.....	3,000	2,760
Fitchburg & Leominster St. R.R., 1917, 6%.....	5,000	5,000
L. S. & M. S. R.R., 1931, 4%.....	5,000	4,700
West End Ry., 1923, 44%.....	5,000	5,000
United Fruit, 1923, 44%.....	5,000	4,700
American Tl. & Tg., 1933, 44%.....	5,000	4,950

Stocks.

Boston & Maine R.R.....	2,000	700
Fitchburg R.R.....	10,000	7,800
N. Y., N. H. & H. R. R.....	7,500	4,125
Pa. R.R.....	6,250	6,937
Fitchburg Bk. & Tr.....	3,000	4,800
Springfield Safe Dep. & Tr.....	1,500	3,495
American Tl. & Tg.....	12,000	14,760
New England Tl. & Tg.....	5,500	7,150
Pullman Co.....	10,000	15,500

Totals (book value, \$132,489).....	\$177,750	\$174,578
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MISCELLANEOUS: Conflagration loss: Chelsea, 1908, \$20,000. Value of deposit in Ga., \$10,350.

DIRECTORS: J. M. Lockey, F. Foedick, C. F. Baker, L. R. Welch, C. B. Smith, Fred C. Nichols, R. N. Wallis, J. L. Johnson, R. S. Parks, W. C. Goodwin.

TERRITORY COVERED: The company is licensed in Cal., Conn., D. C., Ga., Ind., Kan., Me., Mass., Mich., Md., Mo., Minn., N. H., N. Y., N. C., Ore., R. I., S. C., Tenn., Vt. and Wis.

FRANKFORD MUTUAL FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, Wm. H. Shallross; Secretary, Wm. C. Taylor. Organized, 1843.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$331,190	\$48,555	\$332,104	\$10,828	\$29,704	\$3,774	.....	\$12,356	\$13,016	\$3,774
1913	365,700	46,511	318,658	10,228	28,581	3,103	.....	10,687	13,792	3,105
1912	353,355	45,634	307,190	8,446	26,205	2,550	.....	10,476	13,026	2,550

Unearned premiums include amount reclaimable on perpetual policies.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$38,550	Unearned prem.....	\$17,019
Mortgage loans.....	280,400	Perp. dep. rec.....	31,536
Bonds and stocks.....	42,672	Other liabilities.....	531
Notes for prem.....	10,055		
Cash.....	5,182	Total liabilities.....	\$49,086
Agents' balances.....	1,237	Surplus.....	332,104
Interest and rents.....	986		
Other assets.....	2,054		
Total assets.....	\$381,190	Total.....	\$381,190

MORTGAGE LOANS: These aggregate \$280,400 and are protected by improved real estate in Philadelphia and vicinity, valued at more than double the amount loaned thereon.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Reading Co., gm., 4%.....		\$10,000	\$9,100
Lehigh Valley R. R., 4%.....		13,000	11,570
Lehigh Coal & Nav., 4%.....		5,000	4,887
Pennsylvania Co., 4%.....		5,000	4,600
Bristol Twp., 4%.....		5,000	5,000
Electric & Peoples Co., etc.....		5,000	3,875
North Penna. R. R., stk.....		2,000	3,640
Totals.....		\$45,000	\$42,672

RISKS AND PREMIUMS: Perpetual fire risks in force Dec. 31, \$8,309,302; deposit premiums thereon, \$48,555.

Totals..... \$45,000 \$42,672

FRANKLIN MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.

President and Treasurer, Joseph G. Henshaw; Secretary, Richard Bowen. Organized, 1854.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$48,794	\$24,452	\$24,024	\$12,399	\$15,085	\$6,584	\$3,724	\$6,114	\$16,422	\$6,536
1913	49,683	23,075	26,395	10,794	13,367	3,923	3,365	5,903	13,191	.....
1912	53,377	22,925	29,910	9,876	16,618	5,325	3,021	6,745	15,090	5,517

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks.....	\$44,918	Losses unpaid.....	\$5
Cash.....	2,827	Unearned prem.....	24,452
Agents' balances.....	729	Other liabilities.....	313
Interest and rents.....	4		
Other assets.....	316	Total liabilities.....	\$24,770
		Net surplus.....	24,024
Total assets.....	\$48,794	Total.....	\$48,794

STOCKS OWNED.		Par Value.	Market Value.
Nat. Bk. of Commerce, Prov.....		\$5,000	\$7,100
Ill. Cent. R. R.....		6,800	6,406
Pa. R. R.....		12,100	13,431
Chl. & N. W. Ry.....		6,200	8,346
No. Pac. Ry.....		2,500	2,775
Union Pac. R. R.....		2,500	3,200
So. Pac. Ry.....		2,500	2,400
So. Pacific of. of int.....		600	532
Balto. & Ohio.....		500	445
Balto. & Ohio, p.....		300	243
Totals (book value, \$38,000).....		\$38,000	\$44,918

Underwriting loss, \$1,928; investment profit, \$73,288.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,376,362; premiums thereon, \$46,513.

BUSINESS SINCE ORGANIZATION: Premiums received, \$363,539; losses paid, \$120,733; dividends declared, cash, \$167,513.

Totals (book value, \$38,000)..... \$38,000 \$44,918

TERRITORY COVERED: R. I. only.

GERMAN MUTUAL FARMERS FIRE INSURANCE CO., Mishicot, Wis.

President, I. Beyer; Secretary, H. Stehn. Organized, 1874.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$30,159	.....	\$35,309	\$4,187	\$5,397	\$1,197	.....	\$300	\$1,997	\$1,197
1913	26,759	.....	26,759	2,685	3,607	320	293	785	1,378	330
1912	24,530	.....	24,237	3,263	4,383	5,400	.....	756	6,156	5,400

ASSETS, DEC. 31, 1914: Mortgage loans, \$19,180; cash, \$2,459; other assets, \$8,570; total assets, \$30,159. Liabilities: Losses unpaid, \$4,850.

Fire risks in force, December 31, \$3,059,322.

Losses paid since organization, \$67,398.

GERMAN MUTUAL FIRE INS. CO. OF NORTH CHICAGO, Chicago, Ill.

President, John C. Cramer; Secretary, N. J. Schmits. Organized, 1867.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$153,041	.....	\$153,041	\$4,811	\$11,122	\$3,332	.....	\$3,088	\$6,420	\$3,332
1913	148,339	.....	148,339	5,269	10,810	3,152	.....	3,095	6,247	3,152
1912	143,776	.....	143,776	4,145	9,430	3,851	.....	2,733	6,584	3,854

ASSETS, DEC. 31, 1914: Bonds, \$147,500; cash, \$5,541; total assets, \$153,041. No liabilities.

Net amount of members' liability, Dec. 31, \$44,775; underwriting profit, \$4,702.

Fire risks in force, December 31, \$2,799,600.

BONDS AND STOCKS OWNED: Carried at par value. Market value: Cook Co., b., \$10,500; Chicago City, b., \$118,000; Chicago San. Dis., b., \$19,000; totals, \$147,500.

TERRITORY COVERED: Ill. only.

GERMAN MUTUAL FIRE INSURANCE COMPANY, Covington, Ky.

President, A. Nordmeyer; Secretary, Wm. F. Schild. Organised, 1874.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$176,884	\$21,746	\$152,957	\$10,766	\$19,924	\$5,813	.....	\$8,545	\$14,358	\$5,813
1913	170,344	20,108	146,976	10,111	18,693	5,061	.....	8,641	13,702	8,322
1912	165,722	19,103	146,619	9,781	18,292	3,618	.....	7,723	11,341	8,618

ASSETS, Dec. 31, 1914.

Real estate.....	\$52,000	Unearned prems.....	\$21,746
Bonds and stocks....	118,400	Other liabilities.....	2,181
Cash.....	2,452		
Interest and rents....	2,474	Total liabilities....	\$23,927
Other assets.....	1,558	Net surplus.....	152,957
Total assets.....	\$176,884	Total.....	\$176,884

Net amount of members' liability, Dec. 31, \$74,347.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,949,625; premiums thereon, \$41,641.

BUSINESS SINCE ORGANIZATION: Premiums received, \$323,114; losses paid, \$96,304.

REAL ESTATE OWNED: Three and two story brick buildings situated on the South West corner of Pike street and Madison Ave., Covington, Ky., carried at book value.

BONDS AND STOCKS OWNED.

	Par Value.	Market Value.
Covington, 4%.....	\$39,100	\$39,100
First National Bk., Covington, Ky., stk..	14,300	23,500
Citizens Nat. Bk., Covington, Ky., stk....	3,000	5,100
Covington Sav. Bk. & Tr. stk.....	500	700
Totals.....	\$106,900	\$118,400

TERRITORY COVERED: Ky. only.

GERMAN MUTUAL FIRE INSURANCE COMPANY of Jefferson County, Louisville, Ky.

President, Louis Dismar; Secretary, Wm. Eigelbach. Organised 1874.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$22,348	.....	\$22,348	\$5,273	\$6,423	\$5,216	.....	\$3,216	\$8,432	\$5,216
1913	24,357	.....	24,357	13,365	14,278	8,099	.....	3,272	11,871	8,099
1912	15,999	.....	15,999	12,155	13,204	6,757	.....	2,761	9,518	6,757

ASSETS, DEC. 31, 1914: Bonds and stocks, \$21,925; cash, \$433; total assets, \$22,348. No liabilities.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,537,975; premiums thereon, \$5,418.

MISCELLANEOUS: The company transacts a fire storm, lightning and builders' risk insurance on the assessment plan in Ky. only.

BONDS OWNED:

	Par Value.	Market Value.
Frankfort, wr.....	\$6,000	\$6,000
Louisville Cy.....	16,000	15,925
Totals.....	\$22,000	\$21,925

GERMAN MUTUAL INSURANCE COMPANY, Cincinnati, O.

President, J. H. Kohmescher; Secretary, H. A. Rattermann. Organised, 1858.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$564,549	\$109,385	\$454,482	\$47,865	\$74,919	\$15,851	\$21,628	\$21,377	\$58,856	\$11,582
1913	556,360	110,321	446,399	50,932	77,720	10,669	22,733	22,640	56,032	12,906
1912	549,622	107,630	439,335	45,606	70,658	12,160	19,728	23,209	60,097	14,261

ASSETS, DEC. 31, 1914.

Real estate.....	\$60,000	Unearned prems.....	\$109,385
Mortgage loans.....	4,800	Other liabilities.....	682
Bonds and stocks.....	496,435	Total liabilities....	\$110,067
Cash.....	554	Surplus.....	454,482
Interest and rents....	3,760	Total.....	\$564,549

RISKS AND PREMIUMS: Fire risks in force, December 31, \$23,942,565; premiums thereon, \$216,939.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,200,990; losses paid, \$600,433; dividends declared, cash, \$688,300.

REAL ESTATE OWNED: The company owns an office building located on the southwest corner of 12th and Walnut streets, Cincinnati, O., carried at book value, \$60,000. Last year it received \$3,800 in rents and paid \$492 expenses.

MORTGAGE LOANS: There are loans aggregating \$4,800, protected by improved real estate in Cincinnati, valued at more than double the amount loaned. The company holds ample insurance on the mortgaged buildings.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
Cincinnati, ex. 1945.....	\$26,000	\$23,660
Cincinnati a. f., 1937-57.....	10,000	9,400
Cincinnati, a. f., 1934-54.....	27,000	21,300
Cincinnati, wat. wks., 1928-49.....	63,000	63,100

BONDS AND STOCKS OWNED.—Cont.

	Par Value.	Market Value.
Cleveland, ex. 1928.....	\$6,000	\$6,180
Cincinnati, ex. ca., 1924-44.....	25,500	29,000
Cincinnati, a. f., 1932-52.....	5,000	4,550
Cincinnati, a. f., 1936-56.....	17,000	15,300
Cincinnati, ex. ca., 1920-40.....	5,000	5,000
Cincinnati st. imp., 1929.....	6,500	6,500
Cincinnati So. Ry., r., 1959.....	11,000	11,000
Cincinnati, viaduct, 1950.....	5,000	5,000
Cincinnati, pk., 1958.....	7,000	7,000
Cincinnati st. port., 1924.....	5,000	5,000
Cincinnati fire dept., 1934.....	6,500	6,565

STOCKS.

Cincinnati St. Ry.....	50,000	53,750
Little Miami R.R.....	10,000	20,750
Cincinnati Gas & El.....	60,000	40,500
Cin., N. O. & Tex. Pac. R.R.....	50,000	54,000
Fleischmann Co.....	30,000	37,500
U. S. Playing Card.....	7,700	12,897
Eagle White Lead.....	15,000	16,500
Phila. Carey Co.....	17,850	18,408
Amer. Oak Leather.....	11,000	10,175
Clev. & Pitts. R.R.....	10,000	9,500

Totals.....\$491,200 \$496,065

TERRITORY COVERED: Ohio only.

GERMAN WASHINGTON MUTUAL FIRE INSURANCE ASSOCIATION, Louisville, Ky.

President, H. A. Brinkhaus; Secretary, G. W. Frank. Organised, 1860.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$122,686	.....	\$122,686	\$7,175	\$13,956	\$2,490	.....	\$6,060	\$8,550	\$2,490
1913	117,290	.....	117,390	6,016	13,095	6,707	.....	6,524	13,231	6,707
1912	116,825	.....	116,825	5,589	13,085	1,728	.....	5,636	7,364	1,728

ASSETS, DEC. 31, 1914: Bonds and stocks \$117,450; cash, \$5,236; total assets, \$122,686. No liabilities.

Fire risks in force December 31, \$6,442,765.

BUSINESS SINCE ORGANIZATION: Premiums received, \$195,795; losses paid, \$85,556.

MORTGAGE LOANS: There are 200 loans on Louisville city property aggregating \$117,450, valued at \$369,050 and on which the company holds \$357,781. There was no interest past due December 31 last.

TERRITORY COVERED: Louisville only.

GERMANTOWN FARMERS MUTUAL INSURANCE COMPANY, South Germantown, Wis.

President, George Klippel; Secretary, J. A. Schwalbach. Organised, 1854.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$293,951	\$23,309	\$259,642	\$21,060	\$34,353	\$8,418	.....	\$10,427	\$18,845	\$8,418
1913	268,792	23,039	243,753	21,690	32,700	6,297	.....	10,539	16,836	7,463
1912	252,175	21,611	230,564	19,967	30,255	8,804	.....	9,644	18,458	9,514

ASSETS, DEC. 31, 1914: Real estate, \$11,250; mortgage loans, \$235,990; cash, \$31,815; agents' balances, \$982; interest and rents, \$3,444; total assets \$282,952. Liabilities; unearned premiums, \$23,309.

Underwriting profit, \$5,317; investment profit, \$11,085.

REAL ESTATE OWNED: Consists of company's home office building and lot, carried at book value.

MORTGAGE LOANS: There are 87 loans, aggregating \$235,990, and secured by first liens on real estate and buildings valued

at \$648,100. The company holds \$218,725 of insurance on the buildings.

MISCELLANEOUS: The company was established in 1854. Incorporated under a special charter and the business of the company is done on a cash plan. During 1908, 1910 and 1915 dividends of \$510,000 were paid to policyholders. The company operates in Wis. only.

DIRECTORS: J. F. Schwalbach, George Klippel, Jacob Becker, Andrew Schneider, Herman Seefeld.

GLEN COVE MUTUAL INSURANCE COMPANY, Glen Cove, N. Y.

President, James H. Ludlam; Secretary, James W. Townsend. Organised, 1837.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$185,871	\$34,818	\$130,656	\$46,743	\$56,076	\$33,332	\$32,541	\$20,502	\$46,375	\$35,132
1913	175,344	30,737	123,939	39,430	48,633	20,327	19,264	20,347	42,938	18,632
1912	166,664	29,637	132,311	41,127	50,572	28,308	51,932	17,984	48,719	31,141

Includes settlements with retiring members.

Assets, Dec. 31, 1914.

Real estate.....	\$30,000	Losses unpaid.....	\$3,178
Mortgage loans.....	120,350	Unearned prems.....	34,818
Bonds.....	10,150	Other liabilities.....	17,219
Cash.....	13,151		
Agents' balances.....	10,265	Total liabilities.....	\$55,215
Interest.....	1,955	Surplus.....	130,656
Total assets.....	\$185,871	Total.....	\$185,871

Net amount of members' liability, Dec. 31, \$376,821; underwriting loss, \$3,474; investment profit, \$3,612.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$11,127,246; premiums thereon, \$68,065.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,199,772; losses paid, \$727,984;

REAL ESTATE OWNED: Consists of a 3-story brick building on Glen st., Glen Cove and frame horse shed.

MORTGAGE LOANS: There are 43 loans, ranging from \$200 to \$9,000, and aggregating \$120,350. They are secured by Brooklyn, Glen Cove, Sea Cliff and other Long Island properties, worth more than double amount loaned. There was no interest past due on December 31, last. The company holds ample insurance on the mortgaged buildings.

BONDS OWNED:	Par Value.	Market Value.
U. S. Steel, a. f., 1903, 5%.....	\$5,000	\$5,150
So. Pow., 1930, 5%.....	5,000	5,000
Totals (book value, \$9,675).....	\$10,000	\$10,150

MISCELLANEOUS: The company transacts a surplus line business through Henry W. Brown & Co., New York.

FIELD MEN AND TERRITORY COVERED: Henry W. Brown & Co., general agents, New York City.

GRAIN DEALERS NATIONAL MUTUAL FIRE INSURANCE COMPANY, Indianapolis, Ind.

President, J. W. McCord; Secretary, C. A. McCotter. Organized, 1902.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$447,311	\$140,081	\$298,238	\$278,674	\$297,612	\$118,178	.....	\$73,077	\$186,255	\$114,594
1913	344,451	113,843	228,394	228,474	240,962	115,628	.....	65,851	181,477	115,628
1912	274,241	99,569	170,228	218,239	224,797	61,115	.....	52,662	113,777	60,107

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$189,225	Losses unpaid.....	\$2,600
Bonds.....	156,211	Unearned prems.....	140,081
Cash.....	85,085	Other liabilities.....	6,392
Agents' balances.....	10,240		
Interest.....	6,450	Total liabilities.....	\$149,073
		Surplus.....	298,238
Total assets.....	\$447,311	Total.....	\$447,311

Net amount of members' liability, Dec. 31, \$2,006,218; underwriting profit, \$61,431; investment profit, \$10,413.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$19,922,774; premiums thereon, \$280,162.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,812,240; losses paid, \$871,720;

MORTGAGE LOANS: These 58 loans aggregate \$189,225, on improved real estate in Indiana, valued at more than double that sum. There was \$180 of interest past due on December 31, last. Company holds \$12,300 fire insurance on the buildings.

BONDS OWNED:		Par Value.	Market Value.
Whiting, Ind.....		\$7,000	\$7,550
Michigan Cy., Ind.....		13,000	13,000
Lagrange Co., Ind.....		9,000	9,100

BONDS OWNED.—Cont.		Par Value.	Market Value.
Gary, Ind.....		\$10,000	\$10,300
Washington, Ind.....		14,000	14,420
Lake Co., Ind.....		15,000	14,885
Mishawaka, Gn. Purpose.....		5,000	5,000
Grant Co., Ind.....		10,780	11,858
Princeton, Ind.....		5,000	5,060
Carlisle, Ind., So.....		6,918	7,013
White Co., Ind., So.....		5,446	5,500
Garrett, Ind., So.....		8,000	8,320
Jay Co., Ind., So.....		13,500	13,818
Lebanon, Ind.....		14,000	14,320
Portland, Ind.....		17,000	17,000

Totals (book value, \$153,644)..... \$153,644 \$156,212

DIRECTORS: J. W. McCord, Chas. S. Clark, A. E. Reynolds, H. S. Grimes, J. W. Sale, Thos. A. Morrison, C. A. McCotter, V. E. Butler, R. F. Cummings.

TERRITORY COVERED: The company is licensed in Ind., Kan., Ill., Mass., Mich., Minn., Mo., Neb., N. J., N. Y., O., Pa. and S. D.

GRAIN DEALERS MUTUAL FIRE INSURANCE COMPANY, Boston, Mass.

President, Dean K. Webster; Secretary, A. Shirley Ladd. Organized, 1907.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$74,964	\$37,470	\$30,205	\$84,267	\$94,304	\$43,568	\$24,614	\$37,417	\$105,600	\$43,092
1913	85,247	45,750	36,461	93,228	106,728	38,343	24,548	33,543	96,434	37,313
1912	78,830	37,707	37,183	76,872	87,557	17,009	16,491	26,959	60,459	18,210

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$61,850	Losses unpaid.....	\$26
Cash.....	5,719	Unearned prems.....	37,470
Agents' balances.....	5,994	Other liabilities.....	7,263
Interest and rents.....	1,110		
Other assets.....	391	Total liabilities.....	\$44,759
		Surplus.....	30,205
Total assets.....	\$74,964	Total.....	\$74,964

Underwriting profit, \$14,824; investment profit, \$4,052.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$6,448,717; premiums thereon, \$106,595.

BUSINESS SINCE ORGANIZATION: Premiums received, \$24,657; losses paid, \$180,715; dividends declared, cash, \$97,698.

BONDS OWNED:		Par Value.	Market Value.
Boston, Mass., 1921, 4%.....		\$1,000	\$990
Waltham, Mass., 1916, 4½%.....		1,000	1,010
B. & A. R. R., 1924, 4%.....		2,000	1,880
B. & M. R. R., 1921, 2½%.....		2,000	1,640
B. & M. R. R., 1929, 4½%.....		3,000	2,310
B. & No. R. R., 1924, 4%.....		3,000	2,640
L. S. & M. S. R. R., 1931, 4%.....		2,000	1,880
Mt. El. Ry. & L., 1961, 5%.....		3,000	2,790
N. Y. N. H. & H. R. R., 1955, 4%.....		2,000	1,480
N. Y. N. H. & H. R. R., 1956, 4%.....		1,000	740
W. E. St. Ry., 1917, 4%.....		2,000	1,990
W. E. St. Ry., 1920, 4½%.....		2,000	1,940
W. E. St. Ry., 1932, 5%.....		2,000	2,060

BONDS OWNED.—Cont.		Par Value.	Market Value.
Adir. El. Fr. Cp., 1962, 5%.....		\$4,000	\$3,680
Amer. Agr. Chem., 1928, 5%.....		3,000	3,030
Amer. Agr. Chem., 1928, 5%.....		1,000	1,010
Amer. T. & T., 1929, 4%.....		3,000	2,670
Amer. T. & T., 1929, 4%.....		3,000	2,670
Cons. Pr., 1936, 5%.....		2,000	1,880
Det. Ed. Co., 1933, 5%.....		2,000	2,090
Ind. Steel, 1952, 5%.....		3,000	3,090
Mass. Gas, 1929, 4½%.....		2,000	1,920
Minn. Gas Lt., 1930, 5%.....		1,000	980
N. E. T. & T., 1915, 5%.....		1,000	1,000
Portland Gen. El., 1935, 5%.....		2,000	2,000
So. Pr., 1930, 5%.....		4,000	4,000
United El. Sec., 1942, 5%.....		2,000	1,980
United El. Sec., 1943, 5%.....		2,000	1,980
United Fruit, 1925, 4½%.....		5,000	4,650
Totals.....		\$66,000	\$61,850

MISCELLANEOUS: This company was incorporated February 27, 1907. It is licensed only in Massachusetts, but writes in other States from the home office. It insures risks of grain dealers, wholesale and retail grocers and coal dealers, throughout New England and New York.

DIRECTORS: Dean K. Webster, C. M. Cox, Milton L. Cushing, Robert Mackinnon, Charles E. Halstead, Charles P. Washburn, J. M. Perry, Eben J. Ham, G. U. Kierstead, A. Shirley Ladd, Howard A. Crossman, J. S. Morrill, John D. Peck, Frank A. Noyes, Henry W. Chandler.

GRAIN SHIPPERS MUTUAL FIRE INS. ASSOCIATION, Ida Grove, Ia.

President, W. E. Johnston; Secretary, F. D. Babcock. Organized, 1897.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$24,515	\$15,710	\$4,210	\$40,708	\$41,327	\$19,805	\$3,016	\$17,255	\$40,076	\$18,737
1913	25,214	14,799	6,515	68,861	69,684	42,094		20,293	62,387	40,325
1912	18,572	38,358	—37,678	75,737	76,816	49,179		19,828	82,053	62,980

— Excess of liabilities.

Assets, Dec. 31, 1914.

Real Estate.....	\$7,089
Cash.....	11,173
Agents' balances.....	5,856
Other assets.....	497

Total assets..... \$24,615

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$4,695
Unearned prem.....	15,710
Total liabilities.....	\$20,405
Surplus.....	4,210

Total..... \$24,615

Contingent assets, \$48,500.

Fire risks in force, December 31, \$3,473,430.

LOSSES PAID SINCE ORGANIZATION: \$900,072.

GRANITE MUTUAL INSURANCE COMPANY, Barre, Vt.

President, G. Woodruff; Secretary, Rufus G. Robinson. Organized, 1907.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$17,368		\$14,079	\$37,311	\$57,242	\$36,364		\$15,942	\$51,006	\$36,364
1913*	40,923	3,844	—54	32,959	33,427	25,286		11,198	36,484	25,286
1912*	40,930	3,271	2,659	34,192	34,956	28,737		8,488	37,225	28,738

— Excess of liabilities over assets.

*Statements as of July 31.

‡ Guaranty fund, \$10,000, not included in liabilities.

Assets, Dec. 31, 1914.

N. Y. City Bonds....	\$10,000
Cash.....	524
Agents' balances.....	1,148
Interest.....	10
Other assets.....	5,686

Total assets..... \$17,368

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$2,650
Other liabilities.....	639
Total liabilities.....	\$3,289
Guar. capital.....	10,000
Surplus.....	4,079

Total..... \$17,368

Fire risks in force, December 31, \$6,124,188.

BUSINESS SINCE ORGANIZATION: \$5,600.

Net amount of members' liability, Dec. 31, \$759,370.

GRAND RAPIDS MERCHANTS MUTUAL FIRE INSURANCE COMPANY, Grand Rapids, Mich.

President, Anthony Klaasen; Secretary, Wm. A. Haan. Organized, 1909.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$4,919		\$4,438	\$7,130	\$7,761	\$3,502	\$131	\$4,171	\$7,804	\$3,502
1913	5,220		5,220	8,606	8,909	2,449		4,187	6,636	2,128

ASSETS, DEC. 31, 1914: Cash, \$3,964; agents' balances, \$955; total assets, \$4,919. LIABILITIES: Losses unpaid, \$481.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,089,733.

GRAPHIC ARTS MUTUAL FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, E. Lawrence Fell; Secretary, Alfred J. Ferris. Organized, 1907.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$30,011	\$11,746	\$15,735	\$32,468	\$26,075	\$11,823	\$7,604	\$8,186	\$27,613	\$9,628
1913	30,641	12,308	*15,053	24,616	26,379	6,874	7,501	9,382	23,757	6,963
1912	29,928	11,031	16,049	22,063	22,701	4,723	5,554	6,341	16,618	5,671

* Includes guaranty fund.

Assets, Dec. 31, 1914.

Bonds.....	\$20,371
Cash.....	4,307
Agents' balances.....	4,678
Other assets.....	655

Total assets..... \$30,011

LIABILITIES, DEC. 31, 1914.

Unearned prem.....	\$11,746
Unpaid div.....	1,476
Other liabilities.....	1,054
Total liabilities.....	\$14,276
Surplus.....	15,735

Total..... \$30,011

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Chi. Mil. & St. P., gn. m., 4%.....	\$2,000	\$1,780
Atch., Top. & S. Fa., gn. m., 4%.....	2,000	1,900
P. C. & St. L., ca., m., 4%.....	2,000	1,860
Canadian No. ex. 4½%.....	2,000	1,990
Penn R.R. gn. frt. el., 4½%.....	2,000	1,970
Lehigh Valley, 200. 3, 4%.....	2,000	2,850
Amer. Gas 1920k 5%.....	2,000	1,920
Buff. & Susq. Ry., p.....	2,000	330
Buff. & Susq. Ry., c.....	600	39
Totals.....	\$25,600	\$30,731

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,986,729; premiums thereon, \$23,492.

BONDS OWNED.

	Par Value.	Market Value.
Pennsylvania, cv., 3½%.....	\$2,000	\$1,960
Buff. & Susq., 4% (ctd. dep.).....	2,800	1,680

MISCELLANEOUS: This company was incorporated in May, 1907, and confines itself to insurance of printing, bookbinding and kindred risks.

GREAT AMERICAN MUTUAL FIRE INSURANCE COMPANY, San Antonio, Tex.

President, D. B. Hayner; Secretary, B. F. Inman.

This company was organized and licensed in Tex. during 1912. As of Dec. 31, 1914, its report shows admitted assets of \$3,637, of which \$3,055 is cash and \$572 is agents' balances; unearned premiums, \$1,750; losses unpaid, \$2,500; subsequently adjusted

and paid for \$782; excess of liabilities, \$623; net premiums received, \$2,105; total income, \$3,039; losses paid, \$1,175; expenses, \$1,835; total disbursements, \$3,006; fire risks in force December 31, \$145,639; premiums thereon, \$5,170.

GREENE COUNTY MUTUAL FIRE INSURANCE COMPANY, OF GREENE COUNTY, Greenville, N. Y.

President, W. S. Vanderbilt; Secretary, O. C. Stevens. Organized, 1893.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$58,511		\$34,601	\$32,344	\$34,403	\$15,821		\$10,714	\$26,535	
1913	50,826	\$18,106	30,170	26,801	28,649	13,860		8,927	22,787	
1912	44,626	16,323	26,520	24,222	26,064	15,984		8,282	24,270	

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$2,200	Losses unpaid.....	\$2,045
Mortgage loans.....	7,900	Unearned premis.....	21,617
Bonds.....	28,540	Other liabilities.....	158
Cash.....	13,583		
Agents' balances.....	5,679	Total liabilities.....	\$23,820
Interest and rents.....	608	Surplus.....	\$4,690
Total assets.....	\$58,510	Total.....	\$58,510

Fire risks in force, December 31, \$5,363,070; premiums thereon, \$51,369.

MORTGAGE LOANS: There are 6 small loans, mostly on Ravena, N. Y. and Greenville property. One loan of \$2,200 is guaranteed by Home Title Ins. Co., N. Y.

BONDS OWNED.		Par Value.	Market Value.
New York Cy., 1917, 4 1/2%		\$4,000	\$4,040
Port. Gn. Bk., 1935, 5%		1,000	1,000
St. L., Spfd. & Peoria, 1939, 5%		1,000	930
Virginia Ry. & Pow., 1934, 5%		3,000	2,760
Ore. S. L., 1929, 4%		5,000	4,600
So. Pac., 1955, 4%		3,000	2,760
C. M. & St. P., 1959, 4 1/2%		1,000	1,030
B. & O. cv., 1933, 4 1/2%		2,000	1,840
Tr. City Ry. & Lt., 1923, 5%		2,000	1,940
Allegheny V., 1942, 4%		4,000	3,880
L. S. & M. So., 1928, 4%		4,000	3,760
Totals (book value, \$38,792).....		\$30,000	\$28,540

GROCERS CASH DEPOSIT MUTUAL FIRE INSURANCE COMPANY, Huntingdon, Pa.

President, H. C. Kinloch; Secretary, G. E. Simpson. Organized, 1906.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$28,249		\$27,849	\$25,791	\$25,791	\$6,412		\$15,046	\$21,458	\$6,812
1913	22,015		22,015	22,428	22,763	13,337	5,527	6,531	25,595	9,902
1912	26,770		23,218	20,338	23,739	5,360	7,689	6,160	19,237	8,804

ASSETS, DEC. 31, 1914: Bonds, \$8,685; cash, \$18,213; agents' balances, \$383; interest, \$412; other assets, \$556; total assets, \$28,249. Liabilities: Losses unpaid, \$400.

Fire risks in force, December 31, \$1,563,686.

BONDS OWNED.		Par Value.	Market Value.
Chem. & O. Ry., 4 1/2%		\$3,000	\$2,396
Ann Arbor, eq., 5%		1,000	1,000

BONDS OWNED.—Cont.		Par Value.	Market Value.
Phila. Co., 5%		\$4,000	\$2,332
Pennsylvania, stk. 44 shrs.....		2,200	2,409
Totals.....		\$10,200	\$5,685

MISCELLANEOUS: This company writes policies at its home office covering property outside of Pennsylvania.

HAMBURG TOWN MUTUAL INSURANCE COMPANY, Hamburg, W

President, Ole J. Ophus; Secretary, Lewis O. Byre. Organized, 1867.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$41,686		\$41,671	\$4,875	\$7,117	\$1,963		\$1,639	\$3,602	\$1,963
1913	38,171		35,171	5,269	7,428	4,276		1,612	5,888	4,276
1912	36,631		36,631	4,230	6,265	3,345		1,144	4,489	

ASSETS, DEC. 31, 1914: Mortgage loans, \$39,146; cash, \$1,615; agents' balances, \$925; total assets, \$41,686. Liabilities: Losses unpaid, \$15.

Fire risks in force, December 31, \$3,278,462.

LOSSES PAID SINCE ORGANIZATION: Premiums received, \$46,718.

HAMPSHIRE MUTUAL FIRE INSURANCE COMPANY, Pittsfield, Mass.

President, J. M. Stevenson; Secretary, R. A. Barbour. Organized, 1830.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$47,237	\$31,565	\$12,834	\$20,144	\$22,392	\$11,290	\$4,471	\$6,131	\$21,248	\$12,796
1913	48,520	30,412	15,759	16,515	20,556	15,091	5,692	5,271	26,054	13,764
1912	58,176	31,273	24,756	18,099	20,694	12,465	6,428	5,303	24,196	11,764

ASSETS, Dec. 31, 1914.			LIABILITIES, Dec. 31, 1914.		
Mortgage loans.....	\$5,950		Losses unpaid.....	\$1,883	
Bonds and stocks.....	36,891		Unearned prems.....	31,565	
Cash.....	1,276		Other liabilities.....	944	
Agents' balances.....	2,726				
Interest and rents.....	383				

Total assets.....	\$47,226	Total.....	\$47,226
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Net amount of members' liability, Dec. 31, \$67,043.

Underwriting profit, \$312; investment profit, \$1,234.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,140,913; premiums thereon, \$62,763.

LOSSES PAID SINCE ORGANIZATION: \$412,909.

MORTGAGE LOANS: There are 3 loans, aggregating \$5,950 protected by improved real estate, valued at \$14,800. There was no interest past due on December 31, last. The company holds \$9,000 of insurance on the buildings.

MISCELLANEOUS: This company was formerly located in Northampton, Mass. In 1914 it was moved to Pittsfield, where it is operated by the officers of the Berkshire Mutual.

HARBOR CREEK MUTUAL FIRE INSURANCE COMPANY, Erie, Pa.

President, C. R. Forbes; Secretary, S. H. Willis. Organized, 1857.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$74,348		\$66,806	\$42,806	\$43,552	\$27,064		\$6,438	\$34,402	\$35,500
1913	21,478		21,467	42,088	42,383	25,828		6,089	32,516	24,902
1912	52,870		51,933	41,009	41,273	30,445		6,561	37,006	26,685

ASSETS, DEC. 31, 1914: Cash, \$30,292; agents' balances, \$326; ass. uncollected, \$43,731; total assets, \$74,348. **LIABILITIES:** Losses unpaid, \$7,542.

Net amount of members' liability, Dec. 31, \$728,856.

Fire risks in force, December 31, \$13,723,241.

BUSINESS SINCE ORGANIZATION: Premiums received \$737,861; losses paid, \$567,223.

MISCELLANEOUS: This company, a purely mutual one, is confined by its charter to Erie Co., Pa.

HARDWARE DEALERS MUTUAL FIRE INS. CO., Stevens Point, Wis.

President, O. P. Schlafer; Secretary, P. J. Jacobs. Organized, 1904.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$161,689	\$86,674	\$62,748	\$169,711	\$177,012	\$68,561	\$68,495	\$17,972	\$155,028	\$69,011
1913	140,968	71,580	57,666	143,354	152,946	54,846	57,258	13,695	125,797	62,396
1912	118,976	58,707	57,445	117,414	123,529	37,186	49,312	11,473	97,971	39,686

ASSETS, Dec. 31, 1914.			LIABILITIES, Dec. 31, 1914.		
Mortgage loans.....	\$62,700		Losses unpaid.....	\$10,500	
Bonds and stocks.....	76,694		Unearned prems.....	86,674	
Cash.....	11,577		Other liabilities.....	1,767	
Agents' balances.....	6,444				
Interest and rents.....	4,274				

Total assets.....	\$161,689	Total.....	\$161,689
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Net amount of members' liability, Dec. 31, \$171,863; underwriting profit, \$66,767; investment profit, \$6,810.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,370,114; premiums thereon, \$171,863.

BUSINESS SINCE ORGANIZATION: Premiums received, \$628,317; losses paid, \$283,000; dividends declared, cash, \$301,277.

MORTGAGE LOANS: There are 13 loans aggregating \$63,700, protected by real estate in Rock Co., all farm lands, valued at \$120,000. There was no interest past due on December 31, last.

BONDS OWNED.			Par Value.
Menasha Paper.....			\$2,000
Oka., so.....			3,000
Grand Rapids, P. P.....			5,000

BONDS OWNED.—Cont.		Market Value.
Janesville, Wis., bg.....		\$1,500
Cudahy Packing.....		2,000
Wichita Falls & So. Ry.....		3,000
Clinton, Ia., sr.....		3,000
Appleton wat. wks.....		4,000
Itasca Paper.....		5,000
West Allis Cy., so.....		3,000
Stevens Pt., Wis., sr.....		4,000
Richland Centre, Wis. Cy. H.....		3,000
Broadhead, Wis., wat. p. & el.....		5,000
Wausau, Wis., sr. const.....		1,000
Fox River Valley Gas & El.....		4,000
Ca. Wat. Pow. & Paper.....		3,000
Washburn, Wis.....		5,000
Manston, Wis.....		2,000
Antigo, Wis.....		2,000
Ashland Co., Wis.....		5,000
Keweenaw, Wis.....		5,000
Total.....		\$76,500

FIELD MEN AND TERRITORY COVERED: A. J. Scott, Marine City, Mich., for Mich. Company operates in Mich. and Wis.

HARDWARE DEALERS MUTUAL FIRE ASSOCIATION OF PENN-SYLVANIA, Huntingdon, Pa.

President, C. H. Miller; Secretary, W. P. Lewis. Organized, 1902.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$92,303	\$36,165	\$56,138	\$49,741	\$54,462	\$41,971	\$28,932	\$8,640	\$79,543	\$41,971
1913	95,326	33,254	62,072	46,857	53,738	30,123		9,139	39,362	30,123
1912	89,465	28,230	61,235	38,477	41,797	6,956		10,844	17,800	6,956

HARDWARE DEALERS MUTUAL FIRE ASSOC. OF PA., Huntingdon, Pa.—Cont.

ASSETS, DEC. 31, 1914: Bonds and stocks, \$82,002; cash, \$7,577; agents' balances, \$1,421; interest, \$703; total assets, \$92,203. Liabilities: Unearned premiums, \$36,165. Fire risks in force, December 31, \$4,588,168. Losses paid since organization, \$156,809.

BONDS OWNED:		Market Value.
N. Y. C. eq. tr. n., 5%.....		\$5,000
C. R. I. & P. Ry., 1, 4%.....		780
Union Pac. Ry., 1 & r., 4%.....		4,719
Atl. & Barm. Ry., 1, 5%.....		4,500
So. Pac., 1, 4%.....		4,625
Provident Sec., d., 4%.....		3,000
Scranton El., 1, 5%.....		4,040
Krystone C. & C., 1, 6%.....		5,050
Harian & Hollingsworth, 1, 6%.....		5,000
Pitts. Crucible Steel, 5%.....		4,950

BONDS OWNED.—Cont.

	Market Value.
Phila. Cy., 4%.....	\$5,100
Va. Ry., 1, 5%.....	4,925
Ch. & O., cv., 4%.....	4,250
Pac. Gas & El., 1, 5%.....	4,300
Nashville Gas & Htg., 5%.....	5,100
N. Y. Ry., adj. inc., 5%.....	2,700
Montreal Tramways, 5%.....	4,950
B. & O. R.R., cv., 4%.....	4,575
Brooklyn R. T., 5% n.....	4,988

Totals.....\$82,601

DIRECTORS: C. H. Miller, F. C. Goodwin, Sam. McKnight, G. R. Krause, S. B. Bryan, James N. Kline, D. A. Gill, W. P. Lewis.

HARMONIA MUTUAL FIRE INSURANCE COMPANY, Buffalo, N. Y.

President, John H. Knepper; Secretary, Edward Oberkircher. Organized, 1877.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'yhrs	Expenses	Total Expenditures	Losses Incurred
1914	\$199,531	\$14,139	\$184,930	\$10,456	\$18,811	\$4,334		\$6,733	\$11,617	\$4,796
1913	191,811	14,860	176,501	10,118	18,541	6,228		6,471	12,697	5,172
1912	185,949	14,797	169,731	11,199	19,263	4,511		5,694	10,205	5,318
1911	176,637	10,820	166,256	9,393	17,860	7,240		5,917	13,157	4,612

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$2,672	Losses unpaid.....	\$12
Mortgage loans.....	159,600	Unearned premiums.....	14,139
Cash.....	34,299	Other liabilities.....	450
Agents' balances.....	471		
Interest.....	2,389	Total liabilities.....	\$14,601
		Surplus.....	184,930

Total assets.....\$199,531 Total.....\$199,531

Underwriting loss, \$452; investment profit, \$3,881.

RISKS AND PREMIUMS: Fire risks in force, December 31' \$5,768,116; premiums thereon, \$23,443.

BUSINESS SINCE ORGANIZATION: Premiums received, \$364,775; losses paid, \$129,623.

REAL ESTATE OWNED: Store and dwelling at Sycamore and Gifford Streets, Buffalo.

MORTGAGE LOANS: There are 71 loans, aggregating \$159,600, on properties worth \$439,665, on which the company holds \$191,550 of insurance. The loans range in amount from \$300 to \$10,000 and all are upon local real estate.

MISCELLANEOUS: This company is at present in the process of reorganization as a stock company with a \$200,000 capital

HARTFORD COUNTY MUTUAL INSURANCE CO., Hartford, Conn.

President, R. H. Ensign; Secretary, Wm. A. Erving. Organized, 1831.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'yhrs	Expenses	Total Expenditures	Losses Incurred
1914	\$1,311,953	\$100,598	\$1,006,716	\$65,720	\$124,282	\$28,478		\$38,895	\$67,373	\$33,070
1913	1,298,873	102,107	992,178	67,126	125,715	33,070		36,970	70,040	31,812
1912	1,294,148	103,344	975,651	68,180	129,220	43,312		37,889	81,201	44,475

* Excluding \$200,000 reserve for all contingencies in 1912-3-4.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks.....	\$1,231,375	Losses unpaid.....	\$1,254
Cash.....	65,790	Unearned premiums.....	100,598
Agents' balances.....	9,300	Other liabilities.....	3,385
Interest and rents.....	5,509		
		Total liabilities.....	\$105,237
		Res. for contingency.....	200,000
		Net surplus.....	1,006,716

Total assets.....\$1,311,953 Total.....\$1,311,953

Underwriting profit, \$3,386; investment profit, \$11,152.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$23,487,802; premiums thereon, \$200,872.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,066,112; losses paid, \$1,438,717.

BONDS AND STOCKS OWNED:		Market Value.
Bonds.		
Connecticut, 4%, 1936.....		\$200,000
Balto., B. N. H. & P. Cy. & Ta.....		110,900
Balto. & O. R.R., 1 m., 1948.....		21,250
Boston & Alb. R.R., r., 1952.....		7,000
Boston & Me. R.R., d., 1929.....		17,500
Can. So. Ry., ca., 5%, 1962.....		25,000
Cent. R.R. N. J., 1987.....		10,500
Chi. B. & Q. R.R., Ill. Div., 1949.....		30,000
C. & E. R.R., 1 m. int. gr. ba N.Y., L.E. & W.R.R., 1962.....		50,000
Chi. Je. Ry. & Un. Stk Yd., 1915.....		9,600
Chi., Mil. & St. P. Ry., ca., 1932.....		23,250
Chi., R. I. & P. R.R., col. tr., 1916-18.....		28,000
Chi. & W. Ind. R.R., 1932-52.....		48,000
Del. & Hud. Canal, 1917-22.....		23,950
Hartford St. Ry., 1930.....		23,500

BONDS OWNED.—Cont.

	Market Value.
L. S. & Mich. So. Ry. d., 1931.....	\$67,200
L. & N. R.R., N. O. & M. Div., 1930.....	22,000
M. & E. R.R. Stk., gr. by D.L. & W.R.R., 1915.....	21,800
New Eng. R.R., 1945.....	15,000
N. Y. C. Lines eq. tr., 1923.....	22,500
N. Y., N. H. & H. R. R., 1948, 6%.....	40,000
No. Pac. & Gt. No. R.R., 1921.....	45,000
W. Md. R.R., 1952.....	10,000
Winona & St. P. R.R., gr. by C. & N. W. R.R., 1916.....	15,150
So. So. Dia., Hartford, 1931.....	17,000
Swift & Co., m., 1944.....	22,500

Stocks.

	Market Value.
Chi., Gt. W. R.R., p. stk. tr. ctf.....	7,590
L. & N. R.R.....	12,800
Pa. R.R.....	58,500
P. & B. V. R.R. a., gr. by C. R. I. & P. R.R.....	24,000
Pitts., Ft. W. & Chi. R.R., gr. by Pa. R.R.....	30,000
R. & S. R.R., gr. by Del. & H. C.....	31,400
Utica, C. & S. V. R.R., gr. by D. L. & W. R.R.....	6,250
Astma Nat. Bk., Hartford.....	2,170
Charter Oak Nat. Bk., Hartford.....	660
Hartford Nat. Bk.....	17,500
Nat. Exch. Bk.....	12,000
Phoenix Nat. Bk., Hartford.....	2,880
Hartford Steam Boiler Insp. & Ins.....	84,000
N. Y. Dock, p., 1961.....	5,225
Nwn. Tg., gr. by W. Union.....	10,000

Totals.....\$1,231,375

TERRITORY COVERED: Conn. only.

HERMAN FARMERS MUTUAL FIRE INS. COMPANY, Herman, Wis.

President, Dan. Schultz; Secretary, H. F. Ringla. Organized, 1856.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$68,771	\$50,140	\$17,884	\$30,693	\$34,291	\$33,476	\$641	\$9,888	\$34,006	\$33,476
1913	68,290	49,020	18,103	31,700	34,920	33,541	.....	10,358	43,899	33,834
1912	77,245	45,161	25,106	28,287	31,637	19,594	.....	9,040	28,634	25,794

ASSETS, DEC. 31, 1914: Mortgage loans, \$62,060; cash, \$1,617; uncollected prems., \$2,911; interest, \$2,193; total assets, \$68,771. Liabilities: Losses unpaid, \$746; unearned prems., \$50,140; total liabilities, \$50,886.

Premium notes, Dec. 31, \$36,943.

Fire risks in force, December 31, \$12,633,027.

MORTGAGE LOANS: These loans are secured by farm property valued at nearly three times the amount loaned. Company holds ample fire insurance on the buildings.

HIBERNIAN MUTUAL INSURANCE COMPANY, Charleston, S. C.

President, A. J. Riley; Secretary and Treasurer, M. F. Kennedy. Organized 1885.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$47,008	\$25,906	\$21,102	\$6,239	\$9,351	\$1,404	\$1,894	\$2,688	\$5,968	\$1,404
1913	45,292	26,473	18,519	22,606	24,920	1,893	2,015	2,458	6,366	1,893
1912	42,652	26,377	16,275	6,713	8,316	665	.....	2,777	3,442	665

ASSETS, DEC. 31, 1914: State stock, \$22,400; cash, \$20,319; assessments due, \$4,289; total assets, \$47,008. Liabilities: Unearned prems., \$25,906.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,426,450; premiums thereon, \$28,784.

TERRITORY COVERED: S. C. only.

HIDE AND LEATHER MUTUAL FIRE INS. CO., Philadelphia, Pa.

President, James Salem; Secretary, John A. Duncan. Organized, 1906.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$36,690	.....	\$36,680	\$14,631	\$15,891	\$2,724	\$4,071	\$5,270	\$12,065	\$2,724
1913	34,017	.....	34,017	14,396	15,226	1,049	2,399	4,597	8,015	1,049

ASSETS, DEC. 31, 1914: Bonds, \$18,719; cash, \$16,674; agents' balances, \$1,297; total assets, \$36,690. Liabilities: Prepaid premiums, \$10.

Premium notes Dec. 31, \$65,301; underwriting profit, \$6,733.

MISCELLANEOUS: The company was formerly the Tanners Mutual Fire Ins. Co. Name changed in 1911. It is licensed in Pa. only.

HINGHAM MUTUAL FIRE INSURANCE COMPANY, Hingham, Mass.

President and Treasurer, Henry W. Cushing; Secretary, Alan F. Hersey. Organized, 1826.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$264,142	\$161,744	\$97,506	\$88,801	\$103,088	\$56,201	\$26,275	\$29,217	\$111,693	\$56,105
1913	273,305	158,828	112,136	85,025	95,812	29,730	30,306	26,653	86,688	28,825
1912	273,393	162,144	108,633	90,144	102,518	42,844	37,978	30,818	111,637	42,357

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$6,000	Losses unpaid.....	\$3,878
Mortgage loans.....	14,300	Unearned prems.....	161,744
Bonds and stocks.....	217,482	Other liabilities.....	1,014
Cash.....	16,021		
Agents' balances.....	7,469	Total liabilities.....	\$166,636
Interest and rents.....	2,870	Net surplus.....	97,506
Total assets.....	\$264,142	Total.....	\$264,142

Underwriting loss, \$1,512; investment profit, \$14,014.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,893,417; losses paid, \$1,438,368; dividends declared, cash, \$2,126,843.

REAL ESTATE: Comprises company's home office building at Hingham, Mass., net rents last year, \$622.

MORTGAGE LOANS: There are 4 loans, aggregating \$14,300, and protected by improved real estate, valued at \$24,300. Insurance to the amount of \$27,400 is carried on the mortgaged buildings. No interest past due on December 31, last.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Atchison Trans. Cont.....		\$10,000	\$9,100
Boston Albany.....		24,000	22,560
Boston Elevated.....		8,000	6,880
Boston & Lowell.....		10,000	9,500
Boston & Maine.....		5,000	3,850

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
C. B. & Q., Ill. Div.....		\$10,000	\$8,500
Current River.....		15,000	13,050
Kansas City, C. & S.....		10,000	6,500
Lake Shore & Mich. So.....		10,000	9,400
N. Y., N. H. & H.....		5,000	3,700
N. Y. Ph. & Nor. Income.....		20,000	18,200
Amer. Tl. & Tg.....		22,000	19,580
Boston & No. St. Ry.....		5,000	4,400
Des Moines El.....		15,000	14,400
Hingham Wat.....		11,000	11,000
Niagara Lock & Ont., p.....		10,000	9,100
Ontario Pow.....		7,000	6,720
Salmon River, p.....		10,000	8,400

STOCKS.		Par Value.	Market Value.
Boston Elevated.....		4,000	3,640
Union Pac., p.....		2,500	2,075
Hingham Nat.....		3,000	3,300
Nat. Bk. of Commerce, liq.....		1,100	517
Nat. Union.....		1,300	2,460
Old Colony Nat.....		8,000	7,300
Webster-Atlas.....		2,300	4,510
Hingham Wat.....		6,300	7,440
United Shoe Mach., p.....		1,250	1,500

Totals.....\$234,450 \$217,482

TERRITORY COVERED: Mass. only.

HOLYOKE MUTUAL FIRE INSURANCE COMPANY, Salem, Mass.

President and Treasurer, Walter L. Harris; Vice-President and Manager, Carlos P. Faunce; Secretary, L. O. Johnson. Organized, 1843.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to Policyholders	Expenses	Total Expenditures	Losses Incurred
1914	\$999,572	\$323,728	\$424,517	\$183,088	\$229,935	\$315,597	\$87,091	\$82,738	\$485,426	\$320,514
1913	1,021,684	335,789	1,960,597	204,936	255,556	56,701	190,010	72,354	220,797	53,468
1912	1,022,167	324,792	1,667,400	194,082	244,169	71,969	188,374	70,815	231,149	72,492

† Includes \$7,000 dividend to guaranty capital. ‡ Includes \$100,000 guaranty capital.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$69,000	Losses unpaid.....	\$5,648
Mortgage loans.....	7,000	Unearned premiums.....	323,728
Bonds and stocks.....	886,578	Borrowed money.....	225,000
Cash.....	2,537	Other liabilities.....	20,679
Agents' balances.....	21,857	Total liabilities.....	\$575,055
Interest and rents.....	12,493	Guar. capital.....	100,000
Other assets.....	107	Net surplus.....	324,517
Total assets.....	\$999,572	Total.....	\$999,571

Net amount of members' liability, Dec. 31, \$674,045; underwriting loss, \$190,721; investment profit, \$42,370.

REAL ESTATE OWNED: The company owns its home office building, the book value of which is \$47,000, carried at market value of \$69,000. Rents received last year, \$6,550; expenses, \$3,949.

MORTGAGE LOANS: There are 2 loans upon property valued at \$15,500, aggregating \$7,000, which is also the amount of insurance held by the company on the mortgage buildings.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Attleboro, Mass., 1926, 4%.....	\$5,000	\$5,100
Auburn, Ma., 1920, 3½%.....	5,000	4,800
Belmont, Mass., 1920, 3½%.....	5,000	4,650
Beverly, Mass., 1931-32, 4%.....	9,000	9,000
Boston, Mass., 1928, 3½%.....	5,000	4,700
Bristol, Conn., 1927, 4%.....	4,000	4,000
Buffalo, N. Y., 1931, 4%.....	10,000	9,900
Cambridge, Mass., 1924, 4%.....	5,000	5,000
Canton, Mass., 1921, 4%.....	5,000	4,950
Concord, Mass., 1932, 3½%.....	10,000	9,200
Derby, Conn., 1928, 4%.....	5,000	4,900
Everett, Mass., 1923-33, 4%.....	11,214	10,062
Framingham, Mass., 1925, 26-29, 4%.....	10,000	9,900
Hardford, Conn., 1933, 4½%.....	6,000	6,300
Hopkinton, Mass., 1916, 4%.....	3,000	3,000
Jersey City, N. J., 1922, 5%.....	3,000	3,150
Jersey City, N. J., 1928, 4%.....	5,000	4,850
Lawrence, Mass., 1913-23, 4%.....	5,000	4,950
Los Angeles, Cal., 1920, 4½%.....	10,000	10,000
Lynn, Mass., 1918, 4%.....	8,000	8,000
Marblehead, Mass., 1915-19, 4%.....	4,000	4,000
Mass. State, 1933-36, 3½%.....	15,000	14,300
Mass., 1949, 3%.....	5,000	4,400
Mt. Vernon, N. Y., 1932, 4½%.....	5,000	5,200
Needham, Mass., 1933, 4%.....	7,000	6,850
New Bedford, Mass., 1957, 4%.....	5,000	4,900
New Bedford, Mass., 1923, 3½%.....	5,000	4,800
Newton, Mass., 1936, 4%.....	5,000	4,950
New York, N. Y., 1959, 4%.....	5,000	5,000
Orange, N. J., 1920, 5%.....	10,000	10,300
Pastusket, R. I., 1923-44, 4%.....	15,000	14,750
Pembury, Mass., 1923-24, 4%.....	10,000	9,900
Salem, Mass., 1917-18, 3½%.....	5,000	4,930
Salem, Mass., 1923-28, 4%.....	6,000	5,940
St. Paul, Minn., 1917-18, 4½%.....	15,000	15,150
Springfield, Mass., 1947, 4%.....	10,000	10,500
Taunton, Mass., 1915, 4%.....	3,000	3,000
Tiverton, R. I., 1925-29, 4%.....	10,000	9,700
Waterbury, Conn., 1915-16, 4%.....	10,000	10,000
Weymouth, Mass., 1925, 4%.....	5,000	4,950
Worcester, Mass., 1921-22, 3½%.....	5,000	4,800
Woonsocket, R. I., 1923-25, 4%.....	5,000	4,900
Woonsocket, R. I., 1927, 4½%.....	5,000	5,100
Worcester, Mass., 1923, 4%.....	10,000	10,250
A. T. & S. Fe., 1996, 4%.....	14,000	13,040
B. & O., 1925, 3½%.....	10,500	9,680
B. & O., 1948, 4%.....	1,500	1,395
B. & A., 1924, 4%.....	5,000	4,700
B. & A., 1932, 5%.....	5,000	5,500
Boston & Low., 1918, 4%.....	5,000	4,900
Boston & Low., 1933, 4½%.....	5,000	5,000
B. & M., 1926, 4%.....	15,000	11,550
B. & P., 1918, 4%.....	9,000	8,640
Central of N. J., 1967, 5%.....	7,000	8,190
C. Pacific, 1949, 4%.....	3,000	2,820
C. Pacific, 1929, 3½%.....	500	455

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
Central Vermont, 1920, 4%.....	\$2,000	\$1,600
C. B. & Q., 1927, 4%.....	5,000	4,900
C. B. & Q., 1929-49, 3½%.....	5,000	4,250
C. M. & St. P., 1939, 4½%.....	10,000	10,200
C. & N. W., 1926, 4%.....	1,000	960
C. & N. W., 1921, 5%.....	3,000	3,060
C. & W. Indiana, 1932, 6%.....	5,000	5,200
Cin., Ham. & Dayton, 1942, 5%.....	10,000	8,000
Cleve., Lor. & Wheel., 1933, 5%.....	15,000	15,900
D. & H., 1917, 7%.....	5,000	5,450
Erie & Pitts., 1940, 3½%.....	5,000	4,300
Erie R. R., 1951, 4%.....	5,000	4,500
Fitchburg, 1916, 4%.....	10,000	9,900
Housatonic, 1937, 5%.....	10,000	10,800
Illinois Central, 1950, 4%.....	3,000	2,760
Illinois Central, 1952, 3½%.....	5,000	4,100
Illinois Central, 1918-55, 4%.....	10,000	9,200
Jamestown, P. & C., 1959, 4%.....	5,000	4,550
Kan. C. Ft. Scott & M., 1928, 6%.....	13,000	14,300
L. S. & M. S., 1928, 4%.....	5,000	4,700
Lehigh Valley, 1923, 6%.....	5,000	5,600
Long Island, 1949, 4%.....	5,000	4,550
Me., Ct. & Epn. & No., 1933, 4%.....	4,000	3,640
Narragansett Pier, 1916, 4%.....	10,000	9,900
New England, 1945, 5%.....	25,000	26,500
New Haven & Derby, 1918, 5%.....	20,000	20,200
N. Y. C. & H. R., 1907-8, 3½%.....	11,000	8,700
N. Y. N. H. & H., 1954-5, 4%.....	15,000	11,900
N. Y. N. H. & H., 1956, 3½%.....	9,000	6,120
N. Y. N. H. & H., 1923-48, 6%.....	2,000	2,120
N. Y. O. & W., 1992, 4%.....	20,000	16,600
N. P. Gt. N., 1921, 4%.....	5,000	4,850
Nw. Un., 1917, 7%.....	8,000	8,560
Nor. & Wor., 1927, 4%.....	5,000	4,650
Old Colony, 1924-25, 4%.....	15,000	14,250
Oregon Short Line, 1929, 4%.....	5,000	4,600
Pennsylvania, Gen. Frt., 1923, 4½%.....	5,000	5,060
Pennsylvania, 1915, 3½%.....	5,000	5,000
Peoria & Nwn., 1926, 3½%.....	8,000	7,280
Prin. & Nwn., 1926, 3½%.....	11,000	10,120
Richmond & Washington, 1943, 4%.....	5,000	4,750
Schenectady, 1941, 4½%.....	5,000	5,100
Seattle El., 1930, 5%.....	2,000	2,020
St. P., Minn. & Man., 1933, 4½%.....	12,000	12,480
Terminal R. R. Assn. St. L., 1939, 4½%.....	6,000	6,000
Union Pacific, 1947, 4%.....	22,500	21,825
W. E. St., 1915, 4%.....	3,000	3,000
W. E. St., 1932, 4%.....	10,000	9,100
Amer. Cotton Oil, 1915, 4½%.....	10,000	9,900
Am. Tl. & Tr., 1929, 4%.....	20,000	17,800
Clinton W. W., Clinton, Ia., 1939, 5%.....	5,000	3,500
Gen. El., 1952, 5%.....	5,000	5,300
Mass. Gas., 1929-31, 4½%.....	9,000	8,590
W. U. Tl., 1938, 5%.....	5,000	4,750
Woonsocket El., Mach. & Pr., 1943, 4½%.....	3,000	2,760
Stocks.	Par Value.	Market Value.
B. & Me., com.....	5,000	1,750
Old Colony.....	3,100	4,650
Pitts., Ft. Wayne & Chicago.....	10,000	16,400
Union Pacific.....	16,200	13,446
W. E. St., com.....	1,250	1,663
First Natl. Bk., Salem (Eq.).....	300	50
Fourth Atl. Natl. Bk., Boston.....	2,000	4,000
Mercantile Natl. Bk., Salem (Eq.).....	3,500	1,750
Merchants Natl. Bk., Salem.....	800	850
Natl. Shawmut Bk., Boston.....	1,000	2,060
Second Natl. Bk., Boston.....	10,000	29,000
Edison El. Illum., Boston.....	1,700	4,233
Totals (book value, \$387,264).....	\$380,000	\$386,578

MISCELLANEOUS: Conflagration losses: Boston, 1872, \$210,206; Portland, 1866, \$128,796; Chelsea, 1908, \$112,423; Salem, 1914, \$230,045.

FIELD MEN AND TERRITORY COVERED: A. F. Smith and H. W. Hinkley, special agents for the New England States and reporting to the home office. The company operates in Conn., Me., Mass., N. H., R. I. and Vt.

HOME MUTUAL FIRE INSURANCE COMPANY OF BROOME COUNTY, Binghamton, N. Y.

President, John Bayless; Secretary, F. J. Bayless. Organized, 1901.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$44,516	20,120	\$23,296	\$36,274	\$38,053	\$23,008	.....	\$13,497	\$36,503	\$23,008
1913	43,196	18,693	23,003	34,239	36,301	22,917	.....	12,162	35,079	22,517
1912	40,565	15,451	25,114	28,749	30,072	13,219	.....	9,950	23,169	15,119

ASSETS, DEC. 31, 1914.

Mortgage loans.....	\$29,950
Cash.....	8,111
Agents' balances.....	6,078
Interest.....	377

Total assets..... \$44,516

LIABILITIES, DEC. 31, 1914.

Losses unpaid.....	\$1,100
Unearned prem's.....	20,120
Total liabilities.....	\$21,220
Surplus.....	23,296

Total..... \$44,516

Fire risks in force, December 31, \$5,277,196; premiums thereon, \$49,486.

MORTGAGE LOANS: There are 9 loans, for \$29,950, protected by real estate in Broome County, valued at \$63,100. Company holds \$31,700 of insurance on the mortgaged buildings.

MISCELLANEOUS: The law of 1910 allows co-operative companies seven years for the accumulation of reserve.

HOPE MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.

President, Frank L. Pierce; Assistant Secretaries, Charles A. Tompkins, Royal G. Luther. Organized, 1875.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$536,691	\$297,881	\$227,369	\$427,931	\$452,246	\$19,037	\$369,854	\$34,812	\$423,708	\$19,380
1913	511,784	288,223	210,770	432,671	453,058	15,115	357,586	35,165	407,896	15,689
1912	517,538	271,860	228,819	455,164	478,296	22,215	370,898	39,201	432,314	24,524

ASSETS, DEC. 31, 1914.

Bonds and stocks.....	\$432,330
Cash.....	88,753
Agents' balances.....	14,736
Interest.....	882

Total assets..... \$536,691

LIABILITIES, DEC. 31, 1914.

Losses unpaid.....	\$3,371
Unearned prem's.....	297,881
Other liabilities.....	8,070
Total liabilities.....	\$309,322
Surplus.....	227,369

Total..... \$536,691

Net amount of members' liability, Dec. 31, \$2,933,857; underwriting profit, \$365,706; investment profit, \$20,747.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$70,386,391; premiums thereon, \$586,771.

BUSINESS SINCE ORGANIZATION: Premiums received, \$8,647,080; losses paid, \$1,260,472; dividends declared, cash, \$6,443,631.

BONDS AND STOCKS OWNED:

Bonds.	Market Value.
R. I. hy. cn., 1936, 3%.....	\$22,360
R. I. hy. cn., 1939, 3 1/2%.....	2,760
R. I. state house cn., 1941, 3%.....	8,400
R. I. met. pk. ln., 1958, 3 1/2%.....	6,300
R. I. harb. imp., 1960, 4%.....	5,000
Woonsocket, 1941, 4 1/2%.....	6,180
Amer. Tl. & Tg. cv., 1933, 4 1/2%.....	11,880
Chi. Ry., 1927, 1, 5%.....	4,950
Detroit, Edison 1, 1933, 5%.....	6,180
Boston & Me. R.R. note, 1915.....	4,500
Mass. El., 1915, 5%.....	5,000
Stocks.	
Bklyn. City R.R.....	14,981
Canada Southern Ry.....	3,100
Chi. & E. Ill. R.R. tr. cfs., p.....	9,625
Erie & Pittsburg R.R.....	13,300
Hereford Ry.....	7,500

BONDS AND STOCKS OWNED.—Cont. STOCKS.—Cont.

	Market Value.
Ill. C. R.R., leased lines.....	\$17,000
International Ocean Tg.....	9,500
Manhattan Ry.....	13,300
Minn. St. P. & S. S. M. Ry., leased line cfs.....	12,150
Mobile & Ohio tr. cfs.....	7,500
N. E. Inv. & Security, p.....	4,250
N. E. Inv. & Security, "Prot. Agreement".....	500
Oswego & Syracuse R.R.....	6,000
Pitts., Bos. & I. E. R. R., e.....	4,650
Pitts., Ft. Wayne & Chi. R.R., gr.....	20,500
Sharon Ry.....	21,600
St. Louis Bridge, 1 p.....	11,000
St. Louis Bridge, 2 p.....	7,950
Tunnel R. R. of St. Louis.....	11,200
Upper Cose R. R.....	10,900
Blackstone Valley Gas & El., p.....	6,430
Chicago & Nw. Ry.....	66,224
Clev., Cin., Chi. & St. Louis Ry., p.....	5,000
Narragansett Electric Lighting.....	12,750
Narragansett Electric Lighting, d.....	1,925
Pa. R.R.....	42,125
Providence Btg.....	7,500
Providence Gas.....	4,900
Providence Tel.....	4,000
Totals.....	<u>\$440,870</u>

MISCELLANEOUS: Conflagration loss: Baltimore, 1904, \$421.

DIRECTORS: William Tinkham, Rowland G. Hazard, Charles H. Merriman, John H. Hambly, William C. Greene, Albert H. Sayles, Zechariah Chafee, Henry S. Chase, James M. Scott, H. Martin Brown, Arthur L. Kelley, Frank L. Pierce.

TERRITORY COVERED: The company is licensed in N. Y., Mass., Mich., Ill., R. I., S. C., Me., Pa., N. C., O. and Wis.

HURST HOME INSURANCE COMPANY, Millersburg, Ky.

President, J. G. Allen; Secretary, O. E. Hurst. Organized, 1892.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$20,393	.....	\$19,993	\$37,624	\$38,234	\$21,282	.....	\$10,524	\$31,906	\$20,480
1913	14,017	.....	11,617	58,245	59,247	55,538	.....	11,782	67,320	55,638
1912	22,446	.....	21,146	35,442	38,594	23,303	123	10,900	34,326	24,603

ASSETS, DEC. 31, 1914: Mortgage loans, \$10,000; cash, \$9,629; other assets, \$764; total assets, \$20,393. Liabilities: Losses unpaid, \$400.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,850,285.

BUSINESS SINCE ORGANIZATION: Premiums received, \$478,662; losses paid, \$321,294.

MORTGAGE LOANS: There are 2 loans aggregating \$10,000 on land in Millersburg, Ky., valued at \$65,000.

TERRITORY COVERED: Ky. only.

ILLINOIS MUTUAL FIRE UNDERWRITERS, Belvidere, Ill.

President, Omar H. Wright; Secretary, Everett H. Tripp. Organized, 1903.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$17,021	\$15,986	\$35	\$22,792	\$27,068	\$8,546	\$7,507	\$10,817	\$26,870	\$9,648
1913	16,823	14,564	2,169	21,403	24,700	4,490	7,242	11,075	22,807	4,672
1912	14,930	13,559	813	20,179	20,663	9,825	5,993	5,671	21,489	9,819

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks....	\$7,886	Losses unpaid.....	\$1,000
Cash.....	6,270	Unearned premiums....	15,986
Premiums due.....	2,865		
		Total liabilities....	\$16,986
		Surplus.....	35
Total assets.....	\$17,021	Total.....	\$17,021

Net amount of members' liability, Dec. 31, \$137,421.

RISKS AND PREMIUMS: Fire and tornado risks in force, December 31, \$3,900,028; premiums thereon, \$45,807.

BUSINESS SINCE ORGANIZATION: Premiums received, \$164,539; losses paid, \$44,251; dividends declared, cash, \$43,459.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Nat. S. M., 6%.....		\$1,000	\$1,000
Chi. Ry., 5%.....		1,000	896
C. M. & St. P. Ry. Co., 4%.....		100	100
J. I. Case T. M.,.....		1,000	1,000
STOCKS.			
Sec. Nat. Bk., Belvidere.....		1,500	2,790
Ill. Cutlery, Belvidere.....		100	100
C. M. & St. P. Ry.....		2,000	2,000
Totals.....		\$6,700	\$7,886

TERRITORY COVERED: Ill. only.

IMPLEMENT DEALERS MUTUAL INS. CO., Grand Forks, N. D.

President, G. E. Duis; Secretary, J. E. Sheehy. Organized, 1903.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$48,321	\$18,512	\$22,630	\$38,025	\$39,050	\$17,434	\$15,744	\$8,328	\$41,506	\$17,434
1913	50,777	19,910	25,888	43,828	44,801	16,022	15,712	7,963	39,697	15,984
1912	45,673	18,182	22,273	49,029	49,829	13,151	15,483	15,735	44,369	13,151

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Cash.....	\$26,798	Losses unpaid.....	\$5,534
Agents' balances.....	6,639	Unearned premiums....	18,512
Other assets.....	14,894	Other liabilities.....	1,655
		Total liabilities....	\$25,701
		Net surplus.....	22,630
Total assets.....	\$48,321	Total.....	\$48,321

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,757,335; premiums thereon, \$46,379.

INDIANA LUMBERMENS MUTUAL INSURANCE COMPANY, Indianapolis, Ind.

President, C. C. Foster; Secretary, F. B. Fowler. Organized, 1897.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$506,896	\$204,325	\$285,310	\$415,542	\$438,778	\$142,102	\$147,091	\$65,002	\$354,195	\$149,034
1913	421,398	179,461	234,483	369,695	389,119	158,991	120,780	54,811	334,582	154,004
1912	366,764	145,961	209,156	296,992	313,177	104,805	90,404	47,059	242,268	103,201

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$29,500	Losses unpaid.....	\$11,172
Mortgage loans.....	269,350	Unearned premiums....	204,325
Bonds.....	149,945	Other liabilities.....	6,089
Cash.....	32,276		
Agents' balances.....	19,157	Total liabilities....	\$221,586
Interest.....	6,668	Surplus.....	285,310
Total assets.....	\$506,896	Total.....	\$506,896

Net amount of members' liability, Dec. 31, \$1,218,632; underwriting profit, \$176,406; investment profit, \$21,292.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$19,980,143; premiums thereon, \$408,650.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,401,745; losses paid, \$944,718; dividends declared, cash, \$681,997.

REAL ESTATE OWNED: Consists of company's office building, 518 N. Delaware st., Indianapolis, appraised at \$46,000.

MORTGAGE LOANS: There are 79 loans aggregating \$269,350 on property valued at \$665,839, situated mostly in Marion, Morgan, Boone, Hendricks and Lawrence counties. There was

no interest past due, and the company holds \$229,925 insurance on the property.

BONDS OWNED:		Par Value.	Market Value.
Indianapolis, 1933-6, 3 1/2%.....		\$20,000	\$19,000
Bloomington, Ind., 1921-27, 5%.....		10,000	10,415
Hawaii, 1920, 4 1/2%.....		10,000	10,000
Peru, Ind., 1918-22, 4%.....		10,000	10,000
Madison, Ind., 1920, 4%.....		10,000	10,000
Shelbyville, Ind., 1918-20, 4%.....		15,000	15,000
Porto Rico, 1918-20, 4%.....		10,000	10,100
South Bend, Ind., 1924-5, 4%.....		40,000	40,000
Wash. Twp., Ind., 1919-27, 4 1/2%.....		25,000	25,430
Totals (book value, \$150,000).....		\$150,000	\$149,945

DIRECTORS: H. B. Burnet, J. T. Eaglesfield, C. C. Foster, Albert Greely, C. A. Hubbard, John Montano, J. W. Finnell.

TERRITORY COVERED: Company operates in Ark., Cal., Conn., Ill., Ind., Kan., Ky., La., Me., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Ore., Pa., S. C., Tenn., Tex., Wash., W. Va., Wis. and B. C.

INDIANA RETAIL MERCHANTS ASSOCIATION MUTUAL FIRE INSURANCE COMPANY, Anderson, Ind.

President, T. J. McKiernan; Secretary, Ralph B. Clark. Organized 1907.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$46,263	\$10,359	\$32,004	\$30,718	\$32,658	\$6,399	\$4,330	\$5,001	\$15,730	\$6,399
1913	41,102	10,634	25,597	21,150	22,193	8,186	4,183	10,712	23,081	8,186
1912	47,076	10,277	32,998	20,990	21,218	2,070	3,717	6,858	12,645	2,070

ASSETS, DEC. 31, 1914: Cash, \$44,382; agents' balances, \$1,876; other assets, \$5; total assets, \$46,263. Liabilities: Losses unpaid, \$3,000; unearned premiums, \$10,359; other liabilities, \$700; total liabilities, \$14,059.

Net amount of members' liability, Dec. 31, \$78,071.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,542,760; premiums thereon, \$20,718.

BUSINESS SINCE ORGANIZATION: Premiums received, \$41,784; losses paid, \$25,663.

MISCELLANEOUS: This company began business October 2, 1907. Its business is restricted to Indiana and to members of the Indiana Retail Merchants Association, an organization of more than 11,000 retail firms.

INDIANAPOLIS GERMAN MUTUAL FIRE INSURANCE COMPANY, Indianapolis, Ind.

President, Otto Wagner; Secretary, C. Dinkelaker-Riems. Organized 1884.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$25,651		\$25,651	\$9,490	\$14,841	\$4,035		\$5,643	\$9,678	\$4,035
1913	24,542		24,542	9,189	10,612	3,220		5,560	13,780	3,220
1912	27,751		27,751	9,393	10,860	6,300		5,964	12,264	6,300

ASSETS, DEC. 31, 1914: Mortgage loans, \$19,850; etc. of dep., \$1,000; cash, \$5,807; interest and rents, \$390; other assets, \$598; total assets, \$25,651. No liabilities.

Fire risks in force, December 31, \$5,574,611.

BUSINESS SINCE ORGANIZATION: Premiums received, \$214,605; losses paid, \$99,244.

MORTGAGE LOANS: These 13 loans aggregate \$19,850 and are protected by improved real estate valued at \$30,900. No interest past due on December 31, last. Company holds \$25,000 of fire insurance on the buildings.

INDUSTRIAL MUTUAL INSURANCE COMPANY, Boston, Mass.*

President, C. T. Plunkett; Secretary, Benj. Taft. Organized, 1890.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$373,607	\$163,877	\$306,400	\$271,327	\$287,701	\$12,514	\$241,822	\$34,802	\$379,138	\$13,257
1913	363,360	170,759	188,469	295,030	310,804	9,064	247,937	25,217	283,212	7,933
1912	352,080	153,885	193,335	292,154	306,743	13,815	254,736	22,362	290,913	14,931

* Transacts a sure and occupancy business.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks...	\$337,860	Losses unpaid.....	\$1,567
Cash.....	20,207	Unearned premiums.....	163,877
Agents' balances.....	9,813	Other liabilities.....	2,763
Interest.....	5,727		
		Total liabilities.....	\$168,207
		Surplus.....	206,400
Total assets.....	\$373,607	Total.....	\$373,607

Net amount of members' liability, Dec. 31, \$1,641,598; underwriting profit, \$242,966; investment profit, \$17,737.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$38,539,904; premiums thereon, \$328,330.

BUSINESS SINCE ORGANIZATION: Premiums received, \$5,532,530; losses paid, \$757,541; dividends declared, cash, \$4,149,549.

BONDS OWNED:		Par Value.	Market Value.
Fall River, 1915, 3½%.....		\$10,000	\$10,000
Mass., Commonwealth, 1933-40, 3½%.....		45,000	41,480
Aurora, Elgin & Chi. R.R., 1946, 5%.....		5,000	4,550
Bangor & Aroost. R.R., ex. m., 1951, 4%.....		4,000	2,800
Boston Elev. Ry., 1935, 4%.....		3,000	2,580
Boston & Me. R.R., 1926, 4%.....		5,000	3,850
B. & N. Y. Air Line R.R., 1935, 4%.....		3,000	2,580
Chi., Ind. & So. R.R., 1956, 4%.....		15,000	12,800
Chi., R. I. & Pac. Ry., 1915, 4½%.....		2,000	2,000
Colo. & So. R.R., 1935, 4½%.....		5,000	4,400
D., Y. A. & J. Ry., 1926, 5%.....		7,000	6,230
Elizabeth & Trenton R.R., 1903, 5%.....		5,000	4,750
El Paso & R. I. R.R., 1961, 5%.....		2,000	1,900
Fla. East Coast Ry., 1959, 4½%.....		5,000	4,550

BONDS OWNED.—Cont.		Par Value.	Market Value.
Hart. Riv. & Ft. Ches. R.R., 1915, 5%.....		\$5,000	\$4,700
Me. C. R. R., 1916, 4½%.....		5,000	4,950
Md., Del. & Va. Ry., 1955, 5%.....		5,000	4,250
Middlesex & Bos. St. Ry., 1932, 4½%.....		10,000	9,500
Mo. Pac. Ry., 1915, 6%.....		5,000	4,500
Montreal Tramways, 1941, 5%.....		5,000	4,950
N.Y.C. & H.R.R.R., B & A eq., 1920, 4½%.....		5,000	4,950
N.Y.C. & H.R.R.R., L. S. col., 1998, 2½%.....		10,000	7,800
N. Y., C. & St. L. R.R., 1931, 4%.....		8,000	6,730
N. Y., N. H. & H. R.R., 1955, 4%.....		15,000	11,100
N. Y., O. & W. Ry., 1915, 5%.....		5,000	5,000
No. Me. Seaport R.R., 1935, 5%.....		15,000	13,500
No. Pac. Gt. No. Ry., col., 1921, 4%.....		16,000	15,520
Richmond-Washington, 1943, 4%.....		7,000	6,650
R. I., Ark. & La. R.R., 1934, 4½%.....		5,000	4,150
Worcester & Holden St. Ry., 1923, 5%.....		3,000	2,970
Amer. Tl. & Tg., 1929, 4%.....		23,000	20,470
Amer. Writing Paper, 1919, 5%.....		20,000	13,400
Connecticut Riv. Pow., N. H., 1937, 5%.....		5,000	4,700
Consumers Power, 1936, 5%.....		5,000	4,700
New England Tl. & Tg., 1930, 4%.....		20,000	17,800
New England Tl. & Tg., 1919, 5%.....		19,000	19,000
No. Texas Electric, 1940, 5%.....		5,000	4,750
Terre Haute Traction & Light, 1944, 5%.....		5,000	4,850
Western Electric, 1922, 5%.....		3,000	3,000
Western Tl. & Tg., 1932, 5%.....		3,000	2,910
Western Union Tg., 1950, 4½%.....		29,000	26,690
Totals (book value, \$366,668).....		\$377,000	\$337,980

TERRITORY COVERED: The company is licensed in Ill., Me., Mass., Mich., N. H., N. Y., N. C., O., Pa., R. I. and Wis.

IOWA ASSESSMENT MUTUAL INSURANCE ASSOCIATION, DeWitt, Ia.

President, T. W. Large; Secretary, G. M. Smith. Organised, 1900.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$62,873	\$48,631	\$11,833	\$63,320	\$67,196	\$53,923	\$3,170	\$31,613	\$88,006	\$53,923
1913	56,001	40,876	7,284	82,327	86,414	49,427	4,919	29,338	83,684	52,427
1912	50,604	39,626	8,878	76,684	78,971	31,840	4,774	26,546	63,160	31,840

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Real estate.....	\$17,099		Unearned premiums.....	\$48,632	
Cash.....	26,256		Other liabilities.....	2,508	
Agents' balances.....	6,525				
Interest and rents.....	563		Total liabilities.....	\$51,140	
Other assets.....	2,400		Surplus.....	11,833	
Total assets.....	\$62,873		Total.....	\$62,873	

MORTGAGE LOANS: These aggregate \$35,810 and are protected by improved real estate valued at more than double the amount loaned thereon.

Fire risks in force, December 31, \$34,705,307.

IOWA HARDWARE MUTUAL INS. ASSOCIATION, Mason City, Ia.

President, L. C. Abbott; Secretary, A. R. Sale. Organised, 1903.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$56,987	\$46,724	\$7,945	\$63,072	\$65,133	\$55,382		\$9,039	\$70,050	\$57,069
1913	60,593	49,677	4,767	58,249	61,597	68,342		9,091	80,128	74,491
1912	79,800	46,786	23,451	56,255	59,363	26,083		9,199	36,025	34,646

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Real estate.....	\$22,388		Losses unpaid.....	\$3,318	
Mortgage loans.....	27,000		Other liabilities.....	46,724	
Cash.....	7,599				
			Total liabilities.....	\$49,042	
			Surplus.....	7,945	
Total assets.....	\$56,987		Total.....	\$56,987	

REAL ESTATE OWNED: Two lots Felts Plat of Mason City, Ia., book value, \$23,062; market value, \$25,000, and also sale of party wall in 1912 valued at \$675.

MORTGAGE LOANS: There are 5 loans aggregating \$27,000 on farm property in Iowa valued at \$63,350.

DIRECTORS: Jacob Seither, C. R. Keating, A. F. Mueller, G. A. Bieber, T. N. Petersen, R. J. Breckenridge, W. McQueston, H. F. Leible, W. B. Barnhartner, L. C. Abbott, Joseph Mattes.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$6,459,116; perpetual fire risks, \$492,535.

IOWA IMPLEMENT MUTUAL INSURANCE ASSOCIATION, Nevada, Ia.

President, P. F. Arney; Secretary, D. M. Grove. Organised, 1908.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$19,492	\$12,436	\$6,100	\$31,091	\$31,948	\$16,580	\$5,009	\$12,308	\$33,892	\$16,579
1913	20,461	11,000	9,461	34,094	34,094	11,231	5,876	16,469	33,576	11,231
1912	19,834	9,486	10,348	28,296	28,848	5,378	4,584	13,146	23,108	5,378

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Mortgage loans.....	\$11,950		Losses unpaid.....	\$948	
Mun. bonds.....	1,492		Unearned premiums.....	12,436	
Cash.....	3,194		Other liabilities.....	8	
Agents' balances.....	2,352				
Interest.....	504		Total liabilities.....	\$13,392	
			Surplus.....	6,100	
Total assets.....	\$19,492		Total.....	\$19,492	

Fire and tornado risks in force, December 31, \$5,186,320.

MORTGAGE LOANS: These loans aggregate \$11,950 and are upon Iowa real estate not exceeding 50% of value.

FIELD MEN AND TERRITORY COVERED: Special agents F. J. Berry, Ames, Ia.; C. F. Wilson, Nevada, Ia., and A. J. Young, Dedham, Ia. The company operates in Ia. only.

Net amount of members' liability, Dec. 31, \$46,112.

IOWA MERCANTILE MUTUAL FIRE INSURANCE ASSOCIATION, Spencer, Ia.

President, A. W. Greene; Secretary, O. D. Jenkins. Organised, 1895.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Net Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	*Losses Incurred
1914	\$33,819	\$6,422	\$24,758			\$9,489	\$1,265	\$11,509	\$22,263	\$9,932
1913	8,527	6,289	2,907	33,022	33,022	11,403	1,276	12,816	24,495	11,964
1912	11,735	6,591	1,949	23,918	23,918	6,294	1,427	11,040	18,761	8,568

* Gross.

ASSETS, DEC. 31, 1914: Cash, \$391; agents' balances, \$1,086; other assets and deferred premiums, \$32,842; total assets, \$33,819. Liabilities: Losses unpaid, \$638; reinsurance reserve, \$6,422; borrowed money, \$2,000; total liabilities, \$9,061.

Fire and tornado risks in force, December 31, \$4,681,639.

MISCELLANEOUS: Association writes fire and tornado insurance on mercantile buildings and stocks and on town dwellings.

On mercantile risks it collects full annual premium in advance and returns a dividend at expiration of policy. It writes town dwelling risks on a classification calling for an advance assessment, and subsequent assessments are made as necessary during the life of the policy, the member's profit being the difference between the regular rate and the amount collected.

IOWA MUTUAL TORNADO INSURANCE ASSOCIATION, Des Moines, Ia.

President, N. Densmore; Secretary, J. B. Herriman. Organised, 1883.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914*	\$129,464		\$129,457	\$193,943	\$198,132	\$164,482		\$62,163	\$226,646	\$164,482
1913*	155,597		155,558	281,234	283,547	186,964		37,751	224,715	186,964
1912*	94,794		94,494	62,480	65,869	16,678		49,119	65,797	16,678

* Nov. 1.

ASSETS, DEC. 31, 1914: Cash, \$126,644; agents' balances, \$2,220; interest and rents, \$600; total assets, \$129,464; liabilities, \$7.

Tornado and windstorm risks in force, December 31, \$193,000.

IOWA STATE INSURANCE COMPANY, Keokuk, Ia.

President, William Logan; Secretary, G. C. Tucker. Organised, 1855.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$822,268	\$696,773	\$93,313	\$426,762	\$438,494	\$285,986		\$175,226	\$461,212	\$275,266
1913	\$534,445	735,466	73,299	808,370	520,181	298,006		192,178	487,184	286,665
1912	\$809,762	655,556	124,495	385,724	397,511	195,230		171,306	366,536	200,976

Includes \$489,424 in 1914 bills receivable.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$8,000	Losses unpaid.....	\$25,067
Cash.....	310,393	Unearned prems.....	696,773
Uncollected prems.....	5,412	Other liabilities.....	7,115
Agents' balances.....	7,742		
Other assets.....	1,397	Total liabilities.....	\$728,955
Bills receivable.....	489,424	Surplus.....	93,313
Total assets.....	\$822,268	Total.....	\$822,268

RISKS AND PREMIUMS: Fire risks in force, December 31, \$69,996,531; premiums thereon, \$1,741,932.

BUSINESS SINCE ORGANIZATION: Premiums received, \$8,016,371; losses paid, \$3,886,610.

REAL ESTATE OWNED: Consists of the company's home office building, a 4-story brick structure situated corner 2d and Main sts., Keokuk, Ia., carried at book value.

DIRECTORS: William Logan, G. C. Tucker, Alex. E. Johnston, Wells M. Irwin, James C. Davis, W. N. Sage.

FIELD MEN AND TERRITORY COVERED: C. B. Wright, Des Moines, adjuster; Scott Humbert, J. N. Sterling, C. M. Teeters, Chas. T. Millard, J. W. Ellenberger, special agents for Ia.; G. R. Homba, Mo., State agent; T. A. F. Mitchell, special agent for Mo. The company operates only in Ia. and Mo.

ITALIAN MUTUAL FIRE INSURANCE COMPANY, Laurium, Mich.

President, Vincent Vairo; Secretary, John Braoco. Organised, 1901.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$27,006		\$27,004	\$8,154	\$9,142	\$146	\$3,773	\$1,559	\$5,478	\$146
1913	23,440		23,440	9,711	9,711	3,314	6,749	2,558	12,521	2,810

ASSETS, DEC. 31, 1914: Mortgage loans, \$4,616; cash, \$21,410; agents' balances, \$980; total assets, \$27,006. Liabilities: \$2.

Fire risks in force, December 31, \$578,595.

JEFFERSON COUNTY PATRONS FIRE RELIEF ASSOCIATION, Watertown, N. Y.

President, Ira Sharp; Secretary, W. H. Vary. Organised, 1877.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$15,312		\$12,204	\$27,402	\$27,601	\$26,979		\$6,628	\$33,607	
1913	21,319		21,319	26,774	26,801	17,986		6,626	24,612	
1912	19,530		16,359	34,605	34,779	29,389	9	6,914	36,312	

ASSETS, DEC. 31, 1914: Cash, \$15,312. Liabilities: Losses unpaid, \$3,008; total liabilities, \$3,008; surplus, \$12,204.

Fire risks in force, December 31, \$17,077,886.

MISCELLANEOUS: The law of 1910 allows co-operative companies seven years for the accumulation of reserve.

JEFFERSON MUTUAL FIRE INSURANCE COMPANY, St. Louis, Mo.

President, August F. Klasing; Secretary and Treasurer, Louis W. Schonebeck. Organised, 1861.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$125,785	\$33,592	\$90,321	\$24,361	\$41,288	\$10,828		\$18,353	\$29,181	
1913	131,009	33,477	96,444	24,914	43,970	7,867		36,061	43,948	\$9,522
1912	120,990	28,795	91,496	16,828	28,668	5,457		16,098	21,555	5,457

Premium notes, \$320,030.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$68,950	Losses unpaid.....	\$1,232
Bonds and stocks.....	50,193	Unearned prems.....	33,592
Cash.....	2,573	Other liabilities.....	640
Agents' balances.....	2,048		
Interest and rents...	2,022	Total liabilities.....	\$35,464
		Surplus.....	90,321
Total assets.....	\$125,785	Total.....	\$125,785

Net amount of premium notes, Dec. 31, \$312,358.

Fire risks in force, December 31, \$9,871,288.

JORDAN MUTUAL FIRE INSURANCE COMPANY, Allentown, Pa.

President, W. F. Hecker; Secretary and Treasurer, Wm. F. Ruhe. Organised, 1870.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$54,974		\$54,974	\$3,461	\$6,144	\$287			\$287	\$287
1913	51,883		51,883	3,339	5,823	1,100		1,992	3,092	1,100
1912	50,299		50,299	3,236	7,296	249	\$48	6,234	6,531	249

ASSETS, DEC. 31, 1914: Mortgage loans, \$34,000; bonds and stocks, \$15,225; cash, \$5,725; agents' balances, \$91; interest and rents, \$333; total assets, \$54,974. No liabilities.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,549,462.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,415,543; losses paid, \$49,282.

MORTGAGE LOANS: There are 8 loans aggregating \$34,000, mainly upon improved city property worth about twice the amount loaned, and are secured by fire insurance policies as collateral.

BONDS OWNED:

	Par Value.	Market Value.
Reading, gn., 4%.....	\$4,000	\$3,720
Allentown, co.....	4,500	4,500
State Belt El. R.R.....	1,700	1,020
Lehigh Valley Ry., gn.....	3,000	2,903
Lehigh Coal & Nav., co.....	3,000	2,902
Totals.....	\$16,200	\$15,225

TERRITORY COVERED: Pa. only.

KANSAS FARMERS MUTUAL INSURANCE COMPANY, Upland, Kan.

President, John Wilkins; Secretary, C. J. Olson. Organised, 1896.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$68,902		\$68,902	\$28,499	\$31,328	\$7,273		\$11,109	\$18,382	\$7,273
1913	55,696		55,696	20,409	31,065	6,818		11,280	18,098	6,818
1912	40,606		40,606	16,709	26,571	6,201		9,698	15,919	6,201

ASSETS, DEC. 31, 1914: Real estate, \$1,200; mortgage loans, \$54,100; cash, \$10,195; agents' balances, \$2,225; interest and rents, \$1,183; total assets, \$68,902. No liabilities.

Net amount of members' liability, Dec. 31, \$33,668.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$6,703,128.

BUSINESS SINCE ORGANIZATION: Premiums received, \$227,230; losses paid, \$71,314.

REAL ESTATE OWNED: Company's home office building.

MORTGAGE LOANS: There are 31 loans, aggregating \$54,100, protected by Kansas farm lands valued at \$235,000. Company holds \$5,720 of fire insurance on the buildings. On Dec. 31, last, there was \$313 of interest past due.

Territory covered, Kan. only.

KENT COUNTY MUTUAL INSURANCE COMPANY, Dover, Del.

President, James J. Row; Secretary, Wm. Denney. Organised, 1847.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$285,428		\$289,127	\$66,370	\$79,421	\$30,899	\$33,490	\$18,413	\$82,802	\$32,044
1913	272,081		272,635	64,044	76,830	11,849	23,351	26,480	61,670	11,460
1912	260,657		267,112	62,154	77,261	23,977	17,883	17,795	59,660	22,605

ASSETS, DEC. 31, 1914.

Real estate.....	\$6,241
Mortgage loans.....	194,438
Bonds and stocks.....	77,437
Cash.....	517
Interest and rents.....	6,095
Other assets.....	700
Total assets.....	\$285,428

LIABILITIES, DEC. 31, 1914.

Losses unpaid.....	\$1,301
Borrowed money.....	15,000
Total liabilities.....	\$16,301
Surplus.....	269,127
Total.....	\$285,428

RISKS AND PREMIUMS: Fire risks in force, December 31, \$12,726,222; premiums thereon, \$66,370.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,861,618; losses paid, \$482,457; dividends declared, cash, \$487,288.

REAL ESTATE OWNED: Consists of company's home office building in Dover, Del., valued at \$6,241. Rents received last year amounted to \$280; expenses, \$59.

MORTGAGE LOANS: These 65 loans amount to \$194,438, mainly upon farm and town property valued at \$459,700. The company holds \$151,626 of fire insurance on the property, and there was \$388 of interest past due on December 31, last.

BONDS AND STOCKS OWNED: This item, the par value of which amounts to \$82,000, and the market value \$77,437, consists of Lehigh Valley R. R., gn. m., 4%; Penna. Co., gr., 4%; New York Cent. R. R., deb., 4%; Reading, Jersey Central, coll., 4%; Union Pacific 1 m., 4%; and Town of Dover, Del., Bldg., 4 1/2%.

FIELD MEN AND TERRITORY COVERED: Alexander Noble, general agent for Md.; Wm. P. Forkum, general agent for Del. The company operates in Del. and Md.

KEWASKUM MUTUAL FIRE INSURANCE COMPANY, Kewaskum, Wis.

President, A. L. Rosenheimer; Secretary, Joseph Schmidt. Organised, 1901.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$29,400		\$28,900	\$30,950	\$31,716	\$5,560		\$9,397	\$14,947	\$6,050
1913	22,351		21,851	20,891	21,358	9,784		9,016	18,800	10,784
1912	19,749		16,869	21,391	22,788	12,024		9,473	21,497	12,024

ASSETS, DEC. 31, 1914: Mortgage loans, \$14,500; etc. of dep. \$8,500; collateral loans, \$900; cash, \$4,531; agents' balances, \$749; interest, \$320; total assets, \$29,400. Liabilities: Losses unpaid, \$500.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,201,592.

LOSSES PAID SINCE ORGANIZATION: \$97,018.

KEYSTONE MUTUAL FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, F. A. Downes; Secretary, Wm. M. Burgess. Organized, 1884.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to Pyh'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$387,126	\$201,736	\$178,489	\$334,339	\$349,716	\$23,219	\$301,947	\$26,644	\$351,810	\$27,716
1913	387,584	201,414	182,889	359,059	373,516	12,200	297,195	27,868	337,263	11,263
1912	362,572	186,448	169,507	346,326	359,926	23,327	286,465	30,472	340,264	24,093

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Bonds	\$318,170		Losses unpaid	\$5,748	
Cash	52,731		Unearned premiums	201,736	
Agents' balances	11,852		Other liabilities	1,163	
Interest	4,873				
			Total liabilities	\$208,637	
			Surplus	178,489	
Total assets	\$387,126		Total	\$387,126	

Net amount of members' liability, Dec. 31, \$1,982,011; underwriting profit, \$280,370; investment profit, \$17,777.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$43,491,227; premiums thereon, \$396,402.

BUSINESS SINCE ORGANIZATION: Premiums received, \$5,516,163; losses paid, \$845,355; dividends declared, cash, \$3,930,081.

BONDS OWNED:

	Market Value.
Albany, N. Y., 4%	\$9,900
Clinton, Co., N. Y., 4%	10,100
Duluth, Minn., 5%	5,800
New York, N. Y., 4%	15,000
Philadelphia, Pa., 4%	10,200
White Plains, N. Y., 4%	10,170
Yonkers, N. Y., 5%	5,100
A. T. & S. Fe Ry., 4%	4,550
Atl. Coast Line R.R., 4%	4,600
Balto. & O. R.R., 3%	9,200
Columbia & Greenville R.R., 6%	5,100
Columbus & Toledo R.R., 4%	9,100
Denver & Rio Grande R.R., 5%	8,300
Ft. Worth & Denver City Ry., 6%	10,500
Ind., Ill. & Ia. R.R., 4%	4,400
Ky. Central Ry., 4%	4,500
Lehigh & N. Y. R.R., 4%	4,400
Lehigh Valley R.R., 4%	15,300

BONDS OWNED.—Cont.		Market Value.
Lehigh Valley R.R., 6%		\$5,600
L. I. City & Flushing R.R., 5%		5,250
L. I. R.R., 4%		5,550
Minn. & St. L. R.R., 4%		4,000
Mo. Pac. Ry., 5%		4,750
N. Y. & Erie R.R., 5%		5,100
Northampton R.R., 5%		5,250
Ore. R.R. & Nav., 4%		9,300
Peoples Pass. Ry., Phila., 4%		4,200
Phila. & Balto. & Wash. R.R., 4%		9,900
Phila. & Erie R.R., 4%		4,850
Phila., Wilm. & Balto. R.R., 4%		34,650
Pitts., Cin., Chi. & St. L. Ry., 3%		9,200
So. Pac. Ry., 4%		4,600
So. Ry., 5%		5,250
St. L., I. Mtn. & So. Ry., 4%		11,050
St. Louis Transit, 5%		3,400
St. P., Minn. & Man. Ry., 4%		10,400
Wab. & Pitts. Tm. Ry., 4%		800
Washington Tm., 4%		4,900
W. Jersey & Seaboard R.R., 4%		4,550
Wheeling & Lake Erie R.R., 4%		7,400
Winston-Salem Sbd. Ry., 4%		8,700
Wisconsin Central R.R., 4%		4,400
Total		\$318,170

MISCELLANEOUS: This company, together with the Manton National, Atlantic and Southern States Mutual Insurance Companies, is under the same management. Conflagration losses: Baltimore, 1904, \$300.

FIELD MEN AND TERRITORY COVERED: Philip J. Halla, Chicago, Ill.; E. Herbert Jenks, Detroit, Mich.; Davis D. Randall, Boston, Mass.; Henry G. Frost, Cincinnati, O.; Robert D. Shore, Winston-Salem, N. C. Company is licensed in Ill., Mass., Mich., N. Y., N. C., O., Pa., S. C. and Wis.

KNOX COUNTY MUTUAL INSURANCE COMPANY, Mt. Vernon, O.

President, W. G. Bounds; Secretary, H. H. Greer. Organized, 1838.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to Pyh'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$179,099		\$172,099	\$12,256	\$73,484	\$32,319		\$32,392	\$64,711	\$35,519
1913	157,243		155,443	13,607	74,564	57,068		33,453	90,521	53,035
1912	186,406		178,760	70,231	72,644	36,133		31,687	67,820	38,131

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Real estate	\$9,000		Losses unpaid	\$5,000	
Mortgage loans	8,424		Other liabilities	2,000	
Bonds and stocks	86,430				
Cash	73,099		Total liabilities	\$7,000	
Agents' balances	1,242		Net surplus	172,099	
Interest and rents	904				
Total assets	\$179,099		Total	\$179,099	

Net amount of premium notes Dec. 31, \$1,763,422.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$12,702,848; premiums thereon, \$57,199.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,760,022; losses paid, \$904,729.

REAL ESTATE OWNED: The company owns its own office building located on East High st., Mt. Vernon, O. and carried at book value, \$9,000. Expenses incurred last year \$326.

MORTGAGE LOANS: There are 3 loans aggregating \$8,424 on property valued at \$22,840 and on which the company holds \$9,300 of insurance. \$522 of interest on Dec. 31, last, was past due.

BONDS AND STOCKS OWNED:

BONDS.	Par Value.	Market Value.
U. S. reg., 1930, 2%	\$30,000	\$38,800
U. S. c., 1930, 2%	2,000	1,920

STOCKS.

Home Bldg. & Loan, Mt. Vernon	20,000	22,080
1st Nat. Bk., Mt. Vernon	12,500	25,000
Citizens Bldg. & Loan, Mt. Vernon	1,400	1,400
Utica & Homer Tl.	2,000	2,000
Mt. Vernon Tl.	4,000	4,000

Totals (book value, \$73,930) \$71,900 \$75,150

LANCASTER MUTUAL FIRE INSURANCE COMPANY, Lancaster, N. Y.

President, Jos. Adolf; Secretary, P. P. Adolf.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'r's	Expenses	Total Expenditures	Losses Incurred
1914	\$21,675	.....	\$20,415	\$744	\$1,582	.....	.....	\$706	\$706	.....
1913	120,567	\$1,641	18,926	969	1,761	.....	.....	688	\$708	.....
1912	20,847	1,928	18,919	1,210	2,739	.....	.....	658	1,114	.....

‡ Cash.

ASSETS, DEC. 31, 1914: Cash, \$21,448; agents' balances, \$227; total assets, \$21,675. LIABILITIES: Unearned premiums, \$1,260; total liabilities, \$1,260; surplus, \$20,415.

Fire risks in force, December 31, \$184,425; premiums thereon, \$4,894.

MISCELLANEOUS: The law of 1910 allows co-operative companies seven years to accumulate reserve.

LEBANON MUTUAL INSURANCE COMPANY, Lebanon, Pa.

President, J. M. Shenk; Secretary, J. E. Walter. Organized, 1854.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'r's	Expenses	Total Expenditures	Losses Incurred
1914	\$58,414	.....	\$43,410	\$61,217	\$77,522	\$51,780	\$4,644	\$20,919	\$77,343	\$51,780
1913	51,245	.....	27,903	76,230	80,796	55,937	5,575	29,017	80,529	55,986
1912	53,112	23,425	12,446	68,647	73,739	57,952	.....	20,481	78,433	57,970

† Includes premium reserve.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Cash.....	\$19,960	Losses unpaid.....	\$13,871
Prms. & asmts due	38,454	Borrowed money.....	1,500
		Other liabilities.....	693
		Total liabilities...	\$15,064
		Surplus.....	43,410
Total assets.....	\$58,414	Total.....	\$58,414

Net amount of members' liability, Dec. 31, \$57,028.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,643,866.

MISCELLANEOUS: Besides the assets listed, the company has \$4,246,679 of unlimited assessable insurance in force where no premium notes were taken.

LITCHFIELD MUTUAL FIRE INSURANCE COMPANY, Litchfield, Conn.

President, Geo. W. Woodruff; Secretary, Frank B. Mason. Organized, 1833.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'r's	Expenses	Total Expenditures	Losses Incurred
1914	\$156,380	\$21,723	\$91,815	\$15,131	\$22,554	\$11,225	\$3,170	\$3,046	\$17,441	\$10,997
1913	149,354	20,777	\$7,738	14,492	21,346	4,653	3,025	2,812	10,490	4,584
1912	144,144	20,740	\$9,914	13,330	19,993	8,505	2,713	2,749	13,967	9,115

* Excludes contingent reserve.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$10,619	Unearned prms....	\$21,724
Bonds and stocks.....	108,465	Contingent res....	42,717
Collateral loans.....	2,600	Other liabilities.....	104
Cash.....	36,492	Total liabilities...	\$64,545
Agents' balances.....	1,673	Surplus.....	91,815
Interest.....	1,511		
Total assets.....	\$156,380	Total.....	\$156,380

Underwriting loss, \$1,701; investment profit, \$3,170.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,627,400; premiums thereon, \$42,310.

MORTGAGE LOANS: There loans aggregate \$10,619 and are protected by improved real estate valued at more than double the amount loaned thereon. No interest past due, and company holds fire insurance policies on the mortgaged buildings.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
1st Nat. Bk., Litchfield.....		\$1,440	\$1,300
Amer. Dis. Tr.,		1,260	1,300
Litchfield Savings Soc.....		700	
Totals.....		\$3,400	\$2,600

BONDS AND STOCKS OWNED:

BONDS.	Par Value.	Market Value.
Duluth, wat. lt., 1926, 5%.....	\$3,000	\$3,120
Athens Ry. & El., 1950, 5%.....	5,000	4,260
Boston & Maine, 1929, 4%.....	5,000	4,260
Chi., Mil. & St. P., 1934, 4%.....	5,000	4,600
Jamestown, Frank. & Cleve., 1909, 4%.....	15,000	13,800
N. Y., N. H. & H., 1956, 4%.....	20,000	18,400
N. Y., N. H. & H., 1948, 6%.....	2,000	2,180
Nwn Union, 1917, 7%.....	1,000	1,080
Ore. Short Line, 1927, 4%.....	1,000	910
Nwn. Ohio, 1945, 5%.....	5,000	4,960
Providence Securities Co., 1957, 4%.....	3,000	1,800
Gr. No. Fow., 1935, 5%.....	5,000	4,500
Hartford, Conn., 1937, 4%.....	5,000	5,200
Tampa, Fla., 1952, 5%.....	5,000	5,100
STOCKS.		
A. T. & S. F., p.....	5,000	5,000
Chi. & Nwn., p.....	2,000	3,500
Chi. & Nwn., com.....	1,900	2,470
Conn. Ry. & L. Co.....	6,500	6,000
N. Y., N. H. & H., rights.....	500	325
Union Pac., p.....	9,000	8,300
First Nat. Bk., Litchfield, Conn.....	1,400	1,750
Northwestern Fow.....	100	80
American Chain.....	5,000	4,900
Totals (book value, \$111,400).....	\$111,400	\$103,465

LITTLE BLACK FARMERS MUTUAL FIRE INS. CO., Stetsonville, Wis.

President, John Kraemer; Secretary, Vincent Jakel. Organized, 1889.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$28,077		\$28,077	\$4,949	\$6,218	\$4,237		\$1,376	\$5,603	\$4,237
1913	27,462		27,462	4,265	5,450	1,839		1,278	3,119	1,839
1912	25,116		25,116	3,757	4,790	1,993		1,168	2,861	1,993

ASSETS, DEC. 31, 1914: Mortgage loans, \$26,570; cash, \$1,507; total assets, \$28,077. No liabilities.
 Fire risks in force, December 31, \$1,957,880.

Losses paid since organization, \$31,661.
 FIELD MEN AND TERRITORY COVERED: Vincent Storck, Stetsonville, Wis. Operates in Wis. only.

LIVINGSTON COUNTY MUTUAL FIRE INS. CO., Livonia Center, N. Y.

President, F. M. Davis; Secretary, L. H. Beecher. Organized, 1881.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$18,963	\$16,125	\$1,561	\$14,046	\$14,702	\$13,405		\$3,198	\$16,603	
1913	20,830	15,494	4,344	13,839	14,431	7,362		3,989	11,351	
1912	17,860	14,344	1,940	26,232	20,576	9,090		3,616	12,706	\$9,090

ASSETS, DEC. 31, 1914: Cash, \$17,748; agents' balances, \$1,171; interest, \$44; total assets, \$18,963. Total liabilities Dec. 31, 1914, \$17,403; surplus, \$1,561.

Fire risks in force, December 31, \$5,351,630; premiums thereon, \$88,504.
 MISCELLANEOUS: The Law of 1910 allows co-operative companies seven years to accumulate reserve.

LOUISVILLE GERMAN MUTUAL FIRE INS. COMPANY, Louisville, Ky.

President, Anton Geistlich; Secretary, Jos. Hubbuch, Sr. Organized, 1855.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$45,476		\$45,476	\$4,278	\$6,500	\$2,578		\$2,746	\$5,224	\$2,578
1913	41,152		41,152	3,592	5,725	2,592		2,366	4,958	2,592
1912	43,565		43,565	2,851	5,491	751		2,243	3,094	751

ASSETS, DEC. 31, 1914: Mortgage loans, \$4,400; bonds and stocks, \$39,795; cash, \$1,281; total assets, \$45,476. No liabilities.
 Fire risks in force December 31, \$3,976,977.

BUSINESS SINCE ORGANIZATION: Premiums received, \$105,389; losses paid, \$56,074.

MORTGAGE LOANS: There are 7 loans amounting to \$4,400 on property in Jefferson Co., Ky., valued at \$13,400 on which the company holds \$7,045 of insurance.

BONDS OWNED.		Par Value.	Book Value.
Louisville Water Co., 4%.....		\$11,000	\$11,115
Louisville City, 3 1/2%.....		27,000	25,530
Central Consumers, not admitted, 5%....		3,000	3,150
Totals.....		\$41,000	\$39,795

LOWELL MUTUAL FIRE INSURANCE COMPANY, Lowell, Mass.

President, Clarence H. Nelson; Secretary, Jos. Peabody. Organized, 1832.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$189,967	\$113,259	\$68,448	\$76,049	\$95,509	\$45,900	\$26,010	\$29,007	\$100,917	\$45,700
1913	198,423	111,878	\$3,775	79,466	95,445	27,974	28,009	28,933	84,916	28,024
1912	210,815	106,338	101,676	72,965	86,079	26,278	26,398	26,068	80,744	19,937

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$5,300	Losses unpaid.....	\$1,359
Bonds and stocks.....	162,436	Unearned premiums.....	113,259
Cash.....	11,190	Borrowed money.....	5,000
Agents' balances.....	9,310	Other liabilities.....	1,901
Interest.....	1,731		

Total liabilities.....	\$121,519		
Surplus.....	68,448		
Total assets.....	\$189,967	Total.....	\$189,967

Underwriting profit, \$2,504; investment profit, \$8,231.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$14,464,954; premiums thereon, \$233,185.

MORTGAGE LOANS: These loans aggregate \$5,300 and are amply protected by improved real estate in Mass.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Boston, Mass., 1923-37, 4%.....		\$3,000	\$2,970
Middletown, Conn., 1921, 3 1/2%.....		3,000	2,940
Sharon, Mass., 1923-4, 4%.....		2,000	2,000
B. & A., 1935, 4%.....		3,000	2,790
Bos. Elev., 1935, 4%.....		10,000	8,600
B. & L., 1916-32, 4%.....		9,000	8,760
B. & M., 1921-25, 3 1/2%.....		5,000	4,020
Cent. Vt., 1920, 4%.....		1,000	800
Chicago & Northwestern, 1967, 4%.....		3,000	2,850
C. B. & Q., 1949, 3 1/2%.....		2,000	1,700
C. B. & Q., 1919-49, 4%.....		5,000	4,870
Cleveland, O., 1824, 4 1/2%.....		7,000	7,350
Fitchburg, 1925, 4%.....		3,000	2,760

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Hartford, Conn., 1833, 4 1/2%.....		\$3,000	\$3,150
Ill. Cent., 1951, 3 1/2%.....		3,000	2,480
N. Y. C. & H. R., 1907, 3 1/2%.....		1,000	830
N. Y. C. & H. R., 1916-17, 5%.....		2,000	2,020
N. Y. & N. H. & H., 1955-56, 4%.....		18,000	13,200
Port. & Rumf., 1926, 4%.....		3,000	2,760
Portland Tm., 1961, 4%.....		7,000	6,080
Richm. & Wash., 1943, 4%.....		2,000	1,900
Wash. Co., 1954, 3 1/2%.....		1,000	730
Amer. Tl. & Tg., 1929, 4%.....		13,000	11,570
By. St. Ry., 1917-19, 5%.....		5,000	5,000
New Eng. Tl. & Tg., 1932, 5%.....		6,000	6,080
Western Tl. & Tg., 1932, 5%.....		1,000	970

STOCKS.		Par Value.	Market Value.
B. & L.....		2,000	3,200
B. & M.....		3,700	1,295
Lowell & Andover.....		7,100	7,313
Vt. & Mass.....		600	750
Union Nat. Bk., Lowell.....		1,800	3,083
Appleton Co., Lowell.....		3,800	6,840
Hamilton Mfg., Lowell.....		2,000	1,500
Hill Co., Lewiston.....		1,500	1,350
Lawrence Co.....		1,600	2,432
Lowell Blanchery.....		3,200	4,000
Lowell Gas Lt.....		4,800	12,328
Mass. Cotton Mills.....		5,000	5,800
Merrimack Mfg., c.....		12,200	3,200
Totals (book value, \$170,700).....		\$170,700	\$162,436

THE LUMBER MUTUAL FIRE INSURANCE COMPANY of Boston, Mass.

President, Geo. W. Gale; Secretary, H. E. Stone. Organized, 1895.

YEAR.	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$861,031	\$232,177	\$806,262	\$439,671	\$548,189	\$176,507	\$186,687	\$97,690	\$460,884	\$185,854
1913	768,080	221,145	536,624	464,991	515,375	197,990	172,437	99,213	469,640	187,855
1912	745,149	203,885	531,731	424,105	471,529	146,014	157,600	87,743	391,357	152,291

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$731,645	Losses unpaid.....	\$14,063
Cash.....	109,496	Unearned prems.....	232,177
Agents' balances.....	21,512	Other liabilities.....	8,509
Interest.....	10,306		
Other assets.....	428	Total liabilities.....	\$254,769
Total.....	\$961,031	Surplus.....	606,262
Less excess deposits.....	2,256		
Total ad. assets.....	\$961,031	Total.....	\$961,031

Net amount of members' liability, Dec. 31, \$1,393,060; underwriting profit, \$215,818; investment profit, \$42,772.

RISKS AND PREMIUMS: Fire risks in force December 31, \$21,220,041; premiums thereon, \$464,353.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,067,500; losses paid, \$1,412,716; dividends declared, \$1,315,891.

BONDS OWNED:		Par Value.	Market Value.
Attleborough, Mass., c. 1920, 34%.....		\$5,000	\$4,800
Augusta, Ga., reg., 1942, 44%.....		10,000	10,000
Boston, Mass., reg., 1922-25-35, 34%.....		24,000	22,580
Brookton, Mass., c. 1934, 34%.....		14,000	12,880
Brookline, Mass., c. 1920-1-2-3, 34%.....		10,000	9,625
Buffalo, N. Y., reg., 1944, 44%.....		10,000	10,300
California, reg., 1940, 44%.....		5,000	4,850
Cambridge, Mass., reg., 1921-5, 34%.....		20,000	19,100
Cleveland, O., reg., 1934, 44%.....		5,000	5,250
Falmouth, Mass., c. 1929-30-1, 34%.....		5,000	4,650
Frammingham, Mass., c. 1925-6, 44%.....		8,000	7,920
Gloucester, Mass., c. 1919-20-1-2, 44%.....		7,000	7,080
Minneapolis, Minn., reg., 1944, 44%.....		10,000	9,800
Nashville, Tenn., c. 1923, 44%.....		10,000	10,000
Newport, R. I., c. 1927-38, 44%.....		10,000	10,450
Ottawa, Ont., c. 1943, 44%.....		10,000	9,700
Pawtucket, R. I., prin. reg., 1944, 44%.....		10,000	9,700
Pittsburg, Pa., reg., 1926, 44%.....		6,000	6,000
Portland, Ore., c. 1934, 44%.....		11,000	10,780
St. Paul, Minn., reg., 1933-43, 44%.....		4,000	4,000
Stamford, Conn., c. 1938-42, 44%.....		10,000	9,900
Toronto, Ont., c. 1922, 44%.....		5,000	4,800
Waltham, Mass., reg., 1921, 34%.....		7,000	6,720
Waterbury, Conn., reg., 1941, 44%.....		5,000	4,900
Westmont, Quebec, c. 1955, 44%.....		5,000	4,800
B. & O. R.R., P. L. E. W. Va. vs. reg., 1941, 44%.....		5,000	4,350
Boston & Albany R.R., reg., 1951, 34%.....		4,000	3,280
Boston & Albany R.R., reg., 1933, 44%.....		15,000	14,100
Boston St. Ry., reg., 1941, 44%.....		10,000	9,100
Boston Elev. Ry., reg., 1942, 54%.....		5,000	4,900
Boston & Mo. R.R., reg., 1926, 44%.....		8,000	6,160
Boston & Mo. R.R., reg., 1929, 44%.....		5,000	3,850
B. & N. Y. A. L. R.R., reg., 1955, 44%.....		10,000	8,600
B. & No. St. Ry., c. 1954, 44%.....		2,000	1,760
B. & No. St. Ry., prin. reg., 1954, 44%.....		8,000	7,040
B. R.R. & Lynn R.R., prin. reg., 1927, 44%.....		10,000	9,600
C. B. & Q. R.R., reg., 1940, 44%.....		5,000	4,750
Chicago Ry., reg., 1927, 54%.....		5,000	4,950
Cleveland Ry., prin. reg., 1931, 54%.....		5,000	5,050
C. & M. R.R., ca. m. prin. reg., 1920, 44%.....		10,000	9,600
Dallas El. Cp., prin. reg., 1922, 54%.....		5,000	4,800
Davville St. Ry., Lt., prin. reg., 1925, 54%.....		5,000	4,850
Dutchess Co. R.R., c. 1940, 44%.....		5,000	4,850
Fitchburg R.R., reg., c. 1928, 44%.....		11,000	10,450
Fla. E. Coast Ry., reg., 1959, 44%.....		5,000	4,550
Inter. Ry., reg., 1932, 54%.....		8,000	7,360
Kan. Cy. & Mem. Ry., reg., 1929, 54%.....		5,000	4,650
Kansas City Tm. Ry., c. 1960, 44%.....		5,000	4,700
L. Shore & M. So. Ry., reg., 1931, 44%.....		10,000	9,400
L. I. R.R. r. gr. reg., 1949, 44%.....		10,000	9,100
Ma. C. R.R. & E. & N. A. Ry., c. 1933, 44%.....		5,000	4,550
Middlesex & Bos. St. Ry., c. 1932, 44%.....		5,000	4,750
M.S.P. & S.S.M. Ry., C.T. Ry., r., 1941, 44%.....		5,000	4,800
Montreal Tmwy., prin. reg., 1941, 54%.....		8,000	7,920
New B. M. & B. St. Ry., 1920, 54%.....		5,000	4,900
N. Y. C. & H. R.R., reg., 1934, 44%.....		5,000	2,500
N. Y., N. H. & H. R.R., reg., 1955, 44%.....		10,000	7,400
N. Y., N. H. & H. R.R., reg., 1948, 64%.....		10,000	10,600

BONDS OWNED.—Cont.		Par Value.	Market Value.
N. Y., N. H. & H. R.R., reg., c. 1956, 44%.....		\$16,000	\$11,840
No. O. T. & L., prin. reg., 1933, 44%.....		5,000	3,760
N.P. Ry., Gt. N. Ry., Jt. ba., C.B. & Q. col., c. 1921, 44%.....		5,000	4,850
No. Tex. Tc., c. prin. reg., 1933, 54%.....		8,000	8,000
Old Colony R.R., reg., 1938, 44%.....		5,000	4,550
Old Colony St. Ry., c. 1954, 44%.....		6,000	5,280
Ore. El. Ry., prin. reg., 1933, 54%.....		3,000	2,940
Pa. prin. reg., 1952, 44%.....		5,000	4,650
P. & O. Ry., reg., 1928, 44%.....		5,000	4,900
Prov. Sec. Cp., reg., 1957, 44%.....		10,000	5,800
Seranton & W. T. Cp., prin. reg., 1951, 54%.....		8,000	7,680
Seattle El., reg., 1929, 54%.....		5,000	4,850
Texas Tc., c. 1937, 54%.....		5,000	4,500
Va. Ry., reg., 1962, 54%.....		5,000	4,900
West End St. Ry., reg., 1923, 44%.....		5,000	4,900
Adirondack El. Pow. op., prin. reg., 1962, 54%.....		8,000	7,360
Am. Agric. Chemical, reg., 1928, 54%.....		10,000	10,100
Amer. Tl. & Tg., c. 1929, 44%.....		12,000	10,680
Armour, reg., 1939, 44%.....		5,000	4,650
Bell Tl. Can. Ltd., prin. reg., 1925, 54%.....		5,000	4,950
Cent. Maine Pow., prin. reg., 1939, 54%.....		8,000	7,680
Chicago Tl., reg., 1923, 54%.....		5,000	5,050
Consumers Pow. Inc., c. p. reg., 1936, 54%.....		10,000	9,400
Detroit Edison, prin. reg., 1933, 54%.....		10,000	10,300
Dominion Pow. & Transm., Ltd., Hamilton, Ont., c. 1932, 54%.....		5,000	4,750
E. Texas El., c. 1942, 54%.....		5,000	4,650
El Paso El., prin. reg., 1932, 54%.....		2,000	1,980
Hamilton El. Lt. & Cst. Pow., Ltd., prin. reg., 1929, 54%.....		5,000	4,950
Iroquois Iron, reg., 1916, 54%.....		4,000	3,840
Los Angeles Gas & El. Cp., p. reg., 1939, 54%.....		5,000	4,700
Mass. Gas, reg., 1929-31, 44%.....		10,000	9,550
Min'n' G. El., prin. reg., 1934, 54%.....		3,000	3,000
Mo. Edison El., prin. reg., 1927, 54%.....		6,000	6,000
New Eng. Tl. & Tg., prin. reg., 1932, 54%.....		5,000	5,050
Omaha El. Lt. & Pow., c. 1933, 54%.....		5,000	4,650
Portland G. El., prin. reg., 1935, 54%.....		8,000	8,000
San Fran. Gas & El., reg., 1933, 44%.....		8,000	7,280
Seranton El., prin. reg., 1937, 54%.....		10,000	10,100
Sierra & San Fran. Pow., reg., 1949, 54%.....		5,000	4,600
So. Cal. Edison, prin. reg., 1939, 54%.....		8,000	7,520
So. Power Co., prin. reg., 1930, 54%.....		15,000	15,000
Texas Pow. & Lt., prin. reg., 1937, 54%.....		5,000	4,600
United El. Lt. & Pow., prin. reg., 1929, 44%.....		7,000	6,510
United El. Sec., prin. reg., 1942-3, 54%.....		10,000	9,800
Utica Gas & El., c. 1957, 54%.....		5,000	4,950
West. El., prin. reg., 1922, 54%.....		5,000	5,180

Totals (book value, \$755,534)..... \$765,000 \$721,645

MISCELLANEOUS: Conflagration loss: Baltimore, 1904, \$2,000. Deposit in Ga., \$10,000.

DIRECTORS: Alfred W. Booth, Jerome C. Borden, Edwin Bradley, John B. Bugbee, Wm. O. Curtis, Geo. H. Davenport, Geo. W. Gale, George E. Kimball, Louis A. Mansfield, E. S. Nail, Wm. M. Paul, William H. Sawyer, Horace B. Shepard, John F. Steeves.

FIELD MEN AND TERRITORY COVERED: A. L. Arts, T. E. Baker, A. J. M. Parry, J. D. Shute, W. J. Stanley and J. S. Wilson, inspectors. General agents: Louis A. Mansfield, New Haven, Conn., for Conn.; F. Wade Vaughan, Atlanta, Ga., for Ga. and S. C.; F. B. Fowler, Indianapolis, Ind., for Ind.; James S. Kemper, Chicago, Ill., for Ill.; Leo F. Worland, Louisville, Ky., and Wm. Cunningham, Winchester, Ky., for Ky.; Harry M. Stone, East Otisfield, Me., for Me.; A. C. Benes, Detroit, Mich., for Mich.; M. S. Mathews, Minneapolis, Minn., for Minn.; I. G. Saltmarsh, Kansas City, Mo., for Mo.; E. F. Perry & Co., New York City, for N. Y.; E. S. Nail, Mansfield, O., for O.; Justin Peters, H. J. Pelstring, Philadelphia, and F. M. Neff, Pittsburg, Pa., for Pa.; Everett Van Matre, Memphis, Tenn., for Tenn.; C. E. Curtis, Burlington, Vt., for Vt.; F. J. Martin, Seattle, Wash., for Wash.; F. K. Frankeberger, Charleston, W. Va., for W. Va.; Adolph Pfund, Milwaukee, Wis., for Wis. The company is licensed in Cal., Conn., Ga., Ill., Ind., Ky., Me., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Ore., Pa., S. C., Tenn., Vt., Wash., W. Va. and Wis.

LUMBERMENS MUTUAL INSURANCE COMPANY, Mansfield, O.

President, E. S. Nail; Secretary, W. H. G. Kegg. Organized, 1895.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$642,196	\$231,391	\$390,325	\$457,081	\$480,529	\$171,269	\$173,345	\$96,169	\$440,783	\$186,588
1913	606,856	211,412	381,616	435,528	460,945	191,468	161,211	91,576	444,355	174,923
1912	590,773	195,052	367,165	405,723	427,032	143,060	132,469	81,176	376,704	153,783

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$23,700	Losses unpaid.....	\$19,725
Mortgage loans.....	89,750	Unearned prems.....	231,391
Bonds and stocks.....	482,274	Other liabilities.....	10,755
Cash.....	19,802		
Agents' balances.....	24,360	Total liabilities.....	\$251,871
Interest.....	6,102	Surplus.....	390,325
Other assets.....	2,000		
Total.....	\$647,988		
Spl. dep. over liab.....	5,792		
Total assets.....	\$642,196	Total.....	\$642,196

Net amount of members' liability, Dec. 31, \$1,330,744; underwriting profit, \$165,587; investment profit, \$31,320.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$30,970,769; premiums thereon, \$442,783.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,828,339; losses paid, \$1,307,026; dividends declared, cash, \$1,234,999.

REAL ESTATE OWNED: Consists of company's home office building, the book value of which is \$23,700; market value, \$25,000.

MORTGAGE LOANS: There are 18 loans, amounting to \$89,750, on property valued at \$290,040. Eight loans are on property in Mansfield, five on farms in Richland County, one on a warehouse in Parrysville, O., one on a country club in Richland Co., one on a manufacturing plant in Akron and two on dwellings in Toledo. Insurance held, \$102,300. No interest past due on December 31, last.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Akron, O., wat. wks., 1942, 4%.....		\$10,000	\$10,343
Akron, O., sc., 1937, 4%.....		10,000	10,294
Alliance, O., gd. cross., 1933, 4%.....		10,000	10,193
Ashtabula, O., sc., 1918-23, 4%.....		6,000	6,176
Atlanta, Ga., sc., 1931, 4%.....		10,000	10,000
Canton, O., p. & blvd. p. & fire al., 1926, 4%.....		12,000	12,213
Cincinnati, O., sc., 1949-8, 4%.....		34,000	35,606
Cincinnati, O., wat. wks., 1946, 4%.....		15,000	15,660
Cleve., O., Cuy. Riv. pur., 1943, 4%.....		14,000	14,480
Cleve., O., grade cross., 1923, 4%.....		39,000	40,110
Cleve., O., pks., 1929, 4%.....		38,000	39,280
Cleve., O., wat. wks., 1919, 4%.....		1,000	1,007
Cleve., O., wat. wks., 1920, 4%.....		25,000	25,225
Columbus, O., st. imp., 1919, 4%.....		5,000	5,037
Connecticut, O., sc., 1919-21, 4%.....		6,000	6,027
Cuy. Co., O., pub. bldg., 1922-7, 4%.....		30,000	30,518
Cuy. Co., O., pub. bldg., 1921, 4%.....		10,000	10,318
Dayton, O., bg., 1927-1, 4%.....		8,000	8,078

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont....			
E. Cleve., O., sc., 1927, 4%.....		\$3,000	\$3,028
E. Liverpool, O., sc., 1945-6, 4%.....		10,000	10,180
Elyria, O., wat. wks., 1919-23, 4%.....		5,000	5,026
Forestoria, O., sr. r., 1921, 4%.....		6,000	6,031
Ironton, O., wat. wks., r., 1926, 4%.....		5,000	5,044
Lorain, O., riv. front imp., 1936, 4%.....		5,000	5,353
Mansfield, O., sc., 1923-28, 4%.....		10,000	10,513
Marion, O., f., 1917-19, 4%.....		7,500	7,521
Marion, O., r., 1918, 4%.....		5,000	5,014
Marion, O., sc., 1921-26, 4%.....		21,000	21,787
Salem, O., r., 1931-35, 4%.....		5,000	5,064
Salem, O., wat. wks., 1935, 4%.....		5,500	5,575
Springfield, O., Buck Ck. imp., 1927-8, 4%.....		10,000	10,196
Toledo, O., bg., 1933, 4%.....		15,000	15,723
Van Wert, O., sc., 1932-37, 4%.....		10,000	10,131
Wauseon, O., sc., 1919-21, 4%.....		5,000	5,112
Wood Co., O., road, 1917, 5%.....		10,000	10,190
Youngstown, O., sc., 1923, 4%.....		3,000	3,122
Stocks.			
Little Miami R.R., gr.....		17,000	34,850
Farmers Sav. & Tr., Mansfield, O.....		7,850	12,340
Totals (book value, \$478,468).....		\$448,650	\$482,274

MISCELLANEOUS: Value of deposit in Ga., \$10,612.

DIRECTORS: E. S. Nail, G. W. Campbell, F. D. Torrence, B. F. Weybrecht, W. S. Parker, H. D. Henry, J. W. Frankeberger.

FIELD MEN AND TERRITORY COVERED: Gale & Stone, Boston, Mass., for New England States; A. C. Bensen, Detroit, Mich., for Mich.; J. S. Kemper, Chicago, Ill., for Wis.; F. J. Martin, Seattle, Wash., for Wash. and Western coast States; F. B. Fowler, Indianapolis, Ind., for Ind.; William Cunningham, Winchester, Ky., for Ky.; Justin Peters, Philadelphia, Pa., for Eastern Pa.; Frank M. Neff, Pittsburg, Pa., for western Pa.; E. Van Matre, Memphis, Tenn., for Tenn.; Fred Frankeberger, Charleston, W. Va., for W. Va.; F. Wade Vaughn, Atlanta, Ga., for Ga. Agent: Cal. W. F. Snyder, San Francisco; Me. Harry M. Stone, E. Otisfield, Me.; N. H. Jesse S. Wilson, Concord, N. H.; N. J. Harold S. Grigg, Haddonfield, N. J.; N. Y. A. L. Arts, Somerville, Mass.; T. E. Baker, N. Cambridge, Mass.; A. J. M. Parry, Medford, Mass.; W. J. Stanley, Danvers, Mass.; C. S. Settle, Philadelphia, Pa.; N. B. Morrell, Philadelphia, Pa.; R. J. Chalmers, Philadelphia, Pa.; A. H. Charman, Magnolia, N. J.; N. C. C. W. Pettit, New Bern, N. C.; Ore. J. H. Constantine, Portland, Ore. The company is licensed in Ga., Ill., Ind., Ky., Mass., Mich., Mo., O., Pa., Tenn., Wash., W. Va., Wis., Cal., Me., N. H., N. J., N. Y., N. C., Ore. and S. C., and writes business in the other States from the home office of the company.

LUZERNE MUTUAL FIRE INSURANCE COMPANY, Hazleton, Pa.

President, Henry Brodt; Secretary, Chas. Altmiller. Organized, 1876.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$40,626	.....	\$40,626	\$1,071	\$2,456	\$32	.....	\$848	\$880	\$32
1913	39,049	.....	39,049	1,101	2,635	.....	.....	813	813	.....
1912	37,227	.....	37,227	1,158	2,578	.....	2	820	822	2

ASSETS, DEC. 31, 1914: Mortgage loans, \$13,900; cash, \$10,226; Hazleton City bds., \$15,500; Janesville Iron Wks. bds., \$1,000; total assets, \$40,626. No liabilities.

Fire risks in force, December 31, \$228,650.

MORTGAGE LOANS: These aggregate \$13,900, and are protected by improved real estate in Hazleton and vicinity valued at more than double the amount loaned.

LYNN MANUFACTURERS AND MERCHANTS MUTUAL INSURANCE COMPANY, Lynn, Mass.

President, Patrik B. Magrane; Secretary, John H. Madden. Organised, 1906.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$140,236	\$21,959	\$118,025	.....	.....	.....	.....	.....	.....	.....
1913	136,747	12,088	123,399	\$11,376	\$18,688	\$3,278	\$9,114	\$2,993	\$15,385	\$4,481
1912	133,405	9,628	122,716	8,414	16,969	2,628	8,433	2,734	14,795	2,689

‡ Includes \$100,000 guaranty capital.

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Mortgage loans.....	\$31,750		Losses unpaid.....	\$252	
Stocks.....	34,635		Unearned premis.....	21,959	
Cash.....	12,906				
Agents' balances.....	9,530		Total liabilities...	\$22,311	
Interest.....	1,115		Guaranty.....	100,000	
			Net surplus.....	18,025	
Total assets.....	\$140,236		Total.....	\$140,236	

Fire risks in force, December 31, \$4,541,607.

MORTGAGE LOANS: There are loans aggregating \$81,750 protected principally by dwelling houses in Lynn valued at more than double the amount loaned thereon and on which the company holds ample insurance. On Dec. 31, last, there was no interest past due.

STOCKS OWNED.	Par Value.	Market Value.
Central Natl. Bk., Lynn.....	\$2,500	\$6,250
Mfrs. Nat. Bk., Lynn.....	6,000	9,000
National City Bk., Lynn.....	5,700	1,050
Lynn Storage Warehouse.....	1,000	1,050
Security Trust.....	4,000	8,400
Totals (book value, \$32,910).....	\$19,200	\$32,910

LYNN MUTUAL FIRE INSURANCE COMPANY, Concord, Mass.

President, Jas. S. Newhall; Secretary, Prescott Keyes. Organised, 1828.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$90,844	\$36,591	\$53,039	\$26,664	\$35,045	\$17,635	\$5,818	\$15,870	\$39,323	\$16,206
1913	95,142	31,032	61,709	21,330	29,099	3,799	4,760	11,139	19,698	5,506
1912	87,903	22,540	64,916	13,377	17,567	2,901	5,020	5,743	13,664	2,525

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Mortgage loans.....	\$15,550		Losses unpaid.....	\$969	
Bonds and stocks...	69,260		Unearned premiums.....	36,591	
Cash.....	1,563		Other liabilities.....	245	
Agents' balances.....	3,109				
Interest and rents...	1,233		Total liabilities...	\$37,805	
Other assets.....	100		Surplus.....	53,039	
Total assets.....	\$90,844		Total.....	\$90,844	

Net amount of members' liability, Dec. 31, \$79,328; underwriting loss, \$6,680; investment profit, \$3,718.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$4,410,804; premiums thereon, \$66,355.

BUSINESS SINCE ORGANIZATION: Premiums received, \$410,550; losses paid, \$85,568; dividends declared, cash, \$163,128.

MORTGAGE LOANS: There are 16 loans, for \$15,550, and are protected by improved dwelling house property in Lynn, Mass., valued at \$29,850. There was \$3 of interest past due on December 31, last. Company holds \$27,600 of insurance on the buildings.

BONDS AND STOCKS OWNED: These securities consist of 63 railroad and municipal bonds whose par value is \$63,400, but are carried at a market value, \$58,018; and 55 shares of desirable stocks, the par value of which is \$5,500 and the market value \$12,070. The total book value is \$69,260.

MANITOWOC MUTUAL FIRE INSURANCE CO., Manitowoc, Wis.

President, J. G. Lehmkuhl; Secretary, J. F. Sladkey. Organised, 1897.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$36,002	.....	\$36,002	\$19,646	\$20,425	\$8,077	\$67	\$8,010	\$18,154	\$8,077
1913	31,732	.....	31,732	18,437	19,337	10,904	29	7,056	17,989	10,548
1912	30,384	.....	30,384	16,720	17,457	5,464	.....	5,860	11,324	6,664

ASSETS, DEC. 31, 1914: Mortgage loans, \$36,800; cash, \$5,856; agents' balances, \$3,247; total assets, \$36,002. No liabilities.

Fire risks in force, December 31, \$3,232,006.
Losses paid since organization, \$42,373.

MANITOWOC RAPIDS FARMERS MUTUAL FIRE INSURANCE COMPANY, Manitowoc, Wis.

President, Frank Braunreiter; Secretary, Adam Bleser. Organised, 1874.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$23,755	.....	\$23,755	\$6,108	\$6,897	\$2,617	.....	\$670	\$3,286	\$2,617
1913	20,144	.....	20,144	4,638	5,347	6,050	.....	634	6,674	6,050
1912	21,250	.....	21,250	4,254	4,881	2,704	.....	622	3,326	2,704

ASSETS, DEC. 31, 1914: Mortgage loans, \$19,585; cash, \$5,570; other assets, \$600; total assets, \$23,755. No liabilities.

Fire risks in force, December 31, \$2,559,918.
Losses paid since organization, \$79,522.

MANSFIELD MUTUAL FIRE INSURANCE COMPANY, Mansfield, O.

President, E. J. Forney; Secretary, J. M. Cook. Organised, 1873.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$103,407	\$13,721	\$86,174	\$27,842	\$60,964	\$20,063	\$2,999	\$19,896	\$42,958	\$21,640
1913	85,332	7,060	76,865	14,497	55,959	33,136		20,149	53,285	29,249
1912	82,012		76,812	39,981	42,369	22,550		15,438	37,983	26,666

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$9,078	Losses unpaid.....	\$2,690
Bonds.....	70,000	Unearned prems.....	13,721
Cash.....	19,371	Other liabilities.....	821
Agents' balances.....	4,242		
Interest.....	715	Total liabilities.....	\$17,232
		Surplus.....	86,174
Total assets.....	\$103,406	Total.....	\$103,406

Net amount of members' liability, Dec. 31, \$361,275.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,427,226; premiums thereon, \$34,382.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,085,769; losses paid, \$556,963; dividends declared, cash, \$3,014.

REAL ESTATE OWNED: Home office building.

BONDS OWNED.

	Par Value.
U. S. Govern.....	\$4,000
Hamilton, O.....	5,000
Ruffton, O., so.....	5,000
Alliance, O., so.....	4,000
Cleveland, O.....	20,000
Bellairs, O.....	8,000
Salem, O.....	5,000
Mansfield, O.....	2,000
Addyston, O.....	15,000
Shaker Heights.....	2,000
Totals.....	\$70,000

TERRITORY COVERED: O. only.

MANTON MUTUAL FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, F. A. Downes; Secretary, W. M. Burgess. Organised, 1894.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$346,127	\$189,444	\$149,867	\$320,761	\$334,500	\$23,018	\$285,242	\$25,589	\$332,849	\$26,486
1913	346,032	188,331	154,579	341,040	353,916	11,255	279,331	26,716	317,302	10,428
1912	320,222	171,735	142,294	323,376	335,290	20,359	267,507	28,871	316,787	21,002

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$279,470	Losses unpaid.....	\$5,678
Cash.....	51,149	Unearned prems.....	189,444
Agents' balances.....	11,277	Other liabilities.....	1,138
Interest.....	4,231		
		Total liabilities.....	\$196,260
		Surplus.....	149,867
Total assets.....	\$346,127	Total.....	\$346,127

Net amount of members' liability, Dec. 31, \$1,872,480; underwriting profit, \$268,067; investment profit, \$12,464.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$40,924,380; premiums thereon, \$374,496.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,770,119; losses paid, \$411,324; dividends declared, cash, \$2,806,476.

BONDS OWNED:

	Market Value.
Albany, N. Y., 4%.....	\$9,900
Clinton Co., N. Y., 4%.....	10,100
Duluth, Minn., 5%.....	5,300
New York, N. Y., 4%.....	15,000
Philadelphia, Pa., 4%.....	10,200
White Plains, N. Y., 4%.....	10,200
Yonkers, N. Y., 5%.....	5,110
Atlantic & Danville Ry., 4%.....	4,450
Balto. & Ohio R.R., 4%.....	8,700
Clev., C. & St. L. Ry., 4%.....	8,500
C., R. I. & Pac. Ry., 4%.....	8,050
C., St. L. & Pitta. R.R., 5%.....	5,350
Col. & Toledo R.R., 4%.....	9,100
Denver & Rio Grande R.R., 5%.....	4,150
H. & Broad Top Mt. R.R. & Coal, 4%.....	880
Ind., Dec. & West. Ry., 5%.....	3,000
Ind., Ill. & Ia. R.R., 4%.....	4,400
Ky. Cent. Ry., 4%.....	4,500
Lehigh & N. Y. R.R., 4%.....	8,800
L. I. R.R., 4%.....	9,100
Minn. & St. L. R.R., 4%.....	4,000

BONDS OWNED.—Cont.

	Market Value.
Mo., Kan. & Tex. Ry., 5%.....	\$4,600
N. Y. C. & H. R. R.R., 4%.....	4,750
N. Y. & Erie R.R., 5%.....	5,100
Ohio River R.R., 5%.....	10,600
Ore. Short Line R.R., 4%.....	4,800
Pa., 4%.....	5,100
P. B. & Wash. R.R., 4%.....	9,900
Phila. & Erie R.R., 6%.....	5,450
P. C. C. & St. L. Ry., 3%.....	9,300
Pitta. Tm. R.R. & Coal, 5%.....	4,000
Rio Grande West. Ry., 4%.....	4,000
St. L., Iron Mtn. & So. Ry., 4%.....	11,050
St. L. Swn. Ry., 5%.....	2,500
St. L., Tm. Cupples Sta. & Prop., 4%.....	7,350
St. P. M. & M. Ry., 4%.....	5,200
St. P. M. & M. Ry., 4%.....	4,800
Tol. St. L. & W. R.R., 3%.....	4,050
W. Jersey & Seashore R.R., 4%.....	9,700
Western N. Y. & Pa. Ry., 4%.....	3,900
Winston-Salem Sbd. Ry., 4%.....	8,700
Lehigh Coal & Nav., 4%.....	5,150
Total.....	\$279,470

MISCELLANEOUS: This company, together with the Keystone, National, Atlantic and Southern States Mutual Fire Insurance companies, is under the same management. Configuration locs: Baltimore, 1904, \$160.

DIRECTORS: Simon Miller, Frederick A. Downes, George H. McNeely, Sam L. Hammer, William Henry, J. Atwood White, Joseph Bancroft, Edward M. Mundy, George F. Eberhard, John R. Williams, Thomas S. Gay, William S. Duhing.

FIELD MEN AND TERRITORY COVERED: Philip J. Halla, Chicago, Ill.; E. Herbert Jenks, Detroit, Mich.; Davis D. Randall, Boston, Mass.; Henry G. Frost, Cincinnati, O.; Robert D. Shore, Winston-Salem, N. C. The company is licensed in Ill., Mass., Mich., N. Y., N. C., O., Pa., S. C. and Wis.

THE MANUFACTURERS AND MERCHANTS MUTUAL INSURANCE COMPANY, Concord, N. H.

President, E. G. Leach; Secretary, Charles L. Jackman. Organized, 1886.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$203,318	\$40,561	\$161,739	\$44,946	\$55,433	\$21,956	\$5,528	\$12,927	\$40,411	\$22,673
1913	183,253	36,741	151,409	40,701	50,218	13,733	5,258	17,569	36,560	10,265
1912	186,300	34,087	144,816	36,254	52,441	21,246	5,161	12,291	38,698	22,626

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks...	\$157,878	Losses unpaid.....	\$752
Cash.....	40,766	Unearned prems.....	40,561
Agents' balances....	4,674	Other liabilities.....	266

Total liabilities... \$41,579
Surplus..... 161,739

Total assets..... \$203,318 Total..... \$203,318

Net amount of members' liability, Dec. 31, \$232,004; underwriting profit, \$6,010; investment profit, \$9,847.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,325,806; premiums thereon, \$77,335.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,426,224; losses paid, \$755,815; returned to policyholders, cash, \$116,787.

BONDS AND STOCKS OWNED: This item consists of guaranteed bonds, the par value of which is \$19,000 and market value \$17,945; and well placed and distributed stocks the par value of which is \$133,100 and market value \$139,933. The total book value is \$160,329.

MISCELLANEOUS: The interests identified with this company also control the Capital Fire of Concord and the New England Underwriters Agency. The company is not admitted to any other State but New Hampshire.

MANUFACTURERS MUTUAL FIRE INSURANCE COMPANY OF RHODE ISLAND, Providence, R. I.

President, John R. Freeman; Secretary, Theodore P. Bogert. Organized, 1835.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$1,075,124	\$646,387	\$414,042	\$692,341	\$749,665	\$223,149	\$515,867	\$50,144	\$789,160	\$224,920
1913	1,120,727	450,293	669,517	448,289	506,231	77,935	347,426	48,712	474,073	79,608
1912	1,178,321	511,063	667,674	541,066	597,560	48,429	452,509	72,523	573,461	51,822

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks...	\$1,033,456	Losses unpaid.....	\$3,222
Cash.....	12,287	Unearned prems.....	646,387
Agents' balances....	21,635	Other liabilities.....	6,472
Interest.....	2,656		

Total liabilities... \$661,082
Surplus..... 414,042

Total assets..... \$1,075,124 Total..... \$1,075,124

Net amount of members' liability, Dec. 31, \$5,509,498; underwriting profit, \$218,296; investment profit, \$52,092.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$150,443,269; premiums thereon, \$1,101,900.

BUSINESS SINCE ORGANIZATION: Premiums received, \$12,537,064; losses paid, \$1,893,587; dividends declared, cash, \$10,312,715.

BONDS AND STOCKS OWNED:

	Market Value.
U. S. reg. 1925, 4%.....	\$44,400
State R. I., 1924, 3%.....	46,500
Amer. Tl. & Tg., cv. c., 1923, 4%.....	58,410
C. B. & Q. Ry., jt. reg., 1921, 4%.....	20,000
C. M. & St. P. Ry., cv. c., 1923, 4%.....	3,060
N.Y., N. H. & H. R. R., d. ctf., 1923, 6%.....	4,876
So. Pac. cv. c., 1919, 5%.....	10,200

Stocks.

Boston & Providence R.R.....	23,500
Manhattan Ry.....	26,800
Old Colony R.R.....	9,000
Providence & Worcester R.R.....	30,750
A. T. & S. Fe Ry., p.....	10,300
Balto. & Ohio R.R., c.....	4,005
Balto. & Ohio R.R., p.....	1,944
Chi. B. & Q. Ry.....	24,090
Chi. Mil. & St. P. Ry., c.....	20,295
Chi. Mil. & St. P. Ry., p.....	39,128
Chi. St. P., Minn. & Omaha Ry.....	26,200
Chi. & Nwa. Ry.....	45,885

BONDS AND STOCKS OWNED.—Cont.

STOCKS.—Cont.	Market Value.
Clev., Cinn. & St. L. Ry., p.....	\$5,000
Galveston-Houston El., p.....	9,700
Gt. No. Ry., p.....	62,000
Ill. Central R.R.....	38,640
Minn. St. P. & S. Ste. M. Ry., c.....	15,847
Minn. St. P. & S. Ste. M. Ry., p.....	15,982
N. Y., N. H. & H. R. R.....	9,900
No. Pac. Ry.....	62,160
Pa. R.R.....	117,383
Reading Co.....	16,400
So. Pac. Co.....	28,800
So. Pac. ctf. int.....	12,538
So. Ry., p.....	13,600
Un. Pac. R.R., c.....	25,600
Un. Pac. R.R., p.....	24,900
Ca. Gas Co. of N. Y.....	38,700
Gt. No. Ry. Ore. ctf.....	9,632
Nat. Bk. of Commerce.....	7,100
Northern Securities.....	840
Providence Btg.....	7,500
Providence Gas.....	1,764
Pullman Co.....	31,000
U. S. Steel Cp., p.....	33,000

Total..... \$1,087,149

* Securities as per cot. valuations; item in assets as per insurance department values.

MISCELLANEOUS: This company, together with the American, Enterprise, Mechanics, Rhode Island and State Mutual Fire Insurance companies, all of Providence, is under the same management. Company is licensed in Ill., Mass., Me., Mich., N. H., N. Y., N. C., O., Pa., R. I., S. C. and Wis. and operates in United States and Canada.

DIRECTORS: Jno. Chace, Robert I. Gammell, Arnold B. Chace, Edward D. Pearce, Wm. Ames, Wm. Gammell, John R. Freeman, Howard O. Sturges, Henry F. Lippitt, A. H. Tillinghast, J. H. Metcalf, A. L. Danielson, H. D. Sharpe, Webster Knight, C. H. Merriman.

MASSACHUSETTS MUTUAL AUTOMOBILE INS. CO., Boston, Mass.

President, Dean K. Webster; Secretary, A. Shirley Ladd. Organized 1914.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$20,664	\$15,389	\$4,990	\$31,439	\$31,454	\$1,271	.....	\$9,463	\$10,734	\$1,270

MASSACHUSETTS MUTUAL AUTOMOBILE INS. CO., Boston, Mass.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$13,570	Unearned prems....	\$15,389
Cash.....	3,039	Other liabilities.....	285
Agents' balances.....	1,303		
Interest and rents.....	221	Total liabilities....	\$15,674
Other assets.....	2,531	Surplus.....	4,990
Total assets.....	\$20,664	Total.....	\$20,664

Underwriting profit, \$4,760; investment profit, \$230.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$6,525,600; premiums thereon, \$30,890.

BUSINESS SINCE ORGANIZATION: Premiums received, \$32,767; losses paid, \$1,270.

BONDS OWNED:	Par Value.	Market Value.
New Bedford, Mass., 1957, 4%.....	\$1,000	\$980
St. L. Springfield & P. R.R., 1939, 5%...	2,000	1,860
West End St. Ry., 1932, 5%.....	2,000	2,060

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Am. Agric. Chem., 1928, 5%.....	\$2,000	\$2,000	\$2,030
Am. Tl. & Tg., 1929, 4%.....	2,000	2,000	1,780
Detroit Edison, 1933, 5%.....	1,000	1,000	1,030
Minneapolis Gas, 1930, 5%.....	1,000	1,000	980
Portland Gn. El., 1935, 5%.....	1,000	1,000	1,000
United Fruit, 1925, 4½%.....	2,000	2,000	1,860
Totals.....	\$14,000		\$13,570

MISCELLANEOUS: The company employs no agents and transacts all business direct from home office. It is licensed only in Mass., but operates from home office in all of the New England states.

DIRECTORS: Dean K. Webster, W. F. McQuillen, A. Shirley Ladd, Wm. A. Thibodeau, Robert MacKinnon, Eben J. Ham, Milton L. Cushing, E. E. Jameson, J. M. Perry, H. A. Crossman, C. P. Washburn, J. S. Morrill, G. U. Kierstead, John D. Peck, Chester Q. Campbell.

MECHANICS MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.

President, John R. Freeman; Secretary, Theodore P. Bogert. Organized, 1871.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$776,572	\$451,226	\$315,390	\$479,629	\$517,107	\$131,146	\$358,137	\$34,482	\$523,765	\$132,463
1913	780,604	301,442	472,214	286,476	327,864	46,492	226,146	35,094	307,732	47,932
1912	811,977	357,256	448,867	357,466	398,975	33,298	297,147	48,489	378,934	35,006

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks...	\$733,395	Losses unpaid.....	\$5,464
Cash.....	22,519	Unearned prems....	451,226
Agents' balances.....	18,038	Other liabilities.....	4,492
Interest.....	2,720		
		Total liabilities....	\$461,182
		Surplus.....	315,390
Total assets.....	\$776,572	Total.....	\$776,572

Net amount of members' liability, Dec. 31, \$3,790,314; underwriting profit, \$160,490; investment profit, \$40,822.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$103,426,302; premiums thereon, \$758,063.

BUSINESS SINCE ORGANIZATION: Premiums received, \$7,713,847; losses paid, \$890,262; dividends declared, cash, \$6,250,146.

BONDS AND STOCKS OWNED:		Market Value.
Bonds.		
U. S., reg., 1925, 4%.....		\$37,750
R. I. State, 1934, 3½%.....		46,500
Amer. Tl. & Tg., cv. c., 1933, 4½%.....		87,615
C. B. & Q. Ry., jt. reg., 1921, 4%.....		10,000
Chi., M. & St. P. Ry., cv. c., 1932, 4½%.....		1,836
So. Pac., cv. c., 1919, 4%.....		2,580
So. Pac., cv. c., 1919, 5%.....		7,140
Stocks.		
Manhattan Ry.....		26,600
N. Y., Lack. & West. R.R.....		11,600
Atch., Top. & S. Fe Ry., p.....		20,800
Balto. & Ohio R.R., c.....		4,005
Balto. & Ohio R.R., p.....		1,944
Chi., B. & Q. Ry.....		24,090
Chi., Mil. & St. P. Ry., c.....		19,800
Chi., Mil. & St. P. Ry., p.....		13,400

BONDS AND STOCKS OWNED.—Cont.		Market Value.
Stocks.—Cont.		
Chi., St. P., Minn. & O. Ry.....		\$13,100
Chi. & Nwa. Ry.....		21,413
Clev., Cin., Chi. & St. L. Ry., p.....		5,000
Gt. Northern Ry., p.....		37,200
Minn., St. P. & S. Ste. M. Ry., c.....		15,867
Minn., St. P. & S. Ste. M. Ry., p.....		15,982
No. Pac. Ry.....		35,520
Pa. R.R.....		67,155
Reading Co.....		16,400
So. Pac. Co.....		19,200
So. Pac. Co. etfs. of int.....		15,046
So. Ry. p.....		13,600
Union Pac. R.R., c.....		25,600
Union Pac. R.R., p.....		33,200
Ut. No. Ry., ore etfs.....		5,760
Nat. Bk. of Commerce.....		5,893
Northern Securities.....		535
Providence Gas.....		15,384
Pullman Co.....		31,000
U. S. Steel Cp., p.....		33,000
Totals.....		\$731,307

* Security as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: This company, together with the American, Enterprise, Manufacturers, Rhode Island and State Mutual Fire Insurance Companies, all of Providence, is under the same management. Company is licensed in Ill., Me., Mass., Mich., N. H., N. Y., N. C., O., Pa., R. I., S. C. and Wis. and operates in United States and Canada.

DIRECTORS: Robert I. Gammell, Howard O. Sturges, Edward D. Pearce, John R. Freeman, Jonathan Chace, Arnold B. Chace, Wm. Ames, Wm. Gammell, Henry F. Lippitt, A. H. Tillinghast, A. L. Danielson, J. H. Metcalf, H. D. Sharpe, Webster Knight, C. H. Merriman.

MENNONITE MUTUAL FIRE INSURANCE COMPANY, Newton, Kan.

President, P. Loewen; Secretary, J. H. Richert. Organized, 1880.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$86,286		\$86,286	\$55,576	\$60,412	\$31,962		\$26,114	\$58,076	\$31,962
1913	76,110		\$76,110	54,109	58,903	24,489		21,036	45,525	24,489
1912	62,732		\$62,732	51,800	54,687	32,152		17,236	49,388	32,152

* Includes reserve.

ASSETS, DEC. 31, 1914: Real estate, \$7,840; mortgage loans, \$61,275; cash, \$17,171; total assets, \$86,286. No liabilities.

Premium notes, Dec. 31, \$192,399.

Risks in force, December 31, \$10,685,975.

MORTGAGE LOANS: These consist of first liens on farms property, valued at more than double the amount loaned thereon. No interest past due.

MERCANTILE MUTUAL FIRE INSURANCE COMPANY, Providence, R.I.

President, H. T. Grant; Secretary, Alfred U. Eddy. Organized, 1884.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$248,702	\$151,463	\$82,533	\$262,045	\$275,975	\$15,001	\$219,509	\$32,084	\$266,544	\$14,451
1913	242,139	147,179	89,459	256,171	277,779	6,840	217,247	37,655	261,742	7,030
1912	258,937	134,718	116,458	260,734	276,492	16,300	219,203	35,406	270,909	17,280

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks...	\$230,130	Losses unpaid.....	\$1,320
Cash.....	14,107	Unearned prem.....	151,463
Agents' balances....	9,959	Other liabilities....	13,386
Interest.....	1,286		
Total.....	\$255,482	Total liabilities....	\$166,169
Spl. dep. over liab..	6,780	Surplus.....	82,533
Total assets.....	\$248,702	Total.....	\$248,702

Net amount of members' liability, Dec. 31, \$1,501,725; underwriting profit, \$212,652; investment profit, \$6,711.
RISKS AND PREMIUMS: Fire risks in force, December 31, \$35,218,972; premiums thereon, \$300,845.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,963,796; losses paid, \$824,079; dividends declared, cash, \$7,455,053.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Applying Co. C. H., Ga., 5%.....		\$10,000	\$10,100
Middletown, N. Y., pub. imp.....		5,000	5,030
New Rochelle, N. Y., pub. imp.....		20,000	20,400
Pawtucket, R. I., wat.....		25,000	25,750
Tampa & Northern Ry.....		5,000	3,900
Clyde S.S.....		10,000	9,200
Dayton Lighting Co.....		5,000	4,500

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Stocks.			
Mallory S. S.....		\$10,000	\$8,800
Chi. & E. Ill., p.....		10,000	1,500
Ga. Ry. & El.....		5,000	4,350
Ill. Cent. R.R.....		10,000	11,200
Ill. Cent. R.R., leased line.....		5,000	4,250
Newport & Fall River Ry.....		10,000	11,000
Northern Pacific.....		10,000	11,100
Amer. Express.....		20,000	19,400
Amer. Tl. & Tg.....		20,000	24,600
D. Goff & Sons, p.....		5,000	5,500
Michigan Lighting, p.....		5,000	5,000
R. I. Inv.....		20,000	26,000
Wells Fargo.....		20,000	18,600
Totals (book value, \$239,770).....		\$230,000	*\$230,180

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Conflagration loss: Baltimore, 1904, \$250.

DIRECTORS: William P. Chapin, Jeffrey Davis, E. C. Bucklin, W. S. Granger, C. R. Makepeace, T. L. Wainwright, E. W. Swift, Henry T. Grant and Alfred U. Eddy.

TERRITORY COVERED: The company is licensed in Ga., Ill., Mass., Mich., N. C., Pa., R. I., S. C., Wis., Me. and O.

MERCHANTS AND FARMERS MUTUAL FIRE INSURANCE COMPANY, Worcester, Mass.

President, J. Stewart Brown; Secretary, Harry S. Myrick. Organized, 1846.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$247,711	\$127,860	\$108,519	\$85,828	\$99,399	\$67,450	\$23,378	\$34,798	\$125,626	\$72,579
1913	275,081	131,029	138,248	89,785	103,045	26,599	25,879	34,846	87,324	25,841
1912	270,717	128,357	134,855	84,293	101,983	36,263	27,644	35,770	99,677	37,650

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$60,000	Losses unpaid.....	\$8,565
Mortgage loans.....	8,650	Unearned prem.....	127,861
Bonds and stocks....	163,150	Other liabilities....	2,767
Cash.....	3,746		
Agents' balances....	9,552	Total liabilities....	\$139,193
Interest and rents....	2,614	Surplus.....	108,519
Total assets.....	\$247,712	Total.....	\$247,712

Net amount of members' liability, Dec. 31, \$264,633.
 Underwriting loss, \$17,278; investment profit, \$7,283.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$30,814,886; premiums thereon, \$257,155.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,742,130; losses paid, \$2,609,038; dividends paid, cash, \$1,450,712.

REAL ESTATE OWNED: Consists of 5-story brick building situated at 240 Main st., Worcester, Mass. Net income last year \$2,783.

MORTGAGE LOANS: There are 5 loans, aggregating \$8,650, protected by dwelling property in Worcester, Mass., valued at \$24,000. There was no interest past due on December 31, last, and the company holds \$10,960 of insurance on the buildings.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Amer. Tl. & Tg., 1933, 4½%.....		\$300	\$297
Astoria, Ore., 1953, 5%.....		7,000	7,140
Bay State St. Ry., 1928, 5%.....		5,000	4,950
B. & A. R.R., 1935, 4%.....		5,000	4,650
B. & W. St. Ry., 1923, 4½%.....		6,000	5,640
B. & S. R.R., 1903, 4%.....		3,500	2,100
C., R. I. & P. Ry., 1934, 4%.....		10,000	7,200
C. & W. Ind. R.R., 1952, 4%.....		5,000	4,200
Hamilton, Co., Tenn., 1944, 5%.....		4,000	4,240
Interboro R. T., 1966, 5%.....		5,000	4,950
Los Angeles, Cal., 1932, 4½%.....		2,000	2,020
Los Angeles Gas & El., 1939, 5%.....		4,000	3,760

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Memphis, Tenn., 1945, 4½%.....		\$5,000	\$5,000
Met. St. Ry., 1913, 5%.....		3,000	2,850
M. & B. St. Ry., 1932, 4½%.....		5,000	4,750
Minneapolis Gas Lt., 1930, 5%.....		4,000	3,920
Nashville, Tenn., 1924, 4%.....		5,000	4,800
N. Y., N. H. & H. R.R., 1948, 6%.....		5,000	5,300
Omaha, Neb., 1932, 4½%.....		5,000	5,100
Omaha, Neb., 1941, 4½%.....		5,000	5,100
Peoria Ry., 1926, 5%.....		5,000	4,750
Pere Marquette R.R., Ind., 1943, 4%.....		5,000	2,500
Pere Marquette R.R., 1951, 4%.....		5,000	1,500
Richmond, Va., 1948, 4%.....		5,000	4,600
San Diego, Cal., 1927-31, 5%.....		10,000	10,200
San Francisco Gas & El., 1931, 4½%.....		4,000	3,640
St. L., I. Mt. & So. Ry., 1933, 4%.....		10,000	7,300
Seattle, Wash., 1931, 4½%.....		10,000	10,000
So. Ind. Ry., 1951, 4%.....		10,000	7,100
Toronto, Can., 1948, 4%.....		5,840	5,198
Stocks.			
Amer. Tl. & Tg.....		1,500	1,845
Buffalo & Susquehanna R. R., p.....		1,500	450
Buffalo & Susquehanna R. R., com.....		750	52
So. Pac.....		200	192
Union Pac., p.....		700	581
Worcester Tr.....		800	1,800
Worcester Gas Lt.....		4,900	13,475
Totals (book value, \$178,263).....		\$173,990	\$163,150

MISCELLANEOUS: Conflagration losses: Boston, 1872, \$400,000; San Francisco, 1906, none; Chelsea, 1908, \$40,350.

DIRECTORS: Alexander H. Bullock, Charles A. Vaughan, Harry S. Myrick, George W. Cook, Charles M. Thayer, Edmund L. Sanders, J. Stewart Brown, James E. Orr, Thomas E. Sterne, Waldo E. Buck, Wm. H. Sawyer, Jr.

FIELD MEN AND TERRITORY COVERED: H. H. Harri-man, special agent for entire field, Worcester, Mass. Company operates in Conn., Mass., N. H., R. I. and Vt.

MERCHANTS AND MANUFACTURERS MUTUAL INSURANCE COMPANY, Mansfield, O.

President, S. N. Ford; Secretary and Treasurer, G. W. DeYarmon. Organised, 1876.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$65,973	\$21,372	\$41,129	\$42,416	\$44,635	\$18,131	\$3,593	\$14,443	\$41,168	\$16,956
1913	62,881	23,503	36,342							
1912	66,696	22,584	39,155	45,920	48,755	19,324	6,535	13,248	39,107	20,539

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.		BONDS OWNED:		Par Value.	Market Value.
Bonds.....	\$54,722	Losses unpaid.....	\$2,341	Mansfield, O.....		\$10,600	\$10,600
Cash.....	4,772	Unearned prems.....	21,273	Cleveland, O. Br. & Pk.....		10,000	10,000
Agents' balances.....	5,820	Other liabilities.....	1,230	Cuyahoga Co., O.....		2,000	2,000
Interest and rents.....	659			Addyston, O., st. imp.....		4,000	4,000
		Total liabilities.....	\$24,844	Ashtabula, O. riv. imp.....		10,000	10,000
		Net surplus.....	41,129	Bellaire, O., so.....		3,000	3,000
Total assets.....	\$65,973	Total.....	\$65,973	Bellaire, O., Wat. Wks.....		5,000	5,000
				Bluffton, O., so.....		3,000	3,000
				Middleport, O., r.....		5,000	5,000
				St. Mary's, Hy.....		2,000	2,181
				Totals.....		\$54,600	\$54,722

Net amount of contingent premiums, Dec. 31, \$135,864.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,178,899; premiums thereon, \$42,546.

BUSINESS SINCE ORGANIZATION: Premiums received, \$106,285; losses paid, \$579,602; dividends declared, cash, \$36,529.

MISCELLANEOUS: Company operates on assessment premium note plan.

MERCHANTS MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.

President and Treasurer, W. B. McBea; Vice-President and Secretary, Ernest W. Brown; Assistant Secretary, Howard I. Lee. Organised, 1874.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$683,624	\$361,114	\$312,645	\$385,079	\$415,793	\$18,626	\$328,765	\$36,508	\$383,894	\$21,364
1913	662,329	292,618	365,172	307,038	333,742	49,113	249,540	42,873	341,526	48,895
1912	720,906	317,446	392,567	390,788	427,322	20,466	327,546	45,634	393,646	22,441

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.		BONDS AND STOCKS OWNED.—Cont.		Market Value.
Bonds and stocks.....	\$602,077	Losses unpaid.....	\$5,324	Conn. & Passumpsic Rivers R.R., p.....		\$20,400
Cash.....	64,578	Unearned prems.....	361,114	Det., Hillsdale & Swm. R.R.....		5,310
Agents' balances.....	15,551	Other liabilities.....	4,541	Gt. Northern Ry., p.....		15,500
Interest.....	1,418			Hereford Ry.....		7,500
		Total liabilities.....	\$370,979	Ill. C. R. R.....		31,260
		Surplus.....	312,645	Ill. C. R. R., leased lines.....		21,250
Total.....	\$683,624	Total.....	\$683,624	Joliet & Chi. R.R.....		13,500

Net amount of members' liability, Dec. 31, \$3,296,642; underwriting profit, \$260,978; investment profit, \$17,260.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$89,248,703; premiums thereon, \$659,128.

BUSINESS SINCE ORGANIZATION: Premiums received, \$7,695,504; losses paid, \$855,249; dividends declared, cash, \$5,926,870.

BONDS AND STOCKS OWNED:

BONDS.	Market Value.
U. S. Gov., reg. 1925, 4%.....	\$21,090
R. I., g. reg. 1924, 3 1/2%.....	28,800
R. I., hwy., reg. 1936, 3%.....	8,600
Chi., M. & St. P. Ry., c. 1912, 4 1/2%.....	1,020
Amer. Tl. & Tel., c. 1931, 4 1/2%.....	2,772
Mil. El. Ry. & Lt., c. 1931, 5%.....	13,950
Pawtucket El., c. 1935, 5%.....	6,860
United El., N.J., c. 1949, 4%.....	8,100
Watertown Lt. & Pow., c. 1959, 5%.....	14,700

STOCKS.	Market Value.
Albany & Susq. R.R.....	13,250
Beech Creek R.R.....	2,250
Canada Southern Ry.....	12,400
Cayuga & Susq. R.R.....	7,605
Chi. & E. Ill. R.R., sq. tr. etc.....	6,700
Chi., Mil. & St. P. Ry. Co., p.....	12,375
Chi., Mil. & St. P. Ry. Co., c.....	33,782
Chi. & Nwn. Ry.....	7,500
Clev., Cin., Chi. & St. L. Ry., p.....	900
Clev., Cin., Chi. & St. L. Ry., c.....	

BONDS AND STOCKS OWNED.—Cont.		Market Value.
Pitts., Bos. & L. Erie R.R., p.....		6,250
Pitts., Bos. & L. Erie R.R., c.....		9,300
Pitts., Ft. W. & Chi. Ry.....		21,320
Rensselaer & Saratoga R.R.....		22,500
St. Louis Bg., 1 p.....		11,000
St. Louis Bg., 2 p.....		2,650
Upper Coos R.R.....		5,450
Mechanics Nat. Bk., Providence.....		3,000
Merchants Nat. Bk., Providence.....		8,100
Am. Tl. & Tel., Boston.....		17,220
Gold & Stk. Tr., N. Y.....		5,800
Providence Bg., Providence.....		11,250
Total.....		\$802,077

DIRECTORS: Charles H. Merriman, George M. Smith, C. Prescott Knight, Royal C. Taft, William B. McBea, Charles H. Merriman, Jr., Arthur L. Kelley, Lewis W. Parker, Henry L. Tiffany, Charles E. Patterson, Geo. H. Wilcox, Sir Lyman M. Jones, H. A. Higgins, Chas. H. Newell.

TERRITORY COVERED: The company is licensed in Ill., Me., Mass., Mich., N.H., N.Y., N.C., O., Pa., R. I., S. C. and Wis.

MERCHANTS MUTUAL FIRE INSURANCE COMPANY, Wyalusing, Pa.

President, E. A. Strong; Secretary, George T. Ingham. Organised, 1895.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$22,881	.....	\$20,771	\$15,094	\$16,706	\$7,359	\$467	\$5,907	\$13,732	\$7,359
1913	19,671	.....	19,521	14,202	14,652	10,355	584	4,581	15,520	10,355
1912	20,240	.....	19,666	8,548	9,075	6,819	336	3,988	11,143	6,819

ASSETS, DEC. 31, 1914: Electric Ry. bonds, \$8,979; cash, \$12,577; agents' balances, \$1,325; total assets, \$22,881. Liabilities, Dec. 31, 1914: Losses unpaid, \$1,910; other liabilities, \$200; total liabilities, \$2,110.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,055,429; premiums thereon, \$22,779.

BUSINESS SINCE ORGANIZATION: Premiums received \$144,161; losses paid, \$73,520.

TERRITORY COVERED: Pa. only.

MERCHANTS MUTUAL INSURANCE COMPANY, Redfield, S. D.

President, S. W. Clark; Secretary, H. P. Packard. Organised, 1895.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$38,339	\$10,782	\$26,190	\$43,281	\$44,938	\$27,461	\$1,259	\$13,681	\$42,301	\$27,461
1913	35,702	.....	35,702	44,090	45,752	29,178	6,859	14,387	50,424	29,178
1912	40,374	13,649	22,081	24,922	38,879	22,568	.....	14,466	37,037	22,568

ASSETS, DEC. 31, 1914.

Mortgage loans \$13,200
Bonds and stocks 3,550
Cash 19,932
Agents' balances 1,057

Total assets \$38,339

LIABILITIES, DEC. 31, 1914.

Losses unpaid \$977
Unearned premiums 10,872
Other liabilities 300
Total liabilities \$11,149
Surplus 26,190

Total \$27,389

LOSSES PAID SINCE ORGANIZATION: \$400,000; dividends declared, cash, \$260,000.

MORTGAGE LOANS: These loans aggregate \$13,200 and are protected by improved real estate in South Dakota valued at \$49,400. Company holds fire insurance on the buildings of \$7,000

MERCHANTS NATIONAL MUTUAL FIRE INSURANCE COMPANY, Fargo, N. D.

President, Lars Christianson; Secretary, F. H. Wilder. Organised, 1904.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$36,455	\$26,492	\$3,397	\$61,601	\$65,168	\$34,743	\$12,300	\$15,240	\$62,282	\$39,135
1913	33,369	22,941	8,191	52,008	56,521	28,692	13,100	18,216	59,908	24,338
1912	36,899	21,616	8,402	56,296	59,059	28,759	11,225	16,468	56,452	28,791

ASSETS, DEC. 31, 1914.

Real estate \$9,369
Premium notes 6,816
Ctf. of dep. 2,340
Cash 5,086
Uncoll. premiums 12,739
Interest 90
Other assets 15

Total assets \$36,455

LIABILITIES, DEC. 31, 1914.

Losses unpaid \$5,697
Unearned premiums 26,492
Other liabilities 899
Total liabilities \$33,088
Surplus 3,397

Total \$36,455

BUSINESS SINCE ORGANIZATION: Losses paid, \$379,101; dividends declared, cash, \$103,803.

REAL ESTATE OWNED: This item consists of farm lands valued at from \$12,000 to \$15,000 carried at \$9,369.

MISCELLANEOUS: In 1907 the directors of the company paid in \$20,000 on account of excessive losses impairing the re-insurance reserve. In 1909, \$6,700 was paid back to directors, and in 1913, \$5,360. The company writes surplus lines by mail from its home office and Thurber's office.

FIELD MEN AND TERRITORY COVERED: C. L. Thurber, Chatfield, Minn., general agent for surplus lines. The company is licensed in N. D. only.

Contingent assets, Dec. 31, \$72,417.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,065,926; premiums thereon, \$72,417.

MERRIMACK MUTUAL FIRE INSURANCE COMPANY, Andover, Mass.

President, Burton S. Flagg; Vice-President, J. C. Sawyer; Secretary, Frederic G. Moore. Organised, 1828.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$310,535	\$226,132	\$16,421	\$183,360	\$195,270	\$155,142	\$28,620	\$59,217	\$242,979	\$156,065
1913	301,455	198,339	92,201	173,758	186,315	63,938	29,489	50,955	144,383	66,138
1912	264,555	187,643	69,610	153,708	166,400	59,287	28,150	51,515	138,952	55,764

MERRIMACK MUTUAL FIRE INSURANCE COMPANY, Andover, Mass.—Cont.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$135,030	Losses unpaid.....	\$7,745
Bonds and stocks.....	142,964	Unearned premiums.....	226,132
Collateral loans.....	4,000	Borrowed money.....	55,000
Cash.....	5,538	Other liabilities.....	5,237
Agents' balances.....	19,568		
Interest.....	3,445	Total liabilities.....	\$294,114
		Surplus.....	16,421
Total assets.....	\$310,535	Total.....	\$310,535

Net amount of members' liability, Dec. 31, \$439,635; underwriting loss, \$49,115; investment profit, \$14,581.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$38,324,027; premiums thereon, \$439,635.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,310,827; losses paid, \$1,842,619; dividends declared, cash, \$1,463,796.

MORTGAGE LOANS: These number 66 and aggregate \$135,030, and are protected by improved residential property situated in the immediate vicinity of Andover, valued at \$375,400. The buildings are well covered by insurance, of which the company holds \$236,225. On Dec. 31, last, there was \$138 of interest past due.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Securities.			
Emex Co., Lawrence, Mass.....		\$561	
Smith & Dove Mfg., c., Andover, Mass.....		1,700	\$4,000
Smith & Dove Mfg., c., Andover, Mass.....		2,600	
Totals.....		\$4,861	\$4,000

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Andover, Mass., wat., 1919, 4%.....		\$8,000	\$7,920
Andover, Mass., wat., 1923, 4%.....		3,000	2,970
Andover, Mass., wat., 1928, 4%.....		4,000	3,960

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
Atch., Top. & St. Fe., 1, 1958, 4%.....		\$10,000	\$9,100
Banger & Aroos., eq., 1916, 5%.....		2,000	1,980
Boston & Albany, 1933, 4%.....		3,000	2,820
Chi. & Nwn., s. f., 1929, 5%.....		4,000	4,200
Chi. Ry., 1, 1937, 5%.....		3,000	2,970
Chi., Wm. & Minn., 1, 1916, 6%.....		5,000	5,100
Ill. Cent., 1, 1951, 4%.....		2,000	1,820
N. Y., Chi. & St. L., d., 1931, 4%.....		10,000	8,400
So. Pac., 1, r., 1955, 4%.....		10,000	9,200
Worcester Ca. St. Ry., 1937, 5%.....		2,000	2,000
Boston Elev., 1937, 4%.....		10,000	9,200
N. Y., N. H. & H. deb., 1956, 4%.....		10,000	7,400
Pac. Tl. & Tg., 1937, 5%.....		3,000	2,910
Am. Tl. & Tg., col., tr., 1939, 4%.....		12,000	10,680
N. E. Tl. & Tg. col., 1929, 4%.....		2,000	2,020
Abington, Mass., wr., 1934, 4%.....		3,000	2,910
Cleveland, O., st. imp., 1917, 5%.....		1,000	1,020
Omaha, Neb., sr., 1933, 4%.....		3,000	3,080
Pawtucket, R. I., wr., 1923, 4%.....		2,000	1,980
Portland, Ore., dk., 1943, 4%.....		5,000	5,200
San Francisco, Cal., Gy. St. & Ry., 1927, 4%.....		2,000	1,980
Seattle, Wash., 1924, 4%.....		1,000	1,000
Minneapolis, h. sc., 1944, 4%.....		4,000	3,920
Bristol, Conn., 1939, 4%.....		3,000	3,120
Seattle, 1921, 4%.....		2,000	2,000
Int. Bor. R. T., 1966, 5%.....		2,000	1,980
Stocks.			
Andover Nat. Bk.....		4,900	7,950
Merchants Nat. Bk.....		800	1,200
Amer. Tl. & Tg. Co.....		8,900	10,947
Totals (book value, \$147,156).....		\$145,600	\$142,954

TERRITORY COVERED: The company is licensed in Conn., Mass., Me., N. H., N. Y., R. I. and Vt.

MICHIGAN FARMERS MUTUAL FIRE INSURANCE CO., Yale, Mich.

President, Norman B. Herbert; Secretary, William Hodgins.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$23,881	\$28,416	—\$5,535	\$15,539	\$17,323	\$15,498	\$3,500	\$2,031	\$21,029	\$15,498
1913	23,695	25,082	—2,601	12,383	13,066	12,388	107	1,002	13,597	12,388
1912	32,917	592,492	32,917	9,086	11,966	7,342		3,046	10,388	7,342

— Excess of liabilities over assets.

ASSETS, DEC. 31, 1914: Mortgage loans, \$22,200; cash, \$1,681; total assets, \$23,881. LIABILITIES: Losses unpaid, \$1,000; unearned premiums, \$28,416; total liabilities, \$29,416.

Fire risks in force, December 31, \$5,150,000.

MICHIGAN MILLERS MUTUAL FIRE INSURANCE CO., Lansing, Mich.

President, Robert Henkel, Secretary, A. D. Baker. Organized, 1881.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$1,399,347	\$783,647	\$505,601	\$816,751	\$884,232	\$620,535		\$295,325	\$915,860	\$648,015
1913	1,409,919	1993,173	1643,419	811,627	868,932	368,071		314,418	682,489	383,083
1912	1,222,901	7592,492	7560,589	789,064	827,222	384,681		252,815	637,496	372,760

† Includes guaranty deposits. ‡ Includes \$200,000 permanent fund.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$10,000	Losses unpaid.....	\$95,222
Mortgage loans.....	763,984	Unearned premiums.....	633,247
Bonds and stocks.....	436,322	Guaranteed dep.....	150,402
Cash.....	89,341	Other liabilities.....	14,875
Agents' balances.....	80,241		
Interest and rents....	19,459	Total liabilities.....	\$893,746
		Capital paid up.....	200,000
		Net surplus.....	305,601
Total assets.....	\$1,399,347	Total.....	\$1,399,347

Net amount of members' liability, Dec. 31, \$2,224,645.

Underwriting loss, \$206,713; investment profit, \$68,896.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$115,977,211; premiums thereon, \$1,293,262.

BUSINESS SINCE ORGANIZATION: Premiums received, \$8,481,782; losses paid, \$5,118,710.

REAL ESTATE OWNED: Consists of brick office building and lot located at 120 West Ottawa st., Lansing; book value, \$10,000; net income in 1911, \$1,818; in 1912, \$1,818; in 1913, \$939; in 1914, \$1,253. Rental of space occupied by company, \$1,200.

MORTGAGE LOANS: There are 115 loans aggregating \$763,984, being in all first liens on real estate situated chiefly in Lansing, Detroit, Battle Creek, Saginaw, Holland, Peoria, Milwaukee and Chicago, valued at \$1,845,743. There was \$230 of interest past due on December 31, last. The company holds \$911,075 of insurance on the buildings.

MICHIGAN MILLERS MUTUAL FIRE INS. COMPANY, Lansing, Mich.—Cont.

BONDS OWNED:

	Par Value.	Market Value.
U. S. Govt., e., 1918, 3%.....	\$4,200	\$4,242
Alpena, Mich., wat. wks., 1925-27, 5%.....	35,000	36,500
Alpena, Mich., wat. wks., 1924, 5%.....	2,000	2,120
Cheboygan, Mich., r., 1933, 5%.....	3,000	3,090
Coopersville, Mich., wat. wks., 1915-30, 5%.....	8,000	8,195
Durand, Mich., wat. wks., 1939, 5%.....	4,000	4,120
Grand Haven, Mich., w., 1917, 5%.....	10,000	10,100
Grand Rapids, Mich., big dit., 1918, 4%.....	20,800	20,898
Hastings, Mich., st. imp., 1915-19, 4%.....	7,250	7,176
Holland, Mich., wat. wks., 1915-17, 5%.....	9,000	9,060
Ithaca, N. Y., r. wat. wks., 1942, 4½%.....	6,000	6,080
Kan. City, Mo., No. Pk., 1919, 7%.....	119	119
Lincoln, Neb., gn. r., 1917, 4%.....	5,000	4,960
Lansing Twp., Mich., se., 1915-17, 6%.....	3,850	3,892
Marlette, Mich., wat. wks., 1915, 5%.....	14,000	14,000
Midland, Mich., r., 1918-23, 4%.....	20,000	19,800
Montgomery Co., Tenn., hv., 1935, 4½%.....	25,000	24,500
Newburg, N. Y., wat. wks., 1930, 4%.....	50,000	49,000
N. Y. Cy., R. T. R. R., 1953, 3½%.....	26,000	22,880
N. Y. Cy., f. st. & pk., 1953, 3½%.....	25,000	22,000
N. Y. Cy., g. bet. Mtn. & Bldyn., 1953, 3½%.....	4,000	3,520
N. Y. Cy., Carnegie libraries, 1953, 3½%.....	2,000	1,760

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Northville, Mich., wat. wks., 1922, 5%.....	\$20,000	\$20,200
Portland, Mich., el. lt., 1916, 5%.....	6,000	6,000
Richland twp., Mich., se., 1915-26, 5%.....	5,500	5,585
Shepherd, Mich., wat. wks., 1924-38, 5%.....	14,500	14,705
Syracuse, N. Y., mun., 1926, 4½%.....	50,000	51,960
St. Clair, Mich., gn. l., 1922, 4½%.....	5,000	4,850
Schenectady, N. Y., w., 1918-27, 4½%.....	50,000	51,060
Wind. & McK. twps., Mich., se., 1918-28, 6%.....	4,200	4,340
Totals (book value, \$439,419).....	\$439,419	\$436,322

MISCELLANEOUS: Statements according to Michigan standard. Conflagration losses: Baltimore, 1904, \$16,000; San Francisco, 1906, \$5,847.

DIRECTORS: Robert Henkel, H. F. Colby, B. W. Jenks, S. J. Titus, C. J. DeRoo, A. D. Baker, G. F. Almendinger, David Stott, W. S. Rowe, G. H. Amendt.

FIELD MEN AND TERRITORY COVERED: Agency managers: C. H. Cole, Seattle, Wash., for Wash., Ida. and Ore.; H. M. Giles, Minneapolis, Minn., for Minn., Wis., N. D. and S. D.; C. H. Ridgway, Kansas City, Mo., for Mo. The company is licensed in Ida., Ill., Ind., Mass., Mich., Minn., Mo., N. Y., N. H., N. D., Ore., O., Pa., R. I., S. D., Wash., W. Va. and Wis.

MICHIGAN MUTUAL TORNADO, CYCLONE AND WINDSTORM INSURANCE COMPANY, Hastings, Mich.

President, W. E. Hale; Secretary, D. W. Rogers. Organized, 1885.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$51,660		\$50,885	\$126,949	\$139,077	\$83,243	\$70	\$28,900	\$112,213	\$70,465
1913	49,073		49,073	263,724	264,371	189,022		65,406	254,430	189,022

ASSETS, DEC. 31, 1914: Real estate, \$6,000; collateral loans, \$35,016; agents' balances, \$10,644; total assets, \$51,660. Liabilities: Losses unpaid, \$775.

Risks in force, December 31, \$119,465,978.

MIDDLESEX MUTUAL ASSURANCE COMPANY, Middletown, Conn.

President, O. Vincent Coffin; Secretary, Daniel W. Chase. Organized, 1836.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$1,128,828	\$207,445	\$916,306	\$136,044	\$194,289	\$84,253		\$70,888	\$154,641	\$86,578
1913	1,119,935	202,057	901,985	129,846	185,372	63,307		68,220	129,527	62,763
1912	1,155,293	200,249	943,806	129,667	187,077	93,979		65,317	159,296	98,159

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$189,000	Losses unpaid.....	\$8,878
Bonds and stocks.....	885,579	Unearned premiums.....	207,445
Cash.....	46,754	Other liabilities.....	6,260
Agents' balances.....	16,147	Total liabilities.....	\$222,523
Interest and rents.....	4,648	Surplus.....	916,306
Total assets.....	\$1,138,828	Total.....	\$1,138,828

RISKS AND PREMIUMS: Fire risks in force, December 31, \$50,665,232; premiums thereon, \$405,815.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,916,517; losses paid, \$2,267,389.

REAL ESTATE OWNED: Consists of improved real estate in Middletown, market value, \$189,000. Book value, \$150,000. Rents received during the year, \$12,416. Taxes and expenses, \$3,860.

BONDS AND STOCKS OWNED:

BONDS.		Par Value.	Market Value.
State of Connecticut.....		\$25,000	\$25,000
State of Connecticut.....		25,000	25,250
Ansonia, Conn.....		10,000	10,100
Hartford, Conn.....		10,000	10,500
Kansas City, Kan.....		10,000	10,300
Muskegon, Conn.....		5,000	5,100
Minneapolis, Minn.....		10,000	9,674
Norwich, Conn.....		10,000	10,100
East Orange, N. J.....		15,000	15,000
Purdland, Conn.....		26,000	24,310
Balt. & O. R. R., S. W. Div.....		40,000	35,000
Balt. & Susq. R. R.....		7,000	3,850
Balt. Cedar Rap. & N.....		20,000	20,400
Chicago & Eastern Ill.....		30,000	22,500
Chicago, Mil. & St. P.....		5,000	4,975
Cn., Ind. & W.....		10,000	5,000
Clev. C. C. & St. L., Cairo Div.....		40,000	34,000

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.		Par Value.	Market Value.
La. Falls & Sioux City.....		\$10,000	\$10,500
Kan. Cy., Ft. Scott & Memp.....		12,000	8,280
L. S. & Mich. So.....		40,000	36,000
L. & N., unified.....		40,000	36,600
Mil., Sparta & Wm.....		10,000	9,100
Missouri Pac. Central.....		10,000	9,000
N. Y., N. H. & H. cv.....		25,100	26,104
St. Paul M. & M.....		25,000	28,750
St. L., Iron Mtn. & So.....		5,000	4,875
Continental Coal Co.....		12,000	12,000
W. & B. Douglas.....		5,000	4,750
Pacific Tel. & Telegraph.....		10,000	9,500
United To. & El.....		10,000	10,100

STOCKS.

Atch., T. & S. Fe. R. R., p.....	20,000	19,300
Baltimore & Ohio R. R., p.....	2,400	1,626
Baltimore & Ohio R. R., com.....	4,500	3,093
Buffalo & Susq. R. R., p.....	3,000	750
Buffalo & Susq. R. R., com.....	1,500	75
Chicago & Northwestern R. R., com.....	65,000	79,625
Chicago & Northwestern R. R., p.....	10,000	16,500
Illinois Central R. R.....	30,000	31,800
Louisville & Nashville R. R.....	24,000	26,890
N. Y., N. H. & H. R. R.....	100,600	55,330
Pennsylvania R. R.....	84,700	88,511
Union Pacific R. R.....	20,000	22,200
Central National Bank.....	2,250	2,550
First National Bank.....	4,000	3,680
Middletown National Bank.....	11,250	15,750
Middlesex Co., Nat. Bank.....	4,200	3,403
Totals.....	\$399,500	\$348,691

MISCELLANEOUS: Company operates in Connecticut only. TERRITORY COVERED: D. W. Camp, special agent for Conn., Middletown, Conn. Conn. only.

MIDDLESEX MUTUAL FIRE INSURANCE COMPANY, Concord, Mass.

President, Prescott Keyes; Secretary, Adams Tolman. Organised, 1826.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$574,306	\$354,467	\$196,461	\$208,386	\$234,350	\$106,747	\$83,182	\$66,379	\$256,307	\$114,143
1913	591,527	347,336	234,193	201,588	227,278	73,183	93,357	62,304	228,844	68,254
1912	624,478	340,491	270,187	201,179	230,016	90,269	98,455	57,534	246,258	93,908

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$41,618	Losses unpaid.....	\$11,738
Mortgage loans.....	43,900	Unearned prems.....	354,467
Bonds and stocks.....	459,782	Perp. dep. recl.....	3,116
Cash.....	3,173	Other liabilities.....	8,524
Agents' balances.....	19,123	Total Liabilities.....	\$377,845
Interest and rents.....	6,470	Surplus.....	196,461
Other assets.....	240		
Total assets.....	\$574,306	Total.....	\$574,306

Underwriting profit, \$24,304; investment profit, \$27,660.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$48,878,434; premiums thereon, \$702,917.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,294,554; losses paid, \$2,413,534; dividends declared, cash, \$2,682,852.

REAL ESTATE OWNED: Consists of company's home office building, 30 acres of land, fair grounds, Concord. Net income last year \$162.

MORTGAGE LOANS: There are 18 loans, aggregating \$43,900, protected by improved real estate in and near Concord, valued at considerably over double the amount loaned thereon. There was \$195 of interest past due on Dec. 31, last. The company holds \$72,200 insurance on the mortgage buildings.

BONDS AND STOCKS OWNED:		Book Value.	Market Value.
Bonds.			
Holyoke, Mass., 1927, 4%.....		\$10,950	\$10,000
Mass. State, 1930, 3%.....		10,138	8,900
New Britain, Conn., 1930, 4%.....		5,069	4,900
New Britain, Conn., 1936, 4%.....		6,225	5,880
Norwich, Conn., 1913, 4%.....		4,059	3,920
Pawtucket, R. I., 1929, 4%.....		10,450	9,800
Stamford, Conn., 1938, 4%.....		5,092	4,950
Woonsocket, R. I., 1924, 4%.....		2,023	1,960
Belt R.R. & Stk. Yds., Ind., 1939, 4%.....		9,750	9,500
B. & A., 1933, 4%.....		10,050	9,400
B. & L., 1923, 4%.....		5,006	4,650
B. & M., 1944, 4%.....		11,775	6,900
B. & No. st., 1954, 4%.....		4,625	4,400
C. B. & Q., 1949, 3%.....		3,000	3,400
Chi. Jo. Ry. & U. Stk. Yds., 1940, 4%.....		14,800	12,150

BONDS AND STOCKS OWNED.—Cont.		Book Value.	Market Value.
Bonds.—Cont.			
C. & N. W., 1923, 3 1/2%.....		\$10,225	\$9,300
C. H. & D., 1942, 5%.....		10,100	8,000
C. & P., 1948-50, 3 1/2%.....		31,575	26,000
C. & M., 1920, 4%.....		25,150	24,000
Conn. & Pass., 1943, 4%.....		26,600	22,250
Erie & Pitta., 1940, 3 1/2%.....		10,400	8,600
Hamilton, Ont., St., 1923, 4 1/2%.....		10,235	9,300
J. F. & C., 1950, 4%.....		4,750	4,550
L. S. & M. S., 1907, 3 1/2%.....		10,913	8,600
L. I., 1932, 5%.....		5,762	5,150
M. & M., 1901, 4%.....		11,062	9,600
Narra. Pier, 1916, 4%.....		10,375	9,900
New Eng., 1945, 4%.....		10,108	9,400
N. Y. C. & H. R., 1907, 3 1/2%.....		4,588	4,150
N. Y., N. H. & H., 1947, 3 1/2%.....		15,262	10,500
N. Y., O. & W., 1902, 4%.....		15,325	12,450
Norwich & Wor., 1927, 4%.....		10,575	9,800
Old Colony, 1925, 4%.....		5,262	4,750
Prov. & Wor., 1947, 4%.....		6,060	5,400
Republican Valley, 1919, 6%.....		630	612
St. P., M. & M., 1933, 4 1/2%.....		21,825	20,800
S. C. & Pac., 1936, 3 1/2%.....		9,650	8,800
Tm. R.R. Assn., St. L., 1939, 4 1/2%.....		13,630	12,000
United Te. & El. R. I., 1933, 5%.....		11,263	10,000
West End St., 1932, 4%.....		5,225	4,500
Amer. Tl. & Tg., 1929, 4%.....		9,000	8,900
Amer. Tl. & Tg., 1933, 4 1/2%.....		10,275	9,900
Western Tl. & Tg., 1932, 5%.....		9,400	9,700

STOCKS.		Book Value.	Market Value.
Bos. & Alb.....		5,757	10,260
Fitchburg.....		8,660	7,800
Concord Nat. Bk.....		3,300	6,600
Pullman.....		31,094	46,500
Mass. Real Estate Co.....		1,000	1,500
Totals.....		\$488,048	\$456,763

FIELD MEN AND TERRITORY COVERED: C. F. Bowers, vice-president and underwriting manager, and E. R. Howard, special agent, Concord, Mass., for entire field. The company operates in the New England states only.

MILL OWNERS MUTUAL FIRE INSURANCE COMPANY, Chicago, Ill.

President, H. N. Wade; Secretary, Philip J. Halla. Organised, 1895.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$170,621	\$75,430	\$92,637	\$124,553	\$133,662	\$6,442	\$118,361	\$16,198	\$141,001	\$4,309
1913	177,851	89,145	87,278	154,206	162,036	8,055	119,156	21,620	149,131	8,837
1912	166,278	77,515	86,657	152,023	160,145	7,508	118,345	19,696	145,548	7,999

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks...	\$153,540	Losses unpaid.....	\$280
Cash.....	8,063	Unearned prems.....	75,430
Agents' balances.....	6,570	Other liabilities.....	2,374
Interest.....	2,428	Total Liabilities.....	\$77,984
		Surplus.....	92,637
Total assets.....	\$170,621	Total.....	\$170,621

Net amount of members' liability, Dec. 31, \$757,001; underwriting profit, \$115,694; investment profit, \$3,027.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$18,094,865; premiums thereon, \$151,400.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,916,689; losses paid, \$233,900; dividends declared, cash, \$1,327,127.

MISCELLANEOUS: Conflagration loss: Baltimore, 1904, \$150.

FIELD MEN AND TERRITORY COVERED: W. S. Russell, Detroit, Mich. The company operates in all States east of the Rocky Mountains and in Canada.

MILL OWNERS MUTUAL FIRE INSURANCE COMPANY OF IOWA, Des Moines, Ia.

President, H. J. Benson; Secretary, J. T. Sharp. Organized, 1875.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$495,327	\$173,559	\$310,726	\$199,063	*\$218,669	\$149,087	.....	\$41,783	\$190,870	\$153,659
1913	478,053	161,322	314,148	193,644	310,018	149,602	.....	33,653	183,255	145,682
1912	413,136	123,497	141,685	175,779	191,441	91,014	.....	32,906	123,923	79,087

* Excludes deposits received and returned.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$398,672	Losses unpaid.....	\$6,117
Cash.....	33,983	Unearned prem's.....	40,533
Agents' balances.....	49,166	Mutual deposits.....	133,026
Interest.....	13,406	Other liabilities.....	4,825
		Total liabilities...	\$184,501
		Surplus.....	310,726
Total assets.....	\$495,327	Total.....	\$495,227

Underwriting loss, \$19,097; investment profit, \$21,494.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$14,342,806; premiums thereon, \$81,066.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,949,982; losses paid, \$2,226,574.

MORTGAGE LOANS: There are 83 loans, aggregating \$398,672, all first liens on improved Iowa farms, valued at \$1,369,829, and on which the company holds \$113,175 of insurance. There was no interest past due on December 31, last.

DIRECTORS: L. M. Macy, J. T. Sharp, H. J. Benson, I. W. Shambaugh, R. L. Wood.

FIELD MEN AND TERRITORY COVERED: C. H. Ryerson, O. R. Van Dyke, L. B. Doud and G. F. Sharp, inspectors. The company accepts flouring mill, elevator and factory risks from any State in the United States. It is licensed in Ill., Ind., Ia., Minn., Mo., N. J., N. Y., O., Pa., Tex., Wash. and Wis.

MILLERS MUTUAL FIRE INSURANCE ASSOCIATION OF ILLINOIS, Alton, Ill.

President, H. B. Sparks; Secretary, G. A. McKinney. Organized, 1877.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$548,397	\$109,285	\$422,112	\$294,334	\$316,879	\$189,353	.....	\$65,173	\$254,526	\$201,323
1913	486,195	90,464	385,650	280,194	290,938	206,659	.....	56,874	263,533	210,797
1912	473,254	137,947	320,668	264,768	281,632	162,383	.....	48,674	211,057	153,002

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$5,000	Losses unpaid.....	\$11,000
Bonds and stocks.....	477,668	Unearned prem's.....	109,285
Cash.....	35,442	Other liabilities.....	6,000
Agents' balances.....	21,836	Total liabilities...	\$126,285
Interest and rents...	8,461	Surplus.....	422,112
Total assets.....	\$548,397	Total.....	\$548,397

Underwriting profit, \$20,798; investment profit, \$15,664.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$34,011,664; premiums thereon, \$211,949.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,964,699; losses paid, \$2,534,180.

REAL ESTATE OWNED: Consists of office building and lot situated at 12 West Third st., Alton, Ill., book value \$5,000.

BONDS OWNED.

	Par Value.	Market Value.
School.....	\$198,300	\$202,705
Municipal and county.....	143,500	143,581
Railroad.....	85,000	66,438
General imp.....	19,100	19,115
Special road.....	48,000	43,368
Totals.....	\$488,900	\$477,657

TERRITORY COVERED: Inspectors: T. M. Van Horn, Chicago, Ill.; C. W. Fitzsimmons, Jacksonville, Ill.; H. A. Braunagel and Jno. A. Braunagel, Wichita, Kan.; Rollie Watson, State agent, Wichita, Kan.

MILLERS MUTUAL FIRE INSURANCE COMPANY, Harrisburg, Pa.

President, John M. Hayes; Secretary, B. K. Huntsinger. Organized, 1889.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$420,133	\$147,673	\$249,774	\$187,176	\$215,326	\$109,440	\$41,039	\$24,853	\$185,332	\$123,556
1913	287,237	148,642	229,020	185,248	207,969	79,854	41,380	18,981	140,215	79,854
1912	320,196	115,762	206,235	172,371	192,088	110,345	35,409	16,709	162,710	97,484

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$68,145	Losses unpaid.....	\$22,000
Bonds and stocks.....	289,911	Unearned prem's.....	147,673
Cash.....	55,112	Other liabilities.....	736
Interest and rents...	5,915	Total liabilities...	\$170,359
Other assets.....	1,060	Surplus.....	249,774
Total assets.....	\$420,133	Total.....	\$420,133

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,266,700; premiums thereon, \$1,696,328.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,071,656; losses paid, \$920,295.

MORTGAGE LOANS: There are 19 loans, aggregating \$68,145, protected by improved real estate valued at \$150,560. The company holds insurance on the buildings for \$93,750. There was \$108 of interest past due on December 31, last.

FIELD MEN AND TERRITORY COVERED: W. J. Shufert, J. L. Batess. The company is licensed in Pa. and N. C.

MILLERS MUTUAL FIRE INSURANCE COMPANY OF TEXAS, Fort Worth, Tex.

President, B. R. Neal; Secretary, Glen Walker. Organized, 1896.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$301,757	\$74,433	\$222,067	\$188,713	\$305,051	\$59,955	\$72,801	\$27,860	\$160,616	\$62,237
1913	259,230	61,260	194,740	167,886	183,988	96,909	61,881	28,451	187,241	89,970
1912	261,253	63,826	181,916	138,371	151,265	48,304	25,698	26,722	100,724	46,221

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$206,295	Losses unpaid.....	\$3,507
Bonds.....	27,865	Unearned prems.....	74,433
Cash.....	54,004	Other liabilities.....	1,750
Agents' balances.....	9,532	Total liabilities.....	\$79,690
Interest.....	4,061	Surplus.....	222,067
Total assets.....	\$301,757	Total.....	\$301,757

Net amount of members' liability, Dec. 31, \$384,674; underwriting profit, \$81,872; investment profit, \$15,092.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$11,060,470; premiums thereon, \$165,848.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,659,842; losses paid, \$686,334; dividends declared, cash, \$638,489.

MORTGAGE LOANS: The 84 loans, amounting to \$206,295, are secured by property located in Fort Worth, Tex., valued at \$623,650, on which the company holds \$377,950 insurance. There was no interest past due on December 31, last.

BONDS OWNED:	Par Value.	Market Value.
Travis Co., Tex. Br., 1938.....	\$4,000	\$4,040
Dallas Cy., wat. wks., 1947.....	5,000	4,950
Ft. Worth, 1949-50.....	13,000	13,043
Midland Co., Tex., 1953.....	7,000	7,050

Totals (book value, \$29,085)..... \$29,000 \$29,085

MISCELLANEOUS: This company collects a premium in advance. The assured is credited with this premium, charged with the cost of the insurance and the balance remaining is returned to the assured. To meet the contingency of excessive loss, each policy carries a liability, in addition to the cash premium called for, of a sum equal to another annual premium.

TERRITORY COVERED: The company is licensed in Ill., Ind., Kan., Mass., N. Y., Pa. and Tex.

MILLERS NATIONAL INSURANCE COMPANY, Chicago, Ill.

President, C. H. Seybt; Secretary, M. A. Reynolds. Organized, 1865.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$2,186,924	\$944,789	\$708,711	\$936,354	\$1,030,894	\$578,572	.....	\$296,714	\$877,286	\$642,746
1913	2,021,118	761,679	681,206	878,274	969,816	586,685	.....	280,296	866,981	576,174
1912	1,934,497	686,116	595,825	818,534	895,262	432,912	.....	246,006	678,921	460,063

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$399,286	Losses unpaid.....	\$106,496
Bonds and stocks.....	1,527,426	Unearned prems.....	844,789
Cash.....	128,694	Other liabilities.....	26,938
Agents' balances.....	97,423	Total liabilities.....	\$978,213
Interest.....	35,215	Permanent fund.....	800,000
Other assets.....	2,406	Surplus.....	708,711
Total.....	\$2,190,449	Total.....	\$2,190,449
Spl. dep. over liab..	3,526		
Total assets.....	\$2,186,924	Total.....	\$2,186,924

Net amount of members' liability, Dec. 31, \$4,294,926; underwriting loss, \$69,475; investment profit, \$102,508.

RISKS AND PREMIUMS: Fire risks in force (except perpetuals), December 31, \$109,077,187; premiums thereon, \$1,289,114.

BUSINESS SINCE ORGANIZATION: Premiums received, \$13,679,165; losses paid, \$9,271,498.

MORTGAGE LOANS: There are 92 loans, amounting to \$399,286, and secured by mortgages on Minn., S. D., N. D., Ind., and Kan. farm property, valued at \$1,248,185. There was no interest past due on December 31, last. The company holds \$31,621 of insurance on the mortgaged buildings.

BONDS AND STOCKS OWNED:	Par Value.	Market Value.
BONDS.		
Aberdeen, S. D., r., 1915, 6%.....	\$10,000	\$10,000
Arlington Hgts., Ill., sc., 1915, 5%.....	9,400	9,653
Atoka Co., Okla., sc., 1929-31, 6%.....	4,000	4,870
Aurora, Mo., sc., 1927, 5%.....	20,000	20,300
Bear Lake Co., Ida., sc., 1927, 6%.....	10,000	10,300
Beaver Co., Okla., con. sc., 1931, 6%.....	3,000	3,210
Bennington, I. T., sc., 1937, 6%.....	4,000	4,400
Bernford, S. D., Ind. sc., 1926, 5%.....	4,000	4,000
Bever, Mo., sc., 1927, 5%.....	10,000	10,000
Blairburg, Ia., Ind. sc., 1920, 5%.....	3,500	3,570
Bonne Terre, Mo., sc., 1915-18, 6%.....	4,000	4,080
Brainerd, Minn., sc., 1924, 4%.....	12,000	11,880
Breathitt Co., Ky., Jackson sc., 1915-31, 6%.....	10,500	11,065

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
Buffalo, N. Y., reg., grade cr., 1933, 4%.....	\$50,000	\$51,000
Caldwell Co., Mo., sc., 1915-18, 5%.....	2,000	2,020
Can. Co., Okla., sc., 1929, 6%.....	1,000	1,060
Canova, S. D., sc., 1915-23, 6%.....	5,800	6,017
Carlsbad, N. M., sc., 1943, 6%.....	10,000	11,000
Caruthersville, Mo., wat. wks., 1922, 4%.....	12,000	12,000
Cassia Co., Ida., Burley, sc., 1932, 6%.....	17,000	16,530
Cherokee Co., Okla., sc., 1931, 6%.....	1,000	1,070
Clinton, Ill., high sc., 1920-2, 4%.....	9,000	9,090
Coal Co., Okla., sc., 1930-1, 6%.....	3,500	3,745
Coal & Hughes Co., Okla., jt. sc., 1931, 6%.....	1,500	1,605
Colo. Spgs. Colo., r., sc., 1923, 5%.....	15,000	15,150
Comanche Co., Okla., sc., 1929, 6%.....	15,000	15,800
Craig Co., Okla., sc., 1919, 6%.....	3,000	3,080
Craig Co., Okla., sc., 1929, 5%.....	11,000	11,110
Craig Mayes Cos., Okla. jt. sc., 1933, 6%.....	12,000	12,440
Creek Co., Okla., sc., 1929, 6%.....	1,000	1,050
Custer, Co., Okla., sc., 1929, 6%.....	1,000	1,050
Delaware Co., Okla., sc., 1920-53, 6%.....	8,300	9,130
Doniphan, Mo., wat. wks., 1922, 5%.....	6,500	6,500
Durant, Ind. Ter., sc., 1924, 5%.....	5,000	5,150
Fergus Falls, Minn., sc., 1919, 4%.....	45,000	44,100
Florence, Colo., r., wat. wks., 1929, 5%.....	10,000	10,100
Freeborn Co., Minn., dr., 1915-7, 5%.....	10,000	10,090
Fremont Co., Ida., Rigby I.S.D., 1933, 6%.....	15,000	15,150
Fulton Co., Ky., sc., 1919-22, 6%.....	4,000	4,170
Gallup, N. M., H. Sc., 1943, 5%.....	8,600	9,010
Garvin Co., Okla., sc., 1929, 6%.....	2,000	2,120
Grady Co., Okla., sc., 1923-31, 6%.....	3,300	3,412
Halstad, Minn., Ind. sc., 1918, 5%.....	4,000	4,020
Herculesburg, Mo., sc., 1915-22, 6%.....	7,000	7,320
Hettinger Co., N. D., r., 1929, 5%.....	14,000	14,000
Higginsville, Mo., sc., 1919-29, 4%.....	20,000	20,000
Hillsboro, Ill., sc., 1916-22, 5%.....	8,000	8,146
Hughes Co., Okla., sc., 1929, 5%.....	3,000	3,080
Hughes Co., Okla., sc., 1929-31, 6%.....	11,500	12,265
Idaho Co., Ida., sc., 1932, 6%.....	4,000	4,160
Jefferson Co., Okla., sc., 1931, 6%.....	800	833
Johnston Co., Okla., sc., 1919-29, 6%.....	6,000	6,280
Kahoka, Mo. wat. wks., 1922, 5%.....	8,800	8,888
Kingsbury Co., S. D., sc., 1922, 5%.....	6,500	6,500

MILLERS NATIONAL INSURANCE COMPANY, Chicago, Ill.—Continued.

BONDS AND STOCKS OWNED.—Cont.		Par Value.		Market Value.		BONDS AND STOCKS OWNED.—Cont.		Par Value.		Market Value.	
Bonds.—Cont.		Value.		Value.		Bonds.—Cont.		Value.		Value.	
Kootenai Co., Ida., St. Maries, Ind., S. D.	1933, 54%					Sibley, Ia., gas, 1917, 5%		\$8,000		\$8,080	
Lancaster, Mo., el. lt., 1924, 5%		\$30,000		\$30,600		Sikeston, Mo., wat. wks., 1929, 5%		3,000		3,000	
Lathrop, Mo., sc., 1927, 5%		2,000		2,000		Stoddard Co., Mo., dr., 1915-22, 6%		8,000		8,160	
Leflore Co., Okla., sc., 1920, 6%		5,000		5,100		Stone Co., Mo., Crane sc., 1930, 5%		2,000		2,040	
Leola, S. D., sc., 1916-23, 6%		2,000		2,080		Teton Co., Mont., sc., 1926-32, 6%		11,000		11,690	
Lewis Co., Tenn., sc., 1922, 5%		7,000		7,150		Tillman Co., Okla., sc., 1919, 6%		1,000		1,040	
Lewis Co., Ida., Ind. sc., 1932, 54%		10,000		10,100		Todd Co., Minn., Ind., sc., 1922, 5%		12,000		12,240	
Lewis & Ida. Co., Ida. Kamiah, Ind., sc., 1932, 54%		8,000		8,240		Tulsa Co., Okla., sc., 1928, 6%		10,000		10,700	
Lincoln Co., Ida., h. sc., 1932, 54%		25,000		25,250		Versailles, Mo., sc., 1927, 5%		4,500		4,545	
Lincoln Co., Ore., sc., 1934, 6%		30,000		30,900		Walla Walla, Wash., C. H., 1928, 5%		6,000		6,060	
Linn Co., Ore., sc., 1934, 6%		18,000		18,960		Walla Walla Co., Wash., Con. sc., 1921, 54%		11,000		11,110	
Love Co., Okla., sc., 1929-31, 6%		3,000		3,150		Warsaw, Mo., el. lt., 1925, 5%		6,000		6,000	
Marshall Co., Minn., sc., 1915-20, 44%		7,000		7,560		Wasatch Co., Utah, Theodore sc., 1934, 6%		8,500		9,010	
Marshall Co., Okla., sc., 1929, 6%		18,000		18,550		Washington Co., Okla., sc., 1928, 6%		10,000		10,700	
Mayes Co., Okla., sc., 1933, 6%		12,500		13,125		Webster Co., Mo., Fordland sc., 1919-29, 5%		4,000		4,120	
McClain Co., Okla., sc., 1929-31, 6%		12,500		13,375		Willow Springs, Mo., sc., 1924, 5%		4,500		4,500	
McCurran Co., Okla., sc., 1929-32, 6%		10,000		10,610		Windsor, Ill., r., 1915, 5%		2,500		2,500	
McCurran, I. Ter., sc., 1927, 6%		24,500		25,900		Woodward Co., Okla., sc., 1933, 6%		5,000		5,450	
McIntosh Co., Okla., sc., 1929-31, 6%		4,000		4,280		Yavapai Co., Ariz., sc., 1934, 54%		6,000		6,120	
Mendota Co., Ida., sc., 1933, 54%		4,000		4,200		Yellowstone Co., Mont., sc., 1929, 6%		7,000		7,210	
Monett, Mo., sc., 1927, 54%		20,000		20,000		Chicago, Juno Ry., 1945, 4%		50,000		42,000	
Monett, Mo., r., 1924, 44%		1,000		1,020		C. M. & St. P. Ry., Pac. Div., 1921, 5%		10,000		10,400	
Monterhouse, Mo., st. imp., 1932, 5%		4,300		4,300		Chicago Rys., 1927, 5%		10,000		9,300	
Mountain Grove, Mo., sc., 1927, 5%		3,000		3,030		Chicago Rys., adj. inc., 1927, 4%		5,100		2,246	
Mt. Vernon, N. Y., reg., hwy imp., 1947, 4%		5,000		5,050		Chicago Rys., pur. money 1927, 1916, 4%, 1927, 5%		35,000		23,900	
Mt. Vernon, N. Y., reg., sc., 1948, 44%		18,000		17,640		C. F. & Ft. W. Ry., 1923, 4%		25,000		14,500	
N. Rochelle, N. Y., reg., sc., 1929-31, 5%		10,000		10,600		E. St. L. & S. Ry., E. St. L. Ill., 1932, 5%		5,000		4,700	
Nos Perce Co., Ida., sc., 1932, 54%		20,000		21,870		Pere Marquette Ry., 1932, 41%		10,000		6,800	
Novata Co., Okla., sc., 1931, 6%		30,000		30,800		St. L. & Sub. Ry., St. L., Mo., 1923, 5%		15,000		12,300	
Okfuskee Co., Okla., sc., 1931, 6%		2,000		2,100		South Side Elev. Ry., Chi., 1924, 44%		5,000		4,650	
Okla. Co., Okla., Con. sc., 1924-34, 6%		1,500		1,620		Tm. Ry. Assn., St. Louis, Mo., r., 1953, 4%		50,000		44,000	
Onawa, Ia., wat. wks., 1916, 5%		12,500		13,000		Chicago Bd. of Trade, m., 1927, 4%		10,000		9,800	
Oregon Co., Mo., sc., 1929, 6%		7,000		7,000		Chicago Gas Lt. & C., gas, 1937, 5%		10,000		10,300	
Oregon Co., Okla., sc., 1929, 6%		3,700		3,865		Cicero Gas, gas, 1932, 5%		10,000		9,700	
Ottawa Co., Okla., sc., 1924, 6%		6,000		6,360		Nwn. Gas Lt. & Coke, Chi., gas, 1928, 5.		10,000		9,900	
Palham, N. Y., reg., sc., 1953-33, 4%		1,500		1,560							
Pemscot Co., Mo., sc., 1915-25, 6%		30,000		28,480							
Pennington, Co., Minn., dr., 1918-20, 54%		2,000		2,093							
Perkins Co., S. D. Lemon, Ind. sc., 1917-29, 4%		13,000		13,130							
Pittsburg Co., Okla., sc., 1929, 6%		13,000		13,650							
Ponca City, Okla., sc., 1936, 5%		12,000		12,980							
Pontiac, Mich., sc., 1915, 5%		5,000		5,000							
Redwood Co., Minn., sc., 1919, 54%		10,000		10,000							
Redwood Co., Minn., sc., 1917, 5%		3,500		3,640							
Rich Hill, Mo., wat. g. & el. lt., 1993, 4%		15,000		15,150							
Rogers Co., Okla., sc., 1934, 6%		9,000		9,640							
Rogers Mills Co., Okla., sc., 1933, 6%		6,000		6,300							
St. Clair Co., Ill., sc., 1921-3, 5%		11,500		12,305							
St. Louis Co., Mo., sc., 1926-7, 5%		10,500		10,840							
St. Louis Co., Mo., Nor. sc., 1926, 3%		23,000		23,520							
St. L. Co., Mo., Maplew., sc., 1929, 5%		8,000		8,240							
St. L. Co., Mo., Manch., sc., 1927, 5%		19,000		19,780							
St. L. Co., Minn., sc., 1915, 5%		1,000		1,000							
St. L. Co., Minn., sc., 1916, 5%		10,000		10,100							
St. Louis Co., N. Y. reg., C. H., 1918-23, 4%		7,000		7,000							
Seminole Co., Okla., sc., 1931, 6%		72,000		71,280							
Sequoiah Co., Okla., sc., 1919, 6%		4,500		4,725							
		1,500		1,530							

STOCKS.			
Western Adj. & Insp., Chi.		100	200
Underwriters Salvage, Chi.		100	100

Totals (book value, \$1,543,090).....

\$1,543,090

\$1,527,425

MISCELLANEOUS: The company has a permanent guarantee fund of \$600,000, capitalised out of its earned cash surplus. Conflagration losses: Baltimore, 1904, \$7,500; San Francisco, 1906, none. Value of deposit in Man., Can., \$10,000; in N.Y., \$200,000.

DIRECTORS: Chas. H. Seybt, C. B. Cole, Samuel Plant, M. A. Reynolds, Jos. Le Compte, H. K. Wolcott, Armin Fessler, J. H. MacMillan, H. S. Helm.

FIELD MEN: C. H. Cole, Seattle, Wash., Pacific Millers agency; H. M. Giles, Minneapolis, Minn., Northwestern agency; Chas. H. Ridgway, Kansas City, Mo., Southwestern agency; G. P. Johnson, Chicago, for Ind., O. and Mich.; E. K. Schultz, Philadelphia, Pa., for N. Y., Pa., N. J. and Md.; Edward J. Johnson, Boston, Mass.; Carson & Williams Bros., Winnipeg, Man. The company is licensed in Colo., Conn., Ida., Ill., Ind., Md., Mass., Mich., Minn., Mo., Neb., N. J., N. Y., N. D., O., Ore., Pa., R. I., S. D., Utah, Wash. and Wis. and in the Province of Manitoba.

MINNESOTA IMPLEMENT MUTUAL FIRE INSURANCE COMPANY, Owatonna, Minn.

President, D. H. Evans; Secretary, C. I. Buxton. Organised, 1904.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$83,753	\$24,217	\$58,022	\$89,725	\$91,927	\$26,901	\$16,365	\$19,079	\$62,344	\$22,919
1913	51,654	15,878	30,639	60,804	62,109	13,510	8,539	15,246	37,295	16,602
1912	26,296	8,849	15,301	33,435	40,859	4,697	5,998	15,691	26,386	5,417
Assets, Dec. 31, 1914.										
Mortgage loans	\$44,250									
Bonds and stocks	12,472									
Cash	18,543									
Agents' balances	6,451									
Interest	1,784									
Other assets	253									
Total assets	\$83,753									
LIABILITIES, Dec. 31, 1914.										
Losses unpaid		\$118								
Unearned premiums		24,217								
Other liabilities		1,396								
Total liabilities		\$25,731								
Surplus			\$58,022							
Total			\$83,753							

Underwriting profit, \$41,277; investment profit, \$2,536.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,630,913; premiums thereon, \$121,891.

MORTGAGE LOANS: There are 31 aggregating \$44,250 and are protected by high grade farm lands in N. D., Minn. and Mont., valued at \$160,250. Company holds \$5,800 fire insurance on the buildings.

MISCELLANEOUS: This company was originally organized as the Minnesota Mutual Fire, but late in 1906 the Minnesota Retail Implement Dealers Association having decided to organize a mutual, found that it could acquire the Minnesota Mutual, and hence took it rather than form a new concern. The name was then changed to the Retail Implement Dealers Mutual. In 1913 the name was changed to the Minnesota Implement Mutual. The company is licensed in Mich., Minn., S. D. and Wis.

MINSTER MUTUAL FIRE INSURANCE COMPANY, Minster, O.

President, J. B. Rateman; Secretary, J. E. Schmieder. Organized, 1849.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$24,443	\$15,681	\$1,486	\$31,597	\$39,737	\$22,134	\$5,111	\$9,767	\$37,012	\$30,253
1913	32,851	18,090	2,415	36,523	45,565	30,259	5,171	11,784	47,214	31,558
1912	34,519	18,790	12,560	38,146	39,291	24,234	5,123	10,848	40,206	26,343

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$640	Losses unpaid.....	\$1,258
Bonds.....	16,080	Unearned prems.....	15,681
Cash.....	4,294	Borrowed money.....	5,000
Agents' balances.....	3,382	Other liabilities.....	1,018
Interest and rents....	47		

Total assets.....	\$24,443	Total liabilities.....	\$22,957
		Surplus.....	1,486
Total.....	\$24,443	Total.....	\$24,443

Net amount of members, liability, Dec. 31, \$156,806; underwriting profit, \$4,073; investment loss, \$220.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,190,964; premiums thereon, \$31,861.

BUSINESS SINCE ORGANIZATION: Premiums received, \$356,948; losses paid, \$206,871; dividends declared, cash, \$31,588.

REAL ESTATE OWNED: Consists of one lot 99 x 50 feet with one story frame shingle roof office building; book value, \$640.

BONDS OWNED.		Par Value.	Market Value.
Martins Ferry, O.....		\$1,000	\$1,005
Toronto, O.....		5,000	5,025
Minster, O.....		10,000	10,060

Totals (book value, \$16,000)..... \$16,000 \$16,080

FIELD MEN AND TERRITORY COVERED: Vernon B. Arnold, special agent, Wapakoneta, O. The company operates in O. only.

MONTGOMERY FIRE INSURANCE CO., Amsterdam, N. Y.

President, W. N. Carpenter; Secretary, M. M. Blakeley. Organized 1898.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$17,319	\$14,154	\$3,665	\$18,769	\$19,073	\$10,539	.....	\$7,060	\$17,599	.....
1913	15,787	14,966	486	11,279	16,228	6,556	.....	6,323	12,879	.....

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Cash.....	\$14,656	Losses unpaid.....	\$500
Agents' balances.....	2,490	Unearned prems.....	14,154
Interest.....	173		
		Total liabilities.....	\$14,654
		Surplus.....	2,665
Total assets.....	\$17,319	Total.....	\$17,319

RISKS AND PREMIUMS: Fire risks in force December 31, \$3,886,265; premiums thereon, \$34,663.

MISCELLANEOUS: The law of 1910 allows co-operative companies seven years for the accumulation of reserve.

FIELD MEN AND TERRITORY COVERED: M. M. Blakeley, special agent for entire field. The company operates in N. Y. only.

MONITOR MUTUAL FIRE INSURANCE CO., Pontiac, Mich.

President, R. W. Malcolm; Secretary, M. B. Armstrong. Organized, 1870.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$35,997	.....	—\$9,888	\$37,508	\$40,907	\$41,168	.....	\$9,132	\$50,300	\$41,168
1913	45,442	.....	66	53,947	57,379	48,913	.....	4,266	53,179	48,386

—Excess of liabilities.

ASSETS, DEC. 31, 1914: Cash, \$1,730; assessments unpaid, \$34,267; total assets, \$35,997. **LIABILITIES:** Borrowed money, \$45,888.

Fire risks in force, December 31, \$14,512,337.

MONROE COUNTY CO-OPERATIVE FIRE INSURANCE COMPANY, Rochester, N. Y.

President, F. P. Van Hoesen; Secretary, E. S. Bohachek. Organized, 1895.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$27,205	\$35,237	—\$13,329	\$43,411	\$44,550	\$38,934	.....	\$17,081	\$55,965	.....
1913	38,823	34,531	3,600	42,028	43,105	22,015	.....	14,219	36,234	21,707
1912	32,160	.....	\$31,160	36,755	38,572	27,596	.....	12,543	40,139	28,186

‡ Without deducting unearned premium reserve. * Law of 1910 allowed 7 years in which to gradually accumulate unearned premiums fund.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Cash.....	\$23,025	Losses unpaid.....	\$5,297
Agents' balances....	4,180	Unearned prems.....	35,237
		Total liabilities.....	\$40,534
		Excess of liabilities over assets.....	13,329
Total assets.....	\$27,205	Total.....	\$27,205

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,210,105; premiums thereon, \$85,014.

MORRIS COUNTY INSURANCE COMPANY, Morristown, N. J.

President, J. H. Van Doren; Secretary, Guy Minton. Organised, 1849.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$46,874	\$7,947	\$38,927	\$4,457	\$6,136	\$1,996	.....	\$2,840	\$4,836	\$1,996
1913	45,031	8,438	45,031	6,131	8,036	2,670	67	3,440	6,177	2,670
1912	43,370	8,993	34,025	6,885	9,271	4,312	67	3,957	8,336	4,365

ASSETS, DEC. 31, 1914: Mortgage loans, \$37,000; bonds and stocks, \$3,200; cash loans, \$900; cash, \$3,145; interest, \$1,188; premiums uncollected, \$1,441; total assets, \$46,874. Liabilities: Unearned premia., \$7,947.

MORTGAGE LOANS: There are loans aggregating \$37,000,

protected by improved real estate in Morris, Essex and Union Counties. Company holds ample insurance on the buildings.

MISCELLANEOUS: Company transacts a surplus line business from the home office.

MOWER COUNTY MUTUAL FIRE INSURANCE COMPANY, Austin, Minn.

President, J. J. Foss Long; Secretary, A. Hotson. Organised, 1885.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$516,126	.....	\$16,126	\$11,802	\$11,802	\$13,774	.....	\$2,543	\$16,317	\$13,774
1913	120,641	.....	20,641	13,228	13,837	7,381	.....	2,119	9,500	7,369
1912	16,304	.....	16,304	.....	13,029	5,474	.....	2,142	7,616	.....

† Cash. Fire risks in force, December 31, \$7,374,345.

MUTUAL ASSURANCE COMPANY FOR INSURING HOUSES FROM LOSS BY FIRE, Philadelphia, Pa.

Chairman, Henry W. Biddle; Treasurer, Clifford Lewis. Organised, 1786.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$4,248,682	\$263,907	\$3,979,926	\$7,765	\$366,482	\$12,478	\$22,390	\$28,146	\$62,914	\$12,478
1913	4,186,222	236,142	3,927,266	6,167	181,663	2,296	20,924	35,918	59,188	2,296
1912	4,154,750	237,476	3,916,984	4,139	245,047	1,437	.....	32,572	34,009	1,437

Unearned premiums include amount reclaimable on perpetual policies.

ASSETS, DEC. 31, 1914.

Real estate.....	\$58,000	Perp. dep. recd.....	\$263,907
Mortgage loans.....	11,500	Other liabilities.....	4,849
Bonds and stocks.....	3,075,835	Total liabilities.....	\$268,756
Cash.....	55,483	Surplus.....	3,979,926
Interest and rents.....	24,668		
Deposit prems.....	12,196		
Total assets.....	\$4,248,682	Total.....	\$4,248,682

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Ches. & Del. canal.....	\$38,000	\$30,000
Delano Land Co.....	35,000	35,000
Central Dis. Tel.....	50,000	49,000
City of Allegheny.....	100,000	99,000
City of Erie.....	30,000	31,500
City of Philadelphia.....	60,000	58,400
P. & Co.....	30,000	30,000
Easton & Amboy R.R.....	20,000	20,400
Emura & Wmsport R.R.....	6,000	5,440
Equitable Gas Light.....	84,000	89,440
Hofburg Bedford & Cumberland R.R.....	25,000	23,000
Hotel Adolphus.....	25,000	25,000
Phil. Wtl. & B. R.R.....	180,000	171,600
Pa. R.R. Ft. Eq.....	150,000	149,250
Pa. R.R., 5 th	100,000	102,000
Pa. R.R., 3 rd	75,000	74,250
N. Y. P. & N. R.R.....	50,000	45,000
Union Steel Co.....	25,000	25,000
Mfr. Wst. Co.....	97,000	97,000
Lehigh Coal & Nav. Co.....	75,000	74,500
Pa. & Erie R.R.....	175,000	176,250
Pa. & N. Y. Canal R.R.....	105,000	104,550
Lehigh Valley R.R.....	360,000	360,600
P. B. & W. R.R.....	180,000	180,650
Ply. Tm. Warehouse.....	25,000	24,250

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.	Par Value.	Market Value.
Market St. Elev. Pass Ry.....	\$50,000	\$46,000
Baldwin Locomotive Wks.....	50,000	51,000
Phila. & Reading R.R.....	75,000	70,500
Reading Co., gn.....	250,000	232,500
Reading Co. Jersey col.....	51,000	46,410
Temple Coal Co.....	25,000	24,500
Pitta. & Shawmut R.R.....	30,000	30,000
W. N. Y. & Pa. R.R.....	100,000	78,000
No. Cent. R.R.....	7,000	7,280
N. Y. Short Line R.R.....	50,000	46,500
Phila. R. T. Co.....	75,000	73,250
Met. El. Co. of Reading.....	25,000	24,500
Stocks.		
United Gas Imp. Co.....	175,000	283,500
Phila. Tc. Co.....	100,750	161,200
Catawissa R.R.....	15,000	15,500
Alliance Ins. Co.....	15,000	24,000
Pbg. Ft. Wayne & Chi. R.R.....	15,000	17,000
No. Pa. R.R.....	25,000	45,000
Pa. R.R. R.R.....	55,000	58,800
No. Central R.R.....	175,000	294,000
Phila. & Trenton R.R.....	10,000	22,000
Clev. & Pitta.....	10,000	10,000
Phila. Nat. Bk.....	10,700	17,000
Pa. Co. for Ins. on lives.....	10,000	42,800
Ches. & Del. canal.....	8,150	61,000
Reading Co. c.....	75,000	815
Ins. Co. of No. Amer.....	15,000	101,250
Lehigh Valley R.R.....	25,000	35,000
Electric Storage Battery.....	50,000	38,250
Totals.....	\$3,684,600	\$4,075,825

MUTUAL ASSURANCE COMPANY OF THE CITY OF NORWICH, Norwich, Conn.

Secretary, Charles R. Butts. Organised, 1795.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$17,058	\$160	\$16,464	\$320	\$996	\$74	\$320	\$297	\$691	\$74
1913	16,753	162	16,163	326	987	.....	332	290	622	.....
1912	16,388	169	15,795	340	989	22	342	290	654	22

ASSETS, DEC. 31, 1914: Merchants Nat. Bk. stk., Norwich, Conn., \$400; cash, \$16,658; total assets, \$17,058. Liabilities: Unearned prems., \$160; dividends unpaid, \$484; total liabilities, \$594.

Underwriting loss, \$49; investment profit, \$676.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$127,770; premiums thereon, \$320.

BUSINESS SINCE ORGANIZATION: Premiums received, \$64,278; losses paid, \$19,898; dividends declared, cash, \$53,433.

MUTUAL ASSURANCE SOCIETY OF VIRGINIA, Richmond, Va.

Principa Agent, Edwin A. Palmer; Secretary, G. Moffett King. Organised, 1794.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$2,528,745	\$6,350	\$2,507,590	\$65,351	\$217,414	\$44,795	.....	\$64,258	\$119,053	\$25,355
1913	2,449,178	6,273	2,408,661	65,540	238,832	39,042	.....	96,284	135,236	70,409
1912	2,366,052	5,141	2,357,968	34,995	193,762	38,076	18,944	60,504	117,524	32,671

ASSETS, DEC. 31, 1914. LIABILITIES, DEC. 31, 1914.
Real estate..... \$367,934 Losses unpaid..... \$13,312
Bonds and stocks..... 1,550,357 Unearned prems..... 6,350
Cash..... 86,267 Other liabilities..... 1,493
Agents' balances..... 2,023
Interest and rents..... 22,164
Total liabilities..... \$21,155
Surplus..... 2,507,590

Total assets..... \$2,528,745 Total..... \$2,528,745

Fire risks in force, December 31, \$26,547,705.

REAL ESTATE OWNED: Consists of company's home office building, carried at book value.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Petersburg, Va., 5%		\$1,000	\$1,040
Petersburg R.R., 6%		12,000	13,680
Richmond, Va., 5%		40,400	40,512
Richmond, Va., 4%		275,700	260,221
Virginia Century, 3%		447,100	375,564
Atlantic Coast Line, 4%		10,000	9,100
Atlantic L. & N. Col., 4%		10,000	9,100
Atlantic C. L. eq., 4%		20,000	20,000
Richmond & Danville, 6%		1,000	1,000
Chesapeake & Ohio R.R., 4½%		15,000	13,500
Pa. R.R., 4%		10,000	10,000
University Virginia, 4%		14,000	14,000
Va.-Carolina Chemical, 5%		10,000	9,600
Denver & Rio Grande, p., 5%		10,000	4,800
Virginia (Rid.), 3%		58,500	48,590

BONDS AND STOCKS OWNED.—Cont.
Bonds.—Cont.
So. Ry. Div. G. M., 4%..... \$10,000 \$7,000
University College of Med., 5½%..... 45,000 45,000
Westmoreland Club, 4%..... 5,050 5,500
Hanover Apartments, 6%..... 27,000 27,000
Old Dom. Iron & Nail Wks., 6%..... 2,000 2,000
Ashland, Va., 5%..... 10,000 9,800

STOCKS.		Par Value.	Market Value.
Atlantic Coast Line R.R. "A".....		7,500	7,875
Atlantic Coast Line R.R., com.....		30,000	31,500
Atlantic Coast Line R.R., p.....		11,700	11,700
A. C. L., Conn., Cert. Ind.....		700	525
First Nat. Bk.....		41,000	101,630
R. F. & P. R. R., 6%, gr.....		800	2,560
R. F. & P. R. R., 7%, gr.....		20,200	64,640
R. F. & P. R. R., div. obl.....		52,500	161,175
Nat. State & City Bk.....		50,800	102,124
Virginia Trust Co.....		13,000	22,750
So. Ry., p.....		40,000	24,000
So. Ry. Div. scrip.....		800	666
Norfolk & Western R.R., com.....		20,000	20,800
Norfolk & Western R.R., p.....		30,000	25,800
Louisville & Nashville R.R.....		12,000	14,400
Norfolk Nat. Bk.....		1,700	2,945
First Nat. Bldg. Cor.....		12,500	12,500
Virginia Railway & Pow.....		11,000	10,730
Old Dominion Tr.....		2,500	5,000
Totals.....		\$1,290,900	\$1,550,357

TERRITORY COVERED: Va. only.

MUTUAL FARMERS FIRE INSURANCE COMPANY, Newton, Wis.

President, John H. Classen; Secretary, F. A. Rodewald.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$19,041	.....	\$19,041	\$2,157	\$2,921	\$1,339	.....	\$498	\$1,837	\$1,339
1913	21,534	.....	21,534	1,690	2,524	6,276	.....	372	6,648	9,000
1912	22,358	.....	22,358	2,630	2,913	452	.....	599	1,051	452

ASSETS, DEC. 31, 1914: Mortgage loans, \$18,000; collateral loans, \$200; cash, \$841; total assets, \$19,041. No liabilities. Losses paid since organization, \$51,042.

MORTGAGE LOANS: All first mortgages on good farm lands in Wis.

MUTUAL FIRE ASSURANCE COMPANY, Springfield, Mass.

President, Geo. B. Holbrook; Secretary, Herbert E. Huie. Organized, 1837.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'r's	Expenses	Total Expenditures	Losses Incurred
1914	\$277,974	\$54,409	\$223,172	\$19,892	\$38,226	\$4,573	\$17,006	\$5,348	\$26,927	\$4,573
1913	270,417	55,864	213,886	21,741	33,724	676	18,710	5,147	24,533	676
1912	274,805	55,391	218,742	21,530	33,518	8,422	18,787	5,744	\$2,953	8,422

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$68,500	Unearned premis....	\$54,409
Bonds and stocks....	196,779	Other liabilities.....	393
Cash.....	7,607		
Interest.....	2,710	Total liabilities....	\$54,802
Other assets.....	2,378	Surplus.....	223,172
Total assets.....	\$277,974	Total.....	\$277,974

Net amount of members' liability, Dec. 31, \$108,854; underwriting profit, \$11,641; investment profit, \$14,280.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$6,285,625; premiums thereon, \$108,854.

MORTGAGE LOANS: There are 29 loans aggregating \$68,500 and secured by dwellings in Springfield, Mass., valued at \$134,000. No interest past due on December 31, last. Company holds \$5,300 of insurance on mortgaged buildings.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Amer. Writing Paper 1919, 5%.....		\$1,540	\$1,340
Amer. Tl. & Tel. 1929, 4%.....		7,452	7,120
Boston & Me., 1926, 4%.....		4,000	3,080
Boston Elev., 1937, 4 1/2%.....		2,030	1,840
Chas. & O., 1939, 5%.....		4,040	4,280
Conn. River, 1923, 3 1/2%.....		2,030	1,840
C. B. & Q., 1949, 3 1/2%.....		3,805	3,400
Holyoke St., 1915, 5%.....		6,300	6,000
Ill. Cent. pur. l., 1952, 3 1/2%.....		2,801	2,460
L. I. U. M., 1949, 4%.....		1,900	1,740

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
Bonds.—Cont.			
L. S. & M. So., 1931, 4%.....		\$4,512	\$4,700
M. & S. Ry. & Lt., 1916, 5%.....		9,750	9,800
Mo. Pac. eq., 1920, 5%.....		9,700	9,640
N. Y. C. H. R. L. S., 1908, 3 1/2%.....		8,000	6,240
N. Y. N. H. & H. d., 1955, 4%.....		5,012	3,700
Nor. & So., 1954, 5%.....		1,960	1,960
P. W. & B., 1932, 4%.....		4,040	3,880
Reading Jersey Cent., 1951, 4%.....		2,865	2,850
So. Ry., eq. tr. cts., 1921, 4 1/2%.....		3,000	2,970
Springfield St., 1923, 4%.....		3,084	2,700
Worcester St., 1920, 5%.....		5,312	4,900
Adams Express Co., 1948, 4%.....		3,850	3,855
Swift & Co., 1944, 5%.....		4,800	4,850
Detroit, Tol. & Ironton R.R., 1984, 5%.....		735	1,060
So. Pac. Conv., 1934, 5%.....		5,100	5,081

STOCKS.		Par Value.	Market Value.
Boston & Albany.....		14,073	18,000
Chi. B. & Q.....		8,365	15,111
Holyoke & Westfield.....		2,740	6,000
N. Y. C. & H. R.....		37,751	30,240
Chapin Nat. Springfield.....		2,875	2,875
Chicopee Nat., Springfield.....		6,100	10,555
Springfield, Springfield.....		3,000	5,825
Hadley Falls Nat., Holyoke.....		5,050	7,250
Totals (book value, \$180,350).....		\$188,907	\$196,779

TERRITORY COVERED: Mass. only.

MUTUAL FIRE INSURANCE COMPANY, Saco, Me.

President, C. H. Sawyer; Secretary and Treasurer, A. G. Prentiss. Organized, 1827.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'r's	Expenses	Total Expenditures	Losses Incurred
1914	\$161,574	\$9,998	\$149,076	\$6,797	\$14,785	\$12,071		\$3,415	\$15,486	\$12,071
1913	160,428	8,352	151,576	6,253	16,568	2,550		5,301	7,851	2,550
1912	151,709	7,922	143,787	5,240	14,285	3,145		3,525	6,670	3,145

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$3,500	Losses unpaid.....	\$700
Mortgage loans.....	7,700	Unearned premis....	9,998
Bonds and stocks....	117,717	Borrowed money....	1,800
Collateral loans.....	28,600		
Cash.....	2,643	Total liabilities....	\$12,498
Agents' balances....	1,092	Surplus.....	149,076
Other assets.....	322		
Total assets.....	\$161,574	Total.....	\$161,574

REAL ESTATE OWNED: Consists of corner lot on Main st., opposite City Hall, at Saco, Me., and valued at \$3,500.

MORTGAGE LOAN: Four loans, for \$7,700, protected by property valued at more than double the amount loaned.

COLLATERAL LOANS: There are 5 loans well protected by reliable securities.

BONDS AND STOCKS OWNED.		Book Value.
Bonds.		
U. S., 1925, 4%.....		\$1,000
Amesbury No., 1947, 5%.....		1,000
A. T. & S. Fe., 1995, 4%.....		450
Chi. B. & Q., 1949, 3 1/2%.....		1,000
Chi. P. & St. L., 1930, 4 1/2%.....		4,750
Col. S. & L., 1920, 5%.....		1,000
L. & N., 1934, 5%.....		4,750
No. Pac. & Gt. No., 1921, 4%.....		5,100
P. O. & No., 1916, 6%.....		1,000

BONDS AND STOCKS OWNED.—Cont.		Book Value.
STOCKS.		
Atl. Coast Line.....		\$5,500
A. T. & S. Fe.....		750
A. T. & S. Fe., p.....		250
Boston & Me.....		12,857
Boston & Chelms.....		300
L. & N.....		6,000
Me. Central.....		1,500
Mass. El., p.....		2,050
Mich. Cent. & H.....		600
N. Y. N. H.....		5,100
No. R. R.....		500
Pa. R. R.....		14,150
Pere Marquette, p.....		900
Union Pac., p.....		5,240
Amer. Exp. Co.....		5,000
Androscoogin Mills.....		500
Lockwood Co.....		4,400
Bates Co.....		1,000
Pepperell Mfg. Co.....		10,200
York Mfg. Co.....		18,070
Bath Wat. Supply Co.....		1,000
Fourth Atl. Nat. Bk.....		1,100
Casco Nat. Bk.....		700
Total.....		\$117,717

TERRITORY COVERED: Company does business in Maine only. The company formerly operated entirely from the home office; it now employs agents throughout the State.

MUTUAL FIRE INSURANCE COMPANY, Washington, D. C.

President, Geo. T. Dearing; Secretary, L. Pierce Boteler. Organized, 1855.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to Pyh'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$321,114	\$12,091	\$308,808	\$27,385	\$43,979	\$9,939	\$9,087	\$27,705	\$46,730	\$9,939
1913	324,402	11,931	312,870	27,343	43,767	6,642	21,432	14,363	42,437	6,743
1912	322,938	11,758	309,252	27,447	44,357	9,410	29,535	14,228	53,173	8,237

ASSETS, Dec. 31, 1914.			LIABILITIES, Dec. 31, 1914.		
Real estate.....	\$65,929		Losses unpaid.....	\$214	
Mortgage loans.....	234,080		Unearned prem.....	12,091	
Bonds and stocks....	5,350				
Cash.....	12,036		Total liabilities....	\$12,306	
Interest and rents...	3,719		Surplus.....	308,808	
Total assets.....	\$321,114		Total.....	\$321,114	

REAL ESTATE OWNED: Consists of sub lot 38, square 250, northwest corner New York ave., 13th and H sta., N. W.,

office building; cost, \$63,126. A building at No. 3204 Cambridge pl., N. W. Washington, valued at cost \$2,888.

MORTGAGE LOANS: There are 103 loans aggregating \$234,080, amply protected by improved real estate situated in the District of Columbia. There is one loan of \$40,000 on 900-902 Pennsylvania ave., N. W., valued at \$65,000; the balance being mostly small, the largest amounting to \$12,000. There was no interest past due on December 31, last. Company holds \$214,924 of insurance on the buildings.

MUTUAL FIRE INSURANCE COMPANY OF ALBANY, Albany, N. Y.

President, George R. Meneely; Secretary, R. M. Johnston. Organized, 1836.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to Pyh'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$294,632	\$22,651	\$257,643	\$26,047	\$38,032	\$24,890		\$17,801	\$42,691	\$26,854
1913	284,245	15,329	267,231	15,626	27,052	3,673		11,581	15,254	4,399
1912	278,748	10,570	267,651	8,473	22,746	6,339		8,488	14,827	6,137

ASSETS, Dec. 21, 1914.			LIABILITIES, Dec. 31, 1914.		
Real estate.....	\$40,000		Losses unpaid.....	\$3,373	
Mortgage loans.....	3,000		Unearned prem.....	22,651	
Bonds and stocks....	236,521		Borrowed money....	10,000	
Cash.....	8,464		Other liabilities.....	965	
Agents' balances....	4,966				
Interest.....	1,631		Total liabilities....	\$26,989	
Other assets.....	50		Surplus.....	257,643	
Total assets.....	\$294,632		Total.....	\$294,632	

Net amount of members' liability, Dec. 31, \$61,206; underwriting cos, \$22,096; investment profit, \$12,508.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,139,505; premiums thereon, \$41,153.

REAL ESTATE OWNED: Consists of company's office building, 446 Broadway, Albany, a 5-story brick, stone front structure, which cost \$24,000, and which is carried at \$40,000.

MORTGAGE LOAN: The loan for \$3,000 is upon 339-341 Hudson ave., 246 Washington ave., and 91 Spring st., Albany, valued at \$17,400. The company holds \$8,650 of insurance on the mortgaged buildings.

BONDS AND STOCKS OWNED:			Par Value.	Market Value.
Bonds.				
N. Y. State hvy., 4%.....			\$5,000	\$5,100
Albany Cy. Wat. Sup., 4%.....			5,000	4,950
Alb. Cy., pub. imp., 4%.....			13,000	12,870
Ithaca Wat., 4%.....			3,000	3,030

BONDS AND STOCKS OWNED.—Cont.			Par Value.	Market Value.
Bonds.—Cont.				
N. Y. C., g. ex., 3½%.....			\$25,000	\$33,500
N. Y. C., mus., 3½%.....			10,000	9,900
N. Y. C., reg., 4%.....			30,000	29,700
White Plains pav., 4½%.....			5,000	5,100
C. & M. & St. P. gn. m., 4%.....			2,000	1,920
Gt. No., 1 r., 4½%.....			3,000	3,030
N. Y. C. g. d., 4%.....			23,000	20,244
N. Y. C. eq. tr., 4½%.....			3,000	2,970
N. Y. W. & B., 1 m., 4½%.....			5,000	3,500
So. Pac. eq. tr., 4½%.....			2,000	2,007
N. Y. Tl., 1 gn. m., 4½%.....			5,000	4,900

STOCKS.			Par Value.	Market Value.
Cayuga & Susq.....			1,830	3,563
Cin., Sand. & Clev.....			5,000	6,750
Clev. & Pitts.....			2,500	4,150
Ft. Wayne & Jackson, p.....			2,000	2,440
Ill. Cent. L. L.....			10,000	8,500
Kan. City, St. L. & C.....			5,000	5,100
Manhattan Ry.....			15,000	19,970
Morris & Essex.....			4,000	6,240
N. Y. L. & W.....			10,900	12,644
Pitts., Ft. Wayne & Chi.....			14,500	23,780
Rensselaer & Saratoga.....			5,000	9,000
Utica, Chen. & Susq. Val.....			800	1,088

Totals (book value, \$225,780)..... \$215,530 \$236,521

TERRITORY COVERED: N. Y. only.

MUTUAL FIRE INSURANCE CO. OF ST. CHARLES, St. Charles, Mo.

President, J. H. Bode; Secretary, Charles J. Daudt. Organized, 1860.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to Pyh'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$252,305	\$25,610	\$226,513	\$8,720	\$19,591	\$2,665		\$6,870	\$9,535	\$2,665
1913	242,763	25,990	215,711	9,736	19,740	9,201		7,389	16,590	8,798
1912	239,047	24,859	212,651	10,037	19,524	1,902		6,889	8,791	2,349

ASSETS, Dec. 31, 1914.			LIABILITIES, Dec. 31, 1914.		
Mortgage loans.....	\$171,435		Unearned prem.....	\$25,610	
Bonds.....	20,050		Other liabilities.....	1,182	
Time deposits.....	42,000				
Cash.....	12,838		Total liabilities....	\$26,792	
Interest.....	7,962		Surplus.....	226,513	
Total assets.....	\$252,305		Total.....	\$252,305	

Net amount of members' liability, Dec. 31, \$424,060.

Fire risks in force, December 31, \$2,605,453.

MORTGAGE LOANS: These loans aggregate \$171,435, and are first liens on improved real estate.

MUTUAL FIRE INSURANCE COMPANY OF WASHINGTON COUNTY, Hagerstown, Md.

President, Sam'l B. Loose; Secretary, Wm. H. Armstrong. Organized, 1845.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$175,073	\$16,347	\$156,807	\$12,688	\$20,485	\$10,106	\$1,867	\$12,165	\$24,140	\$11,637
1913	176,182	16,640	159,542	11,881	19,593	6,599	2,210	4,786	13,595	6,599
1912	177,306	16,003	161,303	11,739	19,358	5,433	435	6,682	12,551	5,433

ASSETS, DEC. 31, 1914: Real estate, \$17,000; mortgage loans, \$68,841; bonds and stocks, \$73,476; agents' balances, \$9,177; interest and rents, \$6,480; other assets, \$100; total, \$176,073. Liabilities, losses unpaid, \$1,529; unearned premiums, \$163,477; perp. dep. recd., \$390. Total liabilities, \$18,266. Fire risks in force, Dec. 31, 1914, \$3,751,083.

BONDS AND STOCKS OWNED: These items consist principally of bank stocks (\$21,833) and railroad bonds (\$51,643.)

REAL ESTATE OWNED: Consists of business houses situated in Hagerstown.

MUTUAL FIRE INSURANCE COMPANY, Pottstown, Pa.

President, G. N. Malsberger; Secretary, Henry D. Saylor. Organized 1843.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$25,684		\$25,649	\$1,109	\$2,155			\$292	\$292	\$292
1913	23,921		23,909	1,207	2,156	\$922		350	1,271	\$922
1912	23,037		23,037	1,210	2,109	15		350	365	15

ASSETS, DEC. 31, 1914: Mortgage loans, \$2,250; bonds and stocks, \$9,828; cash, \$13,006; total assets, \$25,684. Liabilities: Taxes, \$36.

Fire risks in force, December 31, \$702,943.

BONDS OWNED.

	Par Value.	Market Value.
American Pipe Mfg.	\$2,000	\$1,960
American Gas	2,000	1,997

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Hill School	\$1,000	\$1,006
Luzerne Co., Gas & Ed.	2,000	1,965
Illinois Central Pub. Co.	2,000	1,900
National Bk., Pottstown stk.	400	1,164
Totals (book value, \$9,828)	\$9,400	\$9,836

MUTUAL FIRE INSURANCE COMPANY OF CARROLL COUNTY, Westminster, Md.

President, Dr. J. J. Weaver, Jr.; Secretary, C. Gloyd Lynch. Organized, 1869.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$96,193		\$96,293	\$15,549	\$19,643	\$6,100		\$4,672	\$10,772	\$6,100
1913	85,288		84,388	15,463	19,496	10,294		4,113	14,407	10,296
1912	81,941		81,941	15,430	18,630	4,487		3,574	8,361	4,487

ASSETS, DEC. 31, 1914: Real estate, \$5,000; bonds and stocks, \$87,960; cash, \$3,213; total, \$96,193; liabilities, losses unpaid, \$2,900; borrowed money, \$4,000; total, \$6,900. Net amount of members' liability, Dec. 31, \$496,677. Fire risks in force, Dec. 31, 1914, \$5,406,855.

BONDS AND STOCKS OWNED: These items consist of well distributed railroad bonds and some national bank stock. The average amount invested in any one security is \$3,000.

REAL ESTATE OWNED: Consists of building and lot situated on East Main st., Westminster.

MUTUAL FIRE INSURANCE COMPANY OF CALVERT COUNTY, Prince Frederick, Md.

President, George W. Dowell; Secretary, Jno. B. Gray. Organized, 1866.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$37,580		\$37,580	\$1,209	\$5,612	\$1,217		\$3,945	\$5,263	\$1,217
1913	27,279		27,279	1,958	3,517	799		519	1,318	799
1912	24,587		24,587	1,938	2,814	1,593		584	2,177	1,598

† Maryland business.

ASSETS, DEC. 31, 1914: Mortgage loans, \$12,194; bonds and stocks, \$13,687; collateral loans, \$647; cash, \$350; interest and rents, \$702; total assets, \$37,580. No liabilities. Fire risks in force, December 31, \$562,860.

MUTUAL FIRE INSURANCE CO. OF CECIL COUNTY, Elkton, Md.

President, J. H. Steele; Secretary, J. M. Tucker. Organized, 1847.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$64,020		\$62,805	\$13,116	\$15,064	\$4,820		\$4,306	\$9,026	\$5,335
1913	\$57,990		57,142	12,344	14,141	6,664		4,016	10,680	5,939
1912	\$55,004		53,277	11,962	13,403	2,933		4,087	7,020	3,817

* Cash.

ASSETS, DEC. 31, 1914: Cash, \$64,002; agents' balances, \$20; total, \$64,020; liabilities: losses unpaid, \$692; incidentals, \$323; total, \$1,215. Net amount of members' liability, Dec. 31, \$255,438; fire risks in force Dec. 31, \$3,734,285.

MUTUAL FIRE INSURANCE CO. OF CHESTER COUNTY, Coatesville, Pa.

President, Marshall S. Way; Secretary, B. P. Cooper. Organized, 1840.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$358,770	\$133,681	\$156,174	\$188,519	\$199,544	\$125,009	.....	\$61,079	\$186,088	\$109,033
1913	315,944	125,214	163,560	180,340	190,633	129,501	.....	64,144	183,645	122,523
1912	312,153	110,294	174,690	166,376	177,387	117,966	.....	54,470	172,436	128,256

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$75,000	Losses unpaid.....	\$32,730
Mortgage loans.....	2,100	Unearned prems.....	133,681
Bonds and stocks.....	238,955	Borrowed money.....	30,000
Cash.....	6,652	Other liabilities.....	6,185
Agents' balances.....	27,890	Total liabilities.....	\$202,596
Interest and rents.....	8,173	Surplus.....	156,174
Total assets.....	\$358,770	Total.....	\$358,770

Fire risks in force, December 31, \$64,860,846.

REAL ESTATE OWNED: Consists of brick office building situated in Coatesville, Pa. Market value \$30,000.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Coatesville.....	\$21,000	\$21,000	
Swarthmore.....	1,500	1,500	
Northampton Heights.....	12,000	12,000	
Bangor.....	10,000	10,000	
Mt. Pa.....	8,200	8,200	
Narberth.....	8,000	8,000	
Darby.....	10,000	10,000	
Vandegriff.....	6,500	6,911	

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.		Par Value.	Market Value.
Logan Twp.....		\$10,000	\$10,000
Parkburg.....		3,000	2,955
Amer. Ry.....		5,000	4,721
Phila. & Read. R.R.....		25,000	24,581
Pa. R.R.....		5,000	4,281
Lehigh Valley R.R., 6%.....		8,000	8,000
Lehigh Valley R.R., 4%.....		5,000	4,671
Buf. Roch. & P. R.R.....		6,000	4,802
Lehigh Coal & Nav.....		5,000	4,843
Penn. Co., 4%.....		5,000	4,768
Phila. B. & Wash. R.R.....		5,000	5,000
L. S. & Mich. So. R.R.....		15,000	14,667
Lehigh & Wilkesbarre Coal.....		10,000	9,795
United Wat. & Lt.....		5,000	5,000
United Wat. & Lt., n.....		5,000	4,987
Mah. & Shenango R. & L.Co.....		5,000	4,925
Phila. Sub. Gas & El.....		10,000	9,200

STOCKS.

Phila. Tc. Co.....	2,000	3,305
Home Bldg. & Loan Ass.....	60,000	31,240
Totals (book value, \$230,231).....	\$270,200	\$238,955

MUTUAL INSURANCE CO. OF FREDERICK COUNTY, Frederick, Md.

President, A. C. McCardell; Secretary, O. C. Warehime. Organized, 1844.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$50,669	\$4,566	\$45,476	\$6,063	\$9,330	\$3,941	\$56	\$3,872	\$7,869	\$3,941
1913	39,309	4,882	34,181	4,979	8,038	3,932	.....	3,069	7,050	1,333
1912	38,523	2,975	31,940	4,649	7,779	926	51	3,241	4,215	3,535

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$22,000	Losses unpaid.....	\$345
Mortgage loans.....	5,500	Unearned prems.....	4,566
Bonds and stocks.....	21,418	Other liabilities.....	283
Cash.....	1,029	Total liabilities.....	\$5,193
Interest and rents.....	723	Surplus.....	45,476
Total assets.....	\$50,669	Total.....	\$50,669

Net amount of members' liability, Dec. 31, \$434,003.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,801,248; premiums thereon, \$6,063.

REAL ESTATE OWNED: Consists of company's home office building; book value, \$12,000, assessed value, \$22,000.

MORTGAGE LOANS: There are 2 loans, aggregating \$5,500, 1 for \$5,000 on 183 acres of land near Frederick, Md., and the other for \$500 on one brick dwelling in Frederick. Total value, \$13,800. The company holds \$6,000 of insurance on the buildings.

BONDS AND STOCKS OWNED:

		Par Value.	Market Value.
Maryland Electric.....		\$1,000	\$970
Norfolk Ry. & Lt.....		4,000	3,540
Fairmount & Clkg.....		3,000	2,970
Consolidated Coal.....		2,000	1,840
Va. Ry. & Power.....		2,000	1,800
Col. Ry. & Power.....		1,000	925
N. N. & O. Pt.....		1,000	985
Carolina Power & Lt.....		1,000	910
Pacific Gas & El.....		1,000	880
Elkhorn Fuel.....		1,500	1,398
Toledo, Te., 6%.....		1,000	1,000
Norfolk & Southern.....		1,000	920
Interborough R. T.....		1,000	980
Chicago Ry.....		1,000	960
Erie Equip.....		1,000	998

Totals (book value, \$21,887)..... \$23,500 \$21,415

TERRITORY COVERED: Md. only.

MUTUAL FIRE INSURANCE COMPANY OF GERMANTOWN AND VICINITY, Philadelphia, Pa.

President, Wm. H. Emhardt; Secretary and Treasurer, Chas. H. Weiss. Organized, 1843.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$1,519,250	\$345,363	\$1,168,693	\$20,357	\$76,283	\$17,284	.....	\$20,148	\$37,411	\$17,264
1913	1,477,400	328,723	1,121,312	20,974	94,927	15,025	.....	38,231	53,256	.....
1912	1,428,695	351,308	1,067,030	25,456	119,998	18,556	.....	35,956	43,512	13,466

Unearned premiums includes amount reclaimable on perpetual policies.

MUTUAL FIRE INS. CO. OF GERMANTOWN AND VICINITY, Philadelphia.—Cont.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$57,000	Losses unpaid.....	\$995
Mortgage loans.....	751,397	Unearned prems.....	27,119
Bonds and stocks.....	628,866	Perp. dep. recd.....	318,244
Cash.....	24,030	Scrip dividend.....	3,561
Agents' balances.....	2,771	Other liabilities.....	738
Interest and rents.....	22,215		
Other assets.....	33,071		
		Total liabilities.....	\$350,657
		Surplus.....	1,168,693
Total assets.....	\$1,519,350	Total.....	\$1,519,350

Underwriting profit, \$5,464; investment profit, \$41,885.

RISKS AND PREMIUMS: Fire risks in force, (except perpetuals), December 31, \$7,002,563; premiums thereon, \$49,610; perpetual fire risks, \$12,624,693; deposit premiums thereon, \$353,139.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,177,919; losses paid, \$598,128; dividends declared, scrip, \$36,377.

REAL ESTATE OWNED: Consists of company's home office building, costing \$63,500. Net income last year, \$446.

MORTGAGE LOANS: There are 223 loans aggregating \$751,392, and are protected by property situated in Philadelphia County, mortgages taken on a basis of 60% of a fair valuation. The loans range in amount from \$100 to \$10,000, the average being about \$2,500. There was \$2,507 of interest past due on December 31, last. No prior liens on properties.

BONDS AND STOCKS OWNED: These are mostly upon guaranteed municipal and railroad bonds; par and book value, \$1,414,147; market value, \$1,380,263.

MISCELLANEOUS: This company has never levied an assessment.

MANAGERS: H. B. Bruner, M. L. Finckel, Morris R. Bookius, John S. Smith, Joseph Fling, Charles H. Weim, Wm. J. Fling, Wm. H. Emhardt, Stewart A. Jellett, George P. Darrow, Marshall T. Farra, H. W. Fletcher, Wm. N. Topham, Fringle Borthwick.

FIELD MEN AND TERRITORY COVERED: George E. Wagner & Co., 411 Walnut st., Philadelphia. Company operates in the counties of Philadelphia, Montgomery and Bucks, Pa.

MUTUAL FIRE INSURANCE COMPANY OF KENT COUNTY, Chestertown, Md.

President, Thos. W. Eliason; Secretary, George B. Westcott. Organized, 1847.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$89,244		\$89,244	\$12,794	\$18,463	\$5,914		\$7,988	\$13,902	\$5,914
1913	85,466		84,565	12,629	16,038	6,000		8,164	14,164	6,000
1912	85,022		85,022	12,073	16,090	3,063	\$7,421	3,150	13,654	3,063

ASSETS, DEC. 31, 1914: Real estate owned, \$11,503; mortgage loans, \$1,350; bonds, \$71,460; cash, \$4,931; total, \$89,244. No liabilities. Net amount of members' liability Dec. 31, \$238,105. Fire risks in force, Dec. 31, \$2,073,775.

BONDS OWNED: Company has \$75,000 worth of well distributed railroad bonds, market value, \$67,460.

MUTUAL FIRE INSURANCE COMPANY IN HARFORD COUNTY, Belair, Md.

President, Richard Dallam; Secretary, George R. Cairnes. Organized, 1842.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914†	\$154,130	\$28,767	\$125,363	\$58,034	\$75,460	\$32,845		\$17,983	\$50,828	\$32,845
1913	139,439	24,204	115,235	62,892	63,195	37,006		19,000	56,006	37,006
1912	132,150	21,274	109,626	51,769	55,735	28,762		14,518	43,280	30,012

† November 30, 1914.

ASSETS, NOV. 30, 1914: Real estate, \$5,000; bonds and stocks, \$86,550; loans to bks. and bldg. assn. and county cfs., \$52,000; cash, \$9,400; interest and rents, \$871; total assets, \$154,130. Liabilities: Unearned prems., \$28,767.

Fire risks in force, November 30, \$14,192,124.

REAL ESTATE OWNED: Consists of company's home office building, corner of Pennsylvania ave. and Courtland st., Belair, valued at \$5,000.

BONDS AND STOCKS OWNED.		Par Value.	Market Value.
Harford Co. Court House, imp.....		\$4,000	\$4,000
State Road.....		25,000	25,000
Phila., Balt. & Wash. R. R. Bds.....		30,000	30,000
B. & O., Pitts., L. E. & W. Va. R. R. Bds.....		5,000	4,668
Ind. & Louis. Ry. Bds.....		5,000	4,687
Belair Wat. & Lt. Co., bds.....		7,000	7,000
Hazard Wharf Co.....		1,500	1,500
Baltimore Cy. stk., ec. house loan.....		10,000	10,000
Totals (book value, \$86,850).....		\$87,500	\$86,850

MUTUAL FIRE INSURANCE COMPANY OF LOUDOUN COUNTY, Waterford, Va.

President, Arthur W. Phillips; Secretary, A. L. Mc Gavook. Organized, 1849.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$73,809	.....	\$69,529	\$60,358	\$84,436	\$46,778	.....	\$15,054	\$61,832	\$49,778
1913	70,171	.....	62,432	60,838	63,766	45,372	.....	25,090	70,452	47,523
1912	76,938	.....	61,545	60,886	64,185	49,709	.....	14,950	64,659	45,908

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$3,300	Losses unpaid.....	\$300
Mortgage loans.....	4,000	Other liabilities.....	1,279
Bonds and stocks.....	56,930		
Cash.....	7,253	Total liabilities.....	\$4,280
Agents' balances.....	2,018	Surplus.....	69,529
Interest.....	308		
Total assets.....	\$73,809	Total.....	\$73,809

Fire risks in force, December 31, \$14,587,836.

REAL ESTATE OWNED: Company's home office building carried at cost; net rents received last year, \$50.

MORTGAGE LOANS: This amounts to \$4,000 and is protected by a farm property in Fauquier County.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Va. Centuries.....		\$28,500	\$23,940
Seaboard & Roanoke.....		2,000	2,085
Cambria & Clearfield.....		2,000	2,140
Ge., Car. & No.....		2,000	2,080
Buf. & Susq., eq.....		1,000	1,000
Slow Iron & Steel, 1 m., 1920, 6%.....		3,000	3,060
Personal bond.....		1,000	1,000
Stocks.			
Loudoun Nat. Bk.....		6,000	9,300
Peoples Nat. Bk.....		3,600	5,580
So. Ry., eq., tr., 1919, 5%.....		7,000	6,945
Can. Nor. Ry. Tr. ser. eq., 1916, 4%.....		5,000	4,975
Totals (book value, \$52,665).....		\$46,500	\$56,930

TERRITORY COVERED: Va. only.

MUTUAL FIRE INSURANCE COMPANY OF MONTGOMERY CO., Sandy Spring, Md.

President, E. P. Thomas; Secretary and Treasurer, Allan Farquhar. Organized, 1848.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$347,206	.....	\$342,962	\$61,766	\$77,000	\$73,035	.....	\$14,530	\$87,555	\$76,020
1913	378,188	.....	375,814	59,479	74,432	47,913	.....	14,927	62,740	48,974
1912	358,827	.....	354,969	62,835	75,927	41,131	.....	14,376	56,006	.....

ASSETS, DEC. 31, 1914: Real estate, \$7,000; bonds and stocks, \$329,160; cash, \$5,117; agents' balances, \$243; interest and rents, \$5,686; total assets, \$347,206. **Liabilities:** Losses unpaid, \$4,244.

Fire risks in force, December 31, \$17,322,962.

REAL ESTATE OWNED: About one acre in the village of Sandy Spring, with 2-story brick office building thereon.

BONDS OWNED.		Par Value.	Book Value.
U. S. Govt., 1925, 4%.....		\$14,000	\$14,000
State of Maryland, 1924-25, 3 1/2%.....		30,000	28,500
State of Maryland, 1926-27, 4%.....		22,000	22,000
State of Maryland, 1928, 4%.....		30,000	30,000
State of Maryland, 1929, 4%.....		10,000	9,900
Baltimore City, 1927, 3 1/2%.....		15,000	12,750
Baltimore City, 1928, 3 1/2%.....		7,500	6,750
Baltimore City, 1930, 3 1/2%.....		60,000	54,000
Baltimore City, 1936, 3 1/2%.....		10,000	9,000
Baltimore City, 1940, 3 1/2%.....		40,000	36,000
Baltimore City, 1954, 3 1/2%.....		5,000	4,500

BONDS OWNED.—Cont.		Par Value.	Book Value.
Baltimore City, 1980, 3 1/2%.....		\$15,000	\$12,750
Baltimore City, 1920-26, 4%.....		1,000	1,000
Baltimore City, 1961, 4%.....		7,000	6,650
Montgomery Co. Tnpk, 4%.....		8,500	8,500
Montgomery Co., high sc., 4%.....		9,000	9,000
Montgomery Co., 10 dia. rd., 4%.....		14,000	14,000
Montgomery Co., Dam. & Germ. sc., 4%.....		8,000	8,000
Montgomery Co., 5 rd., 4%.....		10,200	10,200
New York City, 1957, 4 1/2%.....		10,000	10,000
New Windsor, wat., 1948, 4%.....		5,000	5,000
Washington Tm., 1945, 3 1/2%.....		20,000	17,000
Fidelity & Deposit, Md., stk.....		5,500	14,850
Totals.....		\$356,700	\$344,350

FIELD MEN AND TERRITORY COVERED: Elgar L. Tschiffely, Rockville, Md., for Md. and D. C. Company operates in Md. and D. C.

MUTUAL FIRE INSURANCE COMPANY OF READING, Reading, Pa.

President, Chas. E. Leippe; Secretary, W. M. Deisher. Organized, 1870.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$43,228	.....	\$28,177	\$21,101	\$28,377	\$5,735	.....	\$21,943	\$37,678	\$5,815
1913	28,022	.....	25,451	30,877	42,939	13,514	.....	29,370	42,884	14,348
1912	32,622	.....	30,610	20,386	27,131	13,955	.....	21,043	30,448	14,730

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$40,000	Losses unpaid.....	\$2,651
Cash.....	530	Borrowed money....	12,400
Agents' balances.....	2,418		
Bills receivable.....	280	Total liabilities....	\$15,051
		Net surplus.....	28,177
Total assets.....	\$43,228	Total.....	\$43,228

Fire risks in force, December 31, \$5,393,835.

REAL ESTATE OWNED: Consists of 4-story office building and a tract of land. Total valuation \$91,000, subject to mortgages of \$51,000.

TERRITORY COVERED: Pa. only.

MUTUAL FIRE, MARINE AND INLAND INS. CO., Philadelphia, Pa.

President, J. B. Hutchinson; Secretary, Chas. N. Rambo. Organized, 1902.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$818,910	\$208,092	\$423,686	*\$359,704	\$399,073	*\$228,391	\$37,729	\$41,611	\$307,731	\$247,808
1913	737,102	190,293	393,422	332,139	359,783	233,402	32,662	36,175	272,239	223,295
1912	666,332	163,566	379,033	268,623	290,917	171,267	28,585	29,979	229,531	168,016

* Includes \$96,376 marine premiums and \$67,765 marine losses.

Assets, Dec. 31, 1914.

Bonds.....	\$627,028	Losses unpaid.....	\$104,904
Cash.....	65,187	Unearned prems.....	208,093
Agents' balances, uncoll. prems.....	119,808	Dividends unpaid.....	40,858
Interest and rents.....	6,887	Other liabilities.....	41,369
		Total liabilities.....	\$395,224
		Surplus.....	423,686
Total assets.....	\$818,910	Total.....	\$818,910

Net amount of members' liability, Dec. 31, \$2,489,839.

Underwriting profit, \$42,611; investment profit, \$28,474.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,104,598; premiums thereon, \$314,887; marine and inland risks in force, \$4,728,831; premiums thereon, \$108,842.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,265,643; losses paid, \$1,408,909; dividends declared, cash, \$179,117.

BONDS OWNED:

	Par Value.	Market Value.
All. Val. R.R., gn. m., 1942, 4%.....	\$50,000	\$47,375
R. & O. R.R., r. m., g., 1941, 4%.....	50,000	42,000
C. & O. Ry., gn. m., g., 1902, 4%.....	25,000	23,000
Lehigh Val. R.R., gn. m., g., 2003, 4%.....	25,000	21,625
N. & W. Ry., P.C. & C. 1 m. g., 1941, 4%.....	50,000	44,350
Pa. R.R., ca. m., 1948, 4%.....	50,000	49,375

BONDS OWNED.—Cont.

	Par Value.	Market Value.
P. B. & W. R.R., d., 1916-17, 4%.....	\$100,000	\$97,625
P. C., C. & St. L. Ry. ca. m., 1957, 4%.....	50,000	46,500
Reading Co., gn. m., 1907, 4%.....	102,000	95,658
N. Y. C., ep. ctf. c., 1962, 4%.....	40,000	39,600
N. Y. Cy., ep. stk., n., 1916, 6%.....	42,000	42,000
N. Y. C., rev., 1916, 6%.....	15,000	15,000
N. Y. Cy., rev., 1917, 6%.....	18,000	18,000
B. & O. R.R., eq. tr. ctf. c., 4%.....	27,000	26,370
N. & W. Ry. Div. 1 ln. & gn. m. g., 1944, 4%.....	10,000	8,750
N. Y. C. ep. stk. ctf. c., 1962, 4%.....	10,000	9,900
Totals.....	\$664,000	\$637,028

MISCELLANEOUS: The membership of this company is composed principally of railroad corporations, and various classes of fire, marine and transportation risks of such corporations are written. A reserve fund is maintained to provide against contingencies of exceptional losses. Conflagration loss, Baltimore, 1904, \$45,473.

DIRECTORS: Theodore N. Ely, Lincoln Godfrey, J. B. Hutchinson, L. E. Johnson, Wm. G. MacDowell, J. D. McCubbin, Jr., W. Heyward Myers, R. H. Newbern, N. P. Shortridge, Geo. M. Shriver, George Wood.

TERRITORY COVERED: Licensed in Pa. only. Transacts a general business.

MUTUAL PROTECTION FIRE INSURANCE CO., Charlestown, Mass.

President, William P. Hart; Secretary, Frank V. Noyes. Organized, 1861.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$89,625	\$33,541	\$45,415	\$21,705	\$27,504	\$26,281	\$5,885	\$20,457	\$52,623	\$26,013
1913	114,638	46,973	46,234	27,616	34,597	20,875	7,853	12,318	41,046	20,205
1912	141,800	64,785	38,780	52,857	60,403	27,009	12,915	28,074	62,998	26,617

Assets, Dec. 31, 1914.

Mortgage loans.....	\$3,000	Losses unpaid.....	\$2,843
Bonds and stocks.....	65,510	Unearned prems.....	33,541
Cash.....	17,328	Other liabilities.....	7,826
Agents' balances.....	3,277		
Interest.....	510	Total.....	\$44,210
		Surplus.....	45,415
Total.....	\$89,625	Total.....	\$89,625

Underwriting profit \$559; investment profit, \$4,329.

RISKS AND PREMIUMS: Fire risks in force Dec. 31, \$6,311,708; premiums thereon, \$82,175.

Business since 1878: Premiums received, \$708,099; losses paid, \$284,508; dividends declared, cash, \$205,109.

MORTGAGE LOANS: There are 12 loans aggregating \$24,059, protected by first liens on improved real estate in vicinity of Boston, valued at double the amount loaned. The company holds \$6,000 of fire insurance on the mortgage buildings. On December 31, last, there was no interest past due.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
Mass., reg.....	\$10,000	\$9,400
Mass., g. reg.....	7,000	5,880
Amer. Tl. & Tg. Co.....	7,000	6,230
N. Y., N. H. & H. R. R.....	3,000	2,040
N. Y., N. H. & H. R. R.....	400	424
Middletown, Conn.....	8,000	7,780
Waterbury, Conn.....	1,000	940
New York, N. Y.....	4,000	3,960
Amer. Tl. & Tg. Co.....	6,300	7,749
A. T. & S. Fe.....	500	515
N. Y., N. H. & H. R. R.....	1,300	715
N. Y., N. H. & H. R. R.....	400	220
Pa. R. R.....	11,600	12,876
N. Y. Central.....	2,500	2,260
Charlestown Gas & El. Co.....	1,350	4,551
Totals (book value, \$72,590).....	\$64,850	\$65,510

MUTUAL PROTECTION FIRE INSURANCE CO., Washington, D. C.

President, James B. Lambie, Secretary, Wm. A. Johnson. Organized, 1876.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$31,219	\$1,545	\$29,205	\$2,755	\$4,256	\$1,986	\$966	\$2,171	\$5,123	\$1,986
1913	31,624	1,636	29,980	2,944	4,354	167	1,009	2,167	3,343	167
1912	31,014	1,648	28,813	2,960	4,457	383	1,047	2,159	3,589	383

ASSETS, DEC. 31, 1914: Mortgage loans, \$28,775; cash, \$1,962; interest, \$462; total assets, \$31,219. Liabilities: Unearned prems., \$1,545; other liabilities, \$469; total liabilities, \$2,014.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,158,580; premiums thereon, \$3,101.

BUSINESS SINCE ORGANIZATION: Premiums received, \$158,724; losses paid, \$34,877; dividends declared, cash, \$33,866.

MORTGAGE LOANS: There are 19 loans, for \$28,775, all protected by improved real estate in District of Columbia, valued at more than double the amount loaned.

NARRAGANSETT MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.

President, W. S. Granger; Secretary, Alfred U. Eddy. Organized, 1896.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$176,882	\$87,068	\$67,255	\$199,063	\$206,087	\$7,611	\$135,048	\$16,361	\$159,015	\$7,604
1913	114,248	64,834	47,373	120,615	134,768	3,937	100,017	23,091	127,045	4,302
1912	118,087	57,774	55,755	112,501	119,649	9,485	96,485	13,763	119,753	9,701

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks...	\$149,885	Losses unpaid.....	\$900
Cash.....	20,291	Unearned prems.....	87,063
Agents' balances.....	5,711	Other liabilities.....	21,664
Interest.....	995		
		Total liabilities.....	\$109,627
		Surplus.....	67,255
Total assets.....	\$176,882	Total.....	\$176,882

Net amount of members' liability, Dec. 31, \$508,951; underwriting profit, \$150,852; investment profit, \$4,074.

RISKS AND PREMIUMS: Fire risks in force, December 31, 1913, \$33,561; premiums thereon, \$169,650.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,080,917; losses paid, \$254,634; dividends declared, cash, \$1,446,857.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Tampa, No. R.R., 1936, 5%.....		\$5,000	\$3,900
R. I. harb. imp.....		1,000	1,000
R. I. Q. H. Coast.....		2,000	1,840
Pawtucket, R. I. wat. wks.....		5,000	5,160
Poughkeepsie, N. Y., ss.....		40,000	42,840

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Burnaby, B. C.....		\$10,000	\$10,000
Evansville El. Ry.....		1,000	890

STOCKS.		Par Value.	Market Value.
Wells Fargo.....		2,000	2,325
Connecticut River Pow.....		5,000	4,750
Westminster Bk., Providence.....		7,750	12,920
Chi. & E. Ill. p.....		5,000	750
R. I. Inv.....		20,800	27,046
Amer. Tl. & Tg.....		10,000	12,800
Amer. Express.....		10,000	9,700
New England Pow., p.....		5,000	4,900
New England Pow., com.....		900	810
Gt. No.....		5,500	6,520
Pullman Co.....		1,000	1,550
Totals.....		\$126,650	\$149,885

DIRECTORS: W. S. Granger, E. H. Howard, S. M. Pimas, H. T. Grant, W. S. Hutchinson, A. B. Chace, J. Kilgour, A. U. Eddy, E. C. Bucklin, Jeffrey Davis, W. P. Chapin, C. R. Makepeace.

TERRITORY COVERED: The company operates in Mass., Mich., N. C., N. Y., R. I., S. C. and Wis.

NATIONAL HARDWARE DEALERS MUTUAL FIRE INSURANCE COMPANY, Huntingdon, Pa.

President, C. H. Miller; Secretary, W. P. Lewis. Organized, 1908.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$94,734	\$39,456	\$55,278	\$55,798	\$61,081	\$49,036	\$31,564	\$9,450	\$90,050	\$49,036
1913	99,453	35,676	63,777	51,287	62,395	42,473		9,705	52,178	42,473
1912	102,213	30,484	71,729	44,304	49,061	8,564		12,164	20,728	8,564

ASSETS, DEC. 31, 1914. Bonds and stocks, \$90,404; cash, \$1,801; agents' balances, \$1,368; other assets, \$1,161; total assets, \$94,734. **Liabilities:** Unearned prems., \$39,456.

Fire risks in force, December 31, \$4,985,938.

Losses paid since organization, \$181,163.

BONDS OWNED:		Market Value.
Chi., R. I. & Pac., 4%.....		
New York Cy., 4½%.....		\$3,913
Union Pac. 1 in. rebid, 4%.....		4,270
N. Y. Chi. & St. L. Ry., d., 4%.....		4,718
Va. Ry., ser. A, eq. n., 5%.....		4,250
Chi. Ry., 1 m., 25-yr., g., 5%.....		5,000
So. Pac. sv., 4%.....		4,925
Norfolk-So., 5%.....		4,288
Chi. Ry., ser. A, 5%.....		4,700
Chi., R. I. & Pac. Ry., 5%.....		4,650
		3,738

BONDS OWNED.—Cont.		Market Value.
So. Ry. Dev'm't & gn., 4%.....		
Va. Ry. & Pow., 1 r., 5%.....		\$3,662
Hilton-Dodge Lumber Co., 1, 6%.....		4,800
United Lt. & Ry., 1 & r., 5%.....		4,000
Deere Co., 7%.....		4,300
N. Y. Ry. Adj. Inc., 5%.....		4,700
Toledo Tl. & Pow., 6%.....		5,400
B. & O. E. sv., 4½%.....		5,000
United Pub. Util., g., 7%, com. p. stk.....		4,575
United Pub. Util. stk.....		4,850
Mesa Ry., 1 m., 5%.....		215
Total.....		\$90,404

DIRECTORS: W. P. Lewis, C. H. Miller, W. P. Bogardus, F. C. Moya, Sharon E. Jones.

NATIONAL MUTUAL ASSURANCE COMPANY, Philadelphia, Pa.

President, Frederick A. Downes Secretary, Wm. M. Burgess. Organized, 1901.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$130,122	\$84,680	\$63,044	\$112,507	\$117,639	\$9,680	\$95,044	\$11,171	\$115,895	\$11,235
1913	127,388	64,881	61,661	118,327	123,152	5,497	90,596	11,357	107,249	5,543
1912	114,547	58,636	54,341	109,460	113,104	8,149	85,787	12,002	105,988	8,332

NATIONAL MUTUAL ASSURANCE COMPANY, Philadelphia, Pa.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.		BONDS AND STOCKS OWNED.—Cont.		
Bonds and stocks	\$105,590	Losses unpaid	\$2,113	Bonds.—Cont.		
Cash	18,491	Unearned premiums	64,630	Buffalo & Susq. R.R., 1903, 4%	Par Value.	Market Value.
Agents' balances	4,389	Other liabilities	335	Greenbrier Ry., 1940, 4%	5,000	\$4,300
Interest	1,652	Total liabilities	\$67,078	L. I. R.R., 1949, 4%	5,000	4,400
		Surplus	63,044	Norfolk & W. Ry., 1944, 4%	5,000	4,550
		Total	\$130,122	Og. & Lake Champ. Ry., 1948, 4%	5,000	3,700
Total assets	\$130,122			Phil. Wil. & Balto. R.R., 1921, 4%	5,000	4,950
Net amount of members' liability, Dec. 31, \$637,280; underwriting profit, \$90,170; investment profit, \$6,257.				Rieh.-Wash. Co., 1943, 4%	5,000	4,750
RISKS AND PREMIUMS: Fire risks in force, December 31, \$13,622,791; premiums thereon, \$127,452.				St. Louis Swn. Ry., 1952, 5%	5,000	3,500
BUSINESS SINCE ORGANIZATION: Premiums received, \$995,188; losses paid, \$33,571; dividends declared, cash, \$714,290.				St. Louis Transit, 1924, 5%	5,000	3,400
BONDS AND STOCKS OWNED:				Wheeling & Lake Erie R.R., 1949, 4%	5,000	3,700
		Par Value.	Market Value.	Lehigh Valley Coal, 1933, 5%	5,000	5,350
Binghamton, N. Y., 1933, 4%	\$5,000	\$5,250		STOCKS.		
Jessy City, N. J., 1901, 4%	5,000	5,250		Buffalo & Susq. R.R., p.	1,500	450
Mt. Vernon, N. Y., 1953, 4%	10,000	10,600		Buffalo & Susq. R.R., com.	750	52
New York, N. Y., 1953, 4%	15,000	15,000		Totals (book value, \$114,401)	\$113,000	\$105,591
New York, State of, 1903, 4%	5,000	5,600		MISCELLANEOUS: This company, the Keystone, Mantona, Atlantic and the Southern States Mutual Fire Insurance Companies, are under the same management.		
Oshawa Co., N. Y., 1925, 5%	10,000	10,415		FIELD MEN AND TERRITORY COVERED: E. Herbert Jenks, Detroit, Mich.; Robert D. Shore, Winston-Salem, N. C. The company is licensed in Mich., N. C., N. Y., Pa., S. C. and Wis.		
Philadelphia, Pa., 1943, 4%	6,000	6,120				

NATIONAL MUTUAL CHURCH INSURANCE COMPANY, Chicago, Ill.

President, Nathaniel M. Jones; Secretary, Henry P. Magill. Organized, 1899.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$60,078	\$42,591	—\$7,958	\$109,272	\$111,779	\$49,063	\$38	\$53,087	\$102,158	\$67,518
1913	51,135	37,142	3,564	100,095	102,323	64,325	87	41,690	106,102	51,946
1912	54,376	36,472	—2,464	101,489	103,815	52,793	1,297	47,446	101,536	55,572

— Excess of liabilities.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$6,200	Losses unpaid.....	\$18,645
Bonds.....	40,761	Unearned premie.....	42,591
Cash.....	5,746	Other liabilities.....	6,801
Agents' balances.....	5,171		
Interest and rents.....	768	Total liabilities.....	\$68,037
Other assets.....	1,432	Excess of liab.....	7,959
Total assets.....	\$60,078	Total.....	\$60,078

Net amount of members' liability, Dec. 31, \$325,267; underwriting loss, \$14,700; investment profit, \$3,216.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$26,020,304; premiums thereon, \$85,182.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,663,301; losses paid, \$635,736; dividends declared, cash, \$65,203.

MORTGAGE LOANS: There are 5 loans aggregating \$6,200 on property valued at \$30,000, and on which the company has \$6,000 insurance. There was no interest past due on December 31, last.

BONDS OWNED.	
	Par Value.
Chi. Gas Lt. & Coke, 1 m., 5%.....	\$5,000
Consumers Gas, Chi., 1 m., 5%.....	5,000
Peoples Gas Lt. & Coke, Chi., 1 m., 5%.....	5,000
Commonwealth El. Co., Chi., 1 m., 5%.....	5,000
Mo., Edison El., St. L., 1 m., 5%.....	5,000
Pere Marquette R. R., 1 m., 4%.....	5,000
Des Moines Cy. Ry., 1 m. r., 5%.....	5,000
Mil. El. Ry. & Lt., r. ex. m., 4%.....	3,000
Lake Bluff, Ill., imp., 5%.....	1,100
Northwestern Gas L. & C., g. c. n., 5%.....	3,000
Total.....	\$42,100

MISCELLANEOUS: The company is licensed in Ill. only, but issues policies on property located in other States upon written application of ministers and church officials. Conflagration loss: San Francisco, 1906, \$2,500.

NATIONAL PETROLEUM MUTUAL FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, H. H. Willock; Secretary, Houston Dunn. Organized 1909.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$42,905	\$14,242	\$23,923	\$37,114	\$28,934	\$4,167	\$1,110	\$7,617	\$12,894	\$4,192
1913	45,401	12,966	16,154	29,063	29,954	22,992		8,534	31,526	18,168
1912	44,691	12,050	8,621	28,080	28,337	31,535	1,596	6,794	39,925	36,794
ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.		RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,395,451; premiums thereon, \$28,483.						
Bonds	\$26,681	Losses unpaid	\$25	BUSINESS SINCE ORGANIZATION: Premiums received, \$126,748; losses paid, \$77,620; dividends declared, cash, \$3,063.						
Cash	5,592	Unearned premiums	14,242	BONDS OWNED:						
Agents' balances	9,451	Other liabilities	4,715	Par Value.						
Interest and rents	377	Total liabilities	\$18,982	N. Y., N. H. & H. R. R.	\$2,000	\$1,460				
Other assets	784	Surplus	23,923	Consolidated Gas, Baltimore	1,000	950				
Total assets	\$42,905	Total	\$42,905	Chicago Ry.	1,000	950				
Underwriting profit, \$19,390; investment profit, \$164.				United Ry., Baltimore	1,000	825				

NATIONAL PETROLEUM MUTUAL FIRE INS. CO., Philadelphia, Pa.—Cont.

BONDS OWNED—Cont.			BONDS OWNED—Cont.		
	Par Value.	Market Value.		Par Value.	Market Value.
Reading Gn. & P. R.	\$1,000	\$950	Union Terminal, Dallas, Tex.	\$1,000	\$980
P. C. C. & St. L. R. R.	1,000	930	Georgia Ry. & Power	1,000	895
Seaboard Air Line	1,000	845	Consumers Power	2,000	1,822
B. & O. R. R.	1,000	935	New England Power	1,000	974
Atlantic Coast Line	1,000	935	Northumberland Co. Gas & El.	2,000	1,820
Canadian Northern Ry.	3,000	2,850	South Shore Gas & El.	1,000	965
Lehigh Coal & Nav., pow.	2,000	1,940			
Baltimore & Ohio R. R., eq.	1,000	1,005	Totals	\$29,000	\$26,681
Norfolk Southern R. R.	2,000	1,830			
Illinois Central R. R. eq.	1,000	1,000			
Georgia Ry. & Pow.	2,000	1,790			

TERRITORY COVERED: Pa. only.

NEBRASKA HARDWARE MUTUAL INSURANCE COMPANY,
Lincoln, Neb.

President, H. J. Hall; Secretary, Nathan Roberts.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$30,123	\$9,728	\$30,123	\$16,612	\$21,767	\$10,706	\$6,763	\$3,939	\$21,408	\$10,708
1913	23,808	5,342	14,935	16,727	23,668	11,690	5,182	3,856	20,428	11,890
1912	22,626	10,226	12,399	18,639	22,338	7,434	848	12,130	20,412	7,434

ASSETS, DEC. 31, 1914: Bonds and stocks, \$14,700; cash, \$7,261; interest and rents, \$375; other assets, \$7,787; total assets, \$30,123; no liabilities.

RISKS AND PREMIUMS: Fire risks in force December 31, \$1,938,317; premiums thereon, \$30,470.

BUSINESS SINCE ORGANIZATION: Premiums received, \$214,897; losses paid, \$114,885; dividends declared, cash, \$37,672.

TERRITORY COVERED: Neb. only.

NEBRASKA LUMBERMENS MUTUAL INSURANCE ASS'N, Lincoln, Neb.

President, Geo. W. Eggleston; Secretary, E. E. Hall. Organized, 1906.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$23,832	\$13,451	\$7,786	\$3,069	\$3,881	\$2,377	\$422	\$2,344	\$5,043	\$3,377
1913	19,798	12,642	6,554	5,928	6,428	1,601	416	2,133	4,149	1,601

ASSETS, DEC. 31, 1914: bonds and stocks, \$11,000; collateral loans, \$7,195; cash, \$2,370; other assets, \$2,267; total, \$23,833; liabilities, losses unpaid, \$602; perp. dep. recd., \$13,450; total, \$14,053.

RISKS AND PREMIUMS: Perpetual fire risks in force Dec. 31, \$1,300,500; deposit premiums thereon, \$13,451.

BUSINESS SINCE ORGANIZATION: Premiums received, \$56,477; losses paid, \$29,916.

NEW BRUNSWICK MUTUAL FIRE INSURANCE COMPANY,
New Brunswick, N. J.

President, W. E. Florance; Secretary, John W. Helm. Organized, 1846.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$121,306	\$2,534	\$118,772	\$1,579	\$6,749	\$35	.....	\$2,775	\$2,809	\$35
1913	119,763	2,563	117,190	1,551	6,518	59	561	2,117	2,737	59
1912	115,914	2,591	113,323	1,955	6,708	220	499	2,110	2,829	220

ASSETS, DEC. 31, 1914: Mortgage loans, \$36,200; bonds and stocks, \$74,030; cash, \$9,312; interest, \$1,764; total assets, \$121,306. Liabilities: Unearned prem., \$2,534.

MORTGAGE LOANS: There are loans aggregating \$36,200, protected by improved real estate in New Brunswick, valued at considerably more than double the amount loaned. Company holds ample fire insurance on the buildings.

NEW CASTLE COUNTY MUTUAL INSURANCE COMPANY,
Wilmington, Del.

President, M. M. Cleaver; Vice-President and Treasurer, S. G. Cleaver; Secretary, B. G. Strickland. Organized, 1850.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$176,999	.....	\$176,999	\$24,763	\$33,041	\$18,853	\$4,974	.....	\$23,827	.....
1913	167,267	.....	160,425	23,003	39,878	15,551	4,784	.....	20,335	\$3,562
1912	163,151	.....	163,151	22,705	35,993	14,488	4,827	.....	19,315	.....

‡ Losses and expenses.

ASSETS, DEC. 31, 1914: Corporation stocks, \$7,531; mortgage loans, \$49,750; corporation bonds, \$101,814; collateral loans, \$1,200; cash, \$2,343; Bk. & Tr. Co. stks., \$11,580; interest, \$2,781; total assets, \$176,999; no liabilities.

Net amount of members' liability, Dec. 31, \$499,404.

Fire risks in force, December 31, \$8,969,154.

Returned policyholders since organization, \$263,964.

MORTGAGE LOANS: Are protected by improved property in Wilmington, Del., valued at more than double the amount loaned.

BONDS AND STOCKS OWNED: These consist of corporation bond first mortgages amounting to \$101,814; corporation stocks, \$7,531; Delaware Bank and trusts stocks, \$11,580.

NEW DENMARK MUTUAL HOME FIRE INSURANCE COMPANY, New Denmark, Wis.

President, H. F. Buckmann; Secretary, P. Christensen. Organised, 1875.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$22,789	.....	\$22,879	\$9,414	\$10,379	\$11,935	.....	\$1,497	\$13,431	\$11,935
1913	25,762	.....	25,142	8,831	9,295	6,789	.....	1,273	7,062	5,789
1912	22,512	.....	22,512	8,187	8,987	11,741	.....	1,372	13,113	11,741

ASSETS, DEC. 31, 1914: Collateral loans, \$19,185; cash, \$2,522; other assets, \$1,083; total assets, \$22,789. No liabilities.

Fire risks in force, December 31, \$4,342,765.
Losses paid since organization, \$140,849.

NEW JERSEY ASSOCIATION, Crosswicks, N. J.

President, A. Satterthwaite; Secretary, S. T. Vanarsdale. Organised, 1823.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$41,167	\$4,854	\$36,027	.....	\$2,485	\$23	.....	\$244	\$367	\$23
1913	39,402	4,668	34,564	\$138	2,046	37	.....	378	415	37
1912	37,771	4,604	32,997	135	2,072	.....	.....	744	744	.....

ASSETS, DEC. 31, 1914: Mortgage loans, \$29,350; bonds and stocks, \$5,001; cash, \$6,240; interest, \$576; total assets, \$41,167. Liabilities: Unearned prems., \$4,854; other liabilities, \$186; total liabilities, \$5,040.

MORTGAGE LOANS: There are loans aggregating \$29,350 protected by real estate in Mercer and Burlington Cos., valued at more than double the amount loaned. There was no interest past due on December 31, last. Company holds ample fire insurance on the buildings.

NEW LONDON COUNTY MUTUAL FIRE INSURANCE COMPANY, Norwich, Conn.

President, H. H. Gallup; Secretary, W. F. Lester. Organised, 1840.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$308,908	\$121,464	\$183,742	\$92,387	\$105,313	\$59,808	.....	\$34,954	\$94,557	\$59,139
1913	298,075	113,454	179,386	82,247	96,537	53,806	.....	35,514	89,120	55,497
1912	297,019	110,318	184,975	82,182	94,077	47,526	.....	28,767	76,293	46,898

ASSETS, DEC. 31, 1914.

Real estate.....	\$35,000	Liabilities, DEC. 31, 1914.	Losses unpaid.....	\$2,702
Mortgage loans.....	4,000		Unearned prems.....	121,464
Bonds and stocks.....	212,367		Total Liabilities.....	\$125,166
Cash.....	42,294		Surplus.....	183,742
Agents' balances.....	13,429			
Interest and rents.....	818			
Total assets.....	\$308,908	Total.....		\$308,938

Underwriting loss, \$9,829; investment profit, \$14,136.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$23,607,750; premiums thereon, \$233,023.

REAL ESTATE OWNED: The company owns its new home office bldg. at 59-61 Broadway, valued at \$35,000.

MORTGAGE LOAN: There is one loan for \$4,000, fully protected by property valued at \$7,500. The company holds \$4,800 of insurance on the building.

BONDS AND STOCKS OWNED:

BONDS.	Par Value.	Market Value.
Atl. B. & Atl. R. R., 1935, 5%.....	\$10,000	\$2,500
Bristol, Conn., 1939, 4%.....	5,000	5,806
C. R. R., Ore., 1935, 6%.....	5,000	2,500
Day, Cor. & P. R. R., 1922, 5%.....	5,000	4,300
D. R. L. & W. R. R., 1916, 5%.....	5,000	4,850
Pt. Dodge & Des M. R. R., 1937, 5%.....	5,000	2,000
Ind. Col. & E. Tc., 1926, 5%.....	5,000	4,450
N. Lond. & E. Lyme St. Ry., 1935, 5%.....	5,000	4,750
N. Y., N. H. & H. R. R., 1948, 6%.....	1,700	1,109
St. Joe R. R., La., H. & Pow., 1937, 5%.....	5,000	4,850
Terre Haute Tc. & Lt., 1944, 5%.....	10,000	10,000

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
Tri Cy. R. R. & Lt., 1923, 5%.....	\$5,000	\$4,800
W. Penn. R. R., 1931, 5%.....	10,000	9,925
Wilkesbarre & Hazleton R. R., 1961, 5%.....	6,000	3,000
Balt. Unit. Ht. Lt. & Pow., 1929, 4%.....	5,000	4,650
Blackstone Val. Gas & El., 1937, 5%.....	5,000	5,000
Dallas Gas, 1925, 5%.....	5,000	4,450
Houghton El., 1927, 5%.....	10,000	9,500
Mich. State Tl., 1924, 5%.....	10,000	9,900
STOCKS.		
Ft. Wayne & Jackson R. R.,.....	1,000	1,200
Ill. Cent. R. R.,.....	5,000	5,637
Kal., All. & Gd. Rapids R. R.,.....	4,000	5,000
Kan. Cy., St. L. & Chi. R. R.,.....	2,000	1,800
N. Y., N. H. & H. R. R.,.....	10,000	6,525
Pa. R. R.,.....	11,000	12,210
Amer. Ex. Nat. Bk., N. Y.,.....	4,000	8,200
Bk. of America, N. Y.,.....	500	2,800
Corn. Ex. Bk., N. Y.,.....	3,000	9,450
Merchants Ex. Nat. Bk., N. Y.,.....	1,200	2,160
Nat. Bk. of Commerce, N. Y.,.....	1,300	2,164
Nat. Ft. Bk., N. Y.,.....	10,000	36,630
Thames Nat. Bk., Norwich,.....	12,500	20,800
Norwich Indust. Imp. Co.,.....	750	750
Totals (book value, \$195,189).....	\$190,750	\$213,267

FIELD MEN AND TERRITORY COVERED: Secretary acts as special agent and loss adjuster. The company operates in Conn. only.

NEW YORK CENTRAL MUTUAL FIRE INS. CO., Edmeston, N. Y.

President, C. T. Coats; Secretary, V. D. Robinson. Organized, 1899.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$34,936	\$24,171	\$9,791	\$38,165	\$39,072	\$22,635		\$12,861	\$35,496	
1913	31,479	20,854	10,625	32,131	32,889	16,075		11,473	27,548	
1912	27,097	20,068	7,039	30,578	31,624	24,952		10,282	35,234	\$23,052

ASSETS, Dec. 31, 1914.			LIABILITIES, Dec. 31, 1914.		
Mortgage loans.....	\$4,683		Losses unpaid.....	\$974	
Bonds.....	10,080		Unearned prems.....	24,171	
Cash.....	13,787				
Agents' balances....	5,784		Total Liabilities...	\$25,145	
Interest.....	314		Surplus.....	9,503	
Total assets.....	\$34,648		Total.....	\$34,648	

Fire risks in force, December 31, \$5,860,199.

MORTGAGE LOANS: These loans aggregate \$4,950, and are protected by village and farm property valued at \$10,700.

BONDS OWNED.		Par Value.	Market Value.
Danv., Urb. & C., 1923, 5%.....		\$1,000	\$980
Un. Tr., Kan., 1937, 5%.....		1,000	740
Deokerville, Mich., 1917, 5%.....		4,000	4,000
Chi., R. I. & Pac., 1934, 4%.....		2,000	1,440
Louis. & Nash. R. R., 1940, 4%.....		2,000	1,820
Carsonville, Mich., 1915, 6%.....		1,000	1,000
Totals (book value, \$10,841).....		\$11,030	\$10,080

MISCELLANEOUS: The law of 1900 allows co-operative companies seven years for the accumulation of reserve.

NEWBURYPORT MUTUAL FIRE INSURANCE CO., Newburyport, Mass.

President, Wm. R. Johnson; Secretary, Edward Osgood. Organized, 1839.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$47,112	\$4,137	\$42,870	\$3,685	\$6,389	\$583	\$3,718	\$1,422	\$5,722	\$574
1913	46,172	5,810	40,302	2,441	5,417	1,474	2,422	3,028	6,924	1,455
1912	49,568	6,878	42,622	4,114	6,939	222	4,075	1,114	5,411	222

ASSETS, Dec. 31, 1914.			LIABILITIES, Dec. 31, 1914.		
Mortgage loans....	\$900		Unearned prems.....	\$4,137	
Bonds and stocks....	40,893		Other liabilities.....	106	
Cash.....	4,780				
Interest and rents...	539		Total Liabilities...	\$4,243	
Total assets.....	\$47,112		Surplus.....	42,870	

Net amount of members' liability, Dec. 31, \$49,909.

RISKS AND PREMIUMS: Fire risks in force December 31, \$817,935; premiums thereon, \$12,477.

LOSSES PAID: since organization, \$20,110.

MORTGAGE LOANS: There is one loan for \$900 on dwelling house at Newburyport, Mass., valued at \$3,000. Company holds \$2,000 of insurance on the buildings.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Newport News, Va.....		\$2,000	\$1,840
Bangor & Aroostook.....		5,000	4,190
Boston & N. St. Ry., 1 m.....		2,000	1,760
Chi., B. & Q. gn. m.....		2,000	1,880
Cumberland, 1 gn. m.....		3,000	2,910
Wabash, eq.....		1,000	980
Amer. Tl. & Tg., col. tr.....		3,000	2,670

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
BONDS.—Cont.			
Mich. St. Tl.....		\$1,000	\$990
Minn. General El.....		1,000	1,000
N. E. Cotton Yarn.....		1,000	750
West. Tl. & Tg.....		3,000	2,910
West. El., Co.....		2,000	1,900
Stocks.			
Atch., T. & S. Fe.....		1,000	990
Atch., T. & S. Fe. p.....		100	103
Boston & Maine.....		2,400	840
Chi. Jet. Stk. Yds.....		500	535
Chi., Mil. & St. P.....		1,400	1,878
Chi., Mil. & St. P. c.....		400	396
N. Y. C. & H. R. R.....		1,800	1,170
Merchants Bk., N'port.....		2,000	3,700
Ocean Bk., N'port.....		1,550	2,077
Amer. Tl. & Tg.....		900	1,107
Mich. St. Tl., p.....		400	390
Riverbank Ct. Sec.....		2,100	1,050
U. S. Rubber, p.....		1,000	1,153
W. Un. Tg.....		1,400	825
West. E. & M.....		500	620
W. E. & M., c.....		450	330
Totals (book value, \$41,198).....		\$43,100	\$40,893

NEWPORT MUTUAL FIRE INSURANCE COMPANY, Newport, Ky.

President, Jas. E. McCracken; Secretary, C. W. Nagel. Organized, 1890.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$27,964	\$9,819	\$17,108	\$4,472	\$6,207	\$1,238		\$4,874	\$6,112	\$1,238
1913	27,776	9,528	18,247	4,032	5,751	509		4,497	5,006	509
1912	27,409	9,447	17,962	4,300	5,836	2,015		4,512	6,527	2,015

ASSETS, DEC. 31, 1914: Real estate, \$7,920; mortgage loans, \$1,700; bonds \$16,699; cash, \$1,332; agents' balances, \$313; total assets, \$27,964. Liabilities: Unearned prems., \$9,819.

Underwriting loss, \$96.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,565,026; premiums thereon, \$19,038.

BUSINESS SINCE ORGANIZATION: Premiums received, \$154,479; losses paid, \$44,307.

REAL ESTATE OWNED: Consists of home office building, at Newport, Ky. Rents received in 1914 were \$598; expenses were \$150.

MORTGAGE LOANS: Lien notes for \$1,700 on a piece of real estate sold by the company bearing 5% interest.

BONDS OWNED.		Par Value.	Market Value.
B. & N. Bg. Co.....		\$1,200	\$395
B. & N. Bg. Co.....		1,200	1,800
German Nat. Bk.....		2,000	3,200
Phoenix L. & B. Assn.....		5,000	1,480
Fid. B. S. & L. Assn.....		8,500	1,945
Home S. & L. Assn.....		4,750	3,850
Licking Val. B. A.....		3,000	1,645
Union Bg. Assn.....		1,200	1,000
Newport B. S. & L. Assn.....		1,250	1,000
Bg. Assn.....		1,000	1,000
Totals.....		\$29,100	\$16,699

NORFOLK MUTUAL FIRE INSURANCE COMPANY, Dedham, Mass.

President, James Y. Noyes; Secretary, Theodore T. Marsh. Organized, 1825.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$644,680	\$201,032	\$437,994	\$90,764	\$121,508	\$47,662	\$54,819	\$31,820	\$134,301	\$50,006
1913	654,208	196,413	454,961	93,008	122,868	26,464	56,672	29,477	112,608	26,313
1912	682,310	190,691	488,599	93,204	121,943	22,477	56,980	30,040	109,497	23,065

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$15,000	Losses unpaid.....	\$2,893
Mortgage loans.....	19,650	Unearned premiums.....	201,032
Bonds and stocks.....	594,724	Div. unpaid.....	1,430
Cash.....	8,798	Other liabilities.....	1,331
Agents' balances.....	3,873	Total liabilities.....	\$206,686
Interest and rents.....	7,635	Surplus.....	437,994
Total assets.....	\$644,680	Total.....	\$644,680

Net amount of members' liability, Dec. 31, \$394,608; underwriting profit, \$5,478; investment profit, \$32,747.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$26,053,938; premiums thereon, \$394,608.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,750,851; losses paid, \$1,331,664; dividends declared, cash, \$1,875,837.

REAL ESTATE OWNED: Consists of the company's home office building. Rents received last year, \$1,775; taxes and expenses, \$358.

MORTGAGE LOANS: There are 10 loans, aggregating \$19,650, protected by property valued at \$36,800, and on which the company holds \$23,400 of insurance. Loans are mainly on property situated in Dedham, Roxbury Dis., Quincy and Medway, Mass. There was no interest past due on December 31, last.

BONDS AND STOCKS OWNED.		Par Value.	Market Value.
BONDS.			
Boston, Mass., reg., 1921-3, 4%	\$15,000	\$14,850	
Chelsea, Mass., 1936, 4%	10,000	9,800	
Chicago, Ill., 1922, 4%	5,000	4,950	
Fall River, Mass., reg., 1929, 4%	2,000	1,980	
Lawrence, Mass., 1917, 4%	5,000	5,000	
Lynn, Mass., reg., 1926-9, 4%	19,000	18,810	
Newton, Mass., 1920-28, 4%	14,000	13,960	
New York Cy., reg., 1957, 4%	10,000	10,700	
North Andover, Mass., 1923, 4%	6,000	5,940	
San Francisco, Cal., 1936, 5%	10,000	10,400	
Thunton, Mass., reg., 1914-28, 4%	6,000	6,000	
Ateh., T. & S. Fe., gn. m., 1906, 4%	22,500	21,600	
Ateh., Top. & S. Fe., ad., 1905, 4%	12,000	10,560	
Bos. & Albany, reg., 1952, 3%	20,000	16,400	
Bos. & Albany, 1933, 4%	5,000	4,700	
Boston & Lowell, 1932, 4%	10,000	9,400	
Boston & Maine, 1942, 4%	14,000	8,960	

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.		Par Value.	Market Value.
Bos. & Maine, 1944, 4%	\$20,000	\$13,800	
Bos. & Prov., 1918, 4%	20,000	19,200	
Bos., R. B., & Lynn, reg., 1927, 4%	10,000	9,600	
Chi., B. & Q., reg., 1949, 4%	10,000	9,500	
Chi., M. & St. P., gn. m., 1989, 4%	10,000	9,600	
Concord & Montreal, 1 m., 1920, 4%	10,000	9,600	
Conn. & Pass. River, 1943, 4%	5,000	4,450	
Del. & Hud., 1 & r., m., 1943, 4%	8,000	7,840	
Dexter & Newport, 1917, 4%	6,000	5,820	
Fitchburg, 1927, 4%	20,000	18,200	
Fre. Elk., & Mo. Val., 1933, 6%	5,000	6,150	
Ill. Cen., St. L. Div., reg., 1951, 3%	5,000	4,100	
Maine Cen., 1923, 5%	5,000	4,950	
M., St. P. & S. Ste. M., 1 m., 1941, 4%	10,000	9,200	
N. Y. C. & H. R., 1909, 3%	10,000	7,800	
N. Y., N. H. & H., 1947, 4%	19,000	14,440	
New London & No., 1 m., 1940, 4%	10,000	8,300	
New Eng. and Tl. & Tg., col. tr., 1932, 5%	10,000	10,100	
No. Pac. & Gr. No., joint, 1921, 4%	22,000	21,340	
Norwich & Worcester, 1927, 4%	20,000	18,600	
Old Colony, reg., 1925-38, 4%	36,000	33,520	
Old Colony, reg., 1932, 3%	5,000	4,350	
Ore. Short Line, 1922, 6%	10,000	11,000	
Port. & Rumford Falls, 1926, 4%	10,000	9,200	
R. I. & Frisco Tm., 1 m., 1927, 5%	15,000	13,960	
Union Pac., 1 m., 1947, 4%	4,500	4,365	
Amer. Tl. & Tg., col. tr., 1929, 4%	14,000	12,460	
Portland, Ore., 1943, 4%	14,000	14,560	
Boston Elev. Ry., 1942, 5%	5,000	4,900	

STOCKS.

Ateh., Top. & S. Fe., com.....	10,000	9,900
Ateh., Top. & S. Fe., p.....	21,300	21,939
Bos. & Albany.....	12,500	23,500
Bos. & Lowell.....	7,500	12,000
Bos. & Providence.....	2,000	4,700
Old Colony.....	10,000	15,000
Union Pac.....	6,000	4,980
Dedham Wat.....	8,000	8,800

Totals (book value, \$617,844)..... \$611,300 \$594,724

TERRITORY COVERED: Mass. and Conn.

NORTH BRANCH MUTUAL FIRE INSURANCE COMPANY, North Branch, Minn.

President, C. O. Flodquist; Secretary, Chas. G. Gustafson. Organized, 1887.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$118,486		\$18,486	\$8,817	\$8,817	\$6,788	\$1	\$1,955	\$8,744	\$6,788
1913	118,413		18,413	7,110	7,849	5,466		1,945	7,411	5,466
1912	17,974		17,974		7,341	3,149		1,691	4,840	3,149

† Cash. Fire risks in force, December 31, \$5,565,510.

NORTHWESTERN MUTUAL FIRE ASSOCIATION, Seattle, Wash.

President, F. J. Martin; Secretary, M. D. L. Rhodes.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$434,067	\$236,927	\$107,842	\$666,891	\$698,009	\$251,327	\$221,019	\$197,849	\$670,195	\$260,932
1913	414,585	250,435	135,876	564,631	591,504	231,202	193,654	135,400	560,256	230,148
1912	377,203	222,783	131,539	534,992	557,650	148,737	174,217	143,077	466,031	160,145

NORTHWESTERN MUTUAL FIRE ASSOCIATION, Seattle, Wash.—Continued

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$15,089	Losses unpaid.....	\$24,513
Mortgage loans.....	58,500	Unearned prems.....	286,927
Bonds and stocks.....	172,458	Other liabilities.....	14,775
Cash.....	80,725		
Agents' balances.....	85,077	Total liabilities.....	\$326,215
Interest and rents.....	4,841	Surplus.....	107,842
Other assets.....	17,367		
Total assets.....	\$434,057	Total.....	\$434,067

Underwriting profit, \$179,651; investment profit, \$13,334.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$53,740,518; premiums thereon, \$573,286.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,967,352; losses paid, \$1,463,411; dividends declared, cash, \$1,039,857.

REAL ESTATE OWNED: The company owns a ²¹/₃₂ interest in the lot building and fixtures of the Washington Pulley Co., valued at \$15,089, located in Block 22 Ross Addition to city of Seattle.

MORTGAGE LOANS: There are 16 loans, aggregating \$58,500 on improved properties in Seattle, valued at \$138,000, and on which the company holds \$45,100 insurance. There was no interest past due on December 31, last.

BONDS AND STOCKS OWNED.		Par Value.	Market Value.
BONDS.			
Seattle, local imp., 1917, 6%.....		\$10,600	\$10,600
Bellingham, local imp., 1912, 7%.....		2,659	2,659
Aberdeen, local imp., 1917-18, 8%.....		5,700	5,700
Wash. Iron Wks., 1913, 6%.....		10,000	10,000
King Co., 1931, 4½%.....		10,000	10,109
King Co., waterway, 1923, 7%.....		15,000	15,825
No. Yakima, local imp., 1922, 7%.....		7,000	7,083
Seattle, local imp., 1922, 6%.....		5,000	5,034
King Co., Harbor, 1931, 4½%.....		50,000	50,000
Seattle Se. Dist., 1931, 5%.....		40,000	41,949

STOCKS.		Par Value.	Market Value.
Seattle Tr. & Title.....		9,000	12,600
Totals (book value, \$172,458).....		\$164,959	\$171,562

MISCELLANEOUS: Company operates on cash plan.

DIRECTORS: F. J. Martin, M. D. L. Rhodes, Corwin S. Shank, F. A. Ernst, J. H. Edwards.

TERRITORY COVERED: The company is licensed in Cal., Ida., Ill., Ind., Ore., Tex., Utah, Wash., Wis. and B.C.

NORWEGIAN MUTUAL FIRE INSURANCE COMPANY,
Cottonwood, Minn.

President, O. C. Wilson; Secretary, A. E. Anderson.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$25,160	.....	\$23,476	\$11,815	\$11,815	\$5,880	.....	\$2,754	\$8,634	\$5,880
1913	23,989	.....	22,285	12,626	12,626	11,506	.....	2,966	14,471	11,505

Fire risks in force, December 31, \$6,749,165. Net assets, Dec. 31, \$45,565.

OHIO FARMERS INSURANCE COMPANY, Leroy, O.

President, F. H. Hawley; Secretary, W. E. Haines. Organized, 1848.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'ys'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$3,419,466	\$2,066,826	\$1,084,760	\$1,654,339	\$1,805,499	\$968,063	.....	\$695,464	\$1,663,527	\$974,515
1913	3,268,545	2,013,726	1,016,343	1,721,117	1,854,678	989,509	.....	719,270	1,708,779	994,882
1912	3,107,687	1,766,752	1,129,983	1,410,610	1,525,700	710,667	.....	612,737	1,313,948	728,149

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$50,500	Losses unpaid.....	\$96,536
Mortgage loans.....	1,871,935	Unearned prems.....	2,066,826
Bonds and stocks.....	806,941	Emergency fund.....	125,000
Collateral loans.....	82,500	Other liabilities.....	46,345
Cash.....	267,439		
Agents' balances.....	283,281	Total liabilities.....	\$2,334,706
Interest.....	56,870	Surplus.....	1,084,760
Total assets.....	\$3,419,466	Total.....	\$3,419,466

Underwriting loss, \$15,660; investment profit, \$84,076.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$429,925,529; premiums thereon, \$4,023,951.

BUSINESS SINCE ORGANIZATION: Premiums received, \$31,218,824; losses paid, \$19,009,755.

REAL ESTATE OWNED: Comprises company's home office building, book value, \$35,500, and hotel property, book value, \$15,000.

REAL ESTATE OWNED: Comprises company's home office building, book value, \$35,500, and hotel property, book value, \$15,000.

MORTGAGE LOANS: There are 438 loans, aggregating \$1,871,935, on first-class real estate conservatively estimated and located in the most prosperous parts of Ohio, valued at \$5,475,483. They range in amount from \$300 to \$37,500. There was \$5,769 of interest past due on December 31, last. Company holds \$481,170 of insurance on the buildings.

COLLATERAL LOANS are as follows:		Market Value.	Amount Loaned.
Securities.			
1st Nat. Bk. Canton, O.....		\$20,000	\$10,000
Cleve. Swn. & Col. R.R.....		62,400	50,000
Nat. Bk. Lodi, O.....		2,850	2,600
McCoy Canning Co.....		4,000	2,500
1st Nat. Bk., Cleve.....		4,380	
Central Bk., Lorain, O.....		4,200	2,500
Rocky Riv. wat., lt. & pow.....		4,600	
Medina Creamery.....		4,000	5,000
Old Phoenix Nat. Bk., Medina, O.....		5,250	2,000
McCoy Canning Co., c.....		7,200	
McCoy Canning Co., p.....		4,000	6,000
Maginnis Realty Co.....		3,000	1,500
State Sav. Assn., Columbus, O.....		1,367	400
Totals.....		\$127,247	\$82,500

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Akron Sc., 1932, 4%.....		\$40,000	\$40,754
Bedford Sc., 1935, 4½%.....		17,000	17,906
Carrollton St. Imp., 1920, 4%.....		9,624	9,675
Cincinnati Gen'l St. Imp., 1929, 4%.....		14,000	14,399
Cincinnati Sr., 1949, 4%.....		7,000	7,339
Cleveland Sc., 1930-31, 4½%.....		125,000	127,265
Cleveland Sc., 1922, 4%.....		50,000	50,683
Cleve. Swn. Col. R.R., 1927, 5%.....		50,000	39,000
Cleve. Bg., 1942, 4½%.....		50,000	51,715

OHIO FARMERS INSURANCE COMPANY, Leroy, O.—Continued.

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
BONDS.—Cont.		
Cleve. City Hall, reg., 1921, 4%.....	\$10,000	\$10,122
Columbus St., 1937, 4%.....	50,000	51,525
Columbus St., 1930, 4%.....	1,000	1,023
Cuyahoga Co., C. H., 1928, 4%.....	20,000	20,432
Delaware, rd., 1919, 4%.....	28,914	29,694
Guilford Twp. Medina, rd., 1922-34, 4%.....	40,000	42,808
Medina Co., rd., 1918, 4%.....	25,000	25,092
Ripley Twp., Huron Co., 1923, 4%.....	12,000	12,542
Roseville St., 1924, 6%.....	2,000	2,309
So. Newburg pub. imp., 1915, 5%.....	2,500	2,524
Springfield Twp. Mahoning Co., 1929, 5%.....	20,000	22,480
Stephenville No. & So. Tex. Ry., 1940, 5%.....	25,000	22,500
Toledo City, 1925, 4%.....	5,000	5,089
Toledo Bg., 1927, 4%.....	100,000	102,040
Toledo St. Ext., 1928, 4%.....	9,000	9,194
U. S. Gov., reg., 1918, 3%.....	2,400	2,430
Wadsworth St. Imp., 1917, 4%.....	10,000	10,168
Wadsworth Twp. rd. imp., 1926, 8%.....	5,500	6,075
Wooster St., 1926-30, 4%.....	12,500	13,386
Wooster Ref., 1932, 4%.....	25,000	26,927
Wadsworth Township rd., 1926-27, 5%.....	3,000	3,424
Westfield Twp. sc., 1917, 4%.....	3,000	3,050

BONDS AND STOCKS OWNED.—Cont.	Par Value.	Market Value.
STOCKS.		
Cleve. & Pitta. R.R. Co. Betterment.....	\$25,000	\$23,250
Western Adj. & Insp. Co.....	100	100
Totals (book value, \$799,163).....	\$799,538	\$806,941

MISCELLANEOUS: Mutual company doing business on the stock or cash plan.

DIRECTORS: N. R. Chalfant, Lee Elliott, Thomas Ferriman, N. P. Nichols, F. H. Hawley, G. R. McConnell, W. E. Haines, N. S. Everhard, J. E. Waite.

FIELD MEN AND TERRITORY COVERED: S. B. LeSourd, Xenia, O.; W. T. Eaton, Columbus, O.; and I. R. Hendershott, Tiffin, O., adjusters and special agents for O. J. W. Coleman, Warsaw, Ind., State agent for Ind.; and C. L. Hecox, Chicago, Ill., general agents for Ill., Mich. and Wis.; E. K. Schults, Philadelphia, Pa., general agent for N. Y., N. J., eastern Pa. and Md.; Logue Bros. & Co., Pittsburgh, Pa., general agents for western Pa.; A. E. Webb, Indianapolis, Ind., and A. E. Loop, Warsaw, Ind., special agents for Ind.; C. L. Davis, Chicago, Ill., special agent for Ill. and Wis.; W. G. Wallace, Chicago, Ill., special agent for Mich.; T. W. Anderson, Syracuse, N. Y., special agent for N. Y. The company operates in Ill., Ind., Md., Mich., N. J., N. Y., O., Wis. and Pa.

OHIO GRAIN DEALERS MUTUAL FIRE INSURANCE ASSOCIATION
Columbus, O.

President, H. S. Grimes; Secretary, J. W. McCord. Organised, 1901.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$15,200		\$15,200	\$7,633	\$8,203	\$2,000		\$6,045	\$8,045	\$2,000
1913	113,718		13,718	13,206	14,204	1,873		5,106	6,979	1,873
1912	18,478		8,478	12,895	13,063	8,247		3,984	12,231	8,247

†Cash. Fire risks in force, December 31, \$1,144,150.

OHIO HARDWARE MUTUAL INSURANCE COMPANY, Coshocton, O.

President, J. P. Duffy; Secretary, G. M. Gray. Organised, 1902.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$44,976	\$21,461	\$18,953	\$42,520	\$44,383	\$27,322	\$8,970	\$11,205	\$47,497	\$27,871
1913	56,391	26,391	33,620	53,156	55,439	43,439	9,914	10,035	63,388	44,247
1912	56,411	20,579	32,641	42,444	43,963	15,579	8,883	8,617	37,080	20,544

ASSETS, Dec. 31, 1914.	LIABILITIES, Dec. 31, 1914.
Mortgage loans.....	\$750 Losses unpaid.....
Bonds.....	34,011 Unearned premis.....
Cash.....	6,488 Other liabilities.....
Agents' balances.....	3,178 Total liabilities.....
Interest and rents.....	549 Surplus.....
	Total.....
Total assets.....	\$44,976
	\$44,976

Net amount of contingent liability, Dec. 31, \$140,345.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,159,965; premiums thereon, \$42,923.

BUSINESS SINCE ORGANIZATION: Premiums received, \$319,456; losses paid, \$156,287; dividends declared, cash, \$60,204.

MORTGAGE LOANS: The company holds mortgages of \$750 on 2 loans valued at \$3,080. There is \$1,500 of insurance on the mortgaged buildings. On Dec. 31, last, there was no interest past due.

BONDS OWNED:	Book Value.	Market Value.
Coshocton, O., mun.....	\$6,200	\$6,588
Coshocton, O., so.....	4,000	4,188
Coshocton, O., st. imp.....	228	2,316
Girard, O., st. imp.....	3,000	3,000
Greenville, O., st. imp.....	1,042	1,043
Springfield, O., st. imp.....	4,381	4,456
Springfield, O., so.....	3,000	3,090
West Lafayette, O., mun.....	3,600	3,669
Roscoe, O., so.....	1,000	1,043
Fremont, O., r.....	1,500	1,508
Mt. Vernon, O., so.....	1,500	1,597
Riovero, O., st. imp.....	1,000	1,010
Youngstown st. pav.....	500	504
Total.....	\$33,303	\$34,011

TERRITORY COVERED: Ohio only.

OHIO MILLERS MUTUAL FIRE INSURANCE COMPANY, Canton, O.

President, A. Mennel; Secretary, Wm. H. Clark. Organised, 1886.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$899,831	\$204,497	\$650,999	\$362,189	\$397,091	\$261,953		\$73,602	\$335,555	\$281,709
1913	828,296	185,666	628,506	356,051	390,716	217,526		71,281	288,807	210,379
1912	725,247	176,967	511,098	400,200	432,404	214,737		60,621	275,358	215,096

OHIO MILLERS MUTUAL FIRE INSURANCE COMPANY, Canton, Ohio.—Cont.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$132,000	Losses unpaid.....	\$21,335
Bonds and stocks.....	426,296	Unearned prems.....	204,497
Collateral loans.....	18,800	Other liabilities.....	13,000
Cash.....	288,892		
Assets.....	23,843	Total liabilities.....	\$238,832
		Surplus.....	650,999
Total assets.....	\$889,831	Total.....	\$889,831

Net amount of members' liability, Dec. 31, \$2,394,424; underwriting loss, \$5,871; investment profit, \$28,364.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$30,012,104; premiums thereon, \$408,230.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,172,683; losses paid, \$2,805,520.

MORTGAGE LOANS: There are 3 loans aggregating \$132,000 on property in Canton, O., valued at \$425,000, on which the company holds \$256,000 of insurance. There was no interest past due on December 31, last.

COLLATERAL LOANS are as follows:

SECURITIES.		Market Value.	Amount Loaned.
Canton Stamping & Enameling.....		\$14,080	\$8,800
American Stove, St. Louis.....		18,000	10,000
Totals.....		\$32,080	\$18,800

BONDS AND STOCKS OWNED.

BONDS.		Par Value.	Market Value.
United States, Panama, 1961, 3%.....		\$50,000	\$50,000
Canton, O., m., 1931, 4%.....		36,000	36,000
Cincinnati, O., s. f., 1937, 3.65%.....		29,000	27,831
Cleveland, O., reg., 1945, 4%.....		25,000	25,000
Youngstown, O., 1920-22, 5%.....		21,000	21,000
Toledo, O., st. ext., 1928, 4%.....		20,000	20,000
Columbus, O., reg., 1922, 4%.....		20,000	20,000
Canton, O., wat. wks., 1930, 4.50%.....		10,000	10,000
Canton-Massillon el. ry., 1 m., 1920, 5%.....		10,000	9,000
STOCKS.		Par Value.	Market Value.
Little Miami R. R., gr.....		20,000	42,000
City National Bk., Canton.....		22,000	23,000
Cleveland-Pittsburg R. R., gr.....		15,000	24,457
Savings and Loan, Canton.....		20,000	20,000
Dayton & Mich. R. R., gr.....		9,000	17,720
J. H. McLain Co., Canton.....		20,000	16,000
Cin., San. & Cleve. R. R., p.....		8,750	12,968
Pitta., Youngstown & Asht. R.R., gr.....		7,500	12,825
Columbus & Xenia R. R., gr.....		5,500	11,000
Cincinnati, Tm. Ry.....		10,000	9,375
Canton Art Metal, 7% Canton.....		9,000	8,100

Totals (book value, \$426,296)..... \$367,750 \$426,296

DIRECTORS: Wm. H. Clark, J. F. T. Walker, Cyrus S. Coup, A. Mennel, M. L. Finnell.

FIELD MEN AND TERRITORY COVERED: General agents: Clarence E. Alexander, Canton, O.; C. H. Cole, Seattle, Wash.; H. M. Giles, Minneapolis, Minn.; Chas. H. Ridgeway, Kansas City, Mo. The company is licensed in Ill., Ind., Mich., Minn., Mo., N. D., O., Ore., Pa., S. D., Wash. and Wis.

OHIO MUTUAL INSURANCE COMPANY, Salem, O.

President, J. R. Vernon; Secretary, J. Ambler. Organized, 1876.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$184,785	\$16,544	\$163,726	\$70,927	\$77,808	\$24,492	\$3,572	\$25,544	\$53,808	\$26,492
1913	159,234	8,344	148,766	66,979	73,126	37,337	17	22,637	60,041	35,187
1912	147,188		143,002	53,168	59,560	36,802		20,978	57,780	33,678

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$8,000	Losses unpaid.....	\$2,850
Bonds and stocks.....	155,507	Unearned prems.....	16,544
Cash.....	12,809	Other liabilities.....	1,665
Agents' balances.....	6,788		
Interest and rents.....	1,681	Total liabilities.....	\$21,059
		Surplus.....	163,726
Total assets.....	\$184,785	Total.....	\$184,785

Net amount of members' liability, Dec. 31, \$497,800; underwriting profit, \$13,302; investment profit, \$5,547.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$7,054,319; premiums thereon, \$33,089.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,833,848; losses paid, \$1,101,464; dividends declared, cash, \$3,583.

REAL ESTATE OWNED: Consists of lot 23x197 feet, south side of East Main st., Salem, O., cost \$2,520, and 3-story brick building thereon built by company, cost \$4,464. Value of property considerably over cost. Net rents received, \$566.

BONDS AND STOCKS OWNED:

BONDS.		Par Value.
U. S. 4% reg.....		\$15,000
Akron, O.....		5,000
Canton, O.....		4,000
Columbiana Co.....		5,000
Cuyahoga Co., O.....		2,000
Cleveland, O., mun.....		14,000
Dayton, O., mun.....		3,000

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.		Par Value.
Columbus, O., mun.....		\$24,000
Putnam Co., O.....		10,000
Lucas Co., O.....		9,000
Springfield, O., mun.....		5,800
Salem, O., mun.....		17,746
Trumbull Co., O.....		5,000
New Phila., O., mun.....		5,000
Youngstown, O.....		5,000

STOCKS.

First Nat. Bk., Salem, O.....	5,000
Farmers Nat. Bk., Salem, O.....	900
Salem Pub., Salem, O., p.....	2,000
Clev. & Pitts. R.R., gr.....	15,000

Totals (market value, \$162,808)..... \$155,507

MISCELLANEOUS: To January 1st, 1913, this company levied an assessment annually September 1st, for the losses and expenses of the fiscal year ending on that date. The assessments were net, hence no dividends were paid, and there was no liability for unearned premiums. The company reorganized January 1st, 1913, on contingent liability basis, hence on new business thereafter collects one annual premium, in advance. Business written after January 1st, 1913, is subject to legal reserve and dividends. As all policies are for five-year term the premiums written in 1914, \$33,399, represent about two-fifths of the company's business.

DIRECTORS: J. R. Vernon, J. M. Woodruff, Hon. Henry Bohl, H. M. Silver, L. H. Brush, J. Ambler, D. B. McCune.

TERRITORY COVERED: Ohio and Ind.

OHIO RETAIL GROCERS MUTUAL FIRE INS. CO., Springfield, O.

President, E. G. Ahlley; Secretary, W. H. Cook. Organized, 1905.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$28,166	\$8,661	\$17,978	\$17,393	\$19,301	\$6,217	\$4,039	\$6,156	\$16,422	\$7,427
1913	25,318	8,611	16,630	17,248	18,889	14,520	3,842	6,115	23,477	13,552
1912	29,949	7,091	20,950	15,375	16,905	6,031	2,875	4,128	13,034	6,487

OHIO RETAIL GROCERS MUTUAL FIRE INS. CO., Springfield, O.—Continued.

ASSETS, DEC. 31, 1914: Cash, \$26,951; agents' balances, \$1,215; total assets, \$28,166. Liabilities: Losses unpaid, \$1,399; unearned prem., \$8,661; other liabilities, \$128; total liabilities, \$10,188.

Net amount of members' liability, Dec. 31, \$51,966.

Underwriting profit, \$4,487; investment profit, \$950.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,732,056; premiums thereon, \$17,322.

BUSINESS SINCE ORGANIZATION: Premiums received, \$108,483; losses paid, \$42,168; dividends declared, cash, \$19,108.

TERRITORY COVERED: Ohio only.

OHIO UNDERWRITERS MUTUAL INSURANCE CO., Van Wert, O.

President, C. A. L. Purmort; Secretary, C. M. Purmort. Organised, 1903.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$10,857	\$5,385	\$5,118	\$11,289	\$11,289	\$3,733	\$233	\$2,566	\$6,532	\$2,533
1913	5,966	3,040	1,441	5,836	10,980	7,573		8,099	15,672	7,573
1912	9,869	3,711	768	10,308	19,244	12,409	465	6,200	19,074	14,709

ASSETS, DEC. 31, 1914.

Cash.....	\$9,031	LIABILITIES, DEC. 31, 1914.	
Agents' balances.....	1,892	Losses unpaid.....	\$50
Other assets.....	134	Unearned prem.....	5,385
		Other liabilities.....	304

Total liabilities... \$5,739
Surplus..... 5,118

Total assets..... \$10,857 Total..... \$10,857

Net amount of members' liability, Dec. 31, \$52,310; underwriting profit, \$3,776; investment profit, \$133.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$828,867; premiums thereon, \$10,770.

BUSINESS SINCE ORGANIZATION: Premiums received, \$206,328; losses paid, \$118,098; dividends declared, cash, \$12,971.

MISCELLANEOUS: Assessment of \$8,510, levied upon contingent liability of policy holders, November 6, 1912, to cover deficit caused by excessive losses during the year.

FIELD MEN AND TERRITORY COVERED: G. A. Berger, Van Wert, O., special agent for O. Van Wert, O. Company operates in O. only.

OREGON FIRE RELIEF ASSOCIATION, McMinnville, Ore.

President, B. F. Rhodes; Secretary, W. C. Hagerty. Organised, 1894.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$371,376	\$101,735	\$159,309	\$180,751	\$174,183	\$108,500		\$54,962	\$158,462	\$111,725
1913	258,281	92,462	163,773	151,000	164,446	100,731		49,533	150,264	98,063
1912	245,047	93,222	148,825	150,715	160,700	111,028		43,672	159,698	109,464

ASSETS, DEC. 31, 1914.

Real estate.....	\$15,000	LIABILITIES, DEC. 31, 1914.	
Bonds.....	233,169	Losses unpaid.....	\$10,075
Cash.....	10,462	Unearned prem.....	101,735
Agents' balances.....	2,747	Other liabilities.....	357
Other assets.....	10,000	Total liabilities...	\$112,167
		Surplus.....	159,309

Total assets..... \$271,376 Total..... \$271,376

Fire risks in force, December 31, \$41,597,679.

REAL ESTATE OWNED: Consists of east 31 ft. lot 1, block original town of McMinnville, Ore.; market value, \$17,000; carried at book value.

BONDS OWNED:

	Par Value.
Benton Co., sc., 6%.....	\$2,000
Corvallis, 5%.....	5,000
Clackamas Co., sc., 5½%.....	8,000
Clackamas Co., sc., 6%.....	6,000
Astoria, 6%.....	5,000
Clatsop Co. Hwy., 5%.....	1,000
Clatsop Co., sc., 6%.....	2,000
Clatsop Co., sc., 5%.....	8,000
Coos Co., sc., 10, 5½%.....	3,000
Coos Co., sc., 5%.....	7,000
Columbia Co., sc., 5½%.....	5,000
Columbia Highway, 5%.....	1,000
Myrtle Point, 5½%.....	2,500
Crook Co., sc., 6%.....	3,000
Douglas Co., Roseburg, 4½%.....	1,000
Gilliam Co., sc., 8%.....	5,000
Hood River Co., sc., 5½%.....	5,000
Josephine Co., sc., 5%.....	5,000
Josephine Co., 6%.....	19
Medford, 5%.....	5,000
Jacksonville, 6%.....	2,500
Jackson Co., sc., 5%.....	5,000
Jackson Co. Hwy. br., 5%.....	1,000
Eugene, 6%.....	2,000
Lane Co., sc., 5%.....	3,000
Lane Co., sc., 6%.....	5,000
Cottage Grove, 5%.....	1,000
Linn Co., sc., 6%.....	4,600

BONDS OWNED.—Cont.

	Par Value.
Linn Co., sc., 5%.....	\$3,000
Albany, 6%.....	3,000
Salem, 6%.....	5,000
Silverton, 6%.....	3,000
Ontario, 6%.....	2,500
Morrow Co., sc., 5½%.....	3,000
Portland, imp., 6%.....	6,000
Gresham, 6%.....	3,000
St. Johns, 6%.....	2,000
Linnton, 5½%.....	5,000
Polk Co., sc., 5½%.....	7,000
Polk Co., sc., 5½%.....	3,000
Monmouth, 6%.....	5,500
Polk Co., sc., 6%.....	3,000
Sherman Co., Wasco, 6%.....	500
Tillamook Co., sc., 6%.....	2,500
Athens, 6%.....	4,500
Umatilla Co., sc., 5%.....	3,000
Umatilla Co., sc., 6%.....	2,500
Pendleton Imp., 6%.....	3,000
Union Co., sc., 5%.....	5,000
Beaverton, 6%.....	3,000
Walla, 6%.....	2,000
Dufur, 6%.....	2,500
Dayton, 5%.....	1,500
Sheridan, 5%.....	4,000
McMinnville, 5%.....	6,700
Lafayette, 6%.....	1,500
Yamhill Co., sc., 5%.....	13,100
Yamhill Co., sc., 4½%.....	2,500
Yamhill Co., 6%.....	2,750
Dayton, 6%.....	2,000
Union Lodge No. 43, A. F. & A. M., 6%.....	5,000
McMinnville, 6%.....	3,000
Spokane Co., sc., 5½%.....	4,000
Benton Co., sc., 5%.....	500
U. S. Government, 3%.....	500
Total.....	\$233,169

FIELD MEN AND TERRITORY COVERED: D. T. Aubrey, Oakland, Cal., special agent for Cal. The company operates in Cal. & Ore.

OTSEGO MUTUAL FIRE INSURANCE COMPANY, Burlington Flats, N. Y.

President, J. D. Fitch; Secretary, E. W. Wright. Organized, 1897.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$34,024	\$26,204	\$5,552	\$40,990	\$42,119	\$28,722		\$13,652	\$42,374	
1913	34,561	22,690	10,681	33,759	35,089	19,956		12,459	32,415	
1912	33,297	20,129	12,518	32,123	33,070	19,189		10,564	29,753	

ASSETS, Dec. 31, 1914.			LIABILITIES, Dec. 31, 1914.		
Mortgage loans.....	\$8,700		Losses unpaid.....	\$2,268	
Bonds and stocks.....	12,333		Unearned prem.....	26,204	
Cash.....	7,767				
Agents' balances.....	5,002		Total liabilities.....	\$28,472	
Interest.....	225		Surplus.....	5,552	
Other assets.....	7				
Total assets.....	\$34,024		Total.....	\$34,024	

RISKS AND PREMIUMS: Fire risks in force December 31, \$6,231,125; premiums thereon \$44,873.

MORTGAGE LOANS: There are 5 loans ranging from \$500 to \$3,000 on Otsego and Sullivan County property, valued at \$21,900.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Union Pac., 1947, 4%.....	\$3,000	\$2,910
N. Y. O. & W., 1992, 4%.....	4,000	3,320
Del. & Hud., 1943, 4%.....	2,000	1,960
West Sh. Ry., 2361, 4%.....	2,000	1,860

STOCKS.

	Par Value.	Market Value.
Adams Express.....	100	700
U. S. Express.....	100	465
Amer. Express.....	100	93
Wells Fargo Express.....	100	5
Ed. & Wm. Tl.....		
Totals (book value, \$15,106).....	\$11,300	\$12,333

MISCELLANEOUS: The law of 1910 allows co-operative companies seven years to gradually accumulate a reserve.

PAINT TRADE MUTUAL FIRE INSURANCE CO., Philadelphia, Pa.

President, M. S. Clapp; Secretary, Houston Dunn. Organized, 1911.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$29,457	\$11,415	\$15,527	\$23,192	\$24,142	\$10,461	\$344	\$4,356	\$17,061	\$10,803
1913	26,427	10,896	11,480	21,333	22,154	15,635	1,103	8,064	24,852	15,685
1912	25,838	9,172	15,535	18,346	18,859	3,573	910	5,291	9,511	3,573

ASSETS, Dec. 31, 1914.			LIABILITIES, Dec. 31, 1914.		
Bonds.....	\$18,100		Losses unpaid.....	\$341	
Cash.....	5,527		Unearned prem.....	11,415	
Agents' balances.....	5,606		Other liabilities.....	2,174	
Interest and rents.....	224				
			Total liabilities.....	\$13,930	
			Surplus.....	15,527	
Total assets.....	\$29,457		Total.....	\$29,457	

Underwriting profit, \$4,465; investment profit, \$535.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,823,712; premiums thereon, \$22,829.

BUSINESS SINCE ORGANIZATION: Premiums received, \$72,654; losses paid, \$32,658; dividends declared, cash, \$2,970.

BONDS OWNED:

	Par Value.	Market Value.
Canadian No. Ry. Eq.....	\$1,000	\$930
Nashville Gas & Heating Co.....	1,000	1,025

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Monongahela Val. Tc. 1 s. g.....	\$1,000	\$925
Balto. & Ohio, 1 g.....	1,000	935
Reading, Phila. & Read. Coal & Iron gn.	2,000	1,900
Standard Gas & El. Co., s. f.....	1,000	833
Jamestown, Franklin & Clearfield, 1 g.....	2,000	1,800
West Pa. Tc.....	1,000	840
N. Y. Cent. eq. tr., 1912.....	1,000	995
Chester Co. Gas & El., 1 c. g.....	1,000	935
Ill. Cent. R.R., eq.....	2,000	2,010
Pa. R.R., c.....	1,000	965
Chas. Gas & El.....	2,000	1,930
Canadian Northern.....	2,000	1,958
Totals (book value, \$18,482).....	\$19,000	\$18,100

MISCELLANEOUS: The company began business in January, 1911, and paid 8% dividends to policyholders in that year. Has no agents, and is licensed only in Pennsylvania. Writes business in other States from home office.

PAPER MILL MUTUAL INSURANCE COMPANY, Boston, Mass.

President, R. W. Toppan; Secretary, D. W. Lane. Organized, 1886.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$175,414	\$119,855	\$53,703	\$119,715	\$129,504	\$78,298	\$82,834	\$18,323	\$179,455	\$78,396
1913	224,343	132,632	89,875	149,697	158,781	31,548	116,851	19,195	167,594	31,986
1912	240,475	118,042	119,155	191,349	200,567	7,109	170,125	17,075	194,309	7,509

ASSETS, Dec. 31, 1914.			LIABILITIES, Dec. 31, 1914.		
Bonds.....	\$163,740		Losses unpaid.....	\$1,150	
Cash.....	4,485		Unearned prem.....	119,855	
Agents' balances.....	4,619		Other liabilities.....	706	
Interest.....	2,570				
			Total liabilities.....	\$121,711	
			Surplus.....	53,703	
Total assets.....	\$175,414		Total.....	\$175,414	

Net amount of members' liability, Dec. 31, \$1,203,319; underwriting profit, \$35,856; investment profit, \$10,806.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$33,002,324; premiums thereon, \$240,664.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,774,116; losses paid, \$284,461; dividends declared, \$2,189,668.

BONDS OWNED:

	Par Value.	Market Value.
Boston, Mass., 1932, 3 1/2%.....	\$5,000	\$4,650
Boston, Mass., 1933, 3 1/2%.....	10,000	9,300
N. Y. C., 1907, 4 1/2%.....	5,000	5,250
N. Y. C., 1900, 4 1/2%.....	20,000	20,600
N. Y. C., 1902, 4 1/2%.....	5,000	5,150
N. Y. State, 1901, 4%.....	5,000	5,100
Boston Elevated Ry., 1935, 4%.....	20,000	17,200
B. & M. R.R., 1944, 4 1/2%.....	5,000	3,450
B. & M. R.R., 1926, 4%.....	5,000	2,850
Chi. Jc. & Un. Stk. Yds., 1940, 4%.....	5,000	4,050
Chi. Jc. & Un. Stk. Yds., 1915, 5%.....	5,000	5,000
Chi. B. & Q. (Ill. div.), 1949, 4%.....	5,000	4,750
Chi., B. & Q. gn. m., 1958, 4%.....	10,000	9,400
Chi. & Nwn., 1921, 5%.....	5,000	5,100
Cin. & Sand. & Cleve., 1928, 5%.....	5,000	5,050

PAPER MILL MUTUAL INSURANCE COMPANY, Boston, Mass.—Continued.

BONDS OWNED.—Cont.			BONDS OWNED.—Cont.		
	Par Value.	Market Value.		Par Value.	Market Value.
Del. & Hud., 1943, 4%.....	\$5,000	\$4,900	Mass. Gas, 1929, 4½%.....	\$5,000	\$4,800
Galv. & Houa. El. Ry., 1964, 5%.....	1,000	960	Western El., 1922, 5%.....	4,000	4,080
Me. Central, 1923, 5%.....	5,000	4,950			
N. Y. C. & H. R., col., 1908, 3½%.....	5,000	3,900	Totals (book value, \$173,304).....	\$175,000	\$163,740
N. Y. C., eq., 1919, 5%.....	5,000	5,100			
N. Y. N. H. & H. P. C. Div., 1954, 4%.....	5,000	4,500			
West End St., 1932, 4%.....	15,000	13,650			
Amer. Tl. & Tg., 1929, 4%.....	10,000	8,900			

TERRITORY COVERED: Company is licensed in Me., Mass., Mich., N. H., N. Y., O., R. I., S. C. and Wis.

PATRONS MUTUAL FIRE INSURANCE COMPANY, Hartford, Conn.

President, Henry E. Loomis; Secretary, Henry C. Dunham. Organized, 1888.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$14,178	\$4,780	\$9,448	\$3,306	\$3,879	\$3,006		\$590	\$3,596	\$3,006
1913	13,944	4,758	9,186	2,953	3,631	5,603		625	6,233	5,603
1912	16,688	5,068	11,620	3,259	3,839	2,527		672	2,199	2,527

ASSETS, DEC. 31, 1914: Cash, \$13,723; agents' balances, \$261; interest and rents, \$194; total assets, \$14,178. Liabilities: Unearned premium, \$4,780.

Underwriting profit, \$3,353.

RISKS AND PREMIUMS: Fire risks in force, December 31 \$1,026,396; premiums thereon, \$10,231.

BUSINESS SINCE ORGANIZATION: Premiums received, \$122,181; losses paid, \$98,934.

PATRONS OF HUSBANDRY FIRE RELIEF ASSOCIATION OF ULSTER COUNTY, N. Y., Newburgh, N. Y.

President, F. W. Vail; Secretary, W. T. Snider. Organized 1902.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$5,060	Losses unpaid.....	\$4,948
Cash.....	11,961	Unearned premium.....	16,633
Agents' balances.....	753	Other liabilities.....	200
Interest.....	180		
		Total liabilities.....	\$21,781
Total assets.....	\$17,944	Total.....	\$31,781

RISKS AND PREMIUMS: Fire risks in force December 31, \$4,008,353; premiums thereon, \$39,846.

BUSINESS IN 1914: Premiums, \$15,653; total income, \$16,190; losses, \$6,368; other disbursements, \$3,878; total expenditures, \$10,241.

MORTGAGE LOANS: Five loans of \$300 to \$2,000 each and aggregating \$5,060, are secured by Orange County, N. Y., properties valued at \$25,000.

PAWTUCKET MUTUAL FIRE INSURANCE COMPANY, Pawtucket, R. I.

President, A. A. Mann; Secretary, Frank Bishop. Organized, 1848.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$529,609	\$238,556	\$234,948	\$186,863	\$207,602	\$103,340	\$48,368	\$58,347	\$210,055	\$95,332
1913	525,804	263,521	249,082	174,302	195,537	66,539	45,061	52,839	164,459	66,408
1912	518,563	249,138	258,306	155,037	187,331	69,746	42,520	52,043	164,309	73,115

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$44,640	Losses unpaid.....	\$1,782
Mortgage loans.....	42,750	Unearned premium.....	238,556
Bonds and stocks.....	373,724	Other liabilities.....	4,323
Cash.....	47,023		
Agents' balances.....	18,606	Total liabilities.....	\$294,661
Interest and rents.....	3,776	Surplus.....	234,948
Total assets.....	\$529,609	Total.....	\$529,609

Net amount of members' liability, Dec. 31, \$547,532; underwriting profit, \$3,619; investment profit, \$26,844.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$40,490,178; premiums thereon, \$547,532.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,150,965; losses paid, \$1,252,521; dividends declared, cash, \$754,691.

REAL ESTATE OWNED: Consists of company's office building, including lot, at 25 Maple st., which cost \$30,444.

MORTGAGE LOANS: There are loans aggregating \$42,750, all of which are protected by city dwellings in Pawtucket, Valley Falls, Providence and Central Falls and the Masonic Temple, Pawtucket, valued at \$109,560. No interest past due on December 31, last. The company holds \$32,600 of insurance on the buildings.

BONDS AND STOCKS OWNED:			Par Value.	Market Value.
BONDS.				
Pawtucket, 1923-34, 4%.....			\$16,000	\$15,740
Pawtucket, 1932, 4½%.....			10,000	10,400
R. I. Sub. Ry.....			20,000	16,800
R. I. State, 1936-55, 3-3½%.....			250,000	222,980

BONDS AND STOCKS OWNED.—Cont.			Par Value.	Market Value.
STOCKS.				
Sierra & San Fran. Power.....			\$5,000	\$4,500
United To. & El.....			10,000	10,000
Pawtucket El., 1938, 5%.....			16,000	15,680
Amer. Tl. & Tg., 1929, 4%.....			15,000	13,350
C. M. & St. P., cv., 1932, 4½%.....			1,100	1,122
United El., N. J., 1949, 4%.....			5,000	4,050
San Diego Co., G. & El., 1939, 5%.....			5,000	4,700
So. Cal., Edison, 1939, 5%.....			5,000	4,700

STOCKS.			Par Value.	Market Value.
Chi., Mil. & St. P.....			5,000	4,950
Chi. & Nwn.....			5,000	6,650
N. Y., Lacka. & W.....			5,000	5,800
No. Pac.....			4,000	4,440
Penn. R. R.....			24,200	26,862

Totals (book value, \$412,082)..... \$410,300 \$372,724

MISCELLANEOUS: Conflagration loss: Chelsea, 1908, \$11,500.

DIRECTORS: Frederic W. Easton, J. Milton Payne, Benjamin F. Smith, Charles M. Miller, George T. Greenhalgh, James L. Jenks, A. E. Jenks, Adam Sutcliffe, William P. Dempsey, Joseph W. Freeman, Charles S. Foster.

FIELD MEN AND TERRITORY COVERED: Harold P. Warren, special agent for Mass., Conn., Vt., N. H., N. Y. and R. I.; Earl R. Horton, special agent for Me. Company is licensed in Conn., Me., Mass., N. H., N. Y., R. I. and Vt.

PENN MUTUAL FIRE INS. CO. OF CHESTER CO., West Chester, Pa.

President, Davis W. Entriken; Secretary, Barclay Lear. Organized, 1867.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'yhrs	Expenses	Total Expenditures	Losses Incurred
1914	\$42,889	\$12,483	\$17,432	\$38,394	\$39,630	\$32,528	.....	\$8,306	\$40,834	\$39,415
1913	49,436	12,385	28,531	37,620	49,199	31,123	.....	8,587	39,710	34,786
1912	42,874	12,155	29,167	36,392	38,243	32,093	.....	4,831	36,834	27,837

ASSETS, Dec. 31, 1914.

Real estate.....	\$15,000
Bonds and stocks.....	20,700
Cash.....	3,867
Agents' balances.....	3,322

Total assets..... \$42,889

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$12,974
Unearned prems.....	12,483
Total liabilities.....	\$25,457
Surplus.....	17,432

Total..... \$42,889

Fire risks in force, December 31, \$16,490,903.

BUSINESS SINCE ORGANIZATION: Premiums received, \$727,656; losses paid, \$645,777.

REAL ESTATE OWNED: The company owns its own office building valued at \$15,000; expenses last year, \$327.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
Costesville, ac. bs.....	\$4,600	\$4,600
Nat. Bk., Chester Co., stk.....	250	800
First Nat. Bk. of West Chester.....	1,000	1,800
West Chester, ac. bs.....	8,000	8,000
Ardmore Gas Co., bs.....	5,500	5,500

Totals (book value, \$19,850)..... \$19,250 \$20,700

TERRITORY COVERED: Pa. only.

PENNSYLVANIA LUMBERMENS MUTUAL FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, E. F. Henson; Secretary, Harry Humphreys. Organized, 1895.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'yhrs	Expenses	Total Expenditures	Losses Incurred
1914	\$669,046	\$226,486	\$418,059	\$463,481	\$499,574	\$170,443	\$180,692	\$94,275	\$445,410	\$181,535
1913	613,050	220,908	382,755	445,316	477,131	205,746	166,107	91,210	463,332	184,927
1912	612,820	206,630	376,049	422,343	451,063	136,892	147,842	86,774	371,727	150,901

ASSETS, Dec. 31, 1914.

Mortgage loans.....	\$57,500
Bonds and stocks.....	508,350
Cash.....	74,052
Agents' balances.....	26,308
Interest.....	8,399

Total..... \$674,009

Spl. dep. over liab..... 5,563

Total assets..... \$669,046

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$15,375
Unearned prems.....	226,486
Other liabilities.....	9,126
Total liabilities.....	\$250,987
Surplus.....	418,059

Total..... \$669,046

Net amount of members' liability Dec. 31, \$1,359,113; underwriting profit, \$178,608; investment profit, \$32,854.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$31,235,003; premiums thereon, \$452,973.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,562,321; losses paid, \$1,220,428; dividends declared, cash, \$1,078,675.

MORTGAGE LOANS: There are 13 loans of \$3,500 each, protected by property situated 4713 Windsor ave., Philadelphia, and 5214-24, 5229-32 and 5238-42 Schuyler st. and one of \$12,000 on 1539-45 N. Randolph st. Company holds \$32,000 of fire insurance on buildings, and the properties are valued at \$123,000, while the total amount loaned is \$67,500.

BONDS OWNED:

	Par Value.	Market Value.
Ga., 1915, 4½%.....	\$10,000	\$10,000
N. Y., 1916-7, 6%.....	7,000	7,180
Philadelphia, 1938-9, 4%.....	47,000	47,840
Pittsburgh, 1931, 4½%.....	10,000	10,200
Allegheny & West. Ry., 1908, 4%.....	5,000	4,650
Allegheny Val. R.R., 1942, 4%.....	11,000	10,670
Atlantic City R.R., 1919, 5%.....	1,000	1,030
B. & O. R.R. eq. tr., 1921, 4½%.....	10,000	10,000
B. & O. R.R. eq. tr., 1922, 4½%.....	10,000	10,000
Beech Creek R.R., 1936, 4%.....	5,000	4,750
B., R. & P. Ry. eq. tr., 1920-7, 4½%.....	30,000	30,000
Del. Co. Ry. stk. tr. cfs., 1940, 4%.....	4,000	2,880
El. & Peoples Tr. tr. cfs., 1946, 4%.....	16,000	12,960
Erie R.R. eq. tr., 1915, 4%.....	11,000	11,000
Indianapolis No. Tr., 1932, 5%.....	5,000	4,050
Lehigh Valley R.R., 2003, 4%.....	8,000	7,200
Lehigh Valley R.R. eq. tr., 1916, 4½%.....	5,000	4,950
No. Cent. Ry., 2nd gn. m., 1926, 5%.....	1,000	1,060
Oley Valley Ry. stk. tr. cfs., 1931, 5%.....	3,000	2,790
Pa. & N. Y. canal & R.R., 1939, 5%.....	10,000	10,900
Pa. & N. Y. canal & R.R., 1939, 4½%.....	1,000	1,030
Pa. Co., 1944, 3½%.....	5,000	4,300
Pa. Co., 1921, 4½%.....	15,000	15,300
Pa. gn. frt. eq. tr., 1915-20, 4%.....	24,000	23,780
Pa. R.R., 1915, 3½%.....	11,000	11,000
Peoples Pass. Ry., Phila., 1943, 4%.....	23,000	19,320
Phila. & Erie R.R., 1920, 4%.....	2,000	1,930
Phila. & Erie R.R., 1920, 5%.....	11,000	11,440

BONDS OWNED.—Cont.

	Par Value.	Market Value.
Phila. & Erie R.R., 1920, 6%.....	\$15,000	\$16,250
Phila. & Read. d. tm. In., 1941, 5%.....	17,000	19,040
Phila., Balto. & Wash., 1919, 4%.....	1,000	990
Phila. ca. m. & col. tr., 1951, 5%.....	10,000	8,300
Phila., W. & B. stk. tr. cfs., 1921, 4%.....	21,000	20,790
Reading Jersey Cent. col., 1951, 4%.....	5,000	4,750
Reading & P. & R. C. & I., 1907, 4%.....	11,000	10,450
Roch. Ry. & Lt., 1954, 5%.....	11,000	10,800
2nd Ave. Tr., 1934, 5%.....	2,000	1,940
Tex. & Pac. Ry., 2000, 5%.....	15,000	15,000
United Ry. tr. cfs., 1949, 4%.....	5,000	3,750
West End Tr. gn. m., 1938, 5%.....	10,000	9,800
W. N. Y. & Pa. R.R., 1943, 4%.....	10,000	7,300
Equit. Ill. Gas Lt. Phila., 1923, 5%.....	6,000	6,300
Intern. Nav., 1929, 5%.....	2,000	1,100
Lasher, Geo. F., 1922, 5%.....	10,000	10,000
Leh. & Wilkesb. Coal ca. m., 1915, 4%.....	11,000	11,000
Leh. Coal & Nav. g. m., 1924, 4½%.....	19,000	19,570
N. Y. & Q. Gas l. & gn. m., 1934, 5%.....	6,000	5,820
Pa. Btg., 1919, 5%.....	20,000	20,000
Phila. El. g. t. cfs., 1948, 5%.....	10,000	10,200

Totals (book value, \$506,200)..... \$518,000 \$506,200

MISCELLANEOUS: Deposited in Ga., \$10,000.

DIRECTORS: Edwin H. Coane, Wm. O. Curtis, R. R. Griswold, Edward F. Henson, Harry Humphreys, Louis A. Mansfield, Hugh McLean, Albro J. Newton, T. F. Ryman, C. Frank Williamson, William Henry Smadley, Richard Torpin, T. Atkins Murphey.

FIELD MEN AND TERRITORY COVERED: A. L. Arts, Boston, Mass.; T. E. Baker, Boston, Mass.; R. J. Chalmers, Phila., Pa.; A. H. Charman, Phila., Pa.; H. S. Grigg, Phila., Pa.; N. B. Morrell, Phila., Pa.; A. J. M. Parry, Boston, Mass.; P. S. Settle, Phila., Pa.; J. D. Shute, Boston, Mass.; W. J. Stanley, Boston, Mass.; J. S. Wilson, Boston, Mass.; for N. Y.: Gale & Stone, Boston, Mass.; for Mass.: Harry M. Stone, East Otisfield, Me.; for Me.: L. A. Mansfield, New Haven, Conn.; for Conn.: H. S. Grigg, Haddonfield Manor, N. J.; for N. J.: E. S. Nail, Mansfield, O.; for O.: James S. Kemper, Chicago, Ill.; for Ill.: Lumber Insurance Agency, Indianapolis, Ind.; for Ind.: F. Wade Vaughan, Atlanta, Ga.; for Ga.: F. J. Martin, Seattle, Wash.; for Wash.: Everett VanMatre, Memphis, Tenn.; for Tenn.: M. S. Matthews, Minneapolis, Minn.; for Minn.: Adolf Pfund, Milwaukee, Wis.; for Wis.: Leo F. Worland, Louisville, Ky.; and Wm. Cunningham, Winchester, Ky.; for Ky.: F. K. Frankenberg, Charleston, W. Va.; for W. Va.: A. C. Benson, Detroit, Mich.; for Mich.: I. G. Saltmarsh, Kansas City, Mo.; for Mo.: W. F. Snyder, San Francisco, Cal.; for Cal.: James S. Wilson, Concord, N. H.; for N. H.: J. C. Bagg, New Bern, N. C.; for N. C.: J. A. Carson, Salem, Ore.; for Ore.: The company is licensed in Ga., Ill., Ind., Ky., Me., Mass., Mich., Minn., Mo., N. J., N. Y., O., Pa., S. C., Tenn., Wash., W. Va., Wis., Cal., N. H., N. C., Ore. and Conn.

PENNSYLVANIA MILLERS MUTUAL FIRE INSURANCE COMPANY, Wilkes-Barre, Pa.

President, Asher Miner; Secretary, J. Hoffa. Organized, 1887.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$493,576	\$96,351	\$388,725	\$165,323	\$184,182	\$77,774	.....	\$41,044	\$118,818	\$78,937
1913	432,253	85,998	341,455	152,574	169,531	106,861	.....	34,310	140,171	102,896
1912	412,375	80,819	325,056	159,678	173,270	50,352	.....	30,780	81,132	45,491

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$23,100	Losses unpaid.....	\$4,500
Bonds and stocks.....	427,891	Unearned premis.....	95,351
Cash.....	40,064	Other liabilities.....	2,000
Agents' balances.....	5,587		
Interest.....	4,240	Total liabilities.....	\$104,851
Other assets.....	1,184	Surplus.....	388,725
Total.....	\$501,566		
Sp. dep. over liab.....	7,990		
Total assets.....	\$493,576	Total.....	\$493,576

Net amount of members' liability, Dec. 31, \$1,447,981; underwriting profit, \$33,337; investment profit, \$21,924.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$12,688,671; premiums thereon, \$196,703.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,364,427; losses paid, \$873,589.

MORTGAGE LOANS: These loans aggregate \$23,100, on improved real estate in Luzerne Co., Pa., valued at more than double the amount loaned. No interest past due.

BONDS OWNED:		Par Value.	Market Value.
Ashley, Pa., C. H., 1919-25, 5%.....		\$10,000	\$10,190
Avoca, Pa., 1925, 5%.....		8,000	8,230
Berlin, Pa., wat., 1933, 5%.....		5,000	5,000
Butler, Pa., gn. imp., 1936, 4 1/2%.....		10,000	10,300
Charlert, Pa., sc. dis., 1938-39, 4 1/2%.....		10,000	10,300
Chester, Pa., gn. imp., 1940, 4 1/2%.....		10,000	10,300
Costelloville, Pa., sc., 1933-37, 4%.....		5,000	5,000
Connellsville, Pa., sc., 1927, 4 1/2%.....		5,000	5,100
Dickson City, Lack., Pa., sc. en., 1920-24, 5%.....		5,000	5,120
Donora, Pa., sc. dis., 1926-7, 4 1/2%.....		3,000	3,060
Donora, Pa., imp., 1937-8, 4 1/2%.....		7,000	7,280
Dorranconet, Pa., sc., 1915-24, 5%.....		10,000	10,320
Dunmore, Pa., mun. imp., 1923-35, 4 1/2%.....		10,000	10,280
Duquesne, Pa., 1921-30, 4 1/2%.....		10,000	10,300
Dravosburg, Pa., sc., 1916-20, 4 1/2%.....		5,000	5,040
Edwardsville, Pa., 1925, 5%.....		5,000	5,100
Forty Fort, Pa., sc. dis., 1933, 5%.....		3,000	3,120
Freedom, Pa., 1915-16-17-18, 4 1/2%.....		2,400	2,400
Grove City, Pa., imp., 1925-35, 4 1/2%.....		10,000	10,260
Homestead, Pa., r., 1932, 4%.....		6,000	5,820
Indiana, Pa., 1936, 4%.....		5,000	4,860
Irwin, Pa., 1919, 4%.....		5,000	4,900
Johnstown, Pa., sc., 1938, 4 1/2%.....		5,000	5,000
Knoxville, Pa., 1923, 4 1/2%.....		5,000	5,050
Lack. Co., Pa., r. C.H., 1936, 4%.....		5,000	4,960

BONDS OWNED.—Cont.		Par Value.	Market Value.
Lancaster, Pa., sc., 1931, 4%.....		\$5,000	\$5,000
Lansdale, Pa., wat., 1920, 3 1/2%.....		2,800	2,716
Lewistown, Pa., 1934, 4%.....		5,000	4,850
Luzerne Co., Pa., C. H., 1915, 4 1/2%.....		5,000	5,000
Luzerne Co., Pa., bg., 1934, 4 1/2%.....		5,000	5,350
Luzerne Co., Pa., ind. sc., 1934, 4 1/2%.....		5,000	5,350
Middletown, Pa., sc., 1925, 4 1/2%.....		5,000	5,100
Mt. Pleasant, Pa., 1939, 4 1/2%.....		2,500	2,500
New Kensington, Pa., st. & ar. imp., 1934, 4 1/2%.....		10,000	10,300
N. Y. City, N. Y. rev., 1916-17, 6%.....		10,000	10,320
Northampton, Pa., sc. dis., 1929-31, 4 1/2%.....		10,000	10,200
Northumberland, Pa., 1916-18, 3 1/2%.....		9,500	9,390
Oakmont, Pa., sc., 1927, 4 1/2%.....		10,000	10,100
Olyphant, Pa., sc., 1933, 5%.....		10,000	10,600
Pa. Township, All., Pa., sc. dis., 1927-29, 5%.....		3,000	3,150
Pittsburg, Pa., hos., C. H., 1928, 4 1/2%.....		10,000	10,200
Pittston, Pa., sc., 1934-37, 4 1/2%.....		10,000	10,340
Plymouth, Pa., sc. dis., 1927-30, 5%.....		10,000	10,775
San Fran., Cal., city & Co. munat. R.R., 1945, 5%.....		10,000	10,500
Sheraden, Pa., sc., 1937, 5%.....		4,000	4,440
So. Bethlehem, Pa., ar. & polat., 1941, 4 1/2%.....		5,000	5,180
Steelton, Pa., sc., 1920, 3 1/2%.....		10,000	9,500
Troup Co., Ga., rd. & bg., 1931, 5%.....		10,000	10,100
Uniontown, Pa., sc., 1920, 4%.....		1,000	990
Uniontown, Pa., sc., 1921-25, 4%.....		9,000	8,840
Warren, Pa., imp., 1920, 4 1/2%.....		7,000	7,140
Washington, Pa., sc., 1922-30, 4 1/2%.....		9,000	9,000
W. Pittston, Pa., sc. dis., 1922-24, 4 1/2%.....		6,000	6,090
Wilkes-Barre, Pa., 1917, 4%.....		5,000	4,950
B. & E. R.R., 1 gn. m. g., 1927, 5%.....		10,000	10,400
Chl. & Alton R.R., r. g., 1949, 3%.....		15,000	7,680
C. & I. & P. R.R., 1 & r., 1934, 4%.....		20,000	13,400
L. Sh. & Mich. So., 1907, 3 1/2%.....		5,000	4,163
N. Y., N. H. & H. R.R., d., 1950, 4%.....		5,000	4,560
P., C. & St. L. R.R., 1900, 4%.....		10,000	9,900
Totals (book value, \$426,744).....		\$424,200	*\$424,323

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Deposit in Ga., \$10,100.

DIRECTORS: Asher Miner, Griffith Ellis, Landis Levan, John D. Greybill, B. F. Isenberg, O. P. Shupe, Wm. J. Yeager, E. S. Millard, Henry N. Neal.

TERRITORY COVERED: The company is licensed in Ga., Ill., Ind., Kan., Mass., Minn., N. J., N. Y., Pa., S. D. and Wis.

PHILADELPHIA CONTRIBUTIONSHIP FOR THE INSURANCE OF HOUSES FROM LOSS BY FIRE, Philadelphia, Pa.

Chairman, John T. Morris; Secretary and Treasurer, J. Somers Smith, Organized, 1752.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$6,469,081	\$658,080	\$5,812,311	\$25,730	\$291,950	\$11,839	\$37,456	\$41,248	\$90,543	\$12,209
1913	6,274,234	632,689	5,641,493	23,687	258,490	5,272	37,518	46,273	89,163	3,000
1912	6,173,810	610,238	5,559,920	17,941	272,334	15,035	36,216	41,078	92,329	13,738

Unearned premiums are those reclaimable on perpetual policies.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Real estate.....	\$50,029	Losses unpaid.....	\$640
Mortgage loans.....	1,047,150	Perp. dep. recl.....	655,080
Bonds and stocks.....	5,301,446		
Cash.....	79,849	Total liabilities.....	\$655,720
Interest and rents.....	89,287	Surplus.....	5,812,311
Other assets.....	270		
Total assets.....	\$6,468,081	Total.....	\$6,468,031

RISKS AND PREMIUMS: Perpetual fire risks, \$22,150,741; deposit premiums thereon, \$689,558.

REAL ESTATE OWNED: Consists of office building, 212 South Fourth st., occupied by the company, Philadelphia; assessed value of above, \$35,000, and irredeemable ground rents.

MORTGAGE LOANS: There are 93 loans, aggregating \$1,047,150, protected by first liens on real estate in Philadelphia and neighboring counties. There is no interest past due, and the company holds \$659,567 of insurance on the buildings.

PHILADELPHIA CONTRIBUTIONSHIP FOR THE INSURANCE OF HOUSES FROM LOSS BY FIRE, Philadelphia, Pa.—Continued.

BONDS AND STOCKS OWNED:			BONDS AND STOCKS OWNED—Cont.		
Bonds.			Bonds—Cont.		
	Par Value.	Market Value.		Par Value.	Market Value.
Allegheny Co., Pa., 1941, 4%.....	\$50,000	\$49,250	Penn. Co., reg., 1921, 4%.....	\$100,000	\$100,000
Allegheny Co., Pa., 1943, 4%.....	25,000	25,500	Penn. R. R. Gn. Frt. Eq. Tr., 1915-1919, 4%.....	100,000	98,000
Allegheny, 1924, 4%.....	86,000	84,710	Penn. R. R. Gn. Frt. Eq. Tr., 1919-1923, 4%.....	50,000	49,500
Harrisburg, 1915, 4%.....	25,000	25,000	Penn. R. R., cv., 1915, 3%.....	100,000	99,000
Philadelphia, 1916-30, 3%.....	127,000	117,157	Penn. R. R. co. m., 1948, 4%.....	10,000	9,800
Philadelphia, 1915-1934, 3%.....	336,000	318,360	Penn. R. R., co. m., 1919, 5%.....	100,000	102,500
Philadelphia, 1937-1942, 4%.....	537,000	537,000	Pa. & N. Y. Can. & R. R., 1939, 4%.....	10,000	10,300
Pittsburg, 1937-1938, 4%.....	75,000	76,500	Pa. & N. Y. Can. & R. R., reg., 1939, 5%.....	100,000	105,000
Washington Co., Pa., 1915-1927, 4%.....	22,000	21,890	Phila. & Erie R. R., gn. m., 1920, 4%.....	75,000	73,125
Alleg. & W. R. R., 1 g., 1998, 4%.....	20,000	18,400	Phila. & Erie R. R., gn. m., 1920, 5%.....	210,000	215,250
Allegheny Valley Ry., 1942, 4%.....	100,000	93,250	Phila. & Erie R. R., gn. m., 1920, 6%.....	120,000	130,200
Allentown Tm. R. R., 1 m., g., 1919, 4%.....	15,000	14,550	Phila. & Read. R. R., ext., 1947, 4%.....	175,000	168,250
Baldwin Loco. Works, 1 m., 1940, 5%.....	10,000	10,800	Phila. & Read. R. R., 1933, 5%.....	50,000	54,000
Balt. & O. Ry., eq. tr., 1922, 4%.....	25,000	24,406	Reading Co., gn. m., 1997, 4%.....	300,000	279,000
Beech Creek R. R., 1 m., 1936, 4%.....	75,000	70,500	Reading Co., J. C. col., 1951, 4%.....	110,000	99,825
Belvidere, Del. R. R., co. reg., 1927, 4%.....	50,000	48,750	P. W. & B. R. R., ext., reg., 1917, 4%.....	51,000	49,980
B. R. & P. Eq., 1927, 4%.....	10,000	9,700	P. W. & B. R. R., reg., T. C., 1921, 4%.....	150,000	145,500
B. R. & P. Eq., 1925, 5%.....	10,000	10,100	P. W. & B. R. R., reg., d., 1926, 4%.....	15,000	14,250
Catawissa R. R., 1 m., co. reg., 1948, 4%.....	70,000	67,900	P. C. C. & St. L. R. R., 1945-1957, 4%.....	109,000	101,370
Eas. & Am. R. R., 1920, 5%.....	100,000	102,000	P. C. C. & St. L. R. R., 1940-1942, 4%.....	191,000	189,000
Elmira & Will. R. R., in., 2862, 5%.....	15,000	16,350	P. & L. E. R. R., 2 m., 1928, 5%.....	5,000	5,100
Erie & West. Trpn., co., 1925, 4%.....	50,000	48,500	P. & W. R. R., 1, 1917, 4%.....	5,000	4,800
J. F. & C. R. R., 1, 1959, 4%.....	25,000	22,000	Pitta., S. & L. E. R. R., 1, 1940, 5%.....	25,000	26,750
Jefferson R. R., 1, 1919, 5%.....	50,000	50,250	Pitta., Young & Ash. R. R., 1948, 4%.....	15,000	13,950
L. S. & M. So. Ry., 1997, 3%.....	25,000	20,812	Western Pa. R. R., 1 m., 1928, 4%.....	40,000	38,800
L. S. & M. So. Ry., 1931, 4%.....	50,000	45,000	West. N. Y. & Pa. R. R., 1, 1937, 5%.....	10,000	10,100
Lehigh C. & N. s. l., 1954, 4%.....	100,000	97,750			
L. Val. Coal, 1933, 4%.....	20,000	18,200	Stocks.		
L. Val. R. R., col. tr., 1926, 4%.....	10,000	9,400	Bank of North America.....	5,200	13,520
L. Val. R. R., co. m., reg., 1923, 6%.....	75,000	81,750	North Penna. R. R.....	30,000	27,300
L. Val. R. R., 1 m., 1948, 4%.....	155,000	155,000			
L. Val. R. R., co. m., 2003, 4%.....	200,000	177,000			
Market St. Elev. Pass. Ry., 1, 1955, 4%.....	50,000	46,500	Total.....	\$5,300,700	\$5,201,446
Northern Cent. Ry., 1926, 5%.....	50,000	52,000			
North Pa. R. R., ext., 1936, 4%.....	36,000	35,280			
North Pa. R. R., gn. m., reg., 1953, 3%.....	75,000	60,000			
Ohio Conn. R. R., 1, 1943, 4%.....	50,000	47,000			
Penn. Co., 1916, 3%.....	69,000	67,620			
Penn. Co., 1937-1944, 3%.....	150,000	124,500			
Penn. Co., 1931-1952, 4%.....	75,000	69,250			

MISCELLANEOUS: The company confines its operations to perpetual insurance in the State of Pennsylvania.

DIRECTORS: John T. Morris, J. Rodman Paul, Francis A. Lewis, Charles S. W. Packard, Walter George Smith, Charles Biddle, James Logan Fisher, Roland S. Morris, George McCall, Charlton Yarnall, S. Pemberton Hutchinson, John Hampton Barnes.

PHILADELPHIA MANUFACTURERS MUTUAL FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, Edwin I. Allee; Secretary, R. H. Morris. Organized, 1880.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$515,690	\$258,275	\$251,151	\$386,324	\$410,698	\$19,462	\$318,709	\$44,914	\$383,085	\$30,463
1913	506,424	253,046	248,677	400,686	426,322	13,434	333,568	43,705	390,707	13,934
1912	496,475	232,802	259,494	418,908	443,938	18,855	355,392	36,441	412,313	19,380

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Bonds and stocks.....	\$478,896	Losses unpaid.....	\$3,000		
Cash.....	14,685	Unearned premiums.....	258,275		
Agents' balances.....	15,305	Other liabilities.....	3,264		
Interest.....	6,804				
		Total Liabilities.....	\$264,539		
		Surplus.....	251,151		
Total assets.....	\$515,690	Total.....	\$515,690		

Net amount of members' liability, Dec. 31, \$2,550,853; underwriting profit, \$299,289; investment profit, \$21,894.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$62,648,056; premiums thereon, \$510,171.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,899,197; losses paid, \$789,043; dividends declared, cash, \$4,906,871.

BONDS AND STOCKS OWNED:			BONDS AND STOCKS OWNED—Cont.		
Securities.			Bonds—Cont.		
	Par Value.	Market Value.		Par Value.	Market Value.
N. Y., 1961, 4%.....	\$15,000	\$15,300	Nwn. Elev. R.R., 1941, 5%.....	\$5,000	\$4,650
N. Y., 1957-59, 4%.....	28,000	28,000	Pub. Serv. Cp., N. J., 1959, 5%.....	15,000	13,500
Philadelphia, Pa., 1941, 4%.....	10,000	10,200	S. H. & W. B. R.R., 1928, 5%.....	5,000	5,100
Amer. Ry., 1931-61, 5%.....	25,000	23,100	Tol. St. L. & W. R.R., 1917, 4%.....	10,000	3,500
A. E. & Chi. R.R., 1946, 5%.....	15,000	13,650	Tol. St. L. & W. R.R., 1960, 4%.....	10,000	4,700
Birmingham Ry., Lt. & Pow., 1954, 4%.....	10,000	9,000	Western O. Ry., 1921, 5%.....	10,000	9,000
Brinson Ry., 1935, 5%.....	10,000	9,300	Amer. Ice, 1942, 6%.....	10,000	9,900
Ches. & O. Ry. eq. tr., 1924-23, 4%.....	15,000	15,000	Auburn Gas, 1930, 5%.....	10,000	9,600
Chi. & West. Ind. R.R., 1952, 4%.....	20,000	16,800	Baldwin Loco. Wks., 1940, 5%.....	15,000	15,600
Cleve. & Sw. Te., 1923, 5%.....	10,000	9,000	Central Iron & Steel, 1925, 5%.....	10,000	5,000
Col. N. & Z. El. Ry., 1926, 5%.....	10,000	8,700	Ca. Gas, El. Lt. & Pow., 1935, 4%.....	10,000	9,000
Ga. Ry. & Pow., 1964, 5%.....	5,000	4,600	Huntsville, Ala., Gas, Lt. & F., 1941, 6%.....	10,000	1,500
L. S. & Mich. So. Ry., 1931, 4%.....	5,000	4,700	Jacksonville Gas, 1942, 5%.....	20,000	18,900
L. S. El. Ry., 1923, 5%.....	10,000	9,400	Knickerbocker Ice, 1941, 5%.....	5,000	4,200
Lancaster Co. Ry. & Lt., 1951, 5%.....	10,000	9,800	Memphis Ca. Gas & El., 1943, 5%.....	15,000	14,400
L. A. & W. St. Ry., 1937, 5%.....	15,000	13,050	Millville Mfg., 1929, 5%.....	10,000	10,000
Midland Val. R.R., adj., 1953, 5%.....	5,000	1,500	Morris Run Coal Mining, 1917-19, 6%.....	15,000	15,000

STOCKS.			STOCKS.		
	Par Value.	Market Value.		Par Value.	Market Value.
Pa. R.R.....	15,500	17,205	West Jersey & Seaboard R.R.....	3,250	3,315
Land Title & Tr. Co., Phila.....	2,500	12,500	Pa. Natl. Bank.....	2,600	11,206
Pa. Steel, Phila.....	11,500	7,360			

Totals (book value, \$508,348)..... \$524,350 *\$480,396

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

PHENIX MUTUAL FIRE INSURANCE COMPANY, Concord, N. H.

President, Charles L. Jackman; Secretary, Walter Williamson. Organized, 1886.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$78,943	\$6,563	\$52,067	\$8,677	\$11,410	\$1,366	\$2,423	\$2,074	\$5,863	\$1,327
1913	78,773	3,625	50,048	6,122	7,401	885		1,204	1,589	430

* Includes \$2,389 dividends on guaranty capital and \$34 as dividends to policyholders.

ASSETS, Dec. 31, 1914.

Bonds and stocks....	\$34,361
Cash.....	42,889
Agents' balances.....	1,269
Interest and rents.....	324

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$17
Unearned premiums.....	6,563
Borrowed money.....	20,000
Other liabilities.....	306

Total liabilities.....	\$26,886
Guar. capital.....	50,000
Net surplus.....	2,057

Total assets..... \$78,943 Total..... \$78,943

Net amount of members' liability, Dec. 31, \$38,892.

Underwriting profit, \$2,967; investment loss, \$977.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$753,247; premiums thereon, \$10,784.

BUSINESS SINCE ORGANIZATION: Premiums received, \$14,768; losses paid, \$1,741; dividends declared, cash, \$34; stock, \$2,369.

BONDS AND STOCKS OWNED:

Bonds.	Par Value.	Market Value.
Concord Electric.....	\$1,000	\$1,000
Leominster Gas & Elec.....	2,000	1,970
Southern Pacific.....	500	505
Boston & Maine R. R.....	1,000	1,000
Maine Railways.....	1,000	1,000
Concord & Montreal R. R.....	1,000	924
Capital Fire Ins.....	5,000	5,000

BONDS AND STOCKS OWNED.—Cont.

Stocks.	Par Value.	Market Value.
Boston & Me. R. R.....	\$1,000	\$345
N. Y., N. H., & H. R. R.....	7,000	4,550
Southern Pacific R. R.....	2,500	2,413
Illinois Central R. R.....	1,000	1,127
American Woolen, p.....	1,000	733
Amer. Locomotive, p.....	1,000	990
National Surety.....	500	880
American Express.....	500	500
Western Union Tg.....	5,600	3,132
Standard Oil.....	500	2,020
The Amer. Agri. Chem.....	1,000	935
Northern Securities.....	100	100
Amer. Sugar Refining.....	1,000	1,050
Underwriters Fire Ins. Co., p.....	800	800
Union Pacific R. R.....	1,000	1,550
Lehigh Valley R. R.....	1,250	1,737

Totals..... \$37,250 \$34,321

MISCELLANEOUS: The company subscribed a guaranty, capital of \$30,000 in April, 1912, and increased it in June, 1913, to \$50,000.

DIRECTORS: C. L. Jackman, W. Williamson, F. T. Jackman, C. R. Remick, A. R. Kendall.

TERRITORY COVERED: A. R. Kendall and F. T. Jackman, Concord, N. H. The company operates in N. H. only.

PIONEER CO-OPERATIVE FIRE INSURANCE CO., Greenville, N. Y.

President, Edgar Hartt; Secretary, O. C. Stevens.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$66,227	\$25,713	\$37,521	\$38,617	\$40,831	\$21,562		\$12,266	\$33,828	
1913	58,719	20,812	35,116	30,610	32,633	17,759		10,059	27,818	
1912	53,939	18,252	33,293	26,977	28,632	12,490		8,909	21,399	\$12,805

ASSETS, Dec. 31, 1914.

Mortgage loans.....	\$7,400
Bonds.....	33,190
Cash.....	18,697
Agents' balances.....	6,345
Interest.....	644
Other assets.....	50

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$2,325
Unearned premiums.....	25,713
Other liabilities.....	158
Total liabilities.....	\$28,706
Surplus.....	37,521

Total assets..... \$66,227 Total..... \$66,227

RISKS AND PREMIUMS: Fire risks in force, December 31, \$6,435,043; premiums thereon, \$60,688.

MORTGAGE LOANS are secured by Ravenna property worth \$2,800, by Greenville property valued at \$1,700, and by Mechanicville property valued at \$11,300.

BONDS OWNED:

	Par Value.	Market Value.
New York Cy., 1957, 4½%.....	\$5,000	\$5,350
Greene County, 1931, 4%.....	4,000	3,960
New York Cy., 1957, 4½%.....	2,000	2,140
St. L., Springfield & Peoria, 1939, 5%.....	2,000	1,560
Ore. Short Line, 1929, 4%.....	4,000	3,680
So. Pac., 1955, 4%.....	6,000	5,520
N. Y. Cen., 1924-5, 4½%.....	3,000	2,970
C. M. & St. P., 1939, 4½%.....	2,000	2,060
B. & O., cv., 1933, 4½%.....	1,000	920
Tri City Ry. & Lt., 1923, 5%.....	1,000	970
L. S. & M. So., 1928, 4%.....	4,000	3,760

Totals (book value, \$33,074)..... \$34,000 \$33,190

PITTSBURG LUMBERMENS MUTUAL FIRE INS. CO., Pittsburg, Pa.

President, J. C. Parsons; Secretary, Carl Van der Voort. Organized, 1907.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$35,991		\$15,109	\$31,755	\$37,732	\$7,418	\$10,405	\$23,853	\$34,258	\$7,424
1913	39,608		18,799	32,533	36,522	13,070	11,238	30,501	41,739	13,070
1912	18,162		16,924	30,272	31,787	16,502	7,996	9,914	34,412	16,502

* Excludes \$20,000 directors' fund.

ASSETS, Dec. 31, 1914.

Cash.....	\$28,131
Agents' balances.....	7,770
Other assets.....	90

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$6
Other liabilities.....	876
Borrowed money.....	20,000

Total liabilities.....	\$20,882
Net surplus.....	15,109

Total assets..... \$35,991 Total..... \$35,991

Fire risks in force, December 31, \$763,323.

MISCELLANEOUS: This company secured its charter January 28, 1907, starting with applications for insurance for over \$200,000, and began issuing policies February 28. All policyholders have an assessment liability of three times the annual premium. No non-assessable policies are issued. As its name implies, the company writes lumber yards and wood workers. Its directors are men actively engaged in the lumber business. A fund of \$10,000 was advanced by the directors in 1907, which amount has been paid off.

PLANTERS INSURANCE COMPANY, Bowling Green, Ky.

President, D. W. Wright; Secretary, P. C. Jesse. Organized, 1898.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$14,540		\$14,540	\$16,836	\$17,361	\$9,813	\$300	\$7,184	\$17,397	\$9,813
1913	28,395		28,395	16,459	16,962	5,186	329	5,895	11,410	5,186

ASSETS, DEC. 31, 1914: Bonds, \$11,370; cash, \$3,524; assessments due, \$429; interest, \$110; other assets, \$107; total assets, \$14,540. No liabilities.

Reduction of assets accounted for by the fact that 1914 assessment was included in 1913 statement while 1915 assessment was not included in 1914 statement.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,630,011; premiums thereon, \$44,447.

BUSINESS SINCE ORGANIZATION: Premiums received, \$164,833; losses paid, \$76,779.

PREFERRED MUTUAL FIRE INSURANCE COMPANY,
New Berlin, N. Y.

President, I. L. Richer; Secretary, F. E. Holmes. Organized, 1896.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$148,236	\$50,581	\$94,437	\$78,111	\$83,223	\$40,046		\$26,419	\$66,465	
1913	128,973	45,709	82,800	69,324	73,587	36,209		22,832	59,041	\$36,209
1912	117,922	40,717	75,355	61,712	65,938	34,061	\$1,699	19,037	54,797	35,126

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$18,151	Losses unpaid.....	\$3,218
Bonds.....	108,815	Unearned prems.....	50,581
Cash.....	9,577		
Agents' balances.....	10,257	Total liabilities.....	\$53,799
Interest.....	1,636	Surplus.....	94,437
Total assets.....	\$148,236	Total.....	\$148,236

RISKS AND PREMIUMS: Fire risks in force December 31, \$12,787,515; premiums thereon, \$121,989.

MORTGAGE LOANS: The 8 loans range in amount between \$1,000 and \$5,000, and aggregate \$18,151. They are secured by properties in Elmira, Oneonta, Mechanicville and Utica valued at \$38,200, and company holds \$24,600 of insurance. No interest was past due Dec. 31, last.

BONDS OWNED:		Par Value.	Market Value.
A. T. & S. F., 1906, 4%.....		\$5,000	\$4,400
Atl. C. L., 1902, 4%.....		2,000	1,840
Atl. C. L., 1903, 4%.....		3,000	2,820
Adams Express, 1948, 4%.....		5,500	4,235
B. & O., 1945, 4%.....		6,000	5,580
D. & H., 1916, 4%.....		6,000	5,940
Ill. Cent., 1905, 4%.....		5,000	4,800
L. S. & M. S., 1931, 4%.....		5,000	4,700
New Berlin, 1918, 4%.....		3,500	3,800
New Berlin, 1922, 4%.....		2,000	1,960

BONDS OWNED.—Cont.		Par Value.	Market Value.
No. Pac.-Gt. No., 1921, 4%.....		\$5,000	\$4,850
N. Y. Cent., 1934, 4%.....		5,000	4,500
N. Y. O. & W., 1902, 4%.....		3,000	2,480
Ore. & B. L., 1929, 4%.....		5,000	4,600
Penn. R. R., 1915, 3½%.....		5,000	5,000
Rdg., 1907, 4%.....		5,000	4,750
So. Pac., 1935, 4%.....		5,000	4,600
U. S. Steel, 1903, 5%.....		5,000	5,150
Un. Pac., 4%.....		6,000	5,700
Wis. Cent., 1949, 4%.....		5,000	4,400
Fonda, J. & G., 1902, 4½%.....		5,000	4,350
N. Y. Cent., 1915, 5%.....		2,000	2,000
C. M. & St. P., 1909, 4%.....		5,000	4,800
Leh. Vy., 1940, 4½%.....		5,000	5,050
*Masonic Hall, 1916, 6%.....		4,000	4,040
*Utica, wat., 1934, 5%.....		3,000	3,300
*So. Pac., 1905, 4%.....		1,000	920
Totals (book value, \$112,131).....		\$117,000	\$108,815

* Carried below market because of agreement to resell.

MISCELLANEOUS: This company is a purely co-operative concern, and issues policies from the home office on application. Advance premium is charged and no assessment has ever been made. The Law of 1910 allows co-operative companies seven years for the gradual accumulation of reserve.

PRINTING TRADES MUTUAL FIRE INSURANCE CO., Chicago, Ill.

President, J. A. Morgan; Secretary, Wm. J. Hartman. Organized, 1910.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$10,843	\$2,518	\$7,083	\$5,526	\$5,715	\$4,242	\$489	\$1,644	\$6,375	\$4,242
1913	11,120	2,447	7,998	4,299	5,422	1,062	1,402	1,911	4,375	11,049
1912	11,135	3,755	6,083	4,565	4,934	1,666	2,110	1,709	5,485	1,666

* Includes \$6,056 guarantee capital.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks.....	\$8,170	Unearned prems.....	\$2,518
Cash.....	1,243	Other liabilities.....	632
Agents' balances.....	961		
Interest.....	333	Total liabilities.....	\$3,150
Other assets.....	116	Guarantee capital.....	7,090
		Net surplus.....	603
Total assets.....	\$10,843	Total.....	\$10,843

RISKS AND PREMIUMS: Fire risks in force, December 31, \$491,067; premiums thereon, \$5,037.

BUSINESS SINCE ORGANIZATION: Premiums received, \$18,634; losses paid, \$8,083; dividends declared, cash, \$4,723.

TERRITORY COVERED: Ill. only.

PROTECTION MUTUAL FIRE INSURANCE COMPANY, Chicago, Ill.

President, Henry N. Wade; Secretary, Philip J. Halla. Organised, 1887.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$315,251	\$142,706	\$169,869	\$240,991	\$256,127	\$13,343	\$192,214	\$29,903	\$235,460	\$7,888
1913	291,663	144,696	142,328	243,415	253,838	12,930	188,298	37,011	238,289	12,980
1912	280,808	125,118	154,494	233,309	244,765	12,095	188,176	31,393	231,664	12,815

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$2,500	Losses unpaid.....	\$490
Bonds.....	264,251	Unearned premiums.....	142,706
Cash.....	30,398	Other liabilities.....	2,166
Agents' balances.....	11,512		
Interest.....	4,351	Total liabilities.....	\$145,362
Other assets.....	1,339	Surplus.....	169,869
Total assets.....	\$315,251	Total.....	\$315,251

Net amount of members' liability, Dec. 31, \$1,411,249; underwriting profit, \$203,708; investment profit, \$16,047.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$33,680,542; premiums thereon, \$282,250.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,674,918; losses paid, \$542,912; dividends declared, cash, \$2,456,377.

MORTGAGE LOAN: A loan of \$3,500 is protected by property located in Cook Co., Ill., valued at \$7,500. The company holds \$4,000 insurance on the building.

THE PROVIDENCE MUTUAL FIRE INSURANCE CO., Providence, R. I.

President, E. L. Watson; Secretary, B. M. MacDougall. Organised, 1800.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$775,133	\$222,965	\$539,373	\$110,959	\$151,919	\$59,554	\$35,435	\$47,395	\$142,384	\$59,554
1913	759,461	213,532	536,548	105,668	160,806	33,769	35,299	34,556	103,624	31,530
1912	809,450	205,770	593,219	96,782	133,476	39,173	32,320	43,813	114,281	42,888

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$70,100	Losses unpaid.....	\$4,405
Bonds and stocks.....	661,611	Unearned premiums.....	222,965
Cash.....	36,480	Other liabilities.....	8,396
Agents' balances.....	18,068		
Interest.....	1,909	Total liabilities.....	\$235,766
		Surplus.....	\$39,372
Total assets.....	\$775,133	Total.....	\$775,133

Net amount of members' liability, Dec. 31, \$431,729.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$39,123,083; premiums thereon, \$431,729.

MORTGAGE LOANS: There are 23 loans aggregating \$70,100, protected by property in Rhode Island, valued at \$123,735. The company holds \$82,500 of insurance on the buildings.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
Rhode Island.....	\$27,000	\$23,920
Denver & Rio Grande R. R.....	10,000	4,800
N. P. G. N. C. B. & O. Jt.....	10,000	9,700
Pure Marquette R. R.....	3,000	210
R. I. Suburban Ry.....	20,000	16,800
Cleveland El. Illum.....	10,000	10,200
Pawtucket El.....	8,000	7,840
United El. N. J.....	10,000	8,100
STOCKS.		
Atch. T. & S. F., com.....	10,000	9,900
Atch. T. & S. F., p.....	10,000	10,300
Balt. & O., com.....	2,200	1,958
Balt. & O., p.....	1,200	972
Boston & Prov.....	4,000	9,400
Can. So.....	10,000	6,200
Chic. Great Western, p.....	11,000	4,180
Chic. & N. W.....	12,500	16,625
Chic. Mil. & St. P., p.....	17,800	23,450
Chic. Mil. & St. P., com.....	8,700	8,613
Cleves, Cin., Chic. & St. L.....	5,000	2,500
Cleveland & Pittsburg, p.....	10,000	16,600
Cosa. R.....	5,000	9,000
D. L. & W. R. R.....	16,100	64,561
Detroit, Hillsdale & Swa.....	10,000	9,000
Erie & Pittsburg R. R.....	3,000	3,990
Fishburg, p.....	10,000	7,800
Fort Wayne & Jackson, p.....	10,000	12,200

BONDS AND STOCKS OWNED.—Cont.

	Par Value.	Market Value.
STOCKS.—Cont.		
Grand River Valley R. R.....	\$5,000	\$5,500
Great Northern Ry.....	12,000	14,880
Hereford R. R.....	5,000	2,800
Illinois Central.....	22,000	25,760
Lackawanna R. R.....	4,000	3,840
Mahoning Coal, p.....	10,000	10,300
Morris & Essex.....	10,000	17,100
Newport & Fall R. St. Ry.....	5,000	5,800
N. Y. C. & H. R. R. R.....	25,000	22,500
N. Y., N. H. & H.....	30,000	16,500
No. Pac.....	10,000	11,100
Old Colony.....	10,000	15,000
Oswego & Syracuse.....	5,000	10,000
Penn.....	30,250	33,577
Pittsburg, Bessemer & Lake Erie.....	10,000	6,200
Providence & Worcester.....	5,100	10,455
Rensselaer & Saratoga.....	10,000	18,000
Southern Pacific, p.....	20,000	13,600
Southern Ry., Div., cts.....	400	400
St. L. & S. F. stk. tr. cts., C. & E. Ill., p.....	5,000	750
Union Pac., com.....	10,000	12,800
Union Pac., p.....	10,000	8,300
Upper Coos R. R.....	10,000	10,900
Nat. Bank of Com.....	1,000	1,420
Amer. Tl. & Tg.....	10,000	12,300
Blackstone Val. Gas & El., p.....	5,000	5,350
Boston Inv.....	5,000	1,100
D., L. & W. Coal.....	2,500	7,000
El. Bond & Share, p.....	5,000	5,000
Gn. El.....	6,500	9,750
Mass. Real Est.....	10,000	2,000
Providence Bldg.....	10,000	7,500
Pullman.....	5,000	7,750
Rhode Island Inv.....	13,200	17,160

Totals..... \$592,650 \$651,611

DIRECTORS: William G. Nightingale, Edward C. Bucklin, Jeffrey Davis, William Gammell, Webster Knight, James M. Scott, Rowland G. Hazard, Edward L. Watson, William L. Hodgman.

TERRITORY COVERED: The company is licensed in Conn. Me., Mass., N. H., R. I. and Vt.

QUINCY MUTUAL FIRE INSURANCE COMPANY, Quincy, Mass.

President, C. A. Howland; Secretary, J. F. Young. Organized, 1851.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$362,975	\$288,660	\$563,571	\$189,825	\$207,323	\$78,991	\$70,490	\$57,276	\$206,757	\$83,724
1913	330,729	278,890	549,155	162,869	202,309	67,827	70,987	53,418	192,232	63,818
1912	331,846	283,128	541,302	164,882	203,078	56,563	68,924	79,987	205,474	61,563

ASSETS, DEC. 31, 1914.			LIABILITIES, DEC. 31, 1914.		
Mortgage loans.....	\$93,211		Losses unpaid.....	\$7,095	
Bonds and stocks.....	647,140		Unearned prems.....	288,660	
Collateral loans.....	85,000		Other liabilities.....	3,650	
Cash.....	19,475				
Agents' balances.....	12,271		Total liabilities.....	\$299,405	
Interest.....	5,878		Surplus.....	563,570	
Total assets.....	\$962,975		Total.....	\$962,975	

Underwriting profit, \$16,064; investment profit, \$69,273.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$39,594,070; premiums thereon, \$578,890.

REAL ESTATE OWNED: Consists of company's office building, 10,000 sq. ft. land with house and stable at Quincy, and 23,700 sq. ft. land with house at Quincy.

MORTGAGE LOANS: There are loans aggregating \$93,211, and are protected by improved real estate principally in Boston and Quincy, worth over double the amount loaned. There was no interest past due on December 31, last. The company holds ample insurance on the mortgaged buildings.

COLLATERAL LOANS are as follows:

Securities.	Market Value.	Amount Loaned.
Quincy El. Lt. & Pow.....	\$20,000	\$15,000
Granite Tr.....	20,000	15,000
Granite Tr.....	17,000	10,000
Dallas Cotton Mills.....	6,000	
Note T. Wat. Coal & Coke.....	5,000	8,000
King Coal.....	5,000	
No. Packing & Provision.....	10,500	7,500
No. Packing & Provision.....	6,300	
John P. Squire.....	5,500	
N. E. Dressed Meat & Wool.....	2,900	20,000
Springfield Provision.....	8,125	
Cons. Rendering.....	2,240	
N. E. Tl. & Tg.....	3,120	2,500
Quincy El. Lt. & Pow.....	7,200	
Savannah El. 5%.....	1,500	7,000
Sperry & Barnes.....	3,200	
Total.....	\$122,585	\$85,000

BONDS AND STOCKS OWNED:

Bonds.		Par Value.	Market Value.
Mass., 1930, 3%.....		\$50,000	\$44,500
Providence, R. I., 1930, 3%.....		20,000	17,800
Bay State St., 1929, 5%.....		10,000	9,900
Chi., 1927, 5%.....		5,000	4,950
No. Pac. & Gt. No., 1921, 4%.....		50,000	6,500
Oregon S. L., 1929, 4%.....		10,000	9,200
Peoria Ry. Tm., 1937, 4%.....		14,000	10,920
Adirondack El. & Pow., 1902, 5%.....		5,000	4,600
Am. Tl. & Tg., 1929, 4%.....		25,000	22,250

BONDS AND STOCKS OWNED.—Cont.

Bonds.—Cont.		Par Value.	Market Value.
Cal. Gas & El., 1937, 5%.....		\$10,000	\$9,300
Consumers Pow., 1936, 5%.....		15,000	14,100
Ill. Steel, 1940, 4%.....		5,000	4,350
Mich. St. Tl., 1924, 5%.....		10,000	9,900
Minneapolis Bn. El., 1934, 5%.....		20,000	20,000
N. Y. Tl., 1939, 4%.....		10,000	9,800
Pac. Coast Pow., 1940, 5%.....		5,000	4,900
Pac. Gas & El., 1942, 5%.....		5,000	4,300
Pac. Tl. & Tg., 1937, 5%.....		10,000	9,700
Portland R.R. Lt. & Pow., 1942, 5%.....		5,000	4,600
Quincy El. Lt. & Pow., 1921, 4%.....		6,000	5,820
Seattle El., 1929, 5%.....		10,000	9,700
So. Pow., 1830, 5%.....		5,000	5,000
Tacoma Gas Lt., 1926, 5%.....		5,000	4,760
Toledo Tc. Lt. & Pow., 1918, 6%.....		5,000	4,950
United Fruit 1917, 6%.....		4,987	5,050
Western El., 1922, 5%.....		7,000	7,140
Granite R.R., 1914, 5%.....		10,000	10,000
Lawrence Duck, 1914, 6%.....		15,000	15,000
A. C. Law. Leather, 1914, 6%.....		5,000	5,000
Nat. Calfakin, 1914, 6%.....		5,000	5,000
N. Y. & N. H. & H. R.R., 1915, 5%.....		5,000	6,000
Central Hudson G. & El., 1941, 5%.....		10,000	10,000
Puget S. Tc. Lt. & Pow., 1916, 6%.....		10,000	10,100
United Fruit, 1918, 5%.....		5,000	4,950
Utah Pow. & Lt., 1944, 5%.....		10,000	9,300
Quincy El. Lt. & Pow., 1915, 5%.....		17,500	17,500

Stocks.

Old Colony R.R.....	1,100	1,650
Brookton Nat. Brookton, Mass.....	15,000	22,500
Commonwealth Tr., Boston, Mass.....	25,000	47,000
First Nat., So. Weymouth, Mass.....	3,200	3,200
Granite Tr., Quincy, Mass.....	4,800	9,600
Merchants Nat., Boston, Mass.....	5,500	17,215
Mt. Woolaston Nat., Quincy, Mass.....	33,500	41,375
Old Colony Nat., Plymouth, Mass.....	2,000	2,400
Plymouth Nat.....	2,000	3,625
Rockland Nat., Boston, Mass.....	8,800	22,440
Rockland Tr., Rockland, Mass.....	5,000	7,250
Second Nat., Boston, Mass.....	8,700	25,230
State St. Tr., Boston, Mass.....	8,500	23,375
Wachusett N. (fig.), Fitchburg, Mass.....	6,000	1,001
Lawrence Duck.....	20,000	20,000
Mich. Tl.....	1,605	2,880

Totals (book value, \$577,872)..... \$530,000 \$647,140

MISCELLANEOUS: Conflagration losses: Boston, 1872, \$495,000.

DIRECTORS: Thomas Curtis, Theophilus King, Henry M. Faxon, Chas. G. Hathaway, Chas. A. Howland, Jas. F. Young, Frederick H. Smith.

TERRITORY COVERED: The company is licensed in Conn., Me., Mass., N. H., R. I. and Vt.

REPUBLIC COUNTY MUTUAL INSURANCE COMPANY, Belleville, Kan.

President, A. E. Norris; Secretary, Emmett Keith. Organized, 1884.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$37,986	\$27,500	\$9,686	\$32,946	\$34,836	\$20,294		\$10,732	\$31,026	\$20,294
1913	34,176	25,024	9,152	31,298	32,876	23,368		8,837	32,205	23,368
1912	33,505		33,505	28,340	31,505	18,808		9,215	28,023	18,808

ASSETS, DEC. 31, 1914: Mortgage loans, \$29,100; cash, \$8,886; total assets, \$37,986. Liabilities: Losses unpaid, \$800; unearned prems., \$27,500; total liabilities, \$28,300.

Net amount of members' liability, Dec. 31, \$131,410.

Fire risks in force, December 31, \$9,057,070.

MORTGAGE LOANS: These loans aggregate \$29,100 and are protected by improved real estate valued at more than double the amount loaned thereon. All are first liens.

RETAIL DRUGGISTS MUTUAL FIRE INSURANCE COMPANY, Cincinnati, O.

President, Philip Lehr; Secretary, John Weyer. Organized, 1890.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$68,338	\$18,110	\$47,988	\$36,294	\$39,032	\$6,416	\$13,966	\$13,051	\$33,433	\$8,277
1913	62,649	15,751	46,535	31,607	34,123	3,988	11,806	11,474	27,268	3,923
1912	56,834	13,181	43,279	26,414	30,252	5,013	10,357	12,058	27,428	3,364

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$65,147	Losses unpaid.....	\$1,860
Cash.....	1,516	Unearned premiums.....	18,110
Agents' balances.....	1,066	Other liabilities.....	380
Interest and rents.....	609		
		Total Liabilities.....	\$20,350
		Surplus.....	47,988
Total assets.....	\$68,338	Total.....	\$68,338

Contingent liability, Dec. 31, \$108,661.

Underwriting profit, \$13,063; investment profit, \$2,356.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,017,300; premiums thereon, \$36,220.

BUSINESS SINCE ORGANIZATION: Premiums received, \$346,412; losses paid, \$88,202; dividends declared, cash since 1902, \$88,730.

BONDS OWNED:		Par Value.	Market Value.
Cincinnati Mun., 1923-56, 3 1/2 %		\$20,000	\$18,533
Cleveland Mun., 1924-40, 4 %		6,000	6,025
Colum. Ry. P. & St., 1939, 4 %		2,000	1,400
East Liverpool S., 1940, 4 %		1,000	1,003
Dayton S., 1917, 4 %		1,000	1,000
Dayton St. Pav., 1920, 3 1/2 %		2,000	1,945
Norwood W. W., 1937, 4 %		500	502
Norwood St. Imp., 1924, 4 1/2 %		2,500	2,806
Toledo, O., P. Imp., 1922, 4 %		1,000	1,003
Toledo, O., 1930, 3 1/2 %		1,000	944
St. Mary's H., Imp., 1923, 5 %		1,000	1,070

BONDS OWNED.—Cont.		Par Value.	Market Value.
St. Mary's S., 1936, 4 %		\$1,000	\$1,000
Oakley St. Bldg., 1950, 4 1/2 %		2,000	2,030
St. Bernard W.W., 1936, 4 %		1,000	1,008
Mt. Healthy, W. W., 1934, 4 %		1,500	1,500
Mt. Healthy S., 1950, 4 1/2 %		1,000	1,042
Mansfield Ry. & P. & L., 1918, 5 %		1,000	700
Wilmington S., 1937-38, 4 %		1,000	1,000
Cy. of New Orleans Mun., 1917-56, 5 %		2,000	2,000
Napoleon, O., W.W., 1924, 4 1/2 %		1,000	1,037
Cincinnati St. Imp., 1932, 4 1/2 %		1,000	1,010
Tuscarawas Co., E. L. & P. Co., 1925, 6 %		2,500	2,500
Ashta, P. Dept., 1915, 5 %		1,500	1,500
Middletown, O., St. Imp., 1925, 4 1/2 %		1,000	1,044
Middletown, O., S., 1930, 5 %		1,000	1,030
Chattanooga T. F. & S., 1941, 4 1/2 %		1,000	970
Steubenville, O., W.W., 1933, 5 %		1,000	1,033
Stark Co., O. B., 1921, 5 %		1,000	1,015
Hamilton, Tenn., F., 1943, 4 1/2 %		2,000	1,945
Waco, Tex., W. W., 1942, 5 %		1,000	1,025
Victoria Co., Tex., road dis., 1952, 5 %		1,000	985
E. Palestine, O., sc., 1934, 5 %		500	563
E. Palestine, O., sc., 1937, 5 %		1,000	1,137
Hamilton, O., sc. house, 1939, 4 %		1,000	1,000
Mt. Healthy, O., sc., 1960, 4 1/2 %		1,000	1,043
Totals (book value, \$67,000).....		\$67,000	\$65,146

FIELD MEN AND TERRITORY COVERED: Special agents: C. L. McIntire, St. Marys, O., C. M. Shafer, Canal Fulton O. The company operates in O. and Ind.

RETAIL HARDWARE MUTUAL FIRE INSURANCE COMPANY, Minneapolis, Minn.

President, C. F. Ladner; Secretary, M. S. Mathews. Organized, 1900.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$470,558	\$90,384	\$347,974	\$381,959	\$404,900	\$153,968	\$161,642	\$46,763	\$362,373	\$153,968
1913	424,824	87,831	314,632	339,265	358,451	115,838	143,365	42,386	302,559	115,838
1912	360,066	79,955	277,690	308,066	\$14,148	119,482	128,012	32,351	279,845	119,482

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$426,461	Losses unpaid.....	\$17,850
Cash.....	12,796	Unearned premiums.....	90,384
Agents' balances.....	11,678	Other liabilities.....	5,350
Interest.....	9,623		
		Total Liabilities.....	\$122,584
		Surplus.....	347,974
Total assets.....	\$470,558	Total.....	\$470,558

RISKS AND PREMIUMS: Fire risks in force, December 31, \$21,697,574; premiums thereon, \$394,833.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,226,694; losses paid, \$790,648; dividends declared, cash, \$1,048,640.

BONDS OWNED:		Par Value.
Morrison Co., Minn., 6 %		\$15,100
Kanabec Co., Minn., 5 %		2,800
Sherburne Co., Minn., 5 %		1,000
Renville Village, Minn., 5 %		3,000
St. Louis Co., Minn., 6 %		2,000
Lincoln Co., Minn., 6 %		4,200
Washburn, Wis., 5 %		15,000
Watsonwan Co., Minn., 5 %		12,000
Lyon Co., Minn., 5 %		12,000
Lac Qui Parle Co., 5 %		15,000
Red Lake Falls, Minn., 6 1/2 %		5,000
Town of Hopera, Ia., 6 %		7,000
East Grand Forks, Minn., 5 %		10,000
Red Lake Co., Minn., 5 1/2 %		24,000

BONDS OWNED.—Cont.		Par Value.
Earlham, Ia., 5 %		\$17,000
Birbee, N. D., 6 %		4,500
Maple Lake, Minn., 6 %		4,000
City of Antlers, N. D., 6 %		4,000
Tyler, Minn., 5 %		5,000
Sioux Falls, S. D., 5 %		26,500
Kandiyohi Co., Minn., 4 1/2 %		5,000
Cass Co., N. D., 6 %		30,177
Sheridan Co., N. D., 7 %		25,000
Edgeley, N. D., 6 %		10,000
Conrad, Teton Co., Mont., 6 %		16,000
St. Louis Co., Minn., 5 %		13,000
Musselshell Co., Mont., 6 %		12,000
City of Hope, N. D., 6 %		10,000
Lincoln, Co., Idaho, 6 %		13,000
Roseau, Minn., 6 %		15,000
Itasca Co., Minn., 6 %		10,000
Village of McKinley, Minn., 6 %		10,000
Terry, Mont., 6 %		2,500
City of Atkinson, Neb., 6 %		5,000
Sheridan Co., Mont., 6 %		12,000
Hooper Dodge Co., Neb., 5 %		8,000
City of Portland, N. D., 6 %		7,000
Wallworth Co., S. D., 5 %		17,000
City of St. Cloud, Minn., 6 %		15,000
Totals.....		\$424,977

TERRITORY COVERED: Company is licensed in Ill., Mich. Minn., Mo., Okla. and Tex

RETAIL LUMBERMENS MUTUAL INSURANCE COMPANY OF WISCONSIN, Milwaukee, Wis.

President, M. H. Hand; Secretary, Adolph Pfund. Organized, 1895.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$49,073	\$26,981	\$21,930	\$10,765	\$12,065	\$4,430	\$576	\$1,708	\$6,709	\$4,430
1913	27,338	.....	27,140	5,576	6,895	5,219	59	1,690	6,958	5,219
1912	27,702	.....	25,583	5,096	6,017	3,026	.....	1,461	4,487	3,026

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$39,200	Unearned prems.....	\$26,981
Cash.....	5,662	Other liabilities.....	162
Interest.....	3,311	Total liabilities.....	\$27,143
		Surplus.....	21,930
Total assets.....	\$49,073	Total.....	\$49,073

Fire risks in force December 31, \$1,117,146.

Losses paid since organization, \$33,615.

RETAIL LUMBERMENS INSURANCE ASSOCIATION, Minneapolis, Minn.

President, J. H. Quaal; Secretary, Willard G. Hollis. Organized, 1894.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$376,536	\$47,292	\$328,244	\$81,378	\$88,893	\$61,491	.....	\$22,068	\$83,578	\$61,491
1913	363,283	46,896	315,646	80,379	98,513	58,560	.....	22,477	81,037	55,281
1912	343,025	46,032	296,243	78,231	93,877	27,811	.....	20,323	48,134	27,605

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$294,200	Unearned prems.....	\$47,292
Bonds.....	19,550	Other liabilities.....	1,000
Collateral loans.....	27,914	Total liabilities.....	\$48,292
Agents' balances.....	157	Surplus.....	328,244
Interest.....	7,191		
Other assets.....	27,524	Total.....	\$376,536

Minnesota and North and South Dakota, valued at \$1,050,515. No interest past due December 31, last. Company holds \$18,945 of insurance on the mortgaged buildings.

BONDS OWNED:

	Par Value.	Market Value.
T. C. Rapid Tr. Co., 5%.....	\$5,000	\$5,000
Atch., Top. & S. Fe C. A. & S. F., 4 1/2%.....	5,000	4,750
Minneapolis Gas Lt., 5%.....	10,000	9,800
Totals (book value, \$19,550).....	\$20,000	\$19,550

Net amount of members' liability, Dec. 31, \$192,581.

Underwriting loss, \$1,560; investment profit, \$531.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$16,209,018; premiums thereon, \$189,169.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,040,444; losses paid, \$785,259.

MORTGAGE LOANS: There are 99 loans aggregating \$294,200, protected by first mortgages on farm properties in Iowa.

MISCELLANEOUS: This is a mutual company and pays no dividends. Charge and collect only 42% annually of the annual rate in effect, a return of dividend of 58% average for 20 years, 40% collected to 60% returned.

TERRITORY COVERED: Special agent, R. A. Nelson, Minneapolis, Minn. Company is licensed in Ia., Minn., and S. D.; writes in fifteen States.

RETAIL MERCHANTS ASSOCIATION MUTUAL FIRE INSURANCE COMPANY OF ILLINOIS, Springfield, Ill.

President, G. S. Connelly; Secretary, W. W. Swett, Jr. Organized, 1898.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$33,158	\$30,208	\$1,950	\$59,697	\$60,652	\$15,858	\$15,574	\$39,971	\$61,403	\$16,358
1913	33,909	31,475	2,484	62,259	63,068	11,753	15,457	33,467	60,677	11,753
1912	31,528	29,941	1,586	59,730	60,202	14,788	15,065	30,579	60,463	14,788

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$15,000	Losses unpaid.....	\$1,000
Cash.....	10,156	Unearned prems.....	30,208
Agents' balances.....	8,002	Total liabilities.....	\$31,208
		Surplus.....	1,950
Total assets.....	\$33,158	Total.....	\$33,158

Net amount of members' liability, Dec. 31, \$377,436; underwriting loss, \$1,440.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,140,255; premiums thereon, \$60,748.

BUSINESS SINCE ORGANIZATION: Premiums received, \$846,784; losses paid, \$268,728; dividends declared, cash, \$186,435.

MORTGAGE LOANS: There is one loan of \$15,000 on Springfield, Ill., real estate valued at \$45,000.

FIELD MEN AND TERRITORY COVERED: H. W. Behnke, special agent, Chicago, Ill., and Peter Kramer, special agent, Edwardsville, Ill. The company operates in Ill. only.

RETAIL MERCHANTS MUTUAL FIRE INS. CO., Minneapolis, Minn.

President, H. J. Dahn; Secretary, A. H. Cheese. Organized, 1900.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$14,380	\$7,133	\$192	\$36,244	\$26,268	\$16,706	.....	\$11,530	\$28,236	\$22,154
1913	16,075	7,157	8,228	24,608	24,827	12,040	.....	11,088	23,128	8,347
1912	13,783	6,795	3,686	22,622	24,921	16,322	.....	17,353	33,675	14,322

ASSETS, DEC. 31, 1914: Cash, \$10,075; agents' balances, \$3,772; interest and rents, \$320; ot er assets, \$213; total assets, \$14,380. Liabilities: Losses unpaid, \$5,685; unearned prems., \$7,133; other liabilities, \$1,371; total liabilities, \$14,189.
Net amount of members' liability, Dec. 31, \$28,342; underwriting loss, \$1,968.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,951,396; premiums thereon, \$28,342.

FIELD MEN AND TERRITORY COVERED: S. E. Grindall, special agent, Walker, Minn., for Minn.; outside of Twin Cities; E. H. Scofield, special agent, Minneapolis, Minn., for Twin Cities and suburbs. Company operates in Minn. only.

RETAILERS MUTUAL FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, Albert Kaiser; Secretary, A. M. Howes. Organized, 1903.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$15,310	\$6,538	—\$179	\$19,522	\$21,448	\$15,910	.....	\$6,455	\$23,365	\$21,804
1913	14,564	11,883	902	18,121	18,427	18,355	.....	5,975	24,910	18,891
1912	20,490	10,938	6,662	17,211	18,933	10,202	.....	6,460	16,907	9,712

ASSETS, DEC. 31, 1914. LIABILITIES, DEC. 31, 1914.
So. Pac. Bds. \$10,000 Losses unpaid \$3,838
Cash 3,074 Unearned prems. 6,338
Agents' balances 2,065 Other liabilities 313
Interest 150
Total liabilities \$15,489
Excess of liab. 179

Total assets \$15,309 Total \$15,310

RISKS AND PREMIUMS: Fire risks in force, December 31 \$4,399,125; premiums thereon, \$23,898.

BUSINESS SINCE ORGANIZATION: Premiums received, \$174,449; losses paid, \$109,753.

RHODE ISLAND MUTUAL FIRE INSURANCE CO., Providence, R. I.

President, John R. Freeman; Secretary, Theodore P. Bogert. Organized, 1848.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$1,358,795	\$819,273	\$519,884	\$877,303	\$943,838	\$261,801	\$661,731	\$65,555	\$989,087	\$265,403
1913	1,419,178	577,077	828,666	569,620	644,484	103,888	451,741	64,029	619,858	106,085
1912	1,532,561	660,701	860,006	706,800	782,116	62,008	596,733	96,013	754,754	65,720

ASSETS, DEC. 31, 1914. LIABILITIES, DEC. 31, 1914.
Bonds and stocks \$1,311,239 Losses unpaid \$11,440
Cash 18,048 Unearned prems. 819,273
Agents' balances 26,672 Other liabilities 8,198
Interest 2,846
Total liabilities \$938,911
Surplus 519,884

Total assets \$1,358,795 Total \$1,358,795

Net amount of members' liability, Dec. 31, \$7,015,966; underwriting profit, \$300,340; investment profit, \$48,796.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$191,563,286; premiums thereon, \$1,403,193.

BUSINESS SINCE ORGANIZATION: Premiums received, \$16,680,922; losses paid, \$2,124,149; dividends declared, cash, \$13,651,220.

BONDS AND STOCKS OWNED:

Bonds.	Market Value.
U. S. reg., 1925, 4%	\$61,050
R. I. State, 1969, 3%	36,000
Am. Tl. & Tg. cv. c., 1933, 4%	58,410
B. & O. R.R. cv. c., 1933, 4%	3,220
C. B. & Q. Ry. jt. reg., 1921, 4%	20,000
C. M. & St. P. Ry. cv. c., 1933, 4%	3,774
N. Y., N. H. & N. R.R. d. ctd., 1923, 6%	21,942
So. Pac. cv. c., 1919, 5%	10,200

Stocks.

Manhattan Ry.	26,800
N. Y., Lack. & W. R.R.	11,600
Pitts., Ft. W. & Chi. Ry.	24,600
Providence & Worcester R.R.	61,250
Ash. Top. & S. Fe Ry., p.	20,600
B. & O. R.R., c.	7,298
B. & O. R.R., p.	11,016
Chi. B. & Q. Ry.	43,180
Chi. Mil. & St. P. Ry., c.	22,968
Chi. Mil. & St. P. Ry., p.	49,982

BONDS AND STOCKS OWNED.—Cont.

STOCKS.—Cont.

Chi., St. P., M. & O. Ry.....	\$28,200
Chi. & Nwa. Ry.....	99,750
Clev., C. C. & St. L. Ry., p.....	5,000
Del. & Hudson Co.....	14,800
Gt. Northern Ry., p.....	52,700
Ill. C. R.R.....	38,640
Minn., St. P. & S. Ste. M. Ry., c.....	15,867
M. St. P. & S. Ste. M. Ry., p.....	15,982
N. Y. C. & H. R. R.R.....	17,550
N. Y., N. H. & H. R.R.....	45,100
No. Pac. Ry.....	37,740
Pa. R.R.....	169,563
Reading Co.....	32,800
So. Pac. Co.....	28,800
So. Pac. Co. ctd. of int.....	17,553
So. Ry., p.....	6,800
Un. Pac. R.R., c.....	38,400
Un. Pac. R.R., p.....	33,200
Ca. Gas. N. Y.....	38,700
Gt. No. Ry. Co. Ore ctds.....	3,840
Merchants Nat. Bk.....	18,000
Nat. Bk. of Commerce.....	7,100
Northern Securities.....	315
Providence Gas Co.....	1,470
Pullman Co.....	31,000
U. S. Steel Cp., p.....	33,000

Total \$1,308,560

MISCELLANEOUS: This company, together with the American, Enterprise, Manufacturers, Mechanics and State Mutual Fire Insurance Companies, all of Providence, is under the same management. Company operates in United States and Canada.

DIRECTORS: A. L. Danielson, J. K. H. Nightingale, Henry F. Lippitt, Robert W. Taft, John R. Freeman, Eben S. Draper, Jonathan Chase, Jesse H. Metcalf, Henry D. Sharpe, Wm. Ames, Robt. I. Gammell, E. D. Pearce, A. H. Tillinghast, H. O. Sturges, W. Knight.

RICHLAND COUNTY MUTUAL INSURANCE COMPANY, Mansfield, O.

President, A. C. Cummins; Secretary, R. Smith. Organized, 1851.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$194,244	.....	\$190,759	\$100,694	\$100,694	\$50,544	.....	\$31,582	\$82,126	\$32,881
1913	175,820	.....	173,849	95,584	95,584	78,877	.....	29,667	109,144	74,788
1912	187,568	.....	181,802	93,840	93,840	53,374	.....	32,306	85,680	57,674

ASSETS, DEC. 31, 1914: Real estate, \$26,000; cash, \$168,244; total assets, \$194,244. Liabilities: Losses unpaid, \$3,000; other liabilities, \$486; total liabilities, \$3,486.

Net amount of premium notes, Dec. 31, \$2,287,949.

Fire risks in force, December 31, \$2,894,690.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,725,404; losses paid, \$1,747,177.

REAL ESTATE OWNED: The company owns its home office carried at book value, \$26,000.

ROCKVILLE MUTUAL FIRE INSURANCE COMPANY, Rockville, Conn.

President, E. G. Buller; Secretary, A. T. Bissell. Organized, 1868.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$28,267	\$2,032	\$26,148	\$1,173	\$2,406	\$380	.....	\$434	\$814	\$380
1913	26,690	2,053	24,571	1,306	2,443	70	.....	450	520	70
1912	24,709	1,934	22,713	1,204	2,249	139	.....	423	562	139

ASSETS, DEC. 31, 1914. LIABILITIES, DEC. 31, 1914.
 Bonds..... \$19,110 Unearned premiums..... \$2,032
 Cash..... \$9,135 Other liabilities..... 87
 Interest..... 22
 Total liabilities..... \$2,119
 Surplus..... 26,148
 Total..... \$28,267

Total assets..... \$28,267 Total..... \$28,267

Net amount of members' liability, Dec. 31, \$20,092; underwriting profit, \$381; investment profit, \$1,194.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$502,646; premiums thereon, \$3,993.

BUSINESS SINCE ORGANIZATION: Premiums received, \$32,297; losses paid, \$13,724.

BONDS OWNED:
 Connecticut Ry. & Ltg..... \$1,000 8940
 First Nat. Bk., Rockville..... 10,000 10,500
 Rockville Nat. Bk..... 3,000 3,510
 Aetna Fire Insurance, Hartford..... 1,300 4,160
 Totals (book value, \$18,113)..... \$15,300 \$19,110

FIELD MEN AND TERRITORY COVERED: L. Bissell & Son, Rockville, Conn. Company operates only in Connecticut.

RUBBER MANUFACTURERS MUTUAL INSURANCE CO., Boston, Mass.

President, Arthur H. Lowe; Secretary, Benjamin Taft. Organized 1885.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$516,904	\$245,753	\$263,988	\$394,708	\$416,865	\$19,524	\$351,835	\$36,378	\$407,737	\$31,567
1913	505,156	256,899	239,116	433,498	454,253	16,787	365,391	37,559	419,737	15,197
1912	489,330	234,199	247,992	436,665	456,639	21,569	380,716	38,078	435,353	23,214

ASSETS, DEC. 31, 1914. LIABILITIES, DEC. 31, 1914.
 Bonds and stocks... \$457,450 Losses unpaid..... \$3,229
 Cash..... 37,539 Unearned premiums..... 245,753
 Agents' balances..... 14,339 Other liabilities..... 3,934
 Interest..... 7,576
 Total liabilities..... \$252,916
 Surplus..... 263,988
 Total..... \$516,904

Net amount of members' liability, Dec. 31, \$3,462,533; underwriting profit, \$352,269; investment profit, \$24,437.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$58,262,883; premiums thereon, \$492,507.

BUSINESS SINCE ORGANIZATION: Premiums received, \$8,569,034; losses paid, \$1,256,533; dividends declared, cash, \$5,976,592.

BONDS OWNED:
 Cook, Co. Ill., 1925, 4%..... \$5,000 4,960
 Fall River, 1915, 3 1/2%..... 15,000 15,000
 Mass., Commonwealth, 1940, 3 1/2%..... 40,000 36,800
 A. T. & S. Fe Ry., 1928, 4%..... 10,000 9,500
 Aurora, El. & Chi. R.R., 1946, 5%..... 5,000 4,550
 B. & A. R.R., ca. m., 1861, 4%..... 5,000 3,500
 Boston Elev. Ry., 1935, 4%..... 6,000 5,160
 Bos. & Lowell R.R., 1919, 3 1/2%..... 14,000 13,440
 Bos. & Me. R.R., 1926, 4%..... 10,000 7,700
 Bos. & N. Y. A. L. R.R., 1955, 4%..... 3,000 2,580
 Central Branch Ry., 1919, 4%..... 5,000 4,400
 Chi. R. I. & Pac. Ry., 1915, 4 1/2%..... 3,000 3,000
 D. Y., A. A. & J. Ry., 1926, 5%..... 7,000 6,230
 Elys. & Trenton R.R., 1962, 5%..... 5,000 4,750
 El. Pac. & R. I. R.R., 1951, 5%..... 5,000 4,900
 Fitchburg R.R., 1927-3, 4%..... 20,000 18,100
 Fla. E. Coast Ry., 1959, 4 1/2%..... 5,000 4,550
 Harlem Riv. & Pt. C. R.R., 1915, 5%..... 5,000 4,700

BONDS OWNED.—Cont.
 L. Sh. & Mich. So. Ry., 1928-31, 4%... \$20,000 \$18,800
 Me. C. R.R., 1916, 4 1/2%..... 16,000 15,840
 Md., Del. & Va. Ry., 1955, 5%..... 10,000 8,500
 Middlesex & Bos. St. Ry., 1932, 4 1/2%... 10,000 9,500
 Mo., Pac. Ry., 1915, 6%..... 10,000 9,000
 Montreal Tramways, 1941, 5%..... 5,000 4,950
 N. Y. C. & H. R. R. B. & A., 1920, 4 1/2%... 5,000 4,950
 N. Y. C. & H. R. R. L. S. col., 1998, 3 1/2%... 15,000 11,700
 N. Y. C. & St. L. R.R., 1931, 4%..... 10,000 8,400
 N. Y., N. H. & N. R.R., 1955, 4%..... 20,000 14,800
 N. Y., O. & W. Ry., 1915, 5%..... 5,000 5,000
 No. Me. Seaport R.R., 1935, 5%..... 15,000 12,500
 No. Pac. Gt. No. Ry., col. 1921, 4%..... 27,000 26,190
 Rich. Wash., 1943, 4%..... 9,000 8,350
 R. I., Ark. & La. R.R., 1934, 4 1/2%..... 5,000 4,150
 St. L. Mohts' Bg. Tm. Ry., 1930, 5%..... 25,000 25,750
 West End St. Ry., 1917, 4%..... 5,000 4,900
 Worcester & Holden St. Ry., 1923, 5%..... 4,000 3,960
 Amer. Agric. Chem., 1924, 5%..... 5,000 4,860
 Amer. Tl. & Tg., 1929, 4%..... 22,000 19,560
 Amer. Writing Paper, 1919, 5%..... 10,000 6,700
 Conn. River Pow., 1937, 5%..... 5,000 4,700
 Consumers Pow., 1936, 5%..... 10,000 9,400
 Kansas Gas & El., 1922, 5%..... 5,000 4,800
 New Eng. Tl. & Tg., 1919, 5%..... 10,000 10,000
 New Eng. Tl. & Tg., 1930, 4%..... 17,000 15,130
 No. Tex. El., 1940, 5%..... 5,000 4,750
 T. H. To. & L., 1944, 5%..... 5,000 4,350
 Western El., 1922, 5%..... 2,000 2,040
 Westn. Union Tg., 1950, 4 1/2%..... 20,000 18,400
 Totals (book value, \$485,687)..... \$500,000 \$457,450

TERRITORY COVERED: The company is licensed in Ill., Mass., Mich., N.Y., R. I., N. C., Wis., Me., N. H., O. and Pa.

SAFETY MUTUAL FIRE INSURANCE COMPANY, Lebanon, Pa.

President, J. R. Beckley; Secretary, S. R. Seabold. Organised, 1893.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$23,778	.....	—\$5,714	\$44,101	\$45,207	\$34,500	.....	\$19,327	\$53,887	\$27,059
1913	26,278	.....	—189	70,214	70,214	50,300	\$12,521	6,238	66,063	.....
1912	24,935	.....	—143	42,192	42,192	33,363	.....	11,167	44,558	.....

ASSETS, DEC. 31, 1914: Reins. due, \$1,137; overcharge, \$3,422; cash, \$619; agents' balances, \$2,316; uncollected am'ts, \$15,104; Klein judgement, \$1,200; total assets, \$23,798. Li-

bilities: Losses unpaid, \$17,502; borrowed money, \$11,320; other liabilities, \$670; total liabilities, \$29,492; Fire risks in force, December 31, \$5,918,998.

SALEM COUNTY MUTUAL INSURANCE COMPANY, Salem, N. J.

President, Henry M. Rumsey; Secretary, J. B. Hilliard. Organised, 1849.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$85,341	\$1,835	\$82,912	\$3,677	\$8,128	\$1,015	\$3,505	\$1,211	\$5,781	\$1,114
1913	83,338	1,838	80,905	3,700	7,553	442	3,474	2,012	5,928	442
1912	83,382	1,534	81,453	3,075	6,304	836	2,894	790	4,529	837

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$28,450	Losses unpaid.....	\$99
Bonds and stocks.....	54,716	Perp. dep. real.....	1,835
Cash.....	1,367	Other liabilities.....	495
Interest and rents.....	608	Total liabilities.....	\$3,429
Other assets.....	200	Surplus.....	82,912
Total assets.....	\$85,341	Total.....	\$85,341

MORTGAGE LOANS: There are 14 loans for \$28,450, protected by dwellings, farm lands and business block, valued at more than double the amount loaned. There was no interest past due on December 31, last. Company holds \$22,450 of insurance on the buildings.

SALEM MUTUAL FIRE INSURANCE COMPANY, Salem, Mass.

President, S. Herbert Wilkins; Secretary, Arthur Derby. Organised, 1838.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$24,992	\$4,432	\$13,890	\$31,672	\$56,453	\$115,163	\$9,646	\$10,593	\$135,402	\$113,214
1913	107,096	51,662	49,714	50,139	54,062	22,352	11,115	15,631	49,098	22,337
1912	104,747	48,076	52,284	43,509	47,277	18,080	10,796	14,818	43,094	18,080

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$8,700	Losses unpaid.....	\$26
Bonds and stocks.....	7,825	Unearned prem's.....	4,432
Cash.....	1,906	Other liabilities.....	6,644
Agents' balances.....	6,442	Total liabilities.....	\$11,102
Interest and rents.....	119	Surplus.....	13,890
Total assets.....	\$24,992	Total.....	\$24,992

Net amount of members' liability, Dec. 31, \$104,884; underwriting loss, \$45,282; investment profit, \$35,146.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,081,207; premiums thereon, \$12,841.

Losses paid since organization, \$576,135.

MORTGAGE LOANS: There are 4 loans, for \$8,700, on real estate at Lynn, Salem and Peabody, Mass., valued at \$16,550. Company holds \$9,800 of fire insurance on the buildings.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Malden, Mass.....		\$5,000	\$4,900
Stocks.			
Boston & Maine, p.....		700	385
Boston & Maine, c.....		200	70
Salem Gas Light Co.....		2,300	5,390
Totals (book value, \$5,100).....		\$7,825	\$7,825

MISCELLANEOUS: Conflagration loss: Salem, 1914, \$95,846. TERRITORY COVERED: The company is licensed in Mass. and Vt.

SECURITY MUTUAL FIRE INSURANCE COMPANY, Chatfield, Minn.

President, Frank L. Tesco; Secretary, Charles L. Thurber. Organised, 1898.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$96,459	\$53,857	\$1,151	\$189,672	\$194,886	\$98,967	\$20,072	\$56,580	\$175,619	\$120,362
1913	72,699	40,740	19,560	131,995	136,376	69,545	8,423	48,439	126,407	63,194
1912	64,834	40,948	3,916	140,471	143,226	82,169	5,693	49,758	118,720	83,426

‡ Excludes \$8,000 repaid directors.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$36,200	Losses unpaid.....	\$28,843
1st N. Bk., Chatfield.....	1,300	Unearned prems.....	53,859
Cfs. of Dep.....	15,000	Other liabilities.....	12,606
Cash.....	5,712		
Agents' balances.....	27,644	Total liabilities.....	\$95,308
Interest.....	616	Surplus.....	1,151
Other assets.....	950		
Premium notes.....	9,037		
Total assets.....	\$96,459	Total.....	\$96,459

Net amount of members' liability, Dec. 31, \$252,696; underwriting loss, \$24,027; investment profit, \$3,145.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$12,617,303; premiums thereon, \$212,521.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,391,812; losses paid, \$702,938; dividends paid, cash, \$152,241.

MORTGAGE LOANS: There are 31 loans, aggregating \$36,200, protected by first liens on improved farm property mainly in North Dakota with a few in Minn. and Mont., valued at \$124,320. There was no interest past due on December 31, last. Company holds \$5,316 of insurance on the buildings.

MISCELLANEOUS: This company reinsured the business of the Citizens Fire Association of Mankato, Minn., February 14, 1910, and of the Retail Merchants' Mutual Fire Ins. Co. of Sioux Falls, S. D., under date of Jan. 16, 1914, accounting in part for depletion of surplus, as that company had but very little cash assets to take care of business and therefore necessitated the Security putting up the reinsurance reserve liability.

DIRECTORS: F. L. Tesco, C. L. Thurber, G. R. Thompson, A. C. Bibbins, F. G. Stoudt, C. H. White, F. H. Tuper, J. W. Cowing, Lars Christianson.

FIELD MEN AND TERRITORY COVERED: F. H. Wilder, State agent, Fargo, N. D.; N. S. Tyler, State agent, Sioux Falls, S. D.; Willard Snow, special agent, Sioux Falls, S. D.; D. B. Franklin, Rochester, J. C. Durfee, Minneapolis, R. C. Nelson, Albert Lea, special agents for Minn.; John Stoudt, Minot, N. D.; T. J. Atwood, Jamestown, N. D. and M. D. Clark, Larimore, N. D., special agents for N. D.; A. F. Houts & Co., N. Y. C., eastern representatives for surplus lines; Brown Anderson & Young, Chicago, and A. J. Van Delise & Co., Indianapolis, Ind., Western representatives; Chas. W. Smith & Co., San Francisco, Cal., Pacific Coast representatives for surplus lines; John P. Meahan, Montreal, and Clapp & Anderson, Toronto, Canadian representatives for surplus lines. The company is licensed in Minn., N. D. and S. D.

SECURITY MUTUAL FIRE INSURANCE COMPANY OF DELAWARE COUNTY, Delhi, N. Y.

President, J. R. Honeywell; Secretary, O. S. Nichols. Organised, 1897.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$39,777	\$16,988	\$21,204	\$24,381	\$25,734	\$11,442	.....	\$8,729	\$20,171	.....
1913	34,599	15,685	18,096	22,882	24,189	17,486	.....	8,218	25,704	.....
1912	36,374	14,554	21,820	20,154	21,452	10,678	.....	7,456	18,034	.....

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$18,750	Losses unpaid.....	\$1,585
Bonds, Trn. of Andes.....	1,740	Unearned prems.....	16,988
Cash.....	14,766		
Agents' balances.....	3,828	Total liabilities.....	\$18,573
Interest.....	693	Surplus.....	21,204
Total assets.....	\$39,777	Total.....	\$39,777

RISKS AND PREMIUMS: Fire risks in force December 31, \$4,581,979; premiums thereon, \$40,508.

MORTGAGE LOANS: There are 14 loans, for \$18,750, on property in Delaware, Ulster and Sullivan Counties, valued at \$49,500. Insurance held by Co., \$21,050.

MISCELLANEOUS: The Law of 1910 allows co-operative companies seven years to gradually accumulate a reserve.

SHREWSBURY MUTUAL FIRE INSURANCE COMPANY, Eatontown, N. J.

President, Joseph T. Field; Secretary, George F. Spinning. Organised, 1838.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$37,497	\$9,706	\$26,998	\$11,362	\$12,899	\$7,153	.....	\$2,583	\$9,736	\$7,153
1913	34,491	9,326	24,590	10,134	11,444	6,910	.....	2,723	9,530	6,847
1912	32,484	9,194	22,437	10,954	12,223	7,155	.....	2,355	9,510	6,663

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$8,700	Unearned prems.....	\$9,706
Bonds and stocks.....	20,400	Other liabilities.....	793
Cash.....	3,363		
Interest and rents.....	680	Total liabilities.....	\$10,499
Prem. uncollected.....	4,374	Surplus.....	26,998
Total assets.....	\$37,497	Total.....	\$37,497

MORTGAGE LOANS: There are loans aggregating \$8,700 protected by real estate in Monmouth County, valued at more than double the amount loaned.

SOUTH DANVERS MUTUAL FIRE INSURANCE COMPANY, Concord, Mass.

President, Prescott Keyes; Secretary, Frank Taylor. Organized, 1829.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$37,677	\$9,980	\$1,127	\$11,583	\$52,354	\$21,067	\$3,281	\$23,162	\$47,610	\$20,962
1913	33,562	20,105	12,995	11,312	15,356	4,134	6,208	4,335	14,677	4,557
1912	36,530	18,221	17,944	10,193	12,149	1,766	4,875	2,713	9,344	1,731

ASSETS, DEC. 31, 1914.

Bonds and stocks...	\$30,792
Cash.....	3,687
Agents' balances....	2,803
Interest.....	395

LIABILITIES, DEC. 31, 1914.

Losses unpaid.....	\$318
Unearned premiums....	9,930
Borrowed money.....	25,000
Other assets.....	1,302

Total liabilities....	\$36,550
Surplus.....	1,127

Total assets.....	\$37,677
Total.....	\$37,677

Underwriting loss, \$8,964; investment profit, \$6,506.

RISKS AND PREMIUMS: Fire risks in force Dec. 31, \$1,149,173; premiums thereon, \$18,409.

BONDS AND STOCKS OWNED.

	Par Value.	Market Value.
City of Prov., R. I.....	\$4,000	\$4,000
Boston & Me. R. R.....	3,000	1,920
N. Y., N. H. & H. R. R.....	2,000	1,560

BONDS AND STOCKS OWNED.—Cont.

STOCKS.—Cont.

	Par Value.	Market Value.
Penn. R. R. Co.....	\$2,000	\$2,000
Am. Tel. & Tg. Co.....	1,500	1,485
Am. Tl. & Tg. Co.....	2,000	1,780
N. E. Tl. & Tg.....	1,000	1,010
United Fruit Co.....	3,000	3,030
West Tl. & Tg., Co.....	2,000	1,940

STOCKS.

	Par Value.	Market Value.
N. Y., N. H. & H. R. R.....	1,500	825
Penn. R. R. Co.....	3,060	3,385
Cape Ann Nat. Bk.....	100	150
Warren Nat. Bk.....	2,000	2,140
Amer. Tl. & Tg. Co.....	1,200	1,476
Androsoggin Mills.....	2,000	2,740
Nashua Mfg. Co.....	1,000	1,250

Totals (book value, \$34,065).....	\$31,350	\$30,792
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SOUTHERN MUTUAL INSURANCE COMPANY, Athens, Ga.

President, Billups Phinix; Secretary, A. E. Griffith. Organized, 1847.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$1,151,318	\$193,744	\$795,977	\$387,588	\$455,984	\$122,599	\$235,544	\$102,545	\$460,688	\$127,816
1913	1,174,096	191,573	821,968	383,147	434,116	83,952	229,579	88,523	402,054	85,999
1912	1,159,180	187,460	829,803	374,920	440,412	113,340	203,077	101,619	418,036	117,808

ASSETS, DEC. 31, 1914.

Real estate.....	\$265,000
Bonds and stocks.....	848,025
Cash.....	11,823
Agents' balances....	6,351
Interest and rents...	20,119

LIABILITIES, DEC. 31, 1914.

Losses unpaid.....	\$11,166
Unearned premiums....	193,794
Policyholders' div. unp.....	150,179
Other liabilities....	232

Total liabilities....	\$355,341
Net surplus.....	795,977

Total assets.....	\$1,151,318
Total.....	\$1,151,318

Underwriting profit, \$169,201; investment profit, \$35,991.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$41,433,732; premiums thereon, \$387,588.

BUSINESS SINCE ORGANIZATION: Premiums received, \$15,676,869; losses paid, \$5,788,870; dividends declared, cash, \$7,267,526.

REAL ESTATE OWNED: Seven-story reinforced concrete office building, cost \$242,500, and a 3-story brick office building situated in Athens, Ga., valued at \$22,500. Net rents received last year, \$11,617.

BONDS AND STOCKS OWNED.

BONDS.

	Par Value.	Market Value.
Georgia, 4 1/2%.....	\$282,000	\$282,000
Georgia, 4%.....	50,000	50,000
Georgia, 3 1/2%.....	123,500	117,325
Clarke Co., Ga., 4%.....	32,500	32,500
Athens, Ga., 4 1/2%.....	50,000	50,000
Savannah, Ga., 4 1/2%.....	25,000	25,750
Atlanta, Ga., 4 1/2%.....	10,000	10,200

STOCKS.

	Par Value.	Market Value.
Augusta & Savannah R. R.....	50,000	51,000
Georgia R. R. & Bkg. Co.....	50,000	125,000
South Western R. R.....	50,000	51,500
Nat. Ex. Bk., Augusta.....	10,000	13,000
Georgia Nat. Bk., Athens.....	15,000	27,750
Amer. State Bk., Athens.....	10,000	12,000

Totals (book value, \$758,000).....	\$758,000	\$848,025
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TERRITORY COVERED: Ga. only.

SOUTHERN KANSAS MUTUAL INSURANCE CO., Wellington, Kan.

President, H. F. Harbaugh; Secretary, Floyd N. Anderson. Organized 1888.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$52,882	.....	\$52,882	\$51,727	\$54,100	\$34,719	.....	\$15,098	\$49,817	\$34,719

ASSETS, DEC. 31, 1914: Real estate, \$4,350; mortgage loans, \$35,900; cash, \$12,190; agents' balances, \$542; total assets, \$52,882. No liabilities.

Premium notes in force Dec. 31, 1914, \$243,704.

Fire and tornado risks in force, December 31, \$19,065,758.

REAL ESTATE OWNED: The company owns its home office building valued at \$4,350; rents received last year, \$257; expenses, \$84.

MORTGAGE LOANS: There are 22 loans aggregating \$35,800 on well protected property. The Kansas Law limits company to 50% of value, but it is endeavored to loan on about 35% of value of property. The company holds ample insurance on the mortgaged property. On Dec. 31, last, there was \$42 of interest past due.

MISCELLANEOUS: The company employs local agents only and operates in Kan.

SOUTHERN STATES MUTUAL FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, F. A. Downes; Secretary, G. C. Hopson. Organized, 1907.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$80,801	\$32,788	\$26,146	\$47,937	\$50,348	\$12,870	\$42,015	\$8,036	\$62,921	\$14,306
1913	73,373	40,743	31,984	71,777	73,991	6,003	43,136	8,545	57,684	6,399
1912	59,796	36,855	22,460	62,559	64,497	23,654	30,727	9,724	64,105	22,293

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks...	\$45,500	Losses unpaid.....	\$1,747
Cash.....	11,402	Unearned premis.....	32,788
Agents' balances.....	2,894	Other liabilities.....	120
Interest and rents.....	1,004		
		Total liabilities.....	\$34,655
		Surplus.....	26,146
Total assets.....	\$60,801	Total.....	\$60,801

Underwriting profit, \$33,765; investment profit, \$2,411.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,865,176; premiums thereon, \$65,576.

BUSINESS SINCE ORGANIZATION: Premiums received, \$428,624; losses paid, \$106,717; dividends declared, cash, \$198,175.

BONDS OWNED:		Book Value.
St. L., I. Mtn. & So. Ry., 4%.....		\$3,750
Colorado & So. Ry., 4%.....		4,500
Minneapolis & St. L. R. R., 4%.....		2,000
Kan. Cy., Ft. Scott & Mem. Ry., 4%.....		3,650
Winston-Salem Southbound Ry., 4%.....		4,350
St. P. & Kan. Cy. Short Line, 4%.....		3,800
Brunswick & W. R. R., 4%.....		4,700
Chl., Bur. & Q. R. R., 3 1/4%.....		4,250
Wash. Tm., 3 1/4%.....		4,200
Seaboard & Roanoke R. R., 5%.....		5,300
Laurens, S. C., 5%.....		5,100
Total.....		\$45,500

MISCELLANEOUS: This company is under the same management as the Keystone, Manton, National and Atlantic Mutual Fire Insurance Companies.

TERRITORY COVERED: The company is licensed in Pennsylvania and South Carolina.

STANDARD MUTUAL FIRE INSURANCE COMPANY, Philadelphia, Pa.

President, James Henry; Secretary, E. I. Atlee. Organized, 1902.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$212,315	\$97,953	\$111,428	\$170,390	\$180,947	\$7,082	\$144,747	\$20,177	\$172,006	\$7,782
1913	210,535	100,377	108,591	177,345	188,024	8,274	144,852	18,648	171,274	8,211
1912	202,181	91,142	109,639	176,135	185,863	7,601	147,340	16,674	171,615	7,801

* Securities as per company's valuations; item in assets per insurance department values.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$190,890	Losses unpaid.....	\$1,700
Cash.....	11,732	Unearned premis.....	97,953
Agents' balances.....	6,580	Other liabilities.....	1,234
Interest.....	3,113		
		Total liabilities.....	\$100,887
		Surplus.....	111,428
Total assets.....	\$212,315	Total.....	\$212,315

Net amount of members' liability, Dec. 31, \$1,004,487; underwriting profit, \$140,454; investment profit, \$7,519.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$33,475,370; premiums thereon, \$200,897.

BUSINESS SINCE ORGANIZATION: Premiums received, \$2,188,265; losses paid, \$234,006; dividends declared, cash, \$1,611,568.

BONDS OWNED:		Par Value.	Market Value.
Cp. Stk., N. Y. wat. sup., 1958, 4%.....		\$26,000	\$26,000
Cp. Stk., N. Y. wat. sup., 1960, 4 1/4%.....		25,000	25,250
Amer. Ry., 1961, 5%.....		15,000	13,500
Aurora E. & Chl. Ry., 1946, 5%.....		10,000	9,100
B., E. & Bos. Ry., 1941, 5%.....		5,000	2,400
Cent. Mkt. St. Ry., Col., C., 1922, 5%.....		5,000	4,850
Clev. & Erie Ry., 1929, 5%.....		4,000	1,400
Clev. & Erie Ry., Inc., 1929, 5%.....		4,000	400

BONDS OWNED—Cont.		Par Value.	Market Value.
Col., N. & Z. El. Ry., 1926, 5%.....		\$10,000	\$8,700
Ill. Cent. Co., 1933, 5%.....		10,000	9,600
Jackson Lt. & Co., 1922, 5%.....		5,000	4,750
Jersey Cent. Co., 1931, 5%.....		5,000	4,900
S., F. & So. R.R., 1936, 5%.....		5,000	3,750
Union Tc. of Independence, 1937, 5%.....		8,000	5,920
W. & J. St. Ry., 1934, 5%.....		5,000	4,750
Western Ohio Ry., 1921, 5%.....		10,000	9,000
Christian Co. Tl. Ill., 1926, 6%.....		5,000	4,700
Continental Gas & El. Co., 1927, 5%.....		6,000	5,280
Gas Lt., Augusta, Ga., 1934, 5%.....		5,000	4,500
Jacksonville Gas, 1942, 5%.....		11,000	10,340
No. Ind. Gas & El., 1929, 5%.....		5,000	4,500
Seattle Lighting, 1920, 6%.....		8,000	8,000
Swn. Gas & El., 1932, 5%.....		15,000	13,650
York Haven Wat. & Pow., 1951-57, 5%.....		9,000	6,150
Totals (book value, \$205,376).....		\$216,000	*\$191,290

* Securities as per company's valuation; the item in assets is based on insurance department valuation.

DIRECTORS: James Henry, Joseph Fling, Joseph M. Adams, John Hamilton, E. H. Morris, Isaac A. Smith, George T. Williams, John W. H. Brooks, Edwin I. Atlee.

TERRITORY COVERED: The company operates in Ill., Mich., Pa. and Wis.

STATE MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.

President, John R. Freeman; Secretary, Theo. P. Bogert. Organized, 1855.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$1,799,941	\$1,145,658	\$626,031	\$1,223,190	\$1,310,525	\$334,833	\$930,463	\$88,339	\$1,353,634	\$340,682
1913	1,538,337	816,300	1,001,008	807,916	834,064	120,499	644,323	\$7,041	851,773	122,313
1912	1,333,433	933,317	987,282	999,338	1,090,718	82,049	850,064	129,619	1,061,732	88,433

STATE MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$1,719,769	Losses unpaid	\$16,848
Cash	32,708	Unearned premiums	1,145,658
Agents' balances	43,607	Other liabilities	11,404
Interest	3,857		
		Total liabilities	\$1,173,910
		Surplus	626,031
Total assets	\$1,799,941	Total	\$1,799,941

Net amount of members' liability, Dec. 31, \$9,856,781; underwriting profit, \$459,997; investment profit, \$96,488.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$368,520,456; premiums thereon, \$1,971,356.

BUSINESS SINCE ORGANIZATION: Premiums received, \$27,123,488; losses paid, \$3,746,577; dividends declared, cash, \$21,942,928.

BONDS AND STOCKS OWNED:

Bonds.	Market Value.
U. S. reg., 1925, 4%	\$99,900
R. I. State, 1909, 3 1/2%	12,880
R. I. State, 1909, 3 1/2%	45,000
Amer. Tl. & Tg., cv. c., 1933, 4 1/2%	116,820
B. & O. R.R., cv. c., 1933, 4 1/2%	5,520
Chi., M. & St. P. Ry., cv. c., 1932, 4 1/2%	4,794
N. Y., N. H. & H. R.R., d. cfs., 1923, 6 7/8%	6,678
So. Pac. cv. c., 1919, 4%	5,160
So. Pac. cv. c., 1919, 5%	13,260
Stocks.	
Ath. & Souq. R.R.	5,565
Boston & Prov. R.R.	47,000
Clev. & Pitts. R.R.	58,100
Ill. Cent. R.R., leased lines	25,500
Manhattan Ry.	53,200
Morris & Essex R.R.	42,750
N. Y., Lack. & West. R.R.	40,800
Old Colony R.R.	75,000
Pitts., Bos. & Lake Erie R.R., p.	25,000
Pitts., Ft. W. & Chi. Ry.	65,600
West End St. Ry.	34,580
Ath., Top. & Santa Fe Ry., p.	20,600

BONDS AND STOCKS OWNED.—Cont.		Market Value.
STOCKS.—Cont.		
B. & O. R.R., c.		\$4,006
B. & O. R.R., p.		18,144
Chi., Gt. W. R.R., p.		20,900
Chi., Mil. & St. P. Ry., c.		35,343
Chi., Mil. & St. P. Ry., p.		56,682
Chi., St. P., M. & O. Ry.		39,300
Chi. & Nwn. Ry.		89,775
C., C. & St. L. Ry., p.		10,000
Gt. No. Ry., p.		105,400
Minn., St. P. & S. Ste. M. Ry., c.		19,587
Minn., St. P. & S. Ste. M. Ry., p.		46,243
N. Y., N. H. & H. R.R.		14,575
No. Pac. Ry.		35,520
Pa. R.R.		117,660
So. Pac.		48,000
So. Pac. cfs. of int.		15,046
So. Ry. Co., p.		6,800
Un. Pac. R.R., c.		25,600
Un. Pac. R.R., p.		33,200
Ca. Gas, N. Y.		51,600
Merchants Nat. Bk.		9,900
Providence Gas Co.		9,800
Puget Sound T. L. & P., c.		1,530
Puget Sound T. L. & P., p.		35,394
Pullman Co.		31,000
U. S. Steel Cp., p.		33,000
Total		\$1,717,481

MISCELLANEOUS: This company, together with the American, Enterprise, Manufacturers, Mechanics and Rhode Island Mutual Fire Insurance Companies, all of Providence, is under the same management. Company operates in U. S. and Can. and is licensed in Ill., Mo., Mass., Mich., N. H., N. Y., N. C., O., Pa., R. I., S. C. and Wis.

DIRECTORS: Henry F. Lippitt, Robert I. Gammell, John R. Freeman, William Ames, Jesse H. Metcalf, A. Lockwood Danielson, Chas. H. Merriman, Webster Knight, Samuel M. Nicholson, E. D. Pease, A. H. Tillinghast, H. D. Sharpe, H. O. Sturges, Jno. Chace, A. B. Chace.

STATE MUTUAL FIRE INSURANCE COMPANY, Rutland, Vt.

President, Wallace W. Nichols; Secretary, J. R. Hoadley. Organized, 1899.

Year	Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$126,247	\$3,465	\$2,558	\$15,100	\$15,100	\$8,406			\$8,406	\$8,965
1913†	*16,143	3,583	1,997	14,144	19,491	6,922		\$9,312	16,234	6,363
1912	32,255	3,233	3,127	15,427	20,760	12,036		7,118	19,154	12,036

* Exclusive of guarantee fund, \$11,986.

† Statement as of July 31.

‡ Including guarantee fund, \$12,503.

Net amount of members' liability, Dec. 31, \$271,243; underwriting profit, \$2,411.

STERLING FIRE INSURANCE COMPANY, Cobleskill, N. Y.

President, Jurison Birhans; Secretary, W. D. Colclough. Organized, 1895.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$26,799	\$20,472	\$5,649	\$30,063	\$30,714	\$19,333		\$10,713	\$30,046	
1913	26,184	17,731	8,453	25,407	26,097	16,412		9,384	25,796	
1912	25,878	16,682	9,196	23,869	24,586	12,364		9,128	21,492	

ASSETS, Dec. 31, 1914.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Cash	\$22,803	Losses unpaid	\$677
Agents' balances	3,995	Unearned premiums	20,472
		Total liabilities	\$21,149
		Surplus	5,649
Total assets	\$26,798	Total	\$26,798

RISKS AND PREMIUMS: Fire risks in force December 31, \$5,531,333; premiums thereon, \$48,382.

MISCELLANEOUS: The law of 1910 allows co-operative companies seven years to gradually accumulate reserves.

SUFFOLK COUNTY MUTUAL INSURANCE COMPANY, Southold, N. Y.

President, Samuel Dickerson; Secretary, Albert A. Folk. Organized, 1836.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$97,951	\$4,657	\$93,294	\$9,272	\$14,253	\$12,388		\$4,818	\$17,206	\$12,388
1913	100,855	4,708	96,152	9,310	14,385	3,461		4,641	8,102	3,450
1912	94,677	4,651	90,226	9,230	14,066	6,720		4,425	11,145	6,678

SUFFOLK COUNTY MUTUAL INSURANCE COMPANY, Southold, N. Y.—Cont.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$79,950	Unearned prems.	\$4,657
Cash.....	16,143	Surplus.....	93,294
Agents' balances.....	379		
Interest.....	1,479		
Total assets.....	\$97,951	Total.....	\$97,951

Underwriting loss, \$7,912; investment profit, \$5,054.

RISK AND PREMIUMS: Fire risks in force, December 31, \$4,488,519; premiums thereon, \$9,314.

BUSINESS SINCE ORGANIZATION: Premiums received, \$372,296; losses paid, \$254,179.

MORTGAGE LOANS: There are 46 loans, ranging from \$100 to \$5,000, all but four being secured by Suffolk Co. properties. Most of them are upon dwellings and lots (or acreage); one of \$2,000 is upon a brick store at Southold, valued at \$4,000; one of \$5,000 is upon a lumber yard and wharf at Greenport, valued at \$15,500 (insurance, \$4,950). But \$214 of interest was paid due on Dec. 31, last, and the securities are considered worth \$208,086.

MISCELLANEOUS: The company operates in Suffolk Co., N. Y., only and transacts all business from the home office. The company has never levied an assessment.

THE SUN MUTUAL INSURANCE COMPANY, Cincinnati, O.

President, Samuel Nieman; Secretary, H. B. Eckelmann; Assistant Secretary, Jno. H. Tuke. Organized, 1862.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to Policyholders	Expenses	Total Expenditures	Losses Incurred
1914	\$192,430	\$52,069	\$138,402	\$22,751	\$36,173	\$9,785	\$9,969	\$11,741	\$31,495	\$9,785
1913	187,941	52,288	133,818	25,704	39,402	8,165	10,945	16,721	35,834	8,574
1912	196,816	50,273	138,565	24,862	40,367	9,150	9,832	13,005	32,037	8,741

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$63,000	Unearned prems.	\$52,069
Bonds and stocks.....	124,688	Other liabilities.....	1,959
Cash.....	4,010	Total liabilities....	\$54,028
Agents' balances.....	398	Net surplus.....	138,402
Interest and rents.....	145		
Other assets.....	188		
Total assets.....	\$192,430	Total.....	\$192,430

Net amount of premium notes, Dec. 31, \$363,750.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$8,588,965; premiums thereon, \$101,688.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,007,776; losses paid, \$323,071; dividends declared, cash, \$119,728.

REAL ESTATE OWNED: Consists of the company's home office and apartment building. The rents received for 1914 were \$5,120 and the expenses were \$2,566.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
BONDS.			
Cy. Wat. Wks.....		\$10,000	\$9,200
STOCKS.			
Cincinnati St. Ry.....		25,000	26,500
Cincinnati Gas & El.....		31,000	19,840
Cy. & Sub. Bell Tel.....		19,500	38,610
John Shillito Co.....		4,000	3,000
Ohio Tr.....		9,000	6,750
Barney & Smith Co.....		3,000	1,350
Ohio State Tel.....		3,700	3,478
Ohio City Gas.....		24,000	15,960
Totals.....		\$119,200	\$115,488

TERRITORY COVERED: O. only.

TENNESSEE FARMERS MUTUAL FIRE INSURANCE COMPANY, Nashville, Tenn.

President, F. H. Dunklin; Secretary and Treasurer, A. A. DeLong. Organized 1911.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to Policyholders	Expenses	Total Expenditures	Losses Incurred
1914	\$41,201	\$6,187	\$34,564	\$13,626	\$15,688	\$5,305	\$235	\$5,598	\$11,128	\$5,305
1913	36,438		736,389	11,035	12,900	4,609	633	5,015	10,257	4,609
1912	34,450		8,906	10,138	13,911	639	*1,480	3,546	5,665	639

* Interest on guaranty capital.

† Includes guaranty capital.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$38,125	Unearned prems.	\$6,187
Cash.....	1,419	Other liabilities.....	451
Agents' balances.....	638	Total liabilities....	\$6,638
Interest and rents.....	754	Guaranty capital....	25,325
Other assets.....	265	Net surplus.....	9,238
Total assets.....	\$41,201	Total.....	\$41,201

Fire risks in force, December 31, \$2,511,041.

Losses paid since organization, \$11,279.

MORTGAGE LOANS: There are 30 first mortgage loans aggregating \$38,125 on land valued at double the amount. The mortgages are on farm lands only and range in amount from \$500 to \$6,000. No interest was paid due on Dec. 31, last.

TERRITORY COVERED: Tenn. only.

TEXAS NATIONAL MUTUAL FIRE INSURANCE COMPANY, Fort Worth, Tex.

President, Edwin E. Bewley; Secretary and Manager, Glen Walker. Organized, 1913.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$21,758	\$13,805	\$5,143	\$39,979	\$41,044		\$14,508	\$7,486	\$10,630	\$17,089
1913	15,067	11,207	3,417	39,701	39,746	\$19,507	1,038	4,134	24,823	19,766
1912	142,376	26,906	7,993	73,623	82,446	62,201		24,843	87,044	65,046

TEXAS NATIONAL MUTUAL FIRE INSURANCE CO., Fort Worth, Tex.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$8,325	Losses unpaid.....	\$2,840
Cash.....	11,858	Unearned premiums.....	13,605
Agents' balances.....	1,401	Other liabilities.....	170
Interest.....	174		
		Total liabilities.....	\$16,615
		Surplus.....	5,143
Total assets.....	\$21,758	Total.....	\$21,758

Net amount of premium notes, Dec. 31, \$63,573.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$3,115,197; premiums thereon, \$34,011.

BUSINESS SINCE ORGANIZATION: Premiums received, \$79,680; losses paid, \$34,015.

MORTGAGE LOANS: There are 14 first liens, aggregating \$83,264, and protected by improved real estate in Fort Worth, valued at \$21,100. There was no interest past due on December 31, last. The company holds \$10,850 of insurance on the mortgaged buildings.

DIRECTORS: Ben. O. Smith, Edwin E. Bewley, Glen Walker, B. H. Gets, Ed. K. Collett, J. W. Irion.

TERRITORY COVERED: Company operates in Tex. only.

TOMPKINS COUNTY CO-OPERATIVE FIRE INSURANCE COMPANY, Ithaca, N. Y.

President, Robert G. H. Speed; Secretary, A. B. Rust. Organized 1887.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$73,513	\$79,834	—\$21,373	\$182,500	\$184,386	\$116,094		\$31,801	\$147,895	
1913	47,112	131,377	—108,055	180,135	182,080	140,285		54,199	174,484	
1912	92,332		\$79,422	196,145	198,403	158,719			212,664	

* Includes unearned premiums.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$22,333	Losses unpaid.....	\$15,062
Cash.....	38,186	Unearned premiums.....	79,834
Agents' balances.....	11,468		
Interest.....	61	Total liabilities.....	\$94,896
Other assets.....	1,465	Excess of liabilities..	21,373
Total assets.....	\$73,513	Total.....	\$73,513

RISKS AND PREMIUMS: Fire risks in force, December 31, \$26,080,398; premiums thereon, \$239,164.

BONDS OWNED:		Book Value.	Market Value.
Ithaca.....		\$5,000	\$5,060
Ithaca.....		10,000	9,800

BONDS OWNED.—Cont.

	Book Value.	Market Value.
Ithaca.....	\$2,000	\$2,020
Groton, 1915—\$2, 44%.....	5,400	5,463
Totals (book value, \$22,400).....	\$22,400	\$22,533

MISCELLANEOUS: The law of 1910 allows co-operative companies seven years to gradually accumulate a reserve.

This company states as of June 10 that it had levied an assessment estimated by the company and the Insurance Department to be sufficient to pay all liabilities and to increase the reserve required by the new law, the larger part of which has already been collected.

TOWN OF HERMAN MUTUAL FIRE INSURANCE CO., Plymouth, Wis.

President, George W. Wolff; Secretary, Henry Greibe. Organized 1871.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$46,443		\$46,443	\$9,246	\$11,010	\$8,856		\$1,370	\$10,317	\$3,886
1913	45,750		45,750	9,915	9,673	8,214	\$96	1,176	9,487	8,214
1912	45,564		45,564	8,755	10,139	3,267		1,116	4,499	3,267

ASSETS, DEC. 31, 1914: Mortgage loans, \$27,500; collateral loans, \$7,235; cash, \$11,719; total assets, \$46,443. No liabilities.

Fire risks in force, December 31, \$7,524,128.

BUSINESS SINCE ORGANIZATION: Premiums received, \$187,517; losses paid, \$147,024.

MORTGAGE LOANS: These loans aggregate \$27,500 on farm property valued at about three times the amount loaned thereon.

TRADERS AND MECHANICS MUTUAL FIRE INSURANCE COMPANY, Lowell, Mass.

President, C. C. Hutchinson; Secretary, E. M. Tucke. Organized, 1848.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$479,376	\$312,113	\$120,413	\$186,215	\$235,311	\$118,886	\$80,400	\$77,112	\$276,398	\$118,886
1913	\$26,926	\$13,350	\$83,442	\$80,823	\$206,662	\$9,383	\$5,858	\$1,067	\$215,798	\$9,746
1912	\$72,651	\$31,986	\$11,404	\$87,756	\$33,010	\$7,342	\$8,871	\$4,477	\$20,709	\$3,709

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$17,000	Losses unpaid.....	\$4,745
Mortgage loans.....	42,077	Unearned premiums.....	312,113
Bonds and stocks.....	353,366	Borrowed money.....	37,500
Collateral loans.....	18,760	Other liabilities.....	5,105
Cash.....	4,484		
Agents' balances.....	14,365	Total liabilities.....	\$359,963
Interest and rents.....	2,243	Surplus.....	120,413
Other assets.....	82		
Total assets.....	\$479,376	Total.....	\$479,376

RISKS AND PREMIUMS: Fire risks in force, December 31, \$41,526,383; premiums thereon, \$625,797.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,200,288; losses paid, \$2,602,541; dividends declared, cash, \$2,554,464.

REAL ESTATE OWNED: Consists of a brick block in Chicago, carried at market value and a small frame dwelling. Net rents received last year \$1369.

MORTGAGE LOANS: There are 13 loans, aggregating \$42,076, and are protected by improved real estate, principally dwellings in Lowell, Mass., valued at \$54,200. There was \$184 of

TRADERS AND MECHANICS MUTUAL FIRE INS. CO., Worcester, Mass.—Cont.

interest past due on December 31, last. The company holds \$41,650 of insurance on the buildings.

COLLATERAL LOANS are as follows:

	Par Value.
Lowell Gas Lt Co.....	\$400
Tremont & Suffolk Mills.....	200
Deere & Co., p.....	2,300
Amalgamated Copper.....	2,000
U. S. Smelting.....	1,000
Edmond Mills, p.....	1,000
St. Mary's Mineral Land.....	250
Amer. Tl. & Tg.....	1,300
Massachusetts El., p.....	4,500
Massachusetts El., p.....	10,000
Merrimack Mfg., com.....	1,000
Merrimack Mfg., p.....	600

Total (market value, \$19,304)..... \$24,350

BONDS AND STOCKS OWNED:

	Par Value.
Amer. Tl. & Tg.....	\$16,000
Commonwealth of Mass.....	25,000
Bos. & Maine R. R.....	45,000
Ill. Cen. R. R., Q. Div.....	15,000
Long Island R. R.....	11,000
New England R. R.....	10,000
Ogdensburg & Lake Champlain R. R.....	20,000
Rutland Canadian.....	20,000

BONDS OWNED.—Cont.

	Par Value.
Southern R. R.....	\$15,000
United Tc. R. R.....	15,000

STOCKS.

	Par Value.
Boot Mills.....	3,400
Hamilton Mfg. Co.....	2,000
Lawrence Gas Co.....	9,500
Lowell Gas Lt. Co.....	44,200
Massachusetts Cotton Mills.....	20,200
Merrimack Mfg. Co., com.....	11,000
Merrimack Mfg. Co., p.....	6,600
Middlesex Co.....	500
Massachusetts Gas Co., p.....	20,000
Tremont & Suffolk Mills.....	5,000
Old Lowell Nat. Bk.....	10,000
Massachusetts El. Co., p.....	23,500
Vermont & Massachusetts R. R.....	2,500
Total.....	\$351,400

MISCELLANEOUS: Conflagration losses: Boston, 1872, \$230,000; Chelsea, 1908, \$153,000; Salem, 1914, \$19,000.

FIELD MEN AND TERRITORY COVERED: Fred G. Mason, special agent. The company operates in Conn., Ma. Mass., N. H., R. I. and Vt.

TRANSPORTATION MUTUAL INSURANCE COMPANY, Philadelphia, Pa.

President, Charles E. Mather; Secretary, Henry F. Clark. Organized, 1905.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$634,919	\$154,780	\$808,325	\$446,474	\$471,698	\$408,620	.....	\$63,935	\$472,555	\$332,223
1913	902,156	165,880	504,197	509,751	528,698	249,955	.....	65,529	315,484	270,375
1912	699,441	156,824	849,938	442,083	461,599	285,626	.....	56,674	342,300	302,235

ASSETS, Dec. 31, 1914.

Bonds and stocks.....	\$249,338
Cash.....	596,905
Premiums uncol'd.....	46,115
Interest.....	1,254
Reins. due.....	38,505
Other assets.....	2,802
Total assets.....	\$634,919

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$140,499
Unearned prem.....	154,780
Other liabilities.....	31,315
Total liabilities.....	\$326,594
Surplus.....	608,325
Total.....	\$634,919

Underwriting profit, \$73,072; investment profit, \$31,057.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$62,016,448; premiums thereon, \$267,014; marine and inland risks in force, \$1,483,070; premiums thereon, \$36,858.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,416,667; losses paid, \$2,263,970.

BONDS OWNED:

	Par Value.	Market Value.
Reading Co., & Phila. & Reading Coal & Iron Co., gn. m. g., 1907, 4%.....	\$50,000	\$47,500
Atl. Coast Line, 1 cs. m. g., 1902, 4%.....	50,000	46,875
L. S. & Mich. So., g., 1931, 4%.....	25,000	27,375
So. Ry., eq. tr., 1919, 4%.....	25,000	24,719
So. Ry., eq. tr., 1920, 4%.....	25,000	24,625
Penn. gn. freight, eq. tr., 1917, 4%.....	10,000	10,025
L. & N., A. K. & C. Div., m. g., 1905, 4%.....	25,000	22,625
N. Y. C. Lines, eq. tr. g., 1922, 4%.....	25,000	24,813
N. Y. C. Lines, eq. tr. g., 1925, 4%.....	25,000	24,781
Totals (book value, \$253,358).....	\$260,000	\$249,338

MISCELLANEOUS: This company was incorporated under the laws of Pennsylvania, April 27, 1905, and began business in June of the same year. It insures only the property of transportation companies and carriers. The company is licensed only in Pennsylvania.

TRI-STATE MUTUAL GRAIN DEALERS INSURANCE COMPANY, Luverne, Minn.

President, E. A. Brown; Secretary, E. H. Moreland. Organized 1908.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$31,682	\$5,448	\$18,650	\$21,772	\$23,204	\$18,239	.....	\$4,662	\$22,901	\$18,293
1913	31,411	8,215	16,796	32,859	34,358	17,307	\$10,763	3,987	32,057	17,307
1912	28,582	8,069	15,312	32,277	33,550	13,568	17,010	2,919	33,497	13,568

ASSETS, Dec. 31, 1914.

Cash.....	\$30,896
Agents' balances.....	258
Interest.....	526
Total assets.....	\$31,682

LIABILITIES, Dec. 31, 1914.

Unearned prem.....	\$5,443
Contingent res.....	7,000
Other liabilities.....	589
Total liabilities.....	\$13,032
Surplus.....	18,650
Total.....	\$31,682

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,661,977; premiums thereon, \$37,175.

TERRITORY COVERED: Ia., Minn. and S. D.

UNION MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.

President, Frederick W. Moses; Secretary, Clarence H. Cady. Organized, 1863.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$383,180	\$113,273	\$266,236	\$40,142	\$59,675	\$14,577	\$28,029	\$15,778	\$58,384	\$14,029
1913	376,047	113,651	259,750	39,708	59,787	8,639	26,128	15,701	50,458	8,839
1912	401,452	112,800	284,813	41,597	61,187	18,063	28,207	17,405	63,705	18,113

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$373,962	Losses unpaid	\$365
Cash	5,066	Unearned premiums	113,273
Agents' balances	2,657	Other liabilities	2,286
Interest and rents	1,485		
		Total liabilities	\$116,924
		Surplus	266,236
Total assets	\$383,180	Total	\$383,180

Contingent premiums, Dec. 31, \$222,417.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$21,584,463; premiums thereon, \$222,416.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
United States Gov., 1925, 4%	\$20,000	\$22,200
United States Gov., 1918, 3%	20,000	20,300
State of R. I., armory, 1946, 3%	10,000	8,300
R. I. Sub. Ry., 1950, 4%	5,000	5,040
United T. & E., 1923, 5%	10,000	10,000
Amer. Tl. & Tg., 1923, 4%	6,000	5,940

BONDS AND STOCKS OWNED.—Cont.

BONDS.—Cont.	Par Value.	Market Value.
Omaha & Con. Bk. st., 1923, 5%	\$10,000	\$9,600
East Ohio Gas, 1939, 5%	10,000	9,800
N. Y. & Westchester Lt., 2004, 4%	15,000	12,300

STOCKS.

C. & M. & St. P. Ry., c.	11,000	9,900
C. & N. Ry., c.	50,000	64,639
Gt. Northern R.R., p.	11,900	14,756
Hereford Ry., c.	10,000	5,000
Ill. Central Ry., c.	34,500	38,480
N. Y. L. & W. Ry., c.	20,000	23,200
Northern Pacific R.R., c.	12,000	11,100
Pa. R.R., c.	37,150	41,237
Rensselaer Saratoga R.R., c.	10,000	18,000
Amer. Tl. & Tg., c.	38,000	36,900
Republic R. & L., p.	8,000	4,560
Republic R. & L., c.	3,900	756

Totals (book value, \$242,628)..... \$315,150 \$270,682

TERRITORY COVERED: Licensed in Mass. and R. I.

UNION MUTUAL FIRE INSURANCE COMPANY, Montpelier, Vt.

President, James W. Brook; Secretary and Treasurer, H. W. Kemp. Organized, 1875.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$133,445	\$16,235	\$8,537	\$164,989	\$165,153	\$147,624		\$37,806	\$185,430	\$143,715
1913	116,376	46,130	3,339	146,395	146,292	135,950		31,148	167,098	139,397
1912	101,581	54,667	14,721	132,948	147,049	112,575		34,864	148,439	114,060

† Statements as of July 31.

ASSETS, JULY 31, 1914: Cash, \$637; agents' balances, \$3,286; commissions due Sept., 1914, \$129,522; total assets, \$133,445.
 LIABILITIES: Losses unpaid, \$3,144; unearned premiums, \$16,235; commissions due, \$13,961; borrowed money, \$86,000; other liabilities, \$5,568; total liabilities, \$124,908; surplus, \$8,537; total, \$133,445.

UNION MUTUAL FIRE INSURANCE COMPANY, Lincoln, Neb.

President, A. H. Armstrong; Secretary, Jos. W. Walt. Organized, 1886.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$14,050		\$3,176	\$202,342	\$202,715	\$75,227	\$27,876	\$73,832	\$176,935	\$78,543
1913	17,901		4,807	200,333	201,025	93,824	46,571	74,039	214,434	92,987
1912	20,112		6,320	178,995	180,158	70,952	21,931	81,279	184,162	71,406

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans	\$3,000	Losses unpaid	\$4,904
Cash	8,366	Other liabilities	5,970
Bills receivable	2,684		
		Total liabilities	\$10,874
		Surplus	3,176

Total assets..... \$14,050 Total..... \$14,050

Net amount of members' liability, Dec. 31, \$319,911.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$53,322,041; premiums thereon, \$764,181.

Losses paid since organization, \$854,671.

MORTGAGE LOANS: There is 1 loan, protected by improved real estate in Jefferson County, valued at \$9,000.

FIELD MEN AND TERRITORY COVERED: W. E. Hare, University Place, Neb.; A. E. McCrystal, Lincoln, Neb.; Frank Moore, Creighton, Neb.; and E. E. McMurran, Oxford, Neb., and J. E. Brown, Grand Island, Neb., all covering Neb., in which State only is the company licensed.

UNITED DRUGGISTS MUTUAL FIRE INSURANCE COMPANY, Boston, Mass.

President, Louis K. Liggett; Secretary, A. W. Campbell. Organized, 1908.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$210,063	\$75,496	\$127,569	\$135,778	\$147,132	\$69,630	\$36,519	\$22,440	\$128,589	\$74,794
1913	191,107	64,828	122,557	122,066	127,865	46,684	35,253	17,056	98,993	45,082
1912	163,181	56,666	102,564	106,604	112,306	62,696	32,435	14,290	109,421	40,616

† Includes dividend on guaranty fund.

‡ Includes guaranty fund.

UNITED DRUGGISTS MUTUAL FIRE INSURANCE CO., Boston, Mass—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$8,000	Losses unpaid.....	\$6,218
Bonds and stocks.....	168,330	Unearned prems.....	75,496
Collateral loans.....	2,500	Other liabilities.....	730
Cash.....	16,782		
Agents' balances.....	11,814	Total liabilities.....	\$82,444
Interest.....	2,551	Capital guaranty.....	100,000
Other assets.....	56	Net surplus.....	27,589
Total assets.....	\$210,033	Total.....	\$210,033

Underwriting profit, \$33,048; investment profit, \$7,503.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,560,215; premiums thereon, \$148,831.

BUSINESS SINCE ORGANIZATION: Premiums received, \$570,411; losses paid, \$237,320; dividends declared, cash, \$138,222.

BONDS OWNED:

	Market Value.
Mass. State and Mun.....	\$96,370
Minneapolis Gas, 6%.....	4,900
Canadian North, 4%.....	5,000
Canadian Northern, 4%.....	4,800
C., R. I. & P., 5% d.....	2,000
Peoples Gas, 5%.....	5,050
Virginia R. R., 5%.....	4,900
Am. Tel. & Tel., 4%.....	4,550
Victoria, 5%.....	4,550
Buffalo Gn. Ed., 5%.....	4,550
Interboro, 5%.....	4,550
New York.....	2,000
Helena, Mont.....	2,000
Hooking Valley.....	3,000
Pa. Blg. Co.....	3,000
Wheeling Electric.....	4,700
Detroit U. R.....	5,000
Puget Sound.....	5,050
Total.....	\$168,330

UTICA FIRE INSURANCE COMPANY, Utica, N. Y.

President, W. H. Start; Secretary, H. A. Ackroyd; Manager, F. E. Holmes. Organized, 1903.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$32,342	\$11,043	\$30,649	\$19,853	\$30,708	\$4,167	.....	\$6,584	\$10,751	.....
1913	22,204	8,785	13,369	16,594	17,277	8,388	.....	5,627	14,015	.....
1912	19,968	7,615	12,027	14,381	14,888	5,570	.....	4,960	10,530	\$5,920

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$7,100	Losses unpaid.....	\$650
Bonds and stocks.....	14,500	Unearned prems.....	11,043
Cash.....	7,260		
Agents' balances.....	3,243	Total liabilities.....	\$11,693
Interest.....	239	Surplus.....	20,649
Total assets.....	\$32,342	Total.....	\$32,342

Fire risks in force, December 31, \$2,692,420; premiums thereon, \$26,991.

MORTGAGE LOANS: Four, aggregating \$7,100, are secured by properties valued at \$20,400, and on which the company holds \$12,500 of insurance.

BONDS OWNED:	Par Value.	Market Value.
Chi., R. I. & Pac., 1934, 4%.....	\$5,000	\$3,600
Chi. & Alton, 1949, 3%.....	2,000	1,300
So. Pac., 1955, 4%.....	5,000	4,600
Eq. Gas & Elec. Co., Utica, 1942, 5%.....	5,000	5,100

Totals (book value, \$15,831)..... \$17,000 \$14,500

VERMONT MUTUAL FIRE INSURANCE COMPANY, Montpelier, Vt.†

President, Geo. O. Stratton; Secretary, J. T. Sabin. Organized, 1828.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$507,921	.....	\$202,620	\$563,237	\$565,917	\$442,421	.....	\$123,223	\$564,644	.....
1913	463,744	\$179,174	27,101	481,794	432,980	410,945	.....	105,309	516,214	.....
1912	399,069	52,699	\$239,754	440,832	444,199	351,202	.....	101,694	452,896	\$358,071

† Includes unearned premiums.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$50,000	Losses unpaid.....	\$16,355
Investments.....	10,000	Drafts & checks pay.....	218,974
Assessments due.....	436,118	Due other cos.....	24,647
Cash.....	600	Other liabilities.....	45,325
Agents' balances.....	11,203		
		Total liabilities.....	\$305,301
		Surplus & res.....	202,620
Total assets.....	\$507,921	Total.....	\$507,921

Net amount of members' liability, Dec. 31, \$9,122,844.

Fire risks in force, December 31, \$99,632,209.

Losses paid since organization, \$9,333,841.

REAL ESTATE OWNED: Consists of home office building and site.

TERRITORY COVERED: Vt. and Me.

† Statements as of July 31.

WASHINGTON MUTUAL FIRE INSURANCE COMPANY, St. Louis, Mo.

President, Aug. Kurtseborn; Secretary, Edwin J. Meyer. Organized, 1857.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$55,937	\$21,018	\$34,398	\$9,204	\$12,006	\$4,830	.....	\$9,112	\$13,942	\$4,555
1913	57,733	11,363	45,940	13,423	16,333	5,955	.....	10,534	16,489	6,033
1912	57,909	8,946	47,572	8,282	11,435	7,325	.....	8,965	16,290	8,345

ASSETS, DEC. 31, 1914: Mortgage loans, \$51,750; cash, \$3,431; other assets, \$766; total assets, \$55,937. **LIABILITIES:** Losses unpaid, \$73; unearned prems., \$21,018; other liabilities, \$448; total liabilities, \$21,539.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,241,826; premiums thereon, \$42,830.

MORTGAGE LOANS: There are loans, aggregating \$51,750, upon property situated in St. Louis, worth more than double the amount loaned thereon. There was no interest past due on December 31, last. Company holds ample fire insurance on the mortgaged buildings.

TERRITORY COVERED: Mo. only.

WASHINGTON CO. MUTUAL FIRE INSURANCE CO., Washington, Pa.

President, Albert J. Allison; Secretary, Henry G. Hood. Organized 1847.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$122,138		\$121,688	\$13,998	\$17,960	\$5,274		\$8,685	\$13,959	\$5,474
1913	115,646		115,646	13,306	19,071	4,129		8,174	12,303	4,129
1912	104,448	\$19,572	84,876	10,793	17,634	5,808		8,625	14,233	5,294

ASSETS, DEC. 31, 1914: Real estate, \$5,357; mortgage loans, \$61,150; bonds and stocks, \$26,024; collateral loans, \$7,500; cash, \$8,911; agents' balances, \$2,245; interest and rents, \$4,349; judgment notes, \$6,600; total assets, \$122,138. Liabilities: Losses unpaid, \$450.

Fire risks in force, December 31, \$4,036,180.

MORTGAGE LOANS: These aggregate \$61,150, and are protected by improved real estate in Washington County, Pa., valued at more than double the amount loaned thereon.

BONDS OWNED:		Par Value.	Market Value.
Citizens Wat., Washington, Pa.		\$15,000	\$15,000
Trumbull Co., O., Pub. Serv.		3,000	3,000
Fitts & Canonsburg St. Ry.		4,000	4,000
Totals (book value, \$22,000)		\$22,000	\$22,000

WASHINGTON HARDWARE AND IMPLEMENT DEALERS MUTUAL FIRE INSURANCE ASSOCIATION, Spokane, Wash.

President, John Raymer; Secretary, E. E. Lucas. Organized, 1905.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$39,198	\$13,526	\$23,788	\$24,908	\$37,370	\$13,449	\$16,169	\$7,959	\$37,577	\$14,849
1913	38,941	13,249	23,175	24,198	34,652	13,806	14,801	7,559	36,166	11,340
1912	38,941	12,756	24,711	23,566	33,563	5,865	13,730	7,231	26,826	5,865

ASSETS, DEC. 31, 1914. LIABILITIES, DEC. 31, 1914.
Bonds and stocks... \$25,407 Losses unpaid... \$1,400
Cash... 643 Unearned premiums... 13,526
Agents' balances... 744 Other liabilities... 484
Interest and rents... 12,404
Total liabilities... \$15,410
Surplus... 23,788

Total assets... \$39,198 Total... 39,198

RISKS AND PREMIUMS: Fire risks in force, December 31, \$2,503,173; premiums thereon, \$55,303.

BUSINESS SINCE ORGANIZATION: Premiums received, \$134,879; losses paid, \$59,171; dividends declared, cash, \$85,705.

BONDS OWNED:		Market Value.
Chewelah, Wash., tn. wat.		\$200
Seattle, local imp.		18,000
Stevens Co., Wash., diking		250
Bellingham, Wash.		86
Pend O'Reille Co.		75
Missoula, Mont., wat.		57
Roundup, Mont.		2,700
W. P. Reser Co.		1,700
Gt. Falls, Mont., imp. wat.		2,289

Totals... \$25,407

MISCELLANEOUS: Business confined to Hardware and Implement risks. Assessment liability a sum equal to one annual premium. Business written at State board rates. Licensed in Washington only. Writes in all states direct from home office.

WEST BEND MUTUAL FIRE INSURANCE COMPANY, West Bend, Wis.

President, P. O'Meara; Secretary, C. F. Leina. Organized, 1894.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$71,774	\$30,147	\$39,877	\$33,026	\$36,118	\$8,623		\$14,789	\$23,412	\$8,623
1913	59,067	28,901	30,166	33,445	35,557	16,747		13,780	30,507	16,747
1912	53,729	25,632	24,983	30,144	32,471	13,910		12,520	26,429	13,655

ASSETS, DEC. 31, 1914. LIABILITIES, DEC. 31, 1914.
Real estate... \$3,880 Losses unpaid... \$1,000
Mortgage loans... 61,800 Unearned premiums... 30,147
Cash... 3,806 Other liabilities... 750
Agents' balances... 958
Interest and rents... 1,330
Total liabilities... \$31,897
Surplus... 39,877

Total assets... \$71,774 Total... 71,774

REAL ESTATE OWNED: Consists of company's office building and lot.

MORTGAGE LOANS: There are 32 loans aggregating \$61,800, mainly upon farm property valued at about \$150,000. There was no interest past due December 31, last.

TERRITORY COVERED: Wis. only.

WESTERN GRAIN DEALERS MUTUAL FIRE INSURANCE ASSOCIATION, Des Moines, Ia.

President, Jay A. King; Secretary, Geo. A. Wells. Organized, 1907.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$33,469		\$32,713	\$35,669	\$36,381	\$16,935	\$8,638	\$7,928	\$33,501	\$16,935
1913	29,754		29,754	29,754	29,754	7,704	7,758		15,462	7,704
1912	21,225	11,961	8,589	23,933	25,844	8,658	3,180	5,213	17,051	8,658

ASSETS, DEC. 31, 1914: Cash, \$32,606; other assets, \$861; total assets, \$33,469. Liabilities: Losses unpaid, \$500; other liabilities, \$57; total liabilities, \$557.

Fire risks in force, December 31, \$2,602,714.

TERRITORY COVERED: Ia. only.

WESTERN MUTUAL FIRE INSURANCE COMPANY, Urbana, O.

President, W. R. Ross; Secretary, Chas. A. Ross. Organized, 1846.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$61,845		\$57,165	\$48,652	\$49,933	\$27,285		\$15,046	\$42,321	\$39,949
1913	54,640		52,483		48,625	46,804		15,513	62,317	45,178
1912	69,160		63,360	46,296	48,094	32,471		15,241	47,712	35,038

ASSETS, Dec. 31, 1914.

Real estate.....	\$3,500
Bonds and stocks...	40,120
Cash.....	17,843
Agents' balances....	382
Total assets.....	\$61,845

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$4,385
Other liabilities.....	295
Total liabilities....	\$4,680
Net surplus.....	\$57,165
Total.....	\$61,845

Net amount of members' liability, Dec. 31, \$606,689.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$6,323,578; premiums thereon, \$48,652.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,120,506; losses paid, \$687,658.

REAL ESTATE OWNED: The company owns real estate valued at \$3,500.

BONDS AND STOCKS OWNED:

	Par Value.	Market Value.
Bonds		
U. S. Bds.....	\$10,000	\$10,000
Urbana, O., cy.....	4,500	4,556
Nottingham, O., so.....	6,000	6,195
Mingo Junction, O., so.....	4,000	4,130
Champaign Nat. Bk., stk.....	2,000	2,900
Big. & Loan Assn., depts.....	9,000	9,000
Totals.....	\$36,500	\$37,531

DIRECTORS: W. R. Ross, E. E. Cheney, J. F. Brand, E. M. Crane.

FIELD MEN AND TERRITORY COVERED: J. F. Brand, general agent, Urbana, O. The company operates in O. only.

WESTERN MILLERS MUTUAL FIRE INSURANCE CO., Kansas City, Mo.

President, W. H. Waggoner; Secretary, Chas. H. Ridgway. Organized, 1833.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$330,197	\$35,215	\$287,343	\$88,904	\$106,457	\$26,558	\$12,319	\$18,421	\$67,298	\$36,836
1913	300,597	28,823	271,775	91,612	104,181	65,434	10,247	16,496	92,177	65,434
1912	268,381	36,460	261,921	104,530	115,720	61,847	10,746	16,250	88,843	53,260

ASSETS, Dec. 31, 1914.

Mortgage loans.....	\$96,153
Bonds and stocks....	179,377
Cash.....	29,660
Agents' balances.....	21,919
Interest and rents....	3,088
Total assets.....	\$330,197

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$5,000
Unearned prems....	35,215
Other liabilities.....	2,639
Total liabilities....	\$42,854
Surplus.....	\$287,343
Total.....	\$330,197

MORTGAGE LOANS: There are 60 loans, aggregating \$96,153, all first liens on Kansas City improved real estate, valued at \$106,450. The company holds ample insurance on the buildings. There was no interest past due on December 31, last.

BONDS OWNED:

	Par Value
Kansas City, Mo., so., 1923-5, 3½%.....	\$40,000
Kansas City, Mo., so., 1925, 4%.....	10,000
Carthage, Mo., so., 1923, 4%.....	8,000
Chicago, Ill., pk. comm., 1924, 4%.....	5,000
St. Joseph, Mo., so., 1928, 4%.....	18,000
Independence, Mo., so., 1932, 5%.....	10,000
Imman, Kansas, w. w., 1940, 5½%.....	3,000
Smithville, Mo., so., 1915-6, 5½%.....	2,500
Lawrence, Kan., int. imp., 1918-23, 5%.....	10,000

BONDS OWNED.—Cont.

	Par Value.
Independence, Mo., gn. exp., 1933, 4½%.....	\$10,000
Jackson Co., Mo., so., 1926, 5%.....	8,000
Delaware River, 1915-26-7, 5%.....	10,500
Galena, special, 1915-28, 6%.....	9,500
Park fund co., 1933, 6%.....	6,377
Marceline, Mo., 1934, 5%.....	14,000
Harrisonville, Mo., 1924, 4%.....	10,000
Neosho, Mo., 1934, 5%.....	4,000
Total.....	\$179,377

MISCELLANEOUS: The percentage of premiums returned to policyholders for 1914, 1913, 1912, 1911, 1910, 1909, 1908, 1907, 1906 and 1905 have been 60%, 50%, 50%, 52½%, 55%, 45%, 40%, 40%, 45%, 32½% and 43½% respectively. During 1906 the company cancelled all risks other than flour mills, elevators and contents. During 1913 the company cancelled all insurance on terminal elevators.

TERRITORY COVERED: The company operates in Ark., Cal., Colo., Del., Ga., Ida., Ill., Ind., Ia., Kan., Ky., La., Md., Mich., Minn., Mo., Neb., Nev., N. M., N. Y., N. C., N. D., O., Okla., Pa., S. D., Tenn., Tex., Utah, Vt., Va., Wash., W. Va. and Wis. and in Canada.

WHAT CHEER MUTUAL FIRE INSURANCE CO., Providence, R. I.

President, F. L. Pierce; Assistant Secretaries, Chas. A. Tompkins, Royal G. Luther. Organized, 1873.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$556,531	\$305,400	\$239,601	\$440,174	\$464,258	\$20,275	\$383,974	\$35,542	\$439,791	\$20,396
1913	537,653	294,815	229,651	445,351	465,566	16,738	365,043	35,878	417,659	16,480
1912	532,933	279,748	235,994	468,744	491,464	23,263	383,405	40,840	447,508	25,622

ASSETS, Dec. 31, 1914.

Bonds and stocks....	\$441,517
Cash.....	98,387
Agents' balances....	15,689
Interest.....	958
Total assets.....	\$556,531

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$3,377
Unearned prems....	335,400
Other liabilities.....	8,153
Total liabilities....	\$316,930
Surplus.....	\$239,601
Total.....	\$556,531

Net amount of members' liability, Dec. 31, \$3,002,707; underwriting profit, \$378,383; investment profit, \$18,841.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$73,784,379; premiums thereon, \$600,541.

BUSINESS SINCE ORGANIZATION: Premiums received, \$10,438,659; losses paid, \$1,419,966; dividends declared, cash, \$7,966,510.

BONDS AND STOCKS OWNED:

	Market Value.
Bonds	
R. I., hy. co., 1936, 3%.....	\$24,080
R. I., hy. co., 1939, 3½%.....	2,760
R. I., State House, co., 1941, 3%.....	3,400
R. I., Met. Fk. ln., 1938, 3½%.....	6,300

WHAT CHEER MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.—Cont.

BONDS AND STOCKS OWNED.—Cont.		Market Value.	BONDS AND STOCKS OWNED.—Cont.		Market Value.
BONDS.—Cont.			STOCKS.—Cont.		
R. I. harbor imp., 1900, 4%		\$10,000	P. B. & L. E. R.R.		\$4,650
Amer. Tl. & Tg., cv., 1933, 4½%		11,880	P. Ft. W. & C. E.R., gr.		20,500
Chi. Ry., 1, 1927, 5%		4,950	Rensselaer & Saratoga R.R.		36,000
Detroit, Edison, 1, 1933, 5%		6,180	St. Louis Bg., 1 p.		22,000
Bos. & Me. R.R., n., 1915		4,500	St. Louis Bg., 2 p.		2,650
Mass. El. n., 1915, 5%		5,000	Tunnel R. R. Co. of St. L.		11,200
			Upper Coos R.R.		5,450
			Blackstone Valley Gas & El., p.		8,420
			Cleve., Cinn., Chi. & St. L. Ry., p.		10,000
			Narra. El. Ltg.		12,750
			Narra. El. Ltg., d.		1,925
			Pa. R.R.		42,125
			Providence Blg.		15,000
			Providence Gas.		4,900
			Providence Tel.		5,000
			Totals.....		<u><u>\$451,242</u></u>
			MISCELLANEOUS: Conflagration losses: Baltimore, 1904, \$421.		
			TERRITORY COVERED: The company operates in Ill. Me., Mass., Mich., N. Y., N. C., O., Pa., S. C. and Wis., and in Canada.		

MISCELLANEOUS: Conflagration losses: Baltimore, 1904, \$421.

TERRITORY COVERED: The company operates in Ill., Me., Mass., Mich., N. Y., N. C., O., Pa., S. C. and Wis., and in Canada.

WISCONSIN CHURCH MUTUAL FIRE INSURANCE ASSOCIATION, Merrill, Wis.

President, H. Daib; Secretary, W. H. Dicke. Organised, 1897.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$42,202		\$40,202	\$15,252	\$16,481	\$10,613		\$3,060	\$13,673	\$12,913
1913	42,092		42,577	13,941	14,981	5,825		3,888	9,713	5,525
1912	33,842		33,542	12,996	14,006	12,008		2,688	14,696	12,323

ASSETS, DEC. 31, 1914: Real estate, \$2,000; mortgage loans, \$24,825; cash, \$15,561; premium balances, \$181; other assets, \$835; total assets, \$43,302. Liabilities, Losses unpaid, \$2,300.

Fire risks in force, December 31, \$5,112,512.

Losses paid since organization, \$96,314.

REAL ESTATE OWNED: The company owns its own office building and lot carried at book value, \$2,000.

MORTGAGE LOANS: There are loans aggregating \$24,825 on farm lands in Wis.

WORCESTER MANUFACTURERS MUTUAL INSURANCE COMPANY, Worcester, Mass.

President, Waldo E. Buck; Secretary, W. A. Harrington. Organised, 1855.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Net Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$317,805	\$451,822	\$225,483	\$487,943	\$523,157	\$302,410	\$364,681	\$33,487	\$700,578	\$287,492
1913	856,370	473,927	366,369	560,732	596,317	82,828	471,312	53,049	607,189	85,630
1912	908,050	440,784	456,347	699,086	736,808	27,776	628,736	46,589	703,101	29,545

Assets, Dec. 31, 1914. LIABILITIES, Dec. 31, 1914.
 Bonds and stocks... \$726,094 Losses unpaid..... \$5,788
 Cash..... 63,723 Unearned premiums..... 451,822
 Accum. balances..... 18,025 Bills payable..... 130,838
 Interest..... 9,958 Other liabilities..... 4,116

Total liabilities... \$592,564
 Surplus..... 225,241

Total assets..... \$817,805 Total..... \$817,805

Net amount of members' liability, Dec. 31, \$4,485,577; underwriting profit, \$182,240; investment profit, \$42,076.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$124,861,712; premiums thereon, \$897,115.

BUSINESS SINCE ORGANIZATION: Premiums received, \$15,080,790; losses paid, \$2,077,024; dividends declared, \$12,095,940.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
Mass. State Met. wat. In., 1943, 3½%...		\$5,000	\$4,600
N. Y. City, 1958, 4%.....		20,000	20,000
N. Y., State, 1961, 4%.....		30,000	30,600
Atch. Top. & S. Fe Ry., 1995, 4%.....		15,000	14,400
B. & A. R.R., Tm., 1951, 3½%.....		15,000	12,300
B. & A. R.R. imp., 1934, 4%.....		20,000	18,800
B. & L. R.R., 1923, 3½%.....		20,000	18,600
B. & L. R.R., 1932, 4%.....		20,000	18,800
B. & Me. R.R., 1944, 4½%.....		20,000	13,800
B. & Me. R.R., 1926, 4%.....		10,000	7,700
C. R. R. N. J., 1987, 5%.....		10,000	11,700
Ches. & O. R.R., 1992, 4½%.....		15,000	14,100
Chi. B. & Q. R.R., 1958, 4%.....		35,000	32,900
Chi. B. & Q. R.R., 1949, 3½%.....		15,000	12,750
Chi. Ind. & So. R.R., 1956, 4%.....		10,000	8,400
Chi. Je. Ry. & Union Strkys., 1915, 5%.....		10,000	10,000
Chi. & Nwn. Ry., 1987, 4%.....		20,000	19,000
Chi. R. I. & Pac. R.R., 2002, 4%.....		10,000	2,500

WORCESTER MANUFACTURERS MUTUAL INS. CO., Worcester, Mass.—Cont.

BONDS AND STOCKS OWNED.—Cont.			BONDS AND STOCKS OWNED.—Cont.		
BONDS.—Cont.			BONDS.—Cont.		
	Par Value.	Market Value.		Par Value.	Market Value.
C. R. I. & P. Ry., 1 & r. m., 1934, 4%..	\$10,000	\$7,200	Toronto, Ham. & Buff. Ry., 1946, 4%..	\$5,000	\$4,300
Concord & Montreal R.R., 1920, 4%....	45,000	43,300	Union Pac. R.R., 1947, 4%.....	5,000	4,850
Del. & Hudson, 1943, 4%.....	20,000	19,600	West End St. R.R., Boston, 1915, 4%..	10,000	10,000
Erie R.R., Pa. col., 1951, 4%.....	10,000	9,000	Wis. Central Ry., 1949, 4%.....	10,000	8,800
Kansas City Tm. Ry., 1960, 4%.....	15,000	14,100	Amer. Agricul. Chem., 1928, 5%.....	10,000	10,100
L. Sh. & Mich. So. Ry., 1923, 4%.....	20,000	18,800	Amer. Tl. & Tg., 1929, 4%.....	10,000	8,800
L. Sh. & Mich. So. Ry., 1931, 4%.....	10,000	9,400	Mass. Gas, 1929, 4½%.....	10,000	9,800
Minn., St. P. & S. Ste. M. Ry., 1938, 4%..	15,000	14,250	N. Y. Tl., 1 gn. m., 1939, 4½%.....	10,000	9,800
New London No. R.R., 1940, 4%.....	25,000	20,750			
N. Y. C. Lines eq. tr., 1923, 4½%.....	20,000	19,800	STOCKS.		
No. Pac. Gt. No. Jt., 1921, 4%.....	25,000	24,250	Norwich & Worcester R.R., p.....	5,200	7,904
Og. & Lake Champlain Ry., 1948, 4%....	10,000	7,400	So. Pac., com.....	10,000	9,800
Old Colony R.R., 1924, 4%.....	15,000	14,250	Union Pac., p.....	10,000	8,800
Ore. K.K. & Nav., 1946, 4%.....	10,000	9,300	Nwn. Tg.....	10,000	11,109
Ore. S. L. R.R., 1946, 5%.....	5,000	5,400			
Ore. S. L. R.R., 1929, 4%.....	20,000	18,400	Totals (book value, \$780,790).....	\$787,200	\$726,094
Ore. Wash. R.R. & Nav., 1 & r. m., 1901, 4%..	15,000	13,350			
P. C. & St. L. Ry., 1942, 4½%.....	10,000	10,300			
Providence & Worcester R.R., 1947, 4%....	50,000	45,000			
Rich. Wash., 1943, 4%.....	10,000	9,500			
Rio Grande Western Ry., 1939, 4%.....	10,000	8,000			
So. Pac. cv., 1929, 4%.....	10,000	8,600			
So. Pac., cv., 1934, 4%.....	2,000	2,040			

DIRECTORS: Henry T. Whitin, Matthew J. Whittall, John W. Farwell, Waldo E. Buck, William F. Whiting, Geo. F. Brooks, Albert G. Mason, James E. Whitin.

TERRITORY COVERED: Company operates in Me., Mass., Mich., N. H., N. Y., N. C., O., Pa., R. I., S. C. and Wis.

WORCESTER MUTUAL FIRE INSURANCE COMPANY, Worcester, Mass.

President and Treasurer, R. F. Upham; Secretary, Harry Harrison. Organized, 1823.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$884,985	\$266,064	\$610,045	\$122,673	\$165,844	\$71,993	\$64,223	\$48,857	\$186,073	\$74,054
1913	884,433	269,296	609,675	131,633	173,684	38,430	67,736	52,954	159,120	35,108
1912	846,332	265,208	571,867	131,504	174,171	40,621	69,887	53,719	164,227	44,070

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Real estate.....	\$186,600	Losses unpaid.....	\$3,300
Mortgage loans.....	229,690	Unearned premiums.....	266,064
Bonds.....	431,710	Other liabilities.....	5,556
Cash.....	18,526		
Agents' balances.....	7,645	Total liabilities.....	\$274,940
Interest and rents.....	10,814	Surplus.....	610,045
Total assets.....	\$884,985	Total.....	\$884,985

Net amount of members' liability, Dec. 31, \$521,249; underwriting profit, \$7,935; investment profit, \$20,970.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$39,064,784; premiums thereon, \$522,687.

BUSINESS SINCE JAN. 1, 1875: Premiums received, \$5,082,048; losses paid, \$1,522,508; dividends declared, cash, \$2,842,453.

REAL ESTATE OWNED: Consists of the 3-story and French roof brick building, situated 371-377 Main St., Worcester, Mass. assessors' value being \$186,600, and the book value \$100,000. Rents received in 1914 were \$11,222, and expenses were \$5,276.

MORTGAGE LOANS: There are 79 loans, aggregating \$229,690, are practically all upon city property, valued at \$441,014, and on which the company holds \$273,050 of insurance. There was no interest past due on December 31, last.

BONDS OWNED:			Par Value.	Market Value.
Mam. Com., pris. & hos., 1945, 3½%..	\$15,000		\$14,700	
Mam. Commonw., Met. wat., 1934, 3½%..	5,000		4,900	
New York Cy., 1960, 4½%.....	5,000		5,150	
New York Cy., wat., g., 1957, 4½%.....	5,000		5,350	
Bangor & Aroos., os. r., g., 1951, 4%.....	5,000		3,500	
Boston & Albany, Tm., 1951, 3½%.....	5,000		4,100	
Boston & Albany, imp., 1934, 4%.....	20,000		18,750	
Boston Elev., 1 m., g., 1937, 4½%.....	10,000		9,200	
Boston Elev., 1 m., g., 1935, 4%.....	5,000		4,300	
Boston & Lowell, 1 m., 1921, 3½%.....	5,000		47,000	
Boston & Maine, cert. g., 1944, 4½%.....	5,000		3,450	
Boston & Maine, imp., cd., 1937, 4%.....	10,000		6,600	
Boston & Maine, r., 1926, 4%.....	10,000		7,700	
Boston & No. St., 1 & r., g., 1954, 4%.....	5,000		4,400	
Boston & Wor. St., 1 m., 1923, 4½%.....	5,000		4,700	

BONDS OWNED.—Cont.			Par Value.	Market Value.
Cent. Pac. Th. St. L., 1 m., g., 1954, 4%..	\$5,000		\$4,350	
Chi., Bur. & Q., 1 m., 1949, 3½%.....	15,000		12,750	
Chi. M. & St. P., 1 m. gn. m. g., 1989, 4%..	10,000		9,600	
Chi. & Nwn., gn. m., g., 1987, 4%.....	5,000		4,750	
Chi., R. I. & Pac., gn. m., g., 1988, 4%.....	10,000		8,900	
Chi., R. I. & Pac., 1 r., g., 1934, 4%.....	32,000		22,040	
Chi. & Wes. Ind., os. g., 1952, 4%.....	10,000		8,400	
Cin., Ham. & Day., gn. m., g., 1942, 5%..	12,000		9,600	
Cin., Ind. St. L. & Chi., 1 m., g., 1936, 4%..	20,000		18,200	
Concord & Montreal, 1 m., 1920, 4%.....	20,000		19,300	
Delaware & Hud. Riv., 1 r., g., 1943, 4%..	10,000		9,800	
Fitchburg, 1 m., 1927, 4½%.....	25,000		22,750	
Ill. Cen., 1 m., g., 1953, 3½%.....	26,000		21,320	
Me. Cen., 1 m., g., 1933, 4%.....	7,000		6,370	
Mich. Central, 1 m., 1940, 4%.....	5,000		4,400	
Minn., St. P. & S. Ste. M., g., 1938, 4%..	10,000		9,500	
Mohawk & Malone, 1 m., g., 1991, 4%.....	9,000		8,640	
N. Y. C. & Hud. Riv., 1 m., 1997, 3½%.....	6,000		4,980	
N. Y., N. H. & H., deb., g., 1955, 4%.....	20,000		14,800	
N. Y., N. H. & H., deb., g., 1947, 4%.....	10,000		7,600	
N. Y., N. H. & H., deb., g., 1947, 3½%.....	10,000		7,000	
Pere Marquette, 1 m., g., 1943, 4%.....	5,000		2,500	
St. P., Minn. & Man., os. m., g., 1933, 4%..	3,000		2,970	
St. P., Minn. & Man., os. g., 1933, 4½%..	5,000		5,300	
Toledo, Walh. Val. & O., 1 m., g., 1942, 4%.....	20,000		18,600	
West End St. Ry., deb., 1930, 4½%.....	10,000		9,700	
Worcester Con. St., deb., 1920, 4½%.....	5,000		4,800	
Wor., Nash. & Roch., 1 m., 1930, 4%.....	5,000		4,550	
Wor., Nash. & Roch., 1 m., 1934, 4%.....	4,000		3,640	
Totals (book value, \$494,000).....	\$494,000		\$431,710	

MISCELLANEOUS: Conflagration losses: Chelsea, 1908, \$82,386; Salem, 1914, \$30,669.

DIRECTORS: Lewis N. Gilbert, Benj. D. Dwinell, Lyman A. Ely, Arthur F. Whitin, George I. Alden, Roger F. Upham, C. L. S. Hammond, Edmund Mortimer.

TERRITORY COVERED: Company operates in Conn., Me. Mass. and R. I.

WYOMING VALLEY FIRE INSURANCE COMPANY, Warsaw, N. Y.

President, A. N. Peckham; Secretary, W. W. Smallwood.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$39,690	\$35,637	—\$3,247	\$39,499	\$40,306	\$27,121		\$11,274	\$38,395	
1913	27,686	35,593	—9,695	39,424	40,088	22,052		10,716	32,768	
1912	19,927		17,527	37,879	38,511	20,299		9,779	30,078	

— Excess of liabilities over assets.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Cash	\$25,428	Losses unpaid	\$2,300
Agents' balances	4,261	Unearned premiums	35,637
		Total liabilities	\$37,937
		Excess of liabilities	8,247
Total assets	\$29,689	Total	\$29,689

Fire risks in force, December 31, \$9,156,178; premiums thereon, \$89,775.

MISCELLANEOUS: The law of 1910 allows co-operative companies seven years to gradually accumulate a reserve.

PROJECTED AMERICAN STOCK FIRE INSURANCE COMPANIES.

NAME OF COMPANY.	OFFICERS OR PROMOTER.	Proposed Capital.	Proposed Surplus.
Associated Industries Fire, Chicago	George E. Potter, et al.	\$200,000	
Bankers Fire, Chicago, Ill.			
Central States Fire, Wichita, Kan.	H. C. Whalen, Pres.	100,000	
Citizens Home, Alexandria, Va.	W. W. Crisp, Pres.	50,000	
Colonial Fire, Covington, Ky.	W. C. Smith, W. S. Ludlow, et al.	100,000	
Conservation Fire, Springfield, Ill.	A. M. Fitzgerald, et al.	1,000,000	
Fargo Underwriters, Fargo, N. D.	B. P. Brown, Pres.; O. J. Colton, Sec.	100,000	
Inter-Insurance Fire Co. of Ariz., Kansas City, Mo.	W. E. Milligan & L. M. Lamey, Pres.; George W. Long, Sec.	500,000	
Lincoln Fire, Nashville, Tenn.	Mr. Dortch	100,000	80,000
Maine Fire, Portland, Me.	F. E. Boothby; M. N. Drew, et al.	1,000,000	
Merchants National Fire, Chicago		1,000,000	
Nebraska Fire, Omaha, Neb.	Van B. Lady, et al.		
Raleigh Fire, Raleigh, N. C.		25,000	
Textile City Fire, Lowell, Mass.	J. L. Robertson, Pres.; G. R. Whidden, Sec.	300,000	200,000
Union National Fire of U. S., Indianapolis, Ind.	Edwin G. Pugh	2,000,000	1,000,000
United Owners Fire, Springfield, Ill.	A. M. Fitzgerald, et al, Springfield, Ill.	1,000,000	
United States, Memphis, Tenn.	James Alexander, et al.	200,000	200,000
Waco, Waco, Tex.	V. K. Bonomette	200,000	
Waco, Minn.	F. T. Day, C. H. Watson, et al.	100,000	
Western Union Fire			

UNDERWRITERS' AGENCIES

Some fire insurance companies issue or guarantee policies under titles other than their proper corporate titles, either individually or jointly with other companies. Such titles, together with the names of the respective companies guaranteeing policies issued thereunder, are presented in the following pages.

ALLEGHENY FIRE UNDERWRITERS POLICY, Pittsburg, Pa.

Policies issued under this title are guaranteed by the Humboldt Fire of Pittsburg, Pa., which see.

AMERICAN UNDERWRITERS AGENCY, Philadelphia, Pa.

Policies issued under this title are guaranteed by the Ins. Co. of the State of Pennsylvania, of Philadelphia, which see. | It writes outside of congested districts an entirely different line from the guarantor company.

ATLANTIC UNDERWRITERS, New York,

Policies issued under this title are guaranteed by the Commercial Union, New York, and Westchester Fire of New York, which see.

ATLAS UNDERWRITERS, London.

Policies issued under this title are guaranteed by the Atlas Assurance, London, which see.

ATLAS ASSURANCE CO., LIMITED.

The Atlas of London issues a policy other than that of the Atlas proper, under the title "Atlas Assurance Company, Limited, with which is incorporated the Manchester Assurance Company." Commissions of authority are issued in like manner. Issued only on Pacific Coast.

BEN FRANKLIN UNDERWRITERS, Pittsburg, Pa.

H. M. Schmitt, Secretary and General Manager.

Policies issued under this title are guaranteed by the National Ben Franklin of Pittsburg, Pa., which see.

BRITISH UNDERWRITERS, Hartford, Conn.

Policies issued under this title are guaranteed by the Scottish Union and National of Edinburgh, which see.

BRITISH & FEDERATED FIRE UNDERWRITERS, New York, N. Y.

Policies issued under this title are guaranteed by the Norwich Union of Norwich, Eng., which see. Issued mostly on Pacific Coast.

BRITISH CANADIAN UNDERWRITERS.

Policies issued under this title are guaranteed by the Canadian branch of the Norwich Union, Norwich, Eng., which see.

CALUMET UNDERWRITERS, Pittsburg, Pa.

Policies guaranteed by the National Union Fire of Pittsburg, which see.

CINCINNATI UNDERWRITERS, Cincinnati, O.

President, F. A. Rothier; Secretary, Adam Benus; Assistant Secretary, F. C. Barton. Organized, 1883.

Policies issued under the above title are guaranteed by the Eureka F. & M. and Security Fire of Cincinnati. The following tabulation exhibits the combined statistics of the constituent companies:

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$761,102	\$254,626	\$229,309	\$225,033	\$256,744	\$68,188	\$17,000	\$108,873	\$194,061	\$70,136
1913	713,170	234,875	206,360	208,078	237,986	90,207	17,000	97,128	204,333	90,679
1912	715,262	232,549	214,834	198,376	227,894	81,378	17,000	98,335	196,713	76,604
1911	720,044	232,066	212,618	199,151	228,080	107,940	17,000	96,420	231,860	95,893
1910	723,732	246,724	189,820	227,377	268,898	135,900	17,000	128,986	279,886	136,857

FIELD MEN AND TERRITORY COVERED: Rollin B. Henton and Charles Benus, special agents for O.; H. C. Klock- sion, State agent for Mich.; Charles Benus, special agent for Ill. The association operates in Ill., Mich. and O.

COLONIAL FIRE UNDERWRITERS, Hartford, Conn.

Issues the policies of the National Fire of Hartford, which see.

COLUMBIA FIRE UNDERWRITERS, Omaha, Neb.

C. O. Talmage, Manager; M. E. Lease, Assistant Manager; E. G. Bohanan, General Agent.

Issues the policies of the National Fire of Hartford, Conn., which see.

COMMERCIAL UNDERWRITERS, Des Moines, Ia.

Policies guaranteed by the Firemans Fund, San Francisco, Cal., which see. Field restricted to Iowa. No new policies are written under this title.

COMMERCIAL UNDERWRITERS AGENCY, Salt Lake City, Utah.

Policies issued under this title are guaranteed by the Home Fire, of Salt Lake City, which see.

DELAWARE UNDERWRITERS, Philadelphia, Pa.

J. Parsons Smith, Jr., Manager.

Policies issued under this title are guaranteed by the Westchester Fire of New York. Field men: J. Parsons Smith, Jr., manager, Philadelphia, Pa.; Thos. L. Wilson, agency sup't., Philadelphia, Pa.; Edw. B. Malloy, special agent for eastern Pa., eastern Md., N. J. and D. of C., Philadelphia, Pa.; Wm. T. Evans, special agent for western Pa., western Md. and W. Va., Pittsburgh, Pa.; Louis M. Harding, special agent for Phila. and Phila. Suburban dept., Philadelphia, Pa.; Edw. C. Jessup, special agent for N. Y. State, Albany, N. Y.; Wm. C. Chambers, special agent for Me., Mass., R. I. and Vt., Boston, Mass.; G. W. Goodsell & Son, special agent for Conn., Bridgeport, Conn.; Edw. M. Liljeblad, special agent for O. and Ind., Columbus, O.; Lewis C. Fletcher, special agent for Mich., St. Ignace, Mich.; Arthur W. Kirt, special agent for Wis., Oshkosh, Wis.; Chas. C. McClure, special agent for Minnesota, St. Paul, Minn.; Frederick S. Young, special agent for Ia., Des Moines, Ia.; Samuel B. Kennedy, special agent for Ky. and Tenn., Louisville, Ky.; E. R. Booker, special agent for Va., N. C. and S. C., Farmville, Va.; Geo. R. Williams, special agent for Ala. and Ga.; Bertheau, Seibach & Bertheau, general agents for Cal., Mont., Ida., Wyo., Nev., Utah, Colo., Ariz., N. M., H. Isla. and Alas.; Geo. B. Lamping & Co., Inc., general agents for Wash. and Ore., Seattle, Wash.; Hornibrook, Whittmore & Allan, general agents for Alberta and Saskatchewan, Calgary, Alberta, Can.; McKee, Carlyle & Garland Ltd., general agents for Manitoba, Winn., Man., Can.; Leslie H. Wright & Co., general agents for British Columbia, Vancouver, B. C.; Gross R. Scruggs & Co., general agents for Texas, La. and Ark., Dallas, Tex.; Robert S. Price, general agent for Okla., Dallas, Tex.

DEUTSCHLAND FIRE UNDERWRITERS, Peoria, Ill.

Policies guaranteed by the German Fire of Peoria, Ill., which see.

DUQUESNE UNDERWRITERS, Pittsburg, Pa.

As underwriting department of the National Union Fire of Pittsburg, Pa., which see.

EASTERN UNDERWRITERS AGENCY OF THE CAMDEN FIRE INSURANCE ASSOCIATION, Camden, N. J.

Policies issued under this title are guaranteed by the Camden Fire of Camden, N. J., which see.

ENGLISH-AMERICAN UNDERWRITERS AGENCY, Hartford, Conn.

A. G. Mollwaine, Jr., Manager.

Policies issued under the above title are guaranteed by the London and Lancashire Fire, Ltd., of Liverpool, whose figures are given below. See also London & Lancashire Fire of Liverpool.

Year	Assets	Unearned Premiums	Surplus	Net Premiums	Total Income	Losses Paid	Expenses	Total Expenditures	Losses Incurred	(+) Rec'd from or (-) Remit. to H. O.
1914	\$4,864,280	\$2,791,006	\$1,784,991	\$2,652,957	\$2,815,839	\$1,437,042	\$1,002,308	2,439,350	\$1,434,245	—\$562,995
1913	4,571,204	2,739,168	1,829,928	2,711,700	2,868,472	1,226,348	1,001,091	2,227,439	1,190,183	—217,987
1912	4,578,962	2,696,332	1,643,107	2,661,549	2,807,777	1,243,467	1,019,211	2,262,678	1,225,813	—331,357
1911	4,453,442	2,570,975	1,668,833	2,575,806	2,711,846	1,211,657	960,292	2,171,949	1,115,630	—190,525
1910	4,120,963	2,365,206	1,456,947	2,476,585	2,606,517	1,112,497	902,293	2,014,790	1,142,806	—\$24,121

* Includes \$186,580 marine premiums and \$83,323 marine losses.

EQUITABLE INSURANCE ALLIANCE, San Francisco, Cal.

Policies issued under this title are guaranteed by the Phoenix of Hartford and the Equitable Fire and Marine of Providence. They are used principally upon the Pacific Coast and New York State.

EXCHANGE UNDERWRITERS AGENCY OF THE ROYAL EXCHANGE.

Policies issued under this title are guaranteed by the Royal Exchange of London, which see.

FACTORIES UNDERWRITERS, Toronto, Can.

Policies are issued under this title by the Factories of Toronto and guaranteed by Lloyds, London.

FEDERAL UNDERWRITERS, LIMITED, Winnipeg, Man.

Policies issued under this title are guaranteed by the Canada National Fire of Winnipeg.

FIDELITY UNDERWRITERS, New York.

Policies issued under this title are guaranteed by the Continental of New York and the Fidelity-Phenix Fire of New York, whose combined figures are here shown.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$42,867,186	\$17,093,749	\$18,454,863	*\$14,900,818	\$16,904,508	\$7,982,279	\$1,250,044	\$5,622,131	\$14,854,454	\$8,134,137
1913	42,586,574	16,401,267	19,243,555	14,385,788	16,070,985	7,802,379	1,250,073	5,572,532	14,624,984	7,506,576
1912	43,304,542	15,857,009	20,179,087	14,304,900	16,137,774	7,324,967	1,250,044	5,521,368	14,096,272	7,279,764
1911	39,910,002	15,092,478	18,227,688	13,795,952	15,964,010	7,544,553	1,250,097	5,416,870	14,211,520	7,153,196
1910	37,968,336	14,428,020	16,297,688	12,935,786	14,862,346	6,539,634	1,800,003	5,177,233	13,816,870	6,660,120

* Includes \$251,485 marine premiums and \$101,839 marine losses.

FIREMENS UNDERWRITERS, Newark, N. J.

Policies issued under this title are guaranteed by the Firemens of Newark, which see.

GEORGIA FIRE UNDERWRITERS.

It is reported that policies are issued under this title and guaranteed by the Royal of Liverpool.

GERMAN UNDERWRITERS, Milwaukee, Wis.

The German Underwriters policy is guaranteed by the Milwaukee Mechanics, Milwaukee, Wis., which see.

GERMAN UNDERWRITERS, Omaha, Neb.

Issues the policies of the National Fire of Hartford.

GERMAN ALLIANCE INSURANCE ASSOCIATION, New York City.

Policies issued under this title are guaranteed jointly by the German Alliance and the German American, both of New York.

GERMANIA UNDERWRITERS, New York.

Policies issued under the above title are guaranteed by the Germania Fire Insurance Co., New York.

GIRARD UNDERWRITERS, Philadelphia, Pa.

Policies issued under this title are guaranteed by the Girard Fire and Marine of Philadelphia, Pa., which see.

GLOBE UNDERWRITERS AGENCY, New York.

This is a branch of the Globe and Rutgers Fire of New York, which see.

GUARANTY UNDERWRITERS, New York.

J. A. Kelsey, Manager; S. H. Quackenbush, Assistant Manager.

Policies issued under this title are guaranteed by the Anchen and Munich of Aix-la-Chapelle.

HAND-IN-HAND UNDERWRITERS OF COMMERCIAL UNION ASSURANCE CO., LTD., London, Eng.

FIELD MEN AND TERRITORY COVERED: William F. Penney, 55 John st., New York, N. Y., general agent for New York suburban; Adams & Boyle, Little Rock, Ark., general agents for Ark.; W. T. Furness, Boston, Mass., general agent for New England States. Special agents: W. R. Penrose, Hartford, Conn., for Conn.; A. J. Murphy, Boston, Mass., for New England; Rufus N. Ewell, Exeter, N. H.; Frank W. Young, Syracuse, N. Y., for western N. Y.; George S. Tompkins, Albany, N. Y., for eastern N. Y.; outside suburban district, James M. Hodges, Brooklyn,

N. Y.; N. Y. suburban (except L. I.), northern N. Y.; Burt G. Wray, Patchogue, L. I., for L. I.; Burling D. Prince, Philadelphia, Pa., for southern N. J. and eastern Pa.; W. R. Adams, Pittsburgh, Pa., for western Pa. and W. Va.; E. A. Young, Richmond, Va., for N. C. and Va.; W. J. Gilsdorf, Lexington, Ky., for Ky. and Tenn.; George B. Gray, Fond-du-Lac, Wis., for northern Mich. and Wis.; W. H. Harman, Cleveland, O., for O. and southern Mich.; E. D. McCall, Omaha, Neb., general agent for Ia. and Neb.

HAWKEYE & DES MOINES FIRE INS. DEPT. OF THE FIREMANS FUND OF SAN FRANCISCO.

Policies issued are guaranteed by the Firemans Fund of San Francisco, which see. Territory restricted to Iowa.

HIBERNIA UNDERWRITERS, New York, N. Y.

Policies are guaranteed by the Home of New York, which see.

HOLLAND-AMERICAN UNDERWRITERS, Chicago.

Policies issued under this title are guaranteed by the Netherlands F. & L. of The Hague.

HOME UNDERWRITERS, Fordyce, Ark.

Policies issued under this title are guaranteed by the Home Fire of Fordyce, Ark., which see.

HOME UNDERWRITERS, New York.

Policies issued under this title are guaranteed by the Home Insurance Company of New York.

ILLINOIS UNDERWRITERS, Chicago, Ill.

Policies issued under this title are guaranteed by the Hanover Fire of New York.

INSURANCE EXCHANGE UNDERWRITERS, Philadelphia, Pa.

Policies issued under this title are guaranteed by the Mechanics of Philadelphia, which see.

INSURANCE UNDERWRITERS, New York.

J. S. Frelinghuysen, Manager, New York.

Policies issued under the above title are guaranteed by the Insurance Co. of the State of Pennsylvania, of Philadelphia, whose figures are here shown.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$3,791,196	\$2,158,949	\$325,316	*\$1,922,791	\$2,101,951	* \$1,370,281	\$60,000	\$770,275	\$2,200,556	\$1,314,511
1913	4,006,653	2,258,220	347,774	2,154,560	2,294,541	1,413,703	64,164	874,666	2,398,288	1,439,179
1912	3,703,190	2,192,245	403,492	2,239,203	2,367,469	1,397,462	64,000	848,919	2,310,381	1,386,444
1911	3,710,952	2,156,083	439,770	2,214,729	2,311,696	1,773,695	48,000	847,516	2,669,211	1,606,860
1910	3,339,241	2,151,652	438,944	2,575,835	2,702,766	1,460,335	48,000	901,934	2,410,269	1,549,043

Unearned premiums include amount reclaimable on perpetual policies.

* Includes \$382,042 mar. prems. and \$141,237 mar. losses

IOWA UNDERWRITERS, Dubuque, Ia.

Policies issued under this title are guaranteed by the Dubuque Fire and Marine, Dubuque, Ia.

THE JERSEY FIRE UNDERWRITERS, Newark, N. J.

Policies issued under this title are policies of the American Insurance Company of Newark, N. J., which see.

KEYSTONE UNDERWRITERS, Pittsburgh, Pa.

Henry Wachter, Manager. Organized, 1906.

Policies issued under the above title are guaranteed by the German Fire, German-American, Union and the Western, all of Pittsburgh, Pa.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$2,937,574	\$1,223,099	\$649,180	\$919,058	\$1,071,532	\$708,152	\$98,000	\$469,161	\$1,289,275	\$708,152
1913	3,178,322	1,542,795	572,932	1,600,124	1,751,126	892,900	98,000	737,890	1,728,790	870,448
1912	3,172,375	1,499,070	587,888	1,606,490	1,781,886	826,340	98,000	734,971	1,659,311	833,649
1911	3,079,191	1,429,942	575,151	1,522,126	1,665,510	803,257	96,000	717,320	1,616,149	952,719
1910	2,639,654	1,106,341	555,464	1,391,910	1,519,078	763,218	83,000	632,508	1,478,726	776,718

LONDON UNDERWRITERS, New York.

Policies issued under this title are guaranteed by the London Assurance of London, Eng., which see.

LUMBER UNDERWRITERS, Fordyce, Ark.

Policies issued under this title are guaranteed by the Home Fire of Fordyce, Ark., which see.

MERCANTILE FIRE UNDERWRITERS, Denver, Colo.

Policies issued under the above title are guaranteed by the Merchants Fire of Denver, Colo., which see.

MERCANTILE F. & M. UNDERWRITERS, St. Louis, Mo.

E. T. Campbell, Manager; W. A. Blodgett, Associate Manager; B. G. Chapman, Jr., Assistant Manager.

Policies issued under this title are guaranteed by the American Central of St. Louis, which see.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$4,279,431	\$1,755,322	\$1,115,519	\$3,091,776	\$3,898,339	\$2,175,640	\$149,985	\$1,494,276	\$3,809,901	\$2,200,731
1913	5,333,329	3,002,064	—60,801	3,400,143	3,599,443	1,922,823	119,985	1,342,518	3,385,131	1,969,841
1912	5,439,503	2,702,040	404,349	3,241,135	3,468,085	1,685,283	240,000	1,324,518	3,249,901	1,736,805
1911	5,471,862	2,364,803	855,872	2,599,618	2,854,242	1,679,835	260,000	1,035,534	2,975,369	1,647,617
1910	5,635,017	2,393,062	892,944	2,673,372	2,911,690	1,335,172	240,000	1,055,755	2,630,927	1,447,086

† Includes \$71,186 marine premiums and \$38,457 marine losses. — Excess of liabilities over assets.

MERCHANTS & BUSINESS MENS MUTUAL UNDERWRITERS, Towanda, Pa.

Policies are guaranteed jointly by the Business Mens Mutual of Towanda, Pa., and the Merchants Mutual of Wyalusing, Pa., which see. Each company assumes one half the risk.

MERCHANTS UNDERWRITERS, Fordyce, Ark.

Policies issued under this title are guaranteed by the Home Fire of Fordyce, Ark., which see.

MIDDLEWEST FIRE UNDERWRITERS AGENCY OF THE TWIN CITY FIRE, Minneapolis, Minn.

Policies are guaranteed by the Twin City Fire of Minneapolis, which see.

MINNESOTA UNDERWRITERS AGENCY, St. Paul, Minn.

Policies issued under this title are guaranteed by the St. Paul Fire and Marine of St. Paul, Minn., which see.

NEWARK UNDERWRITERS, Newark, N. J.

Policies are guaranteed by the Newark Fire of Newark, which see.

NEW ENGLAND UNDERWRITERS AGENCY, Concord, N. H.

Charles L. Jackman, Manager.

Policies issued under this title are guaranteed by the Capital Fire of Concord, which see.

FIELD MEN AND TERRITORY COVERED: C. L. Jackman (manager), F. T. Jackman (assistant manager) and A. R. Kendall,

special agents for N. H., Mass., Vt., R. I. and Conn.; J. W. Gailey, for Pa. The agency operates in Conn., Mass., N. H., N. Y., Pa., R. I. and Vt.

NEW HAVEN UNDERWRITERS AGENCY, New Haven, Conn.

Policies issued under this title are guaranteed by the Security of New Haven, Conn., which see.

NEW JERSEY FIRE UNDERWRITERS, Newark.

Policies issued under this title are guaranteed by the New Jersey Fire of Newark.

NEW YORK UNDERWRITERS AGENCY, New York, N. Y.†

A. & J. H. Stoddard, General Agents.

FIELD MEN AND TERRITORY COVERED: H. R. Mann, manager; F. M. Branch and H. R. Mann, Jr., assistant managers, 339-41 Sansome st., San Francisco, Cal., Pacific Coast department, comprising Cal., Ore., Wash., Ida., Mont., Utah, Nev., B. C., Ala. and Ariz.; special agents: A. E. Bailey, Seattle, Wash., for Western Ore.; Western Wash., Western B. C.; V. H. Quitow, San Francisco, Cal., for Northern Cal., Nev. and Utah; A. C. Anderson, San Francisco, Cal., for Central Cal.; H. B. Hagen, Spokane, Wash., for Eastern Ore.; Eastern Wash., Eastern B. C., Ida. and Mont.; H. Harry Smith, Los Angeles, Cal., for Southern Cal. and Ariz.; Walter A. Lauler and H. G. Braithwaite, special agents, 141 Milk st., Room 717, Boston, Mass., for Me., N. H., Eastern Mass. and R. I.; James Grover, special agent, 1 Court House pl., Springfield, Mass., for Conn., Vt., Western Mass. (Berkshire, Franklin, Hampden, Hampshire and Worcester Cos.); Alex J. Bates, special agent, 86 State st., Albany, N. Y. (Box 263), for Eastern N. Y.; Robert Forrest, special agent, Insurance Bldg., Rochester, N. Y. (Box 623), for Western N. Y.; C. C. Wayland, manager for New York City, 100 William st.; John Wallace, Long Island manager, 128 Montague st., Brooklyn, N. Y., for Long Island; Russell M. Young, special agent, Huntington, N. Y. (Box 225), for Putnam, Richmond, Rockland and Westchester Cos., N. Y.; Washington, D. C.; Maryland; and N. J. as follows: Hudson and Bergen Cos. and Elizabeth, Elizabethport, and Rahway; Chas. F. Enderly, special agent, 100 William st., New York, N. Y., for N. J., except Hudson and Bergen Cos. and Elizabeth, Elizabethport and Rahway; W. G. Munroe, special agent, 306 and 310 Walnut st., Philadelphia, Pa., for Eastern Pa. and Del.; H. C. Chase, special agent, 307 Fourth ave., People's Savings Bk. Bldg., Pittsburgh, Pa., for Western Pa.; H. T. Nelson, State agent for Va., 112 Mutual Bldg., Richmond, Va.; Bockover Toy, Trust Company of Georgia Bldg., Atlanta, Ga., State agent for southern Ga. and S. C.; J. C. Hunter, State agent, Trust Co. of Ga. Bldg., Atlanta, Ga., for southern Ga. and eastern Fla.; George A. Banta, special agent, Atlanta, Ga., for southern Ga. and eastern Fla.; W. R. Latimer, State agent, Trust Co. of Ga. Bldg., Atlanta, Ga., for Ala. and western Fla.; Garnett M. Beattie, State agent, 210 Tennessee Trust Bldg., Memphis, Tenn., for northern Miss., Tenn.; J. M. Henderson, State agent, 818 Hibernia Bldg., New Orleans, La., for southern Miss., La.; L. B. Leigh & Co., general agents for Ark., Little Rock, Ark.; Eugene Bullock, special agent, 1515 Busch Bldg., Dallas, Tex., (Box 937), for northern Tex.; O. T. Klepinger, special agent, 1802 Carter Bldg., Houston, Tex.

(P. O. Box, 333), for southern Tex.; C. J. Wyckoff, State agent, 1213-14 State Nat. Bank Bldg., Oklahoma, Okla., for Okla.; C. E. Monroe, special agent, 409 First Nat. Bk. Bldg., Cincinnati, O., for western O.; Walter R. Fogg, special agent, 307 Hartman Bldg., Columbus, O., for central O.; R. E. Momberger, special agent, 307 Schofield Bldg., S. W. cor. Euclid av. and 9th st., Cleveland, O., for eastern O.; C. H. Carpenter, State agent, Room 303, Union Tr. Co. Bldg., Parkersburg, W. Va., for W. Va., except Mason and Mercers Bottom; E. J. Hicks, State agent, Room 825, Ford Bldg., Detroit, Mich.; Geo. W. Lyons, special agent, 13 Schmelser Apartments (Box 269), Saginaw, Mich., for Mich.; Robert McHatton, State agent, Richard Creifelds, Jr., special agent, 1586 Merchants Nat. Bk. Bldg., Indianapolis, Ind., for Ind.; D. P. Coffman, special agent, 331 Union st., Lincoln, Ill., for central Ill.; R. L. Tanner, special agent, 2163 Insurance Exchange, Chicago, Ill., for northern Ill.; M. H. Grannat, special agent, 1454 Pierce Bldg., St. Louis, Mo., for southern Ill.; T. Z. Franklin, western special agent special risk department, 2163 Insurance Exchange, Chicago, Ill.; H. M. Alling, general inspector, special risk department; John P. Young, State agent, 212 Columbia Blvd., Louisville, Ky., for Ky.; Roy W. Smith, State agent and Arthur A. Knopp, special agent, 1454 Pierce Bldg., St. Louis, Mo., for Mo.; F. W. Edler, special agent, 909 Sharp Bldg., Kansas City, Mo., for western Mo.; W. M. Palmer, State agent, Lock Box, 602, Des Moines, Ia., for Ia.; Robe Bird, State agent, Sherman Scofield, special agent, 617 First Nat. Bk. Bldg., Milwaukee, Wis., for Wis.; George C. Mott, State agent, 443 Endicott Bldg., St. Paul, Minn.; John Boyle, State agent, Fargo, N. D., for N. D.; J. D. Dux, State agent, 303 Paulton Block, Sioux Falls, S. D., for S. D.; E. D. Marr, State agent, 909 Sharp Bldg., Kansas City, Mo., for Kan.; R. F. Howe, State agent, 1320 Farnam st., Omaha, Neb., for Neb.; John C. Jamieson, State agent, 15th and Champe sts., Denver, Colo., for Colo., N. M. and Wyo. T. D. Richardson, superintendent, for Canada, 16 Wellington st., East, Toronto; H. A. Joselin, inspector, Winnipeg, Manitoba, care of Oiler, Hammond & Nanton, Provincial agents: Ontario, Murphy, Love, Hamilton & Bascom, Toronto; Quebec, Jno. Wm. Molson and Robert Y. Hunter, Montreal; New Brunswick, White & Calkin, St. John; Nova Scotia, Alfred J. Bell, Halifax; Manitoba, Alberta and Saskatchewan, Oiler, Hammond & Nanton, Winnipeg; Newfoundland, Ayre & Son, Ltd., St. Johns. The company operates in all the States and Territories of the United States and in Hawaii, the Dominion of Canada and Newfoundland.

† Representing the Hartford Fire of Hartford, Conn.

NEW YORK-CALIFORNIA UNDERWRITERS, San Francisco, Cal.

Policies issued under this title are guaranteed by the California Fire of San Francisco, Cal., and the City of New York Fire, New York, which see.

NEW ZEALAND UNDERWRITERS.

Policies issued under this title are guaranteed by the New Zealand of Auckland.

NIAGARA-DETROIT UNDERWRITERS, New York.

Policies issued under this title are guaranteed by the Niagara Fire of New York, the Detroit Fire and Marine, and the Michigan Fire and Marine of Detroit, Mich.

NORTHERN UNDERWRITERS.

Policies are guaranteed by the Northern of London, which see.

NORTHWESTERN UNDERWRITERS AGENCY, Milwaukee, Wis.

John B. Faatz, Manager.

Policies are guaranteed by the Northwestern National of Milwaukee, which see.

FIELD MEN AND TERRITORY COVERED: E. H. Hoffman, assistant manager; John J. Lynch, Binghamton, N. Y., special agent for N. Y., Pa., N. J. and W. Va.; Joseph F. Curtin, Detroit, Mich., special agent for Mich., O. and Ky.; John R. Criley, Decatur, Ill., special agent for Ind. and Ill.; Wm. H.

Ruge, Faribault, Minn., special agent for Wm., Minn. and S. D.; N. P. McAllister, Kansas City, Mo., special agent for Mo. and Kan.; J. A. Rice, Lincoln, Neb., special agent for Ia. and Neb.; A. M. Smiley, special agent for Colo. The company operates in N. Y., N. J., Pa., O., Mich., Ky., Ind., Ill., Wm., Minn., Ia., Mo., Kan., Neb., S. D., W. Va., Colo. and Utah.

NOVA SCOTIA FIRE UNDERWRITERS AGENCY, New York, N. Y.

Policies are guaranteed by the Home of New York, which see.

PACIFIC UNDERWRITERS AGENCY.

Policies under this title, guaranteed by the Pacific Fire of New York, are issued in Ore., Wash., B. C., N. J., N. Y., Pa. and Ill.

PENN UNDERWRITERS, Pittsburg, Pa.

Policies under this title, guaranteed by the German American Fire of Pittsburg and the New Jersey Fire of Newark, N. J., which see, are issued in La. only. Each company liable for one-half of policies.

PHILADELPHIA UNDERWRITERS, Philadelphia, Pa.

Policies issued under the above title are guaranteed by the Insurance Company of North America and the Fire Association of Philadelphia.

The following tabulation exhibits the combined statistics of the constituent companies.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'ys'r's	Expenses	Total Expenditures	Losses Incurred
1914	\$27,667,773	\$13,398,522	\$7,102,833	*\$14,005,356	\$15,146,235	*\$8,193,940	\$780,000	\$5,330,085	\$14,304,025	\$8,695,541
1913	27,093,392	13,210,975	7,804,265	13,671,121	14,767,385	7,614,809	780,000	5,410,522	13,805,331	7,665,590
1912	26,862,406	12,939,077	7,242,382	13,485,061	14,544,214	7,443,227	780,000	3,510,212	9,032,180	5,189,168
1911	25,942,994	12,745,545	6,762,749	13,410,564	14,543,581	7,479,057	780,000	5,117,777	13,376,834	7,589,632
1910	24,728,728	12,324,059	6,150,848	13,085,046	14,621,525	6,959,922	660,000	4,955,814	12,575,736	7,096,440

* Includes \$3,623,295 marine premiums and \$1,813,347 marine losses. Unearned premiums include amounts reclaimable on perpetual policies.

FIELD MEN AND TERRITORY COVERED: W. B. Flickner, general agent, W. S. Foster, assistant general agent, Erie, Pa., for the western department; J. T. Kirkwood, Cleveland, O., State agent for Ohio and W. Va.; A. C. Mathews, Indianapolis, Ind., State agent for Ind. and Mich.; Jas. E. Chittenden, Louisville, Ky., State agent for Ky. and Tenn.; Charles O. Young, Minneapolis, Minn., State agent for Wis. and Minn.; D. S. Smith, Casselton, N. D., special agent for N. D.; David H. Stevens, Monroe City, Mo., State agent for Mo.; Shelby A. Fowler, Omaha, Neb., State agent for Neb., Ia. and S. D.; Samuel McAllister, Denver, Colo., State agent for Colo., Wyo. and N. M.; M. R. Blackwell, manager, Middle department, Philadelphia, Pa.; J. H. Ansley, Philadelphia, Pa., assistant manager, A. F. O'Daniel, special agent for Eastern Pa.; J. E. Waddle, Pittsburg, Pa., special agent for Western Pa.; J. T. Robertson, Baltimore, special agent for Md., Va. and D. C.; W. C. Hau, Arlington, N. J., special agent for N. J.; E. C. Price, Goshen, N. Y., special agent for Eastern N. Y.; George R. Johnson, Honeye Falls, N. Y., special agent for Western N. Y.; Whilden & Hancock, New York, N. Y., managers suburban N. Y.; Trevant & Cochran, general agents, Dallas, Tex., for Tex., La. and Ark.

F. M. Avery, general agent, San Francisco, Cal., for the Pacific Coast, covering Cal., Ariz. and Nev.; special agents: Chas. S. Spinney and Thos. F. O'Grady, San Francisco, Cal.; Geo. F. Stanford, Los Angeles, Cal.; Charles E. Parker & Co., managers, Hartford, Conn., for the New England States; George E. Macomber, Augusta, Me., State agent for Me.; Wm. H. Winkley, 93 Water st., Boston, Mass., special agent for N. H., Eastern Mass. and R. I.; John W. Munroe, Hartford, Conn., special agent for Vt., Western Mass. and Conn.; Edward S. Gay, manager, Atlanta, Ga., for N. C., S. C., Ga., Fla., Miss. and Ala.; Cary P. Carr, Vicksburg, Miss., special agent for Miss.; W. C. Rader, Birmingham, Ala., special agent for Ala.; R. N. Clark, Atlanta, Ga., special agent for Ga.; J. H. Talley, Jacksonville, Fla., special agent for Fla.; James W. Cochran, manager Northwestern department, 159 La Salle st., Chicago, Ill., covering Ida., Mont., Utah, Wash. and Ore.; Percy B. Churchill, Helena, Mont., State agent for Mont. and Ida.; L. D. Cuffin, Denver, Colo., State agent for Utah; F. J. Alex. Mayer, State agent, and R. M. Berger, special agent, Portland, Ore., for Ore. and Wash.

PHOENIX UNDERWRITERS, New York.

Policies are issued and guaranteed under this title by the Phoenix Assurance of London.

PITTSBURG UNDERWRITERS, Pittsburg, Pa.

Geo. R. Davies, Manager. Organized, 1898.

Policies issued under the above title guaranteed by the Allemania, the Humboldt, National-Ben Franklin, and the Teutonia of Pittsburg.

The following tabulation exhibits the combined statistics of the constituent companies.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$7,600,157	\$4,038,777	\$1,376,495	\$3,870,285	\$4,743,576	\$2,439,481	\$208,000	\$2,239,980	\$4,887,461	\$2,569,799
1913	7,732,467	3,923,754	1,749,770	3,755,667	4,142,963	1,995,994	270,074	1,691,852	3,957,920	1,946,993
1912	7,562,840	3,749,314	1,737,125	3,658,200	4,036,184	1,856,018	270,000	1,622,090	3,748,108	1,840,631
1911	7,278,471	3,442,700	1,717,190	3,507,843	3,873,874	1,886,808	250,064	1,543,549	3,690,421	1,893,798
1910	7,063,654	3,200,478	1,768,378	3,429,854	*3,945,043	1,604,753	1389,536	1,449,621	3,443,910	1,600,850

* Includes \$125,000 premium on new stock.

† Includes \$175,000 stock dividend.

PROTECTOR UNDERWRITERS OF HARTFORD, CONN.

Policies issued under the above title are guaranteed by the Phoenix of Hartford, which see.

PROVIDENCE UNDERWRITERS AGENCY, Providence, R. I.

Policies issued under this title are guaranteed by the Providence Washington of Providence, R. I., which see.

PRUSSIAN NATIONAL UNDERWRITERS AGENCY, Chicago, Ill.

Policies issued under this title are guaranteed by the Prussian National of Stettin, which see.

REPUBLIC UNDERWRITERS, Dallas, Tex.

Geo. W. and I. Jalonick, Managers. Organized, 1906.

Policies issued under the above title are guaranteed by the Austin Fire and the Commonwealth Fire of Dallas, Tex., whose combined figures are here shown.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,261,845	\$439,316	\$321,740	\$513,889	\$603,007	\$244,978	\$50,000	\$202,373	\$497,351	\$360,379
1913	1,257,967	403,057	259,624	485,489	566,967	245,302	50,000	189,890	485,192	244,904
1912	1,174,970	377,152	231,129	473,891	553,227	236,564	49,151	179,574	515,289	285,697
1911	1,136,274	360,771	202,839	466,420	562,770	294,651	43,458	179,216	514,325	284,457
1910	1,022,299	336,714	173,774	461,745	532,277	282,783	43,000	187,852	513,635	295,406

ROCHESTER GERMAN UNDERWRITERS, Rochester, N. Y.

F. W. Jenness, Manager; G. W. Batchelder, Assistant Manager.

Policies issued under this title are guaranteed by the German American of New York, which see.

FIELD MEN AND TERRITORY COVERED: J. H. Bourne, special agent, 141 Milk st., Boston, Mass., for Mass., Me., R. I. and N. H.; F. R. Knox, special agent, Springfield, Mass., for western Mass. and Conn.; John F. Stief, special agent, Philadelphia, Pa., for Pa., Del., Md. and D. C.; L. G. Leonard, special agent, Syracuse, N. Y., for N. Y.; Arthur Birchenough, Paterson, N. J. for N. J. and eastern N. Y.; Raymond Waldron, State agent, Ins. Exch., Chicago, Ill., for Wis. and Ill.; L. T. Johnson, Ins.

Exch., Chicago, Ill., special agent for Wis. and Ill.; The Lohmeyer-Goldsmith-Patterson Co., general agents, Charleston on Kanawha, W. Va. for W. Va.; F. M. Fargo, State agent, Minneapolis, Minn., for Minn., N. D. and S. D.; C. G. McCray, State agent, Columbus; H. A. Bartels, State agent, Detroit, Mich., for Mich. and Ind.; W. E. Page, State agent, Des Moines, Ia., for Ia. and Mo.; W. Geo. Thomas, special agent, Richmond, Va., for Va., N. C. and S. C.; R. T. Caldwell, special agent, Atlanta, Ga., for Ga. and Fla.; J. Priestly Orme, special agent, Atlanta, Ga., for Ala., Miss., Ky. and Tenn.; G. S. Minty, superintendent, Toronto, Ont., for Canada.

ROYAL UNDERWRITERS AGENCY, Chicago, Ill.

Policies are issued under this title in a restricted territory by the Royal of Liverpool, which see.

SCOTCH UNDERWRITERS, San Francisco, Cal.

A. C. Olds, Manager.

Policies issued under the above title are guaranteed by the Caledonian of Edinburgh, which see.

STATE INSURANCE CO. DEPARTMENT OF THE PHOENIX INS. CO.,
HARTFORD, Des Moines, Ia.

Webb M. Elliott, Manager; R. A. Elliott, Assistant Manager.

Policies issued under this title are guaranteed by the Phoenix of Hartford, which see.

STUYVESANT UNDERWRITERS, New York.

Policies issued under the above title are guaranteed by the Stuyvesant of New York, which see.

SUN UNDERWRITERS AGENCY, New York.

Policies issued under this title are guaranteed by the Sun Insurance Office, London, which see.

UNITED AMERICAN UNDERWRITERS AGENCY OF THE TWIN
CITY FIRE INS. CO., Minneapolis, Minn.

Policies are guaranteed by the Twin City Fire of Minneapolis, Minn., which see.

UNITED STATES UNDERWRITERS POLICY, New York.

Policies issued under the title are underwritten by the North River, Williamsburgh City Fire, and the United States Fire.

WINNIPEG FIRE UNDERWRITERS AGENCY, New York, N. Y.

Policies are guaranteed by the Home of New York.

WISCONSIN UNDERWRITERS, Milwaukee, Wis.

Policies are guaranteed by the Concordia Fire of Milwaukee, Wis.

LLOYDS AND RECIPROCAL UNDERWRITERS ASSOCIATIONS

Aside from the Lloyds and inter-insurance associations located in New York State, and which are required to file sworn annual statements with the Insurance Department, there are few such associations which do report to any State Insurance Department. Those which do not report must be judged in accordance with the character and past record of their managers, in conjunction with the financial standing and reputation of the underwriters. The subscribers usually assuming obligations for specified amounts in addition to any initial deposits which they may have made—and in some cases assuming an unlimited additional liability—much depends upon the responsibility of the underwriters, as well as upon their punctuality in meeting obligations. As the liability assumed is individual, and not joint (with one or two exceptions), it is essential to the value of a policy in its entirety that each and every underwriter subscribing thereto shall be good for his share of the aggregate insurance; for if one underwriter proves to be unable to pay his share, it cannot be recovered from the others. The character of the management also counts for a great deal in estimating the value of a Lloyds policy; for, although the Lloyds may have a strong list of underwriters, a reckless or plunging manager may involve the concern so deeply in losses that the latter would greatly exceed the maximum liability of the underwriters, with consequent loss to the insured. In the past, Lloyds policies have been sold whose underwriters were, in some cases, found to be transient occupants of cheap lodging houses, who cheerfully assumed an unlimited future liability for a five-dollar bill in hand, and would throw in an affidavit that the subscriber was worth one million dollars! Some of the "securities" claimed by certain fraudulent concerns had as little tangible value as the affidavits referred to. These matters are merely cited to indicate the importance of investigating the character and standing of Lloyds associations and companies before accepting and relying upon their policy contracts. There are Lloyds and inter-insurance associations in business to-day which have long and honorable records, and whose policies may be accepted with confidence. Careful discrimination should be exercised between such associations and those which may be classed as totally irresponsible, or those which habitually scale their loss payments.

ALLIED UNDERWRITERS AT NEW YORK AND CHICAGO LLOYDS, New York.

Attorney, E. A. G. Intemann, Jr., 51 Sixth Ave. Organized, 1882.

Year	Assets	Unearned Premiums	Surplus as to P'y'rs	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$19,164	\$3,169	\$9,427	\$6,313	\$7,108	\$3,080	\$1,000	\$2,361	\$6,421	\$3,080
1913	18,553	3,217	8,542	6,418	7,201	364	61,469	3,540	5,373	364
1912	17,055	3,063	5,902	6,168	6,789	364	61,177	2,143	8,684	364
1911	15,951	2,434	8,165	8,848	\$7,886	381	\$9,384	2,800	\$12,565	371
1910	31,562	8,649	26,225	7,232	8,697	577	3,600	1,962	6,139	577

† Excluding \$1,550 deposited by underwriters. ‡ Excluding \$14,600 deposits returned to underwriters. a Underwriters accumulated profits withdrawn in 1910. b Includes payments to retiring underwriters.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$13,000	Unearned prems.....	\$3,169
Cash.....	5,696	Other liabilities.....	318
Agents' balances.....	330		
Interest.....	138	Total liabilities.....	\$3,487
		Underwriters' deposits	6,250
		Net surplus.....	9,427
Total assets.....	\$19,164	Total.....	\$19,164

RISKS AND PREMIUMS: Fire risks in force, December 31, 1903, \$40; premiums thereon, \$6,338.

MORTGAGE LOANS: Two loans of \$2,500 each, and one of \$2,000 are on properties on Chestnut st., near Atlantic ave., Brooklyn, valued respectively at \$5,400, \$4,700 and \$4,200; one of \$3,500 is on northeast cor. Chestnut and Pierce sts., Richmond Hill, N. Y., valued at \$7,900; one of \$2,500 is on property on Ward st. (Queens), near Mill st., valued at \$4,400.

MISCELLANEOUS: Formed as Spanish-American Underwriters; changed to New York and Chicago Lloyds in 1890; present title adopted in December, 1901. Conflagration losses: Baltimore, 1904, \$3,450. A receiver was appointed in 1905 for the firm of Boughan & Co., which previously managed this Lloyds.

That firm was composed of Ben. A. Boughan and David F. Casey. A receiver was also appointed for the Lloyds. In 1906, this Lloyds passed under the management of E. A. G. Intemann, Jr.

UNDERWRITERS: There are 25 underwriters, who are respectively liable for their proportions of risks written. E. A. G. Intemann, Sr., Navesink ave., Highlands, N. J.; O. J. Martens, 915 Prospect ave., N. Y.; P. F. Kinck, 3903 Farragut rd., Brooklyn; Wm. F. Haase, 1441 E. 27th st., Brooklyn; John Bruns, 1319 Ward st., Richmond Hill, N. Y.; John Schumacher, 600 Eastern Parkway, Brooklyn; H. L. Holsten, 1906 3rd ave., N. Y.; Henry Kahra, 1454 3rd ave., N. Y.; J. Henry Cordes, 419 9th ave., N. Y.; J. H. Paradise, 288 E. 201st st., N. Y.; Henry Lohden, 249 Mt. Hope place, N. Y.; J. D. Scheffer, 2018 Dorchester rd., Brooklyn; Henry B. Thoele, 1332 Spruce st., Richmond Hill, N. Y.; Christ Pape, 916 E. 176th st., N. Y.; Martin Detjen, 415 E. 146th st., N. Y.; estate of Henry Martens, 915 Prospect ave., N. Y.; Chas. Plump, 336 Pavonia ave., Jersey City; A. B. Schmidt, 483 4th st., Brooklyn; Fred Markhoff, 119 Chestnut st., Brooklyn; Henry Tiedemann, 250 Kingston ave., Brooklyn; Henry Luca, 521 Dekalb ave., Brooklyn; Peter Eckhoff, 1791 Amsterdam ave., N. Y.; J. H. Heitmann, 2975 3rd ave., N. Y.; J. F. Gavenda, 148 2d ave., N. Y.; Henry Posttrup, 292 Central ave., Brooklyn.

ALPHA RECIPROCAL UNDERWRITERS, St. Joseph, Mo.

Robert Winning, Attorney and Manager.

This association was reported to have commenced business in 1913. It confines its operations to St. Joseph, Mo., and writes fire insurances on all classes of mercantile risks. The maximum

amount written on any one risk is \$10,000 on sprinklered properties and \$5,000 on non-sprinklered. No financial statement was forthcoming from the company, though requested.

AMERICAN EXCHANGE UNDERWRITERS, New York.

Attorneys and Managers, Weed & Kennedy, 123-123 William St. Organized, 1892.

Year	Assets	Unearned Premiums	Surplus as to P'y'rs	Net Premiums	Total Income	Losses Paid	Profits Returned	Expenses	Total Expenditures	Losses Incurred
1914	\$498,981	\$46,633	\$450,266	\$98,902	\$116,932	\$10,847	\$20,085	\$18,196	\$49,128	\$2,002
1913	428,435	50,500	359,404	124,611	139,516	833	25,665	21,130	47,658	8,333
1912	242,342	50,045	277,343	104,038	114,586	4,637	5,047	16,823	26,507	4,537
1911	259,613	44,779	214,235	93,401	101,040	29,040	7,786	15,284	52,110	29,140
1910	209,809	39,454	169,655	84,355	90,541	201	1,442	14,807	15,008	201

AMERICAN EXCHANGE UNDERWRITERS, New York.—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks	\$431,965	Losses unpaid	\$576
Cash	59,280	Unearned premiums	46,633
Outstanding premiums	2,992	Other liabilities	1,506
Interest	4,338		
Other assets	426	Total liabilities	\$48,715
		Surplus	450,266
Total assets	\$498,981	Total	\$498,981

RISKS AND PREMIUMS: Fire risks in force, December 31, \$22,470,644; premiums thereon, \$93,266.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,311,081; losses paid, \$309,506.

BONDS OWNED:		Par Value	Market Value
N. Y. City, 1968, 4%		\$30,000	\$30,000
N. Y. C., 1957, 4%		70,000	74,900
N. Y. C., 1963, 4%		35,000	37,800
N. Y. C., 1959, 4%		50,000	50,000
N. Y. C., 1954, 3%		5,000	4,400
N. Y. C., 1915, 6%		28,000	28,000
N. Y. C., 1916, 6%		2,000	2,040
N. Y. Tl., 1936, 4%		25,000	23,750
Del. & Hud., 1943, 4%		20,000	18,400
Gt. Northern, 1961, 4%		15,000	14,700
Louis. & Nash. (A.K. & C.), 1955, 4%		25,000	21,250
Jams. Frak. & Clear., 1959, 4%		15,000	12,750
N. P., Gt. N., C. B. & Q., 1921, 4%		15,000	14,250
Union Pac., 2008, 4%		35,000	30,800
Chi., M. & St. P. cv., 1932, 4%		45,000	43,425
State of N. Y. highway, 1961, 4%		25,000	25,500
Totals		\$440,000	\$431,965

MISCELLANEOUS: Formed as Lloyds of New York City in September, 1932, name changed in 1906 to Majestic Fire Association, present title assumed December 20, 1905. This association commenced business on the inter-insurance plan on November 24, 1905. Only sprinklered risks are accepted, the maximum line on each risk being one-fourth of the total liability of each subscriber. Expenses are limited to 15 per cent. No deposits are now required to be made by underwriters. Largest sum written on a single risk, \$360,000.

UNDERWRITERS: Mills & Gibb, Stern Brothers, Lord & Taylor, James McCreery & Co., Musser Bros., J. Kridel, Sons & Co., James H. Dunham & Co., Lesher, Whitman & Co., H. A. Caesar & Co., J. E. Linde Paper Co., Arnold, Constable & Co., Franklin Simon & Co., Kranich & Bach, Hicks, Arnold Weatherbee, W. H. McGrawin Co., McGibbon & Co., Longmans, Green & Co., Francis L. Leland, L. and E. Stern, N. Y. City, George McNeir, W. & J. Skoane, Lehn & Fink, Susquehanna Silk Mills, J. H. Thorp & Co., Downing, Clark & Co., Geo. Borgfeldt & Co., Rogers, Feet Co., L. Epstein & Bro., C. G. Gunther's Sons, New York City; John E. Hurst & Co., Daniel Miller Co., Schloss Bros. & Co., Strauss Brothers, Strouse & Brothers, Frank Realty & Invest-

ment Co., Jacob Epstein et al., Sharp & Dohme, L. Greif & Bro., Brigham, Hopkins Co., Stewart & Co., Hutalor Bros. Co., The R. M. Sutton Co., Baltimore; Mitchell Woodbury & Co., Boston; Balch, Price & Co., Frederick Looser & Co., Ernest J. Hanford, Abraham & Straus, Brooklyn; The Wm. Hengeman Co., J. N. Adam & Co., Buffalo; Carson, Pirie, Scott & Co. (2), Kellogg Switchboard Co., Mandel Brothers, Strauss Brothers, The Fair, Chicago; The John Shillito Co., Cincinnati; The Sherwin-Williams Co., The Bailey Co., The Higbee Co., Cleveland; Sanger Bros., Dallas Coffin Co., Dallas; The Lowe Bros. Co., Dayton; The J. L. Hudson Co., Detroit; Marshall Wells Hardware Co., Duluth; W. C. Stripling, Fort Worth; Grand Rapids Refrigerator Co., C. H. & F. E. Leonard, Grand Rapids; Jersey City Printing Co., Jersey City; Brown, Thomson & Co., Hartford; Emery, Bird, Thayer Dry Goods Co., Smith, McCord Townsend Dry Goods Co., Geo. B. Peck Dry Goods Co., Kansas City; A. Hamburger & Sons, J. W. Robinson Co., Los Angeles; Stewart Dry Goods Co., Louisville; A. E. Little & Co., Lynn; Stratton-Warren Hardware Co., Memphis Furniture Mfg. Co., Memphis; Dayton Co., Powers Mercantile Co., Minneapolis; Dry Goods Co., Minneapolis; Sherwin-Williams Co., Canada, Ltd., Alphonse Racine, Ltd., Montreal; Herman Bros., Lindauer & Co., M. S. & L. Lebeck, Neely, Harwell & Co., Gray & Dudley Hardware Co., Nashville; Hahn & Co., Newark; D. H. Holmes & Co., Ltd., Wm. Henderson, New Orleans; The A. B. Chase Co., Norwalk, O.; Hayden Brothers, F. P. Kirkendall & Co., Wright & Wilhelmly Co., Omaha; Lit Brothers, Gimbel Brothers, C. F. Rumm & Sons, S. B. & B. W. Fleischer, Strawbridge & Clothier, Joel Bailly Davis Co., Philadelphia; H. Childs & Co., Kaufmann Dept. Stores, Inc., McCreery & Co., Pittsburg; Luckey, Platt & Co., Poughkeepsie; Callender, McAulan & Troup Co., The Shepherd Co., Providence; Dives, Pomeroy & Stewart, Reading, Pa.; L. P. Ross Co., Sibley Lindsay & Curt Co., Rochester; Weinstein, Lubin & Co., Sacramento; Hale Bros., Inc., H. S. Crocker Co., San Francisco; The Marston Co., San Diego; Wheeler & Motter Mercantile Co., St. Joseph; Rice-Stix Dry Goods Co., Simmons Warehouse Co., Stix, Baers & Fuller Dry Goods Co., Simmons Hardware Co., L. Hersog & Bro., Dry Goods Co., St. Louis Coffin Co., Scruggs Vandervoort-Barney Dry Goods Co., The May Dept. Stores Co., St. Louis; E. W. Edwards & Son, Syracuse; The Linsale & Koch Co., The Cohen, Friedlander, Martin Co., Toledo; John C. Eaton (The T. Eaton Co.), The Lyman Bros. & Co., Toronto; Sanger Bros., Waco, S. Kann, Sons & Co., Parker, Bridget & Co., Woodward & Lothrop, Lansburgh & Bro., Washington; John C. Eaton (The T. Eaton Co.), Winnipeg; Calhoun, Robbins & Co., Walter Emmerich & Co., New York; W. H. Browning (Browning, King & Co.), New York; John S. Brittain Dry Goods Co., St. Joseph; Carson, Pirie, Scott & Co., (retail), Chicago; John C. Eaton (The Eaton Co.) Annex, Toronto; Revillon Freres, New York City; T. M. Sincalir & Co., Cedar Rapids, Ia.; Brunswig Drug Co., Los Angeles; P. P. Martin & Co., Montreal; J. Bacon & Son, Louisville; E. W. Edwards & Son, Rochester; Levin-Zirkoski Mercantile Co., St. Louis, Seattle Dry Goods Co., Seattle, Wash. The three following named underwriters are liable for a maximum sum of \$1,000 each: Saml. R. Weed, New York; Joseph S. Irving, New York; Ralph M. Stauffen, New York; The Jones Store Co., Kansas City; Montgomery Fair, Montgomery, Ala.; The MacDougall & Southwick Co., Seattle, Wash.

AMERICAN FIRE UNDERWRITERS, St. Louis, Mo.

This organization was reported as having been formed by V. K. Besonette & Co., Waco, Tex. No information concerning its operations can be ascertained from the organizers.

UNDERWRITERS AT AMERICAN LLOYDS, New York.

Attorneys, Hall & Trowbridge, 123 William st. Organised, 1890.

Year	Assets	Unearned Premiums	Surplus as to P'ys'rs	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$899,279	\$173,808	\$584,553	\$243,316	\$295,996	\$55,339	\$54,699	\$99,750	\$309,798	\$77,762
1913	895,744	171,597	605,590	243,909	*279,549	115,276	53,763	101,919	270,958	115,395
1912	926,396	159,033	763,044	266,582	*320,081	122,578	54,623	103,138	280,336	100,774
1911	1,016,788	143,776	839,316	259,384	*295,020	98,443	54,987	97,734	251,164	117,339
1910	997,270	152,703	832,594	271,626	*307,398	58,586	56,239	103,277	218,109	58,961

* Excluding deposits of subscribers. † Excluding payments to retiring subscribers.

UNDERWRITERS AT AMERICAN LLOYDS, New York—Continued.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks....	\$798,191	Losses unpaid.....	\$29,918
Cash.....	59,601	Unearned premis.....	173,808
Premis. uncoll.....	33,826	Other liabilities.....	5,000
Interest.....	7,571		
		Total liabilities.....	\$208,726
		Undra. deposits.....	106,000
		Net surplus.....	584,553
Total assets.....	\$899,279	Total.....	\$899,279

RISKS AND PREMIUMS: Fire risks in force, December 31, \$52,944,628; premiums thereon, \$348,325.

BUSINESS SINCE ORGANIZATION: Premiums received, \$5,756,958; losses paid, \$1,906,754; dividends declared, \$906,512.

BONDS OWNED.	Par Value.	Market Value.
State of Mass., 1925, 3½%.....	\$30,000	\$27,900
State of N. Y., 1900, 4%.....	25,000	25,500
Essex Co. Park, N. J.....	50,000	49,000
Toronto, Ont., 1948, 4%.....	21,900	19,491
Brooklyn, East River bg., 1937, 3½%.....	50,000	45,000
New York City, 1920-8, 3%.....	150,000	139,450
New York Cy., 1954, 3½%.....	35,000	30,800
New York Cy., 1957, 4½%.....	315,000	337,050
Ach., Top. & S. Fe, 1906, 4%.....	25,000	24,000
B. & O., 1948, 4%.....	25,000	23,250
Cleve. Cin., Chi. & St. L., 1993, 4%.....	25,000	19,250
Chi. & Nwa., 1957, 4%.....	25,000	23,750
Pitts., C. & St. L., 1945, 4%.....	25,000	23,750
Lackawanna, St. L., cv., 1915, 5%.....	10,000	10,000
Totals (book value, \$813,530).....	\$811,900	\$793,200

MISCELLANEOUS: This Lloyd's writes fire and sprinkler leakage insurance upon sprinklered risks only. Of its securities \$200,000 are on deposit with the New York Life Insurance & Trust Co., as trustee, for the protection of policyholders. Each subscriber assumes a liability of \$10,000 on each and every conflagration.

UNDERWRITERS:

	Limit of Liability in a Single Conflagration.
Frank A. Vanderlip, pres. Nat. City Bank, N. Y.....	\$10,000
William T. Evans, of Mills & Gibb, Inc., N. Y.....	10,000
Edgar S. Palmer, pres. of the N. J. Zinc Co., N. Y.....	10,000
David S. Walton, of D. S. Walton & Co., N. Y.....	10,000
John N. Beach, pres. Lords Court Bldg. Corp., N. Y.....	10,000
Andrew B. Wallace, of Forbes & W. Springfield, Mass.	10,000
Walter Callender, of Callender, McAulian & Troup Co., Providence, R. I.....	10,000
Samuel W. Woodward, of Woodward & Lathrop, a Corporation, Washington, D. C.....	10,000

UNDERWRITERS—Cont.

	Limit of Liability in a Single Conflagration.
Chas. J. Follmer, of Follmer, Clogg & Co., Inc., N. Y.....	\$10,000
William W. Lawrence, pres. National Lead Co., N. Y.....	10,000
William J. Stitt, of Jacob Adler & Co., N. Y.....	10,000
Chas. D. Armstrong, Armstrong Cork, Pittsburg.....	10,000
Erickson Perkins, of E. Perkins & Co., Rochester.....	10,000
John D. Larkin, pres. Larkin Co., Buffalo, N. Y.....	10,000
Harvey Childs, Jr., of H. Childs & Co., Pittsburg, Pa.....	10,000
Lucius N. Littauer, of Littauer Bros., N. Y.....	10,000
Felix Fuld, of L. Bamberger & Co., Newark, N. J.....	10,000
Joseph E. Brown, of Blake Bros. & Co., N. Y. and Bos.....	10,000
L. Laffin Kellogg, of Kellogg & Rose, N. Y.....	10,000
Samuel Sloan, vice-pres. Farmers Loan & T., N. Y.....	10,000
William R. Heath, vice-pres. Larkin Co., N. Y.....	10,000
Jas. G. Johnson, of Jas. G. Johnson & Co., a corp., N. Y.....	10,000
Leo H. Wise of Wise Bros., N. Y. and Baltimore.....	10,000
Henry A. Sherwin, pres. Sherwin-Williams, Cleve.....	10,000
T. Howe Childs, 2d v.-p., Colonial Steel, Pittsburg.....	10,000
Wm. P. Aldrich, of Worthen & Aldrich.....	10,000
Jacob Amos, Baldwinville, N. Y.....	10,000
Henry Buhl, Jr., of Boggs & Buhl, Pittsburg, Pa.....	10,000
Eugene S. Pike, Chicago, Ill.....	10,000
Wm. E. Mathews, pres. Matthews Leing, Ltd., Hull, Canada.....	10,000
Thomas Dimond, 20 W. 73d st., N. Y.....	10,000
Eugene V. Connett, Jr., of E. V. Connett & Co., N. Y.....	10,000
John B. Sutphen, of Sutphen & Myer, N. Y.....	10,000
Theo. T. De Vinne, pres. The De Vinne Press, N. Y.....	10,000
Albro J. Newton, pres. Albro J. Newton Co., Bklyn.....	10,000
William H. Butler, 142 W. 21st st., N. Y.....	10,000
Henry A. Caesar, of H. A. Caesar & Co., N. Y.....	10,000
Edward E. Hall, of E. E. Hall & Co., N. Y.....	10,000
Harry J. O'Brien, insurance, Chicago, Ill.....	10,000
Andrew M. Cooper, v.-p. Howland Dry Goods, Bridgeport, Conn.....	10,000
Charles F. Miller, pres. Hamilton Watch, Lancaster.....	10,000
Theron McCampbell, pres. Home Pattern, N. Y.....	10,000
E. A. Richard, 50 W. 90th st., N. Y.....	10,000
T. F. Victor, of Fred'k Victor & Achelis, New York.....	10,000
Rudolph Erbeloh, p. Dieckerhoff, Raffoer & Co., N. Y.....	10,000
Charles C. Ballantyne, v.-p. Sherwin-Williams, Mont'l.....	10,000
Ernest J. Hanford, v.-p. Fred'k. Loeser & Co., Brooklyn, N. Y.....	10,000
Daniel P. Morse, of Morse & Rogers, N. Y.....	10,000
Peter T. Watt, of Watt & Strand, Lancaster, Pa.....	10,000
Hicks A. Weatherbee, pres. Arnold Constable & Co., Inc.....	10,000

TERRITORY COVERED: The American Lloyds is licensed to operate in Ill., Mass., Minn., Mo., Wash., Wis., Canada and N. Y. and files reports annually with the insurance departments of those States and N. Y.

AMERICAN INTER-INSURANCE EXCHANGE, Kansas City, Mo.

Attorney, Geo. C. Ewing. Organised, 1911.

This inter-insurance association has over 300 members, and writes fire insurance on metal working industries only.

During 1914 it received \$20,353 of net deposit premiums; total income, \$30,606; losses paid, \$2,212; losses incurred, \$2,212; returned to policyholders \$2,475; expenses, \$5,812; total expenditures, \$10,500. Fire risks in force Dec. 31, 1914, \$1,632,950; premiums thereon, \$20,354; business since organization: pre-

miums received, \$38,733; losses paid, \$8,966; returned to policyholders, \$3,118. This bureau is now returning to members about 25% of deposit premiums in cash and placing an equal amount in surplus or reserve fund. The Advisory Committee are: Philitus W. Gates, Wm. C. Es Mueller, H. N. Strait, Walter H. Prier and E. J. Hess. The company is licensed in Ill.

ANCHOR FIRE INSURANCE ASSOCIATION of Dallas, Tex.

Attorney and Manager, J. Max Pierce. 310 Juniata Bldg.

This is a reciprocal underwriters association which began business in 1911 under the name of Fidelity Fire Insurance Association with Y. B. Dowell of Dallas, Tex., as attorney and manager. In 1913 the name was changed to the Anchor Fire Insurance Association and in March, 1914, W. H. Messick was appointed attorney and manager in place of Y. B. Dowell and was recognised as

such by the Texas Department of Insurance and Banking. In May, 1914, J. Max Pierce succeeded Mr. Messick. The attorney and manager supplies the following statement: assets, January 1, 1914, \$3,954 including \$250 office furniture; \$1,243 mortgage loan; \$1,518 agents' balances; liabilities, \$560; reserve fund, \$3,399.

ASSURANCE UNDERWRITERS OF AMERICA, New York.

Attorneys, Wilcox, Peck & Hughes, 3 So. William st., New York. Organized, 1892.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$72	\$6	\$66	\$8	\$3			\$1	\$1	
1913	65	5	60	3	3			2	2	
1912	64	14	50	48	48			11	11	
1911	27	20	7	32	32	\$716		379	1,095	
1910	*1,000	3	87	6	\$1,003			127	127	

* Assets consist of cash, the liabilities were unpaid losses, \$1,000, and unearned premiums, \$3. † Includes \$697 contributed by underwriters. ‡ Cash.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$320; premiums thereon, \$2.

MISCELLANEOUS: From 1892 to 1897 this Lloyd's was under the active management of R. C. Rathbone & Son, who then organized the Assurance Company of America to take over its business. In 1902 the "charter" passed to F. M. Parker, formerly secretary of the Citizens Insurance Co. of New York, who thereafter managed its affairs. In September, 1904, it reinsured its un-

sprinklered risks in the Jefferson Fire & Marine, of Richmond. In 1910 the charter was sold by Frank M. Parker to Vincent R. Schenck and was later acquired by the present underwriters. Liability of subscribers is unlimited. Conflagration losses: Baltimore, 1904, \$10,775; San Francisco, 1906, no loss.

UNDERWRITERS: Chas. D. Franks, Joseph C. Hughes, Percy S. Mallett, Raymond T. Marshall, Chas. E. Peck, Wm. A. Prime, Chas. Sayles, H. N. Townsend, W. G. Wilcox, Chas. F. Wreak.

AUTOMATIC SPRINKLER INTER-INSURANCE EXCHANGE, Baltimore, Md.

This association was in process of formation early in 1911, by J. Ramsey Barry & Co., of Baltimore.

AUTOMOBILE INDEMNITY EXCHANGE, Kansas City, Mo.

Attorney and Managers, T. H. Mastin & Co.

This inter-insurance exchange began business in June, 1908, and writes automobile liability property damage, fire, theft and collision lines to automobiles. It seems to be a reliable bureau of

good repute. The attorneys fees are limited to 25% of premium receipts.

AUTOMOBILE RECIPROCAL EXCHANGE, Kansas City, Mo.

Attorney and Manager, E. G. Trimble.

This inter-insurance exchange was formerly operated at Houston, Tex., under the management of E. G. Trimble, J. R. Young, and E. L. Felker. It is now operated as a department of the

Employers Indemnity Exchange, accepting risks on private automobiles. As of Dec. 31, 1914, the Employers Indemnity Exchange had assets of \$364,076 and a surplus of \$341,444.

AUTOMOBILE UNDERWRITERS OF AMERICA, San Antonio, Tex.

Manager, Van A. Webster. Established, 1910.

This association was organized to insure automobiles on the inter-insurance plan. Van A. Webster also manages the Common-

wealth Underwriters of San Antonio, Tex., and the Southern Underwriters of San Antonio, Tex.

BAKERS RECIPROCAL EXCHANGE, Kansas City, Mo.

Attorney and Manager, Bruce Dodson, Sharp Building. Organized 1911.

This is an inter-insurance association managed by Bruce Dodson as a department of the Reciprocal Exchange, Kansas City, Mo., which see. The above exchange, together with the Launderers

and Publishers are grouped in one class at the Reciprocal Exchange and then combined. Statement is given under Publishers Reciprocal Exchange, Kansas City, Mo.

BANKERS INTER-INSURANCE ALLIANCE OF AMERICA, Kansas City, Mo.

Attorneys and Managers, B. H. McGarvey & Co., Midland Bldg. Established, 1906.

This is an inter-insurance exchange; it writes only brick and stone bank properties or those of equal fire resisting construction, and the maximum line on one risk is \$5,000 and in any on-block, \$5,000. It has over 500 members. Tariff rates are used and savings are returned to members. The association maintains a reserve fund and limits its expenses to 25% of members' annual

premium deposits. Late in 1914 it extended its operations to cover its members against loss or damage by embezzlement, burglary, robbery, theft, messenger hold-up, disappearance and abduction, and the exchange is now issuing a blanket contract of indemnity covering all the above hazards in addition to loss by fire.

BONDED UNDERWRITERS OF AMERICA, Houston, Tex.

Attorneys and Managers, O. S. Cummings & Co.

This reciprocal underwriting exchange is understood to be in reality a mutual fire insurance company writing lines on all classes of risks, but no specializing as is generally the case with inter-insurance organizations. The compensation of its managers is understood to be 48% of the "Premium Deposit" of members.

This amount is for defraying ordinary expenses and not even limited to that percentage. In addition to this compensation the managers receive the interest that may accrue from the reserve fund. Letters requesting statements have been unanswered.

BREWERS RECIPROCAL EXCHANGE, Kansas City, Mo.

Attorney and Manager, Bruce Dodson. Established, 1900.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's	Expenses	Total Expenditures	Losses Incurred
1914	\$357,321		*\$352,321	\$613,407	\$624,680	\$158,646	\$267,212	.....†	\$425,858	\$158,646

*Includes unearned premiums. †Figures are net after deducting re-insurance and 25% fixed expense of administration.

ASSETS, DEC. 31, 1914: Cash, \$65,786; net deposits in course of collection, \$6,214; guarantee fund, \$158,500; bonds, \$136,821, total, \$267,321.

BONDS OWNED:		Par Value.
U. S. Gov.....		\$10,000
City of N. Y.....		14,600
Philadelphia.....		5,000
Chicago.....		15,000
Milwaukee.....		10,000
Boston.....		5,000
St. Louis.....		5,000
Minneapolis.....		4,831
St. Paul.....		10,000
Omaha.....		5,000
Salt Lake.....		4,812

BONDS OWNED.—Cont.		Par Value.
Waterbury.....		\$4,777
Kansas City, Mo., so.....		18,800
Kansas City, Mo., judgement.....		10,000
Harris Co., Tex.....		5,000
Bexar Co., Tex.....		6,000
Commerce Bldg.....		3,000
Total.....		\$136,821

MISCELLANEOUS: This is an inter-insurance association which writes only brewers' risks and is operated as a department of the Reciprocal Exchange of Kansas City, which sec.

CANNERS EXCHANGE, Chicago, Ill.

Attorney and Manager, Lansing B. Warner, Inc., 104 South Michigan Ave. Organized, 1908.

This is an inter-insurance organization which commenced business January 1, 1908. The advisory committee is made up as follows: Frank Van Camp, chairman, Indianapolis; George G. Bailey, Rome, N. Y.; Geo. N. Numan, Baltimore, Md.; Wm. R. Ronch, Hart, Mich.; L. A. Sears, Chillicothe, O.; Lansing B. Warner, Secretary.

A reserve fund is established by the deposit of \$10, with \$2 additional for each \$1,000 insurance carried by each subscriber, and

the fund is increased by 20% of the savings credited to each member until they amount to five times the original deposit, this sum being credited to the individual subscriber and returnable on its withdrawal. Expenses are limited to 20% of premiums. It insures only the property of canners and similar and allied interests, and of preserve and pickle packers. For the year 1914 it shows a highly creditable financial report.

CENTRAL STATES INTER-INSURANCE EXCHANGE, St. Louis, Mo.

J. C. Bardwell, Attorney and Manager. W. E. Robertson and Joseph M. Arndt, Deputies.

This organization commenced business in May, 1913. Lines are confined exclusively to the better class of mercantile risks, and all risks amounting to over \$2,000 are reinsured in substantial stock and mutual companies. The company's statement as of Dec. 31, 1914, shows it to be in a sound financial condition, with no unpaid losses.

COAL OPERATORS EXCHANGE, Kansas City, Mo.

Attorneys: Masten Lonergan & Co.

This exchange commenced operations December 1, 1912.

COMMERCIAL UNDERWRITERS EXCHANGE, Portland, Oreg.

Guy L. Wallace & Co., Managers.

It was reported that the above-named inter-insurance organization was regularly licensed by the Oregon Insurance Department.

It writes lines on retail stocks, limiting its risks to \$2,000 on a single line and \$5,000 in any one block.

COMMERCIAL FIRE UNDERWRITERS, Waco, Texas.

Attorney and Manager, R. Lee Richardson. Organized 1914.

Late in 1914 this association was licensed by the Texas Department of Insurance and Banking to transact a fire business on the

inter-insurance or reciprocal plan. As yet no financial statement has been obtainable.

CO-OPERATING INTER-INSURERS, Chicago, Ill.

Manager, Augustus Ross.

During 1914 this association procured a license from the Illinois Insurance Department to transact a fire business on the reciprocal

plan. It is specializing on selected merchants' and manufacturers' risks.

COTTON SEED OIL MILLERS INSURANCE BUREAU, Dallas, Tex.

Attorney and Manager, I. Jalonick. Organized, 1905.

This bureau is purely an inter-insurers' association, writing mill risks in Tex., Ark. and Okla. The organization does not make public any statement of its finances. The executive com-

mittee consists of J. W. Allison, Dallas, Tex.; J. S. LeClereq, Dallas, Tex., and J. A. Underwood, Honey Grove, Tex.

CRAFT OWNERS INDEMNITY EXCHANGE, Seattle, Wash.

President, G. W. McCauley; Secretary and Manager, J. I. Knight. Organized, 1907.

This organization conducts fire insurance on the mutual plan, collecting 45 per cent of the annual premium and the balance thereof subject to assessment as may be necessary for the pay-

ment of losses. It writes risks on gasoline launches, steamboats and sailboats, together with houseboats and bathhouses.

DISTILLERS & WAREHOUSEMEN'S RECIPROCAL, WACO, Tex.

This reciprocal was reported as being organized in 1913. No recent advices have been obtainable.

DRUGGISTS INDEMNITY EXCHANGE, St. Louis, Mo.

Attorney and Manager, H. W. Eddy, 506 Olive St. Organized, 1906.

This is an inter-insurance organization formed in 1906 and managed by H. W. Eddy. The advisory committee is made up as follows: Charles R. Judge, Theodore F. Hagenow, Edward M. Pirner, Andrew S. Ludwig, all of St. Louis. W. S. Elkin, Atlanta, Ga. While the attorney declines to supply statistics

for publication, he has furnished us with certain information which indicates that the association is at this time in a healthy condition and has paid all losses incurred up to date without a lawsuit. Mr. Eddy states that savings average 42% of tariff rates.

EQUITABLE RECIPROCAL EXCHANGE, Dallas, Tex.

This association was reported to have been organized in 1913 by E. L. Butts.

FACTORY INTER-INSURANCE ASSOCIATION, Kansas City, Mo.

Attorneys, Pratt & Nave, 614 Dwight Bldg. Organized, 1905.

This is an inter-insurance association organized in 1905. One of its attorneys, Wallace Pratt, was formerly attorney for the

Lumbermen Inter-Insurance Association of Kansas City. No financial statement for 1914 has been furnished, though requested.

FARMERS MUTUAL PROTECTIVE ASSOCIATION, Stratford, Texas.

Attorney, J. W. Lancaster. Organized, 1914.

During 1914 this association procured a license from the Texas Department of Insurance and Banking to transact a fire insur-

ance business on the reciprocal plan in Texas.

FARMERS UNDERWRITERS RECIPROCAL INDEMNITY EXCHANGE, Fort Worth, Tex.

Attorneys and Managers, Inter-Insurance Company.

This is an inter-insurance organization which began business in June, 1911. The business of the Exchange is managed by the Inter-Insurance Company, which is a corporation located in St. Louis, Mo. The plan of operation provides that in addition to the premium deposit, members are called upon to make a second deposit equal to 50% of the premium deposit, which is placed

to the credit of the policyholder in the surplus fund. This 50% is refunded when a subscriber ceases to be a policyholder. No additional liability is assumed. The manager's remuneration is 16% of the premiums collected. The Exchange appears to make a specialty of farm business. No 1914 statement furnished, though requested.

FOREST PRODUCTS INSURANCE EXCHANGE, New York City.

Attorneys and Managers, Willcox, Peck & Hughes.

This exchange was organized late in 1914, and it is understood to have commenced operations during November of that year. It proposes to confine its writing to lumber manufacturing risks, including the wholesale and retail lumber yards and woodworking concerns. The management expense is to be limited to 20% of all premium deposits of members. Each policyholder deposits

an annual premium with the attorney and also gives him full power of attorney to assess him proportionately for losses in excess of his deposit. No cash dividends are returned till the members' deposit is equal to twice the annual premium. The liability of subscribers on any one loss is restricted to an amount not exceeding their annual premium deposit.

GENERAL INDEMNITY EXCHANGE, St. Louis, Mo.

Attorney and Manager, Wallace C. Butler, Jr. Organized 1913.

ASSETS, DEC. 31, 1913: Cash, \$630; bills receivable, \$216; total assets, \$846. Liabilities: Unearned premia, \$529; other liabilities, \$264; total liabilities, \$793; surplus, \$53; total \$846. RISKS AND PREMIUMS: Fire risks in force December 31, \$99,600; premiums thereon, \$1,057.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,056; dividends declared, cash, \$211.

Business during 1913: Net premiums received, \$1,057; dividends returned to policyholders, \$211.

MISCELLANEOUS: This bureau transacts a fire and lighting business on approved sprinklered risks only. It is run on a very conservative basis, no member being liable for more than \$500 on any one risk.

ADVISORY COMMITTEE: Geo. K. Hobbs of the Commonwealth Steel Co.; L. B. Woodward of Woodward & Tiernan Printing Co. and E. F. Smith of Battle & Co., chemists, all of St. Louis.

GINNERS MUTUAL UNDERWRITERS ASS'N OF TEXAS, Tyler, Tex.

President, C. W. Pfleger. Secretary, Dabney White. Reorganized, 1908.

This association was formerly the Ginnery Underwriters Association, a mutual organization, chartered under Chap. 130, general laws of 25th Legislature of Texas. The present organization is chartered under the mutual law of Texas. Its letter heads are printed "Ginnery Mutual of Texas." Members deposited 3 1/2% of amount of insurance carried; portion not used to be placed to reserve fund.

During the year ending December 31, 1914, it collected premiums of \$62,707; total income, \$63,967; losses paid, \$34,221.

Business since organization: Premiums received, \$354,138; losses paid, \$196,775.

GINNERS INSURANCE EXCHANGE, Houston, Tex.

Manager, L. A. Murff.

This is an inter-insurance association operating under the co-partnership laws of Texas and writing insurance on cotton gins only. Premiums are collected in advance at a rate about 1

per cent less than the stock company rate and the risks are insured with old line companies.

GINNERS RECIPROCAL UNDERWRITERS, St. Louis, Mo.

Samuel I. Paradise, with offices in the Leggett building, St. Louis, Mo., organized this association. He is also attorney and

manager of other similar concerns, and is believed to be at present located in Texas. No 1914 statement has been obtainable.

GLOBE FIRE UNDERWRITERS, St. Louis, Mo.

Attorney and Manager, S. I. Paradise.

This is an inter-insurance association which is reported to have commenced business. Mr. Paradise is manager of the Ginnery

Reciprocal Underwriters, St. Louis.

UNDERWRITERS AT GREAT WESTERN LLOYDS, New York.

Attorneys, Hall & Trowbridge, 123 William St. Organized, 1892.

Year	Assets	Unearned Premiums	Surplus as to P'y'h's	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$283,201	\$38,049	\$138,203	\$64,674	\$175,808	\$3,898	\$14,779	\$26,482	\$45,159	\$18,336
1913	265,771	38,816	224,693	62,543	174,355	51,167	14,637	28,007	91,801	46,762
1912	292,583	39,615	244,368	73,912	184,673	15,922	20,320	31,129	67,371	12,544
1911	291,127	38,627	239,920	74,518	184,844	4,206	16,932	30,892	52,030	11,887
1910	280,675	35,570	221,344	65,521	75,767	10,424	17,227	27,254	54,905	10,856

*Includes underwriters' deposits.

†Excluding subscribers' deposits.

‡Excludes sums paid to retiring subscribers.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks...	\$250,210	Losses unpaid.....	\$15,599
Cash.....	22,045	Unearned premiums.....	38,049
Uncoll. prem's.....	8,235	Other liabilities.....	1,350
Interest and rents.....	2,711		
		Total liabilities.....	\$54,998
		Undrs' deposits.....	90,000
		Net surplus.....	139,203
Total assets.....	\$283,201	Total.....	\$283,201

RISKS AND PREMIUMS: Fire risks in force, December 31, \$16,248,803; premiums thereon, \$74,539.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,668,847; losses paid, \$650,675; dividends declared, \$202,484.

BONDS OWNED:	Par Value.	Market Value.
New York Cy., 1964, 3 1/2%.....	\$50,000	\$44,000
New York Cy., 1967, 4 1/2%.....	60,000	64,200
B. & O., 1925, 3 1/2%.....	16,000	14,720
Chi. & E. IL, 1937, 5%.....	20,000	18,000
C. Mil. & P. Bd., 1949, 4%.....	10,000	9,300
Can. Ind., St. L. & Chi., 1938, 4%.....	9,000	8,190
D. & H. Co., 1942, 4%.....	20,000	19,600
N. Y. Lacka. & W., 1923, 5%.....	11,000	11,550
N. Y. & No., 1927, 5%.....	10,000	10,400
Int. & Gt. No., 1914, 5%.....	25,000	20,000
C. R. L. & P., 1938, 4%.....	20,000	17,800
N. Am. Gas, 1948, 5%.....	15,000	15,450
Totals (book value, \$267,477).....	\$266,000	\$250,210

MISCELLANEOUS: Formed as the International Lloyd, present title adopted March 28, 1894. It insures only sprinklered risks. Each subscriber assumes a liability of \$10,000.

UNDERWRITERS:	Liability Assumed.
David S. Walton, of D. S. Walton & Co., N. Y.....	\$10,000
Felix Fuld, of L. Bamberger & Co., Newark, N. J.....	10,000
John N. Beach, pres. Lords Court Bldg. Co., N. Y.....	10,000
Edward E. Hall, of E. E. Hall & Co., N. Y.....	10,000
Chas. C. Ballantyne, vice-pres. The Sherwin-Williams Co. of Canada, Ltd., Montreal, P. Q.....	10,000

UNDERWRITERS.—Cont.

Harry J. O'Brien, Insurance, Chicago, Ill.....	Assumed.	\$10,000
Albro J. Newton, pres. Albro J. Newton Co., Brooklyn, N. Y.....		10,000
T. Howe Childs, 2d vice-pres. Colonial Steel Co., Pittsburgh, Pa.....		10,000
John D. Larkin, pres. Larkin Co., Buffalo, N. Y.....		10,000
Henry A. Sherwin, pres. The Sherwin-Williams Co., Cleveland, O.....		10,000
Eugene S. Pike, capitalist, Chicago, Ill.....		10,000
Chas. R. Myer, of Sutphen & Myer, N. Y.....		10,000
John S. Sutphen, of Sutphen & Myer, N. Y.....		10,000
Chas. F. Miller, pres. Hamilton Watch Co., Lancaster, Pa.....		10,000
Eugene V. Connett, Jr., of E. V. Connett & Co., N. Y.....		10,000
Geo. V. Cos, of Johnson & Higgins, N. Y.....		10,000
Chas. D. Rood, pres. American Telephone Co., Springfield, Mass.....		10,000
Thomas Dimond, N. Y.....		10,000
William T. Evans, of Mills & Gibb, Inc., N. Y.....		10,000
Leo H. Wise, of Wise Bros., Baltimore and N. Y.....		10,000
Chas. J. Follmer, of Follmer, Clogg & Co., Inc., N. Y.....		10,000
L. Luffin Kellogg, of Kellogg & Rose, N. Y.....		10,000
Harvey Childs, Jr., of H. Childs & Co., Pittsburgh, Pa.....		10,000
August Heckscher, director N. J. Zinc Co., N. Y.....		10,000
Jacob Amos, Syracuse, N. Y.....		10,000
Sereno P. Fenn, sec. and treas. the Sherwin-Williams Co., Cleveland, O.....		10,000
Albert H. Childs, Pittsburgh, Pa.....		10,000
Henry G. Gennert, of Gennert & Gennert, N. Y.....		10,000
Samuel Sloan, vice-pres. Farmers Loan & Tr. Co., N. Y.....		10,000
Edgar Palmer, of N. J. Zinc Co., N. Y.....		10,000
Andrew M. Cooper, vice-pres. Howland Dry Goods Co., Bridgeport, Conn.....		10,000
Edwin A. Richard, of H. A. Caesar & Co., N. Y.....		10,000
Henry McC. Bangs, N. Y.....		10,000
G. W. Mandrill, Gloversville, N. Y.....		10,000
H. A. Caesar, 50 Union Square, N. Y.....		10,000
Charles Eddy, sec. Amer. Litho. Co., N. Y.....		10,000
Charles W. Cox of Robert Winthrop & Co., N. Y.....		10,000
C. E. Chappell, Pres. Bacon Chappell Co., Syracuse, N. Y.....		10,000
John G. Howland, Pres. Howland Dry Goods Co., Bridgeport, Conn.....		10,000
Gilman N. Perkins, of Smith Perkins & Co., Rochester, N. Y.....		10,000

INSURANCE EXCHANGE OF MEMBERS OF NATIONAL RETAIL DRY GOODS ASSOCIATION, Chicago, Ill.

Manager, M. W. Belcher, Inc., 29 South La Salle St.

The Insurance Exchange of the National Retail Dry Goods Association is operating under the reciprocal plan with 15 per cent allowance on expenses. Underwriting is confined to members of the National Retail Dry Goods Association, whose financial rating is \$50,000 or above, with high grade credit and whose risks meet the physical requirements. Only one risk is written to a block and only five to any one city.

The Exchange is under the management of M. W. Belcher, Inc., of which concern M. W. Belcher is President. Mr. Belcher was formerly associated with M. J. Dorsey of this city, who has been successful in operating a number of inter-insurance organizations.

INDIVIDUAL UNDERWRITERS, New York.

Attorney, Alfred G. Evans; Deputy Attorney, E. B. Swinney, 90 West St. Established, 1881.

YEAR	Assets	Unearned Premiums	Surplus as to P'y'rs	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$799,278	\$128,480	\$133,931	\$292,504	\$314,212	\$1,012	\$263,454	\$39,722	*\$308,188	\$1,217
1913	791,033	144,180	134,202	294,084	317,076	2,385	63,608	41,369	*107,362	1,685
1912	597,929	151,773	116,842	333,999	256,307	281,181	228,575	53,495	*563,231	281,881
1911	803,963	161,372	442,402	358,419	333,328	131,766	230,194	64,086	*426,046	75,597
1910	843,681	163,984	439,335	354,206	381,043	10,466	309,301	66,235	385,001	66,634

* Excluding deposits of underwriters.

* Excluding payments to retiring subscribers.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
NY Capital \$300,000	\$277,120	Losses unpaid	\$498
Cash	516,969	Unearned prem.	138,480
Prem. uncoll.	3,689	Dividends	236,869
Interest	1,500	Other liabilities	5,000
		Total liabilities	\$380,847
		Undr. deposits	284,500
		Net surplus	133,931
Total assets	\$799,278	Total	\$799,278

RISKS AND PREMIUMS: Fire risks in force, December 31, \$40,800,825; premiums thereon, \$276,969.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,572,771; losses paid, \$3,843,418; dividends declared, \$3,266,244.

MISCELLANEOUS: The foregoing statement is a summary of 286 private accounts of subscribers, who reciprocate fire insurance indemnity in the office of the attorney. (Transacts only

inter-insurance between members.) Conflagration losses: Baltimore, 1904, \$441,000; San Francisco, 1906, \$209,500. Members underwrite the risks of other members to the extent of \$500, \$1,000, \$1,500 or \$2,000 each, according to their own requirements as policyholders, each member in a particular class insuring each other member of that class an equal amount, also each member of the other three classes, but not exceeding the limit of his own or their class. Each member deposits the amount which he will assume on a single risk, thus constituting an emergency fund, upon which 6% interest is allowed. After the accumulation of an amount equal to his emergency fund deposit, a subscriber is entitled to receive dividends from surplus earnings. Members may withdraw on one day's notice, and their outstanding risks will be assumed by the remaining underwriters. The liability assumed by a subscriber in a city block is no greater than he assumes on a single risk, and each member's conflagration liability is limited to ten times his deposit.

ADVISORY COMMITTEE AND TRUSTEES: William T. Evans, Frank R. Chambers, George H. Sargent, Thomas M. McCarthy, W. D. Williams, Thomas W. Ross, Stanley T. Cossens.

INTER-INSURANCE EXCHANGE OF THE AUTOMOBILE CLUB of Southern California, Los Angeles, Cal.

President, Fred L. Baker; Secretary, Standish L. Mitchell. Organized, 1912.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$90,353	\$69,962	\$20,391	\$120,571	\$122,232	\$54,023	\$40,692	\$90,705	\$155,420	\$54,022

ASSETS, DEC. 31, 1914: Cash, \$96,511; premiums receivable, \$12,442; reins. paid, \$4,400; rents paid in advance, \$6,000; total assets, \$90,353. **LIABILITIES:** Unearned prem., \$69,962.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,009,299; premiums thereon, \$139,924.

BUSINESS SINCE ORGANIZATION: Premiums received, \$309,363; losses paid, \$90,316; dividends declared, cash, \$56,113.

BOARD OF GOVERNORS: Fred L. Baker, W. L. Valentine, H. G. Miller, A. C. Balch, H. W. Keller, A. M. Goodhue, E. G. Kuster, E. T. Off, Harry Chandler, Fred W. Jackson, P. H. Rice, W. S. Benchley, Mont. P. Chubb, Frank A. Miller, W. E. Drury, J. V. Weachtel; manager, Ralph Reynolds.

INTER-INSURERS OF AMERICA, Washington, D. C.

President, Hon. Edward C. Stokes; Secretary, James V. Linner.

Attorney, James R. Skinner; Deputy Attorney, Thomas Dunlop. Offices, Evans Building, Washington. Organized, 1903.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'rs	Expenses	Total Expenditures	Losses Incurred
1914	*\$130,108	.....	*\$128,835	\$9,866	\$22,529	\$4,324	.....	\$5,384	\$9,888	\$4,324
1913	*124,741	.....	*123,713	21,737	34,063	1,378	7,434	2,590	11,402	1,378

*Includes guarantee fund.

ASSETS, DEC. 31, 1914: Guarantee fund, \$112,500; cash, \$14,175; bills collectable, \$1,948; other assets, \$1,485; total assets, \$130,108. **LIABILITIES:** total liabilities, \$1,273.

MISCELLANEOUS: This is an inter-insurance association, and it has over 150 members insuring each other for limited amount with a maximum liability of \$500 each. The associa-

tion takes as members only those in good financial standing, and whose plants are considered excellent fire risks. It writes lines ranging from \$10,000 to \$25,000, depending upon the character and standing of plant to be insured.

TRUSTEES: Hon. Edward C. Stokes, Wm. M. Pratt, Henry Hudson.

INTER-INSURERS EXCHANGE, Chicago, Ill.

Attorney and Manager, H. J. Straight, 72 W. Adams St., Chicago, Ill. Organised, 1904.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$77,817	\$16,943	\$60,874	\$32,250	\$34,326	\$1,893	\$1,574	\$8,948	\$12,415	\$1,893
1913	54,270	15,709	38,561	30,320	32,074	4,264	3,982	8,025	16,271	4,264
1912	34,367	10,015	24,352	20,589	21,526	12,662	517	4,268	17,447	12,662

ASSETS, DEC. 31, 1914: Bonds and stocks, \$51,915; collateral loans, \$10,000; cash, \$12,719; other assets, \$3,183; total assets, \$77,817. Liabilities: Unearned prems., \$16,943.

Fire risks in force, December 31, \$8,035,500.

BUSINESS SINCE ORGANIZATION: Premiums received, \$130,008; losses paid, \$20,147; dividends declared, cash, \$3,410.

This is an inter-insurance organization which began business in December, 1904. Its attorney and manager also operates the Underwriters Exchange; Levi B. Bane is deputy attorney and E. F. Rardon, chief inspector. It writes only sprinklered risks and the policies are guaranteed by responsible and reputable members of business houses. It has 141 subscribers.

INTER-STATE UNDERWRITERS, Dallas, Tex.

Attorney and Manager, R. L. Dainwood.

This is an inter-insurance organization which began business in February, 1911, and writes mercantile risks with a maximum line of \$5,000 on any one block. Members pay the board rate and deposit a sum equal to 50% of the premiums in addition,

which goes to create a reserve fund. The manager's remuneration is 15% of the premium deposit, and the affairs of the association are in the hands of an advisory committee consisting of three members.

ISTHMUS LLOYDS OF THE CITY OF NEW YORK, N. Y.

Attorneys, Wilcox, Peck & Hughes, 3 So. William st., New York. Organised, 1886.

ASSETS, DEC. 31, 1914: Cash, \$27; total assets, \$27. Liabilities: Unearned prems., \$1.

RISKS AND PREMIUMS: Fire risks in force December 31, \$500; premiums thereon, \$1.

BUSINESS SINCE REORGANIZATION: Premiums received, \$24.

UNDERWRITERS: C. D. Franks, J. C. Hughes, P. S. Mallett, R. T. Marshall, C. E. Peck, W. A. Prime, Chas. Sayles, H. N. Townsend, W. G. Wilcox, C. F. Wreaks.

LAUNDERERS RECIPROCAL EXCHANGE, Kansas City, Mo.

Attorney and Manager, Bruce Dodson, Sharp Building. Organised, 1911.

This is an inter-insurance association operated by Bruce Dodson as a separate department of the Reciprocal Exchange of Kansas City, Mo., which see.

This is an inter-insurance association operated by Bruce Dodson as a separate department of the Reciprocal Exchange of Kansas

City, Mo., which see. The above Exchange together with the Bakers and the Publishers are grouped in one class at the Reciprocal Exchange, and their combined statement is given under Publishers Reciprocal Exchange, Kansas City, Mo.

LLOYDS, New York.

Attorneys, Samuels, Cornwall & Stevens, New York.

YEAR	Assets	Unearned Premiums	Surplus as to Policyholders	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$229	\$124	\$105	\$239	\$229	.....	.....	\$23	\$23	.....
1913	13	1	12	2	2	.....	.....	.....	.....	.....
1912	12	2	10	6	6	.....	.....	1	1	1
1911	7	4	3	9	9	.....	.....	1	1	.....

ASSETS DEC. 31, 1914: Cash, \$221; agents' balances, \$8; total assets, \$229. Liabilities: Unearned prems., \$124; net surplus, \$105.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$137,500; premiums thereon, \$248.

MISCELLANEOUS: Formed as Firemen's Fire Lloyds, March 12, 1892, changed to Jefferson Fire Lloyds, October 19, 1895;

changed to Seaboard Fire Underwriters, December 22, 1902; changed to Old Colony Fire Office, April 5, 1905; present title assumed February 2, 1909. The charter was sold to Wilcox, Peck & Hughes in 1911 and in 1914 it passed under present control.

UNDERWRITERS: Levi Samuels, H. C. Cornwall, Geo. C. Stevens.

LONE STAR FIRE INSURANCE ASSOCIATION, Fort Worth, Tex.

Manager, J. H. Herndon.

The Texas Department of Insurance and Banking during 1914 issued a license to this association to transact a general fire business

on the inter-insurance plan. No statement has been obtainable, though requested.

LUMBER MANUFACTURERS INTER-INSURANCE ASSOCIATION, New York, N. Y.

Attorneys and Managers, Wilcox, Peck & Hughes, 3 So. William St., New York.

This organization was formed in May, 1908. The following are members of the advisory committee: G. F. Royce, chairman, secretary of the J. J. Newman Lumber Co., Scranton, Pa.; R. H. Knox, of the Hilton & Dodge Lumber Company, Savannah, Ga.; E. M. Carrier, of the Carrier Lumber & Manufacturing Co., Sardis, Miss.; A. T. Gerrans, of the John L. Roper Lumber Co., Newbern, N. C.; Fred H. Lewis, of the Bowie Lumber Co., New Orleans, La.; E. B. Walker, secretary, and R. T. Marshall, treasurer, both of

Wilcox, Peck & Hughes. The insurance firm of Wilcox, Peck & Hughes, with headquarters in New York, have power of attorney to carry on the affairs of the bureau. The association operates in all lumbering sections of the United States, and has about 250 subscribers, consisting, it is stated, of the largest and best class of plants in the country. The bureau has branch offices at 325-326 Bailey Bldg., Seattle, Wash., and 1007 Ibernia Bank Bldg., New Orleans, La.

LUMBERMENS FIRE INDEMNITY CONTRACT, Sandusky, O.

ASSETS, DEC. 31, 1913, \$30,042; unearned premiums, \$3,776; net surplus, \$22,910; net premiums during 1913, \$24,735; total income, \$25,927; losses paid, \$1,007; expenses, \$7,235; total expenditures, \$8,242; losses incurred, \$3,357.

BUSINESS SINCE ORGANIZATION: Premiums received, \$40,187; losses paid, \$1,007.

MISCELLANEOUS: When asked for a 1914 statement the management stated that they consider it of interest only to the subscribers.

EXECUTIVE COMMITTEE: John Jay McKelvey, New York; G. A. Mitchell, Buffalo; Guy White, North Tonawanda.

LUMBER UNDERWRITERS, New York.

Attorney, Eugene F. Perry, 66 Broadway. Organized, 1892.

YEAR	Assets	Unearned Premiums	Surplus as to P'yh's	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914 ¹	\$182,749	\$79,500	\$67,215	\$133,721	\$143,796	\$137,794	\$30,500	\$44,391	\$212,685	\$139,934
1913 ¹	263,376	120,374	103,019	230,837	251,541	194,932	12,750	66,111	273,793	180,088
1912 ¹	263,185	123,136	110,997	244,905	260,661	153,076	18,077	75,201	246,354	151,996
1911 ¹	253,534	118,830	107,452	227,708	232,977	114,267	23,400	75,098	212,765	111,538
1910 ¹	232,720	92,102	104,163	199,025	\$204,993	165,781	7,500	61,196	234,477	167,210

¹Excluding \$25,000 deposited by underwriters in 1908, and \$30,000 in 1910. ²Tennessee standard. ³Includes \$25,000 surplus paid in.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Cash, 34% reg. b.	\$9,500	Losses unpaid.....	\$22,057
Cash.....	106,984	Unearned prem.....	79,500
Agents' balances.....	49,442	Other liabilities.....	13,977
Interest and rents.....	175		
Other assets.....	16,748	Total liabilities....	\$115,534
		Surplus.....	67,215
Total assets.....	\$182,749	Total.....	\$182,749

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,742,571; premiums thereon, \$159,001.

MISCELLANEOUS: Formed as Underwriters at Mutual Lloyds, the word "Lumber" was prefixed July 9, 1900, and on December 31, 1906, the words "at Mutual Lloyds" were eliminated. As its name indicates, this association makes a specialty of lumber and woodworking risks. The chief parties in interest are identified with the National Wholesale Lumber Dealers' Association. There is deposited by underwriters \$100,000, of which \$37,500 is treated as capital and the balance as surplus. Each of the fifteen underwriters has deposited \$6,666, making a total of \$100,000, but owing to the strictness of the New York Insurance Law, which does not allow credit for reinsurance in unauthorized companies and does not permit any impairment,

however slight, of the deposits which are regarded as equivalent of capital, the Lumber Underwriters only reports as deposits (that is, the equivalent of capital) the sum of \$37,500, considering the remaining \$62,500 as surplus. In New York State, therefore, the Lumber Underwriters reports but \$37,500 as deposits of underwriters; whereas, according to the customs of other States, the deposits would be considered as \$100,000. The attorney, under the form of agreement, is permitted to call upon the underwriters for \$100,000 each additional in case of the \$100,000 deposit becoming impaired. In the event of sufficient impairment he is to call together the executive committee. The attorney advises us that the underwriters assume unlimited liability, that is, in the event of loss sufficient to take the \$100,000 and accumulated surplus in excess, each underwriter is liable to lose his entire fortune according to the policies upon which he may be an underwriter.

UNDERWRITERS: F. R. Babcock, Pittsburg; C. H. Carleton, Cleveland; G. F. Craig, Philadelphia; Lewis Dill, Baltimore; R. W. Higbie, 45 Broadway, N. Y.; W. A. Holt, Oconto, Wis.; W. C. Leadlaw, Toronto; H. S. Lee, Buffalo; R. C. Lippincott, Philadelphia; G. B. Montgomery, Buffalo; E. F. Perry, N. Y.; C. H. Prescott, Jr., Cleveland; F. C. Rice, Springfield, Mass.; H. F. Taylor, Buffalo.

TERRITORY COVERED: The company operates in Ga., Ill., Minn., N. Y., N. C., S. C., Tenn. and Wis.

LUMBERMANS EXCHANGE, Kansas City, Mo.

Attorney and Manager, J. W. Garvey. Organized, 1894.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$81,690	\$35,672	\$18,069	\$65,560	\$69,783	\$21,143	\$30,233	\$14,801	\$66,177	\$21,143
1913 [*]	82,153	36,289	17,894	81,483	85,138	29,866	35,717	20,091	85,674	29,866
1912	83,720	.....	50,183	52,139	54,341	11,673	26,009	12,493	60,175	11,673
1911	74,789	.....	148,780	51,027	53,245	19,036	30,757	9,848	59,638	19,036
1910	75,616	.....	146,610	53,628	55,937	12,223	23,868	9,746	45,836	12,223

^{*}Covering seventeen months from July 31, 1912, to Dec. 31, 1913. [†]Reserve and deposits. [‡]Statement dated July 31.

ASSETS, DEC. 31, 1914: Loans, \$51,957; cash, \$24,891; uncoll. prems., \$4,823; other assets, \$10; total assets, \$81,690. Liabilities: Unpaid dividends, \$27,949.

Fire risks in force, December 31, \$5,155,425.

BUSINESS SINCE ORGANIZATION: Premiums received, \$780,142; losses paid, \$261,874; dividends declared, cash, \$363,819.

MISCELLANEOUS: This organization now writes \$4,000 on detached yards, and smaller lines on exposed yards, except those exposed by long frame ranges and special hazards. It collects full board rates (minimum 1%). Each subscriber deposits \$1250; his account is then credited with his proportion of the

premiums written daily; when such credits amount to \$25, the \$25 is added to his deposit, and the \$37.50 is set aside to his account as his reserve fund. All amounts credited to his account thereafter are returned to him in dividends at each annual statement, less 20%, and his proportion of losses and expenses. The association seems to be carefully managed.

ADVISORY COMMITTEE: Benjamin B. Foster, pres. Foster Lumber Co., chairman; Paul J. Leidigh, pres. Leidigh-Havens Lumber Co., Louis L. Seibel, pres. Badger Lumber Co.; S. H. Fullerton, pres. Chicago Lumber & Coal Co.; R. J. Hurley, pres. R. J. Hurley Lumber Co.

LUMBERMENS INDEMNITY EXCHANGE, Seattle, Wash.

Manager and Attorney, James H. De Veuve; Deputy Managers and Attorneys, I. S. Watson and Earl de Veuve. Organized, 1903.

YEAR	Assets	Unearned Premiums	Surplus as to P'yh's	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$219,716	\$62,174	\$89,206	\$120,519	\$123,012	\$92,310	\$4,660	\$28,071	\$125,041	\$92,310
1913	201,346	59,461	93,401	127,237	129,452	92,142	9,129	32,675	133,946	123,567
1912	190,727	59,875	120,417	118,504	.....	104,037	4,234	32,183	138,454	104,037
1911	204,111	61,589	119,421	123,177	126,792	5,083	1,848	31,882	38,313	5,083
1910	114,862	36,534	70,188	92,084	96,431	84,451	3,203	23,948	11,502	84,451

LUMBERMENS INDEMNITY EXCHANGE, Seattle, Wash.—Continued.

ASSETS, DEC. 31, 1914.	LIABILITIES, DEC. 31, 1914.
Real estate..... \$30,016	Losses unpaid..... \$32,729
Wash. Iron Wks..... 19,390	Unearned prems..... 62,174
Cash..... 12,184	Other liabilities..... 35,505
Agents' balances..... 117,941	Total liabilities... 130,408
Interest and rents... 5,650	Surplus..... 89,308
Other assets..... 34,555	
Total assets..... \$219,716	Total..... \$219,716

Net amount of contingent assets, Dec. 31, \$13,139,781.

REAL ESTATE OWNED: The company owns property in Bellingham, Wash., valued at \$50,000.

MORTGAGE LOANS: There is 1 loan, for \$20,909, pro-

tested by property valued at \$85,000. There was \$5,882 of interest past due on December 31, last. Company holds \$30,000 of insurance on the buildings.

BORAD OF TRUSTEES: E. G. Griggs, president; E. J. Palmer, E. W. Hamber, Ira B. Bennett, J. E. Bloedel, Clark W. Thompson, F. H. Jackson, C. C. Bronson, treasurer; C. E. Patten, Edgar H. Bucklin, J. E. Bratnaber, Ralph H. Burnside, A. L. Paine.

MISCELLANEOUS: This is an inter-insurance association, comprised of lumber dealers rated at \$100,000 or more, who insure each other. Attorneys are insurance men of long experience and high standing and operate a general agency representing a number of standard stock companies.

The contingent liability of underwriters is stated to be \$13,139,780.

LUMBERMENS LLOYDS, Eau Claire, Wis.

Attorney and Manager, J. A. Smith. Organized, 1893.

This association was formed in September, 1893, and at date of latest obtainable report had 35 subscribers, each of whom was stated to have deposited \$5,000, and to have assumed \$7,500 additional liability. Its maximum fine was \$25,000. It trans-

acts only inter-insurance (between members), and declines to go into details as to its operations, which, however, are understood to have been very successful.

LUMBERMENS MUTUAL SOCIETY, Spokane, Wash.

President, F. E. Robbins; Secretary-Treasurer, A. L. Porter. Organized, 1904.

ASSETS, DEC. 31, 1914: Real estate, \$57,000; mortgage loans, \$27,500; bonds and stocks, \$16,934; cash, \$30,125; deposits due, \$3,001; interest and rents, \$2,103; assessments due, \$12,662; total, \$148,325; liabilities: Members deposits, \$108,762; surplus, \$39,563; net fire losses incurred, 1914, \$194,508; fire risks in force, \$6,131,500. Losses paid since organization, \$194,508.

MISCELLANEOUS: This is an inter-insurance association formed by the members of the Western Retail Lumbermen Association, Spokane, Wash. Its operations are confined to the retail

lumber yards in the ten western states between Canada and Mexico. The maximum liability on any one risk is \$10,000. Each member's liability is limited to the sum of 2 annual premiums. Annual premium deposits are made at board rates as guarantee of payment of assessments, which are levied semi-annually. These amount annually to 40% of the premium deposit. The affairs of the Society are in the hands of a managing board of nine, from which three are selected as an executive committee.

LUMBERMENS UNDERWRITERS, Houston, Tex.

E. D. Holt, Attorney-in-fact.

This designates an office where retail lumber dealers of Texas exchange indemnity with each other for a limited amount against loss by fire to their own lumber yards at actual cost. The plan was adopted at the 1900 meeting of the Lumbermen's Association of Texas and we are advised by the attorney that the arrangement is entirely satisfactory to its participants.

MANUFACTURERS ALLIANCE, Chicago, Ill.

Attorney and Manager, M. J. Dorsey, 206 La Salle St. Organized, 1905.

This is a department of The Indemnity Exchange, Chicago, Ill., reported upon elsewhere herein.

MANUFACTURERS & MERCHANTS REQUITABLE EXCHANGE, St. Louis, Mo.

Attorney and Manager, Wallace C. Butler, Jr.

No statement covering 1914 received when this page went to press.

ASSETS, DEC. 31, 1913: Cash, \$7,906; bills receivable, \$228; total assets, \$8,134. Liabilities: Unearned prems., \$2,632; other liabilities, \$700; total liabilities, \$3,341; surplus, \$4,793; total, \$8,134.

RISKS AND PREMIUMS: Fire risks in force December 31, \$1,763,500; premiums thereon, \$5,481.

BUSINESS SINCE ORGANIZATION: Premiums received, \$10,616; losses paid, \$4,063; dividends declared, cash, \$3,715.

BUSINESS DURING 1913: Net premiums received, \$5,372; total income, \$5,661; losses paid, \$4,021; dividends returned to policyholders, \$1,908; expenses, \$731; total expenditures, \$5,660; losses incurred, \$4,020.

This is an inter-insurance exchange organized in 1911 and managed by Wallace C. Butler, Jr., and an advisory committee composed of three members, viz., A. L. Shapleigh of Norwell-Shapleigh Hdwa. Co., M. E. Wallace of Sam'l Cupples Woodenware Co., and E. W. Stix of Rice-Stix Dry Goods Co., all of St. Louis. The exchange began business in September, 1911, and writes only risks equipped with automatic sprinklers. The liability of subscribers is limited to \$2,500 on any one risk and the manager's remuneration is 15% of all premiums received. This association absorbed the Western Inter-Insurers of St. Joseph, Mo., in 1912.

MANUFACTURERS LLOYDS, New York.

Attorneys, Jameson & Frelinghuysen, 111 William St. Organized, 1892.

YEAR	Assets	Unearned Premiums	Surplus as to P'yh's	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$731	\$3	\$28	—\$52	\$401	—\$177	\$13,504	\$39	\$13,366	.....
1913	12,653	3	112,614	—4,933	2,137	5,639	168,883	3,223	72,745	\$616
1912	87,873	9,004	777,872	16,509	20,691	26,819	5,750	8,770	41,339	26,761
1911	106,937	12,662	195,880	20,749	25,369	6,061	6,250	6,983	19,284	7,384
1910	104,224	12,700	*90,107	24,945	29,438	7,149	6,250	9,746	23,145	7,168

* Also additional liability of underwriters, \$250,000. † Also additional liability of underwriters, \$230,000. ‡ Dividends, \$5,750 distributed to underwriters, \$63,133. Excluding deposits of underwriters.

ASSETS, DEC. 31, 1914: Cash, \$728; agents' balances, \$3; total assets, \$731; Liabilities: Unearned prem., \$3; undr. deposits, \$700; net surplus, \$28.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$1,500; premiums thereon, \$5.

BUSINESS SINCE ORGANIZATION: Premiums received, \$3,799,002; losses paid, \$2,442,576; dividends declared, \$61,254.

MISCELLANEOUS: This association began business in 1892. Five years later, its risks were transferred to the new Insurance Company of the State of New York (which reinsured in the Manhattan Fire in 1899), after which it took over the risks of the United Cities Lloyds, which then retired. In 1913, this Lloyds reinsured practically all of its risks.

UNDERWRITERS:

	Liability Assumed.
Joseph S. Frelinghuysen, 111 William st., N. Y.....	\$10,000
E. C. Jameson, 111 William st., N. Y.....	10,000
B. N. Ertson, 64 Wall St., N. Y.....	10,000
G. F. Hutehings, 111 William St., N. Y.....	10,000
L. R. Bowden, 111 William St., N. Y.....	10,000
Lyman Candee, 111 William St., N. Y.....	10,000
C. V. Meserole, 111 William St., N. Y.....	10,000
	<u>\$70,000</u>

MANUFACTURING LUMBERMENS UNDERWRITERS, Kansas City, Mo.

Attorneys-in-Fact, Rankin-Benedict Underwriting Co., Lathrop Building.

This is an inter-insurance association which writes large lines upon the properties of its members. It has about 485 subscribers. No financial statement for 1914 has been furnished though requested.

MANUFACTURING WOODWORKERS UNDERWRITERS.

Attorney and Manager, Lee Blakemore, Chicago, Ill.

This is an inter-insurance organization insuring only wood-working risks. It was organized early in 1900 by Lee Blakemore, formerly connected with the Lumbermens Underwriting Alliance of Kansas City. The attorney is allowed 25% of premiums,

which is to cover all expenses except legal expenses, taxes and expense of adjustments. The plan provided for the creation of a reserve fund before any saving not exceeding 25% of premium deposits shall be returned to subscribers.

MERCHANTS AND BANKERS FIRE UNDERWRITERS, San Antonio, Tex.

Attorney and Manager, J. A. Baker.

ASSETS, DEC. 31, 1914.	LIABILITIES, DEC. 31, 1914.
Cash.....	Losses unpaid.....
Agents' balances....	Unearned prem.....
Bills receivable.....	Other liabilities.....
taken on risks.....	Surplus.....
Total.....	Total.....

MISCELLANEOUS: This bureau commenced business in 1911. It writes inter-insurance against fire, lightning, windstorm and tornado.

BUSINESS DURING 1914: Net premiums received, \$287,958; total income, \$290,908; losses paid, \$94,823; expenses, \$48,233; total expenditures, \$83,064; losses incurred, \$47,222.

MERCHANTS AND MANUFACTURERS INTER-INSURANCE ALLIANCE, Galveston, Tex.

Attorneys and Managers, I. H. Kempner, B. J. Cunningham.

MISCELLANEOUS: This is an inter-insurance association formed in 1910. James E. Quin is underwriting manager and there is an advisory committee composed of John Sealy, Galveston; J. H. W. Steele, Galveston; M. Leaker, Galveston; C. H. Moore, Galveston; J. S. Rice, Houston. Members deposit a full annual premium and an allowance of 30% to the attorneys covers all expenses except legal expenses, loss adjustments expenses and expenses of the advisory committee. The advisory committee may establish a reserve

of 50% of the net savings of members until same equal the amount of the last annual deposit of members, after which savings shall be returned annually in cash or applied on account of next annual deposit. The limit, in a city block or on one risk, is \$5,000 and subscribers deposit a sum equal to one full annual premium of the stock company rate. During 1914 the risks written aggregated \$2,412,980; premiums, \$43,693; savings, \$13,852. A dividend of 43% was declared.

THE MERCHANT UNDERWRITERS, Chicago, Ill.

Attorney and Manager, M. J. Dorsey, 234 So. La Salle St., Chicago, Ill.

This is a department of The Indemnity Exchange, Chicago, Ill., reported upon elsewhere herein.

MERCHANTS FIRE LLOYDS, New York.

Attorneys, C. D. Albrecht and Henry Griffen, 95 William St. Organised, 1888.

YEAR	Assets	Unearned Premiums	Surplus as to P'y'h's	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$69,739	\$44,667	a\$46,732	\$97,959	d\$99,352	\$95,836	.....	\$24,539	e\$120,375	\$135,489
1913	53,845	27,657	a8,553	51,874	652,418	6,746	1,411	17,637	c25,794	13,992
1912	14,720	341	209	680	b 720	.....	.....	.....	.....	.....
1911	1,004	16	a 202	-121	-15	.....	.....	38	38	.....
1910	1,328	36	736	2,111	3,073	5,565	\$68,600	804	74,969	5,165

* Also additional liability of underwriters, \$140,000. † Excluding \$13,300 original investment refunded. — Excess of reinsurance and returned premiums. a Excess of liabilities. b Excludes deposits of subscribers, \$14,000. c Excludes payments to retiring subscribers. d Excludes subscribers' contributions, \$37,000, and underwriters' deposits, \$3,000.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
So. Pac. Bonds.....	\$4,300	Losses unpaid.....	\$40,339
Cash.....	53,884	Unearned prems....	44,667
Agents' balances....	6,359	Other liabilities.....	3,105
Interest.....	166		
		Total liabilities....	\$88,111
		Undrs. deposits....	28,200
		Total.....	\$116,111
		Excess liab. & dep..	-46,372
Total assets.....	\$69,739	Total.....	\$69,739

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,140,180; premiums thereon, \$89,334.

BUSINESS SINCE ORGANIZATION: Premiums received, \$153,394; losses paid, \$95,150; dividends declared, \$1,480.

MISCELLANEOUS: Organized in 1888, this Lloyd's was for 11 years managed solely by Henry Griffen. In 1899, Jamieson & Frelinghuysen became joint attorneys with Mr. Griffen, and in 1912 the management was transferred to the present attorneys. No loss by San Francisco, 1906, conflagration. All underwriters are bound by the result of a suit against one underwriter.

UNDERWRITERS: Sulzberger & Sons Co., N. Y.; Wm. F. Hayward, N. Y.; A. J. Nutting & Co., Inc., N. Y.; Henry C. Knox, N. Y.; C. A. O'Donohue, N. Y.; E. P. Lindsay, N. Y.; B. L. Kennelly, N. Y.; M. J. Sulzberger, N. Y.; Henry Griffen, N. Y.; H. E. Gibb, N. Y.; E. H. Sayre, N. Y.; E. E. Hall, N. Y.; J. E. O'Donohue, N. Y.; H. B. Carhart, N. Y.; G. F. Sulzberger, Chicago. All have assumed a \$10,000 liability.

MERCHANTS INSURANCE ASSOCIATION OF TEXAS, Dallas, Tex.

R. T. Fuller & Co., Managers, P. O. Box 497, Dallas, Tex.

This is an inter-insurance exchange whose assets as of June 30, 1914, were \$80,260, of which \$56,909 is cash on hand in bank and bill receivable; reserve fund, \$39,042; surplus, \$21,218; average liability per policy, \$1,250; liability on adjusted losses, \$2,569; insurance in force, \$450,000.

MODEL INSURANCE ASSOCIATION, Paris, Tex.

B. I. Jordan is reported as having organized this exchange in 1913. Letters addressed to the company have been returned unopened.

MUTUAL INDEMNITY EXCHANGE, New Orleans, La.

Attorneys and Managers, L. W. Osborne Co. Ltd. Organised, 1912.

This exchange is reported to be writing principally upon dwellings, warehouses and mercantile buildings and stocks. \$2,500 is the maximum risk excepting on sprinklered risk where \$5,000 is the

limit. J. E. Warner, attorney for the Southern Lumber Underwriters, is president of the L. W. Osborne Co., Ltd.

NATIONAL AUTOMOBILE INSURANCE ASSOCIATION, Waco, Tex.

This organization is reported as having commenced business in 1913 with V. K. Besmonette as manager.

NATIONAL INTER-INSURANCE BUREAU, Kansas City, Mo.

Attorney and Manager, National Inter-Insurance Adjustment Co.; President, Clyde W. Miller; Vice-President, W. J. Miller; Secretary-Treasurer, Isaac W. Jones. Organised, 1907.

This is an inter-insurance organization furnishing indemnity to owners of hotels of brick, stone and fire-proof construction, druggists with stores in brick and stone buildings in protected

towns. Its attorney and manager is National Inter-Insurance Adjustment Co., with offices at the R. A. Long Bldg., Kansas City. This bureau has about 1,000 subscribers.

THE NATIONAL UNDERWRITERS OF AMERICA, New York.

Attorneys, Hall & Trowbridge; Secretary, R. L. Stewart, 123 William St. Organised, 1892.

YEAR	Assets	Unearned Premiums	Surplus as to P'y'h's	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$210,085	\$19,274	\$127,941	\$34,437	\$42,988	\$1,926	\$8,341	\$12,626	\$22,893	.....
1913	20 0,477	20,792	179,005	33,884	142,625	32,907	8,740	11,664	53,311	\$30,995
1912	208,219	22,507	182,500	40,109	148,475	15,085	8,366	13,895	*37,346	6,215
1911	216,407	21,841	181,783	42,403	150,313	21,891	8,322	14,708	44,916	22,068
1910	209,466	22,468	185,063	42,318	51,490	8,355	8,143	15,710	*22,308	8,482

* Excluding payments to retiring subscribers. † Excluding subscribers' deposits.

THE NATIONAL UNDERWRITERS OF AMERICA, New York.—Continued.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks....	\$187,040	Losses unpaid.....	\$10,170
Cash.....	15,613	Unearned premia.....	19,274
Agents' balances.....	5,186	Other liabilities.....	700
Interest.....	2,246		
		Total liabilities....	\$30,144
		Undrs. deposits.....	52,000
		Net surplus.....	127,941
Total assets.....	\$210,085	Total.....	\$210,085

Additional amount of members' liability, \$200,000.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$8,754,578; premiums thereon, \$38,824.

BUSINESS SINCE ORGANIZATION: Premiums received, \$345,986; losses paid, \$141,037; dividends declared, \$71,862.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Bonds.			
N. Y. Gas. El. Lt., Ht. & P., 1949, 4%..		\$5,000	\$4,350
Gre. Short Line, 1929, 4%.....		5,000	4,600
Chi. R. I. & Pac., 1908, 4%.....		10,000	8,900
Erie, Pa., col., 1861, 4%.....		10,000	9,000
Pa. Co., 1931, 4%.....		10,000	9,800
Atch. T. & S. Pa., 1906, 4%.....		10,000	9,600
Pa. R. R., 1915, 3 1/2%.....		10,000	10,000
So. Pac., 1905, 4%.....		15,000	13,800
Cent. Pac., 1949, 4%.....		25,000	23,500
Chi. Burl. & Quincy, 1921, 4%.....		25,000	24,250
New York Cy., 1909, 4%.....		50,000	50,000

STOCKS.		Par Value.	Market Value.
Consolidated Gas, N. Y.....		5,000	8,450
Washington Wat. Pow., Spokane.....		11,000	13,090

Totals (book value, \$186,950)..... \$191,000 \$187,040

MISCELLANEOUS: Formed as Equitable Fire Lloyds; present title assumed November 26, 1902. Hall & Trowbridge also manage the American Lloyds, the Great Western Lloyds,

Underwriters at New York & Boston Lloyds and the Union Underwriters. No loss by San Francisco, 1906, conflagration.

ADVISORY COMMITTEE: F. S. Bangs, Joseph E. Brown, Willis L. Ogden.

UNDERWRITERS:	Liability Assumed.
Joseph E. Brown, of Blake Bros. & Co., N. Y. and Boston.....	\$10,000
Francis S. Bangs, of Guthrie, Bangs & Van Sinderen, New York.....	10,000
Jacob D. Lit, of Lit Bros., Philadelphia, Pa.....	10,000
H. B. Sedgwick, of Sedgwick, Collins & Co., London, Eng.....	10,000
Harvey Childs, Jr., of H. Childs & Co., Pittsburg, Pa.....	10,000
John G. Stephenson, Jr., 2d vice-pres. Arbutnot-Stephenson Co., Pittsburg, Pa.....	10,000
William W. Lawrence, pres. National Lead Co., N. Y.....	10,000
Harry J. O'Brien, insurance, Chicago, Ill.....	10,000
Adolph Gospel, N. Y.....	10,000
William J. Stitt, of Jacob Adler & Co., N. Y.....	10,000
Charles H. Zehnder, pres. Austin Coal & Coke Co., New York.....	10,000
Charles Adler, of Jacob Adler & Co., N. Y.....	10,000
Hans Schmidt, of Schoellkopf & Co., Buffalo, N. Y.....	10,000
Willis L. Ogden, of W. L. Ogden & Co., N. Y.....	10,000
Spencer Kellogg, of Charles C. Kellogg & Sons Co., Utica, N. Y.....	10,000
August Heckscher, director, N. J. Zinc Co., N. Y.....	10,000
Martin Schrenkisen, capitalist, N. Y.....	10,000
Henry G. Gennert, of Gennert & Gennert, N. Y.....	10,000
Henry A. Sherwin, pres. The Sherwin-Williams Co., Cleveland, O.....	10,000
Edward E. Hall, of E. E. Hall & Co., N. Y.....	10,000
Wm. H. Andrews, pres. Pratt & Lambert, Inc., Buffalo, N. Y.....	10,000
C. C. Ballantyne, vice-pres. The Sherwin-Williams Co., Canada, Ltd.....	10,000
Darwin, D. Martin, of Larkin Co., Buffalo, N. Y.....	10,000
Edgar Palmer, pres. New Jersey Zinc Co., N. Y.....	10,000
William A. Higgins of Wm. A. Higgins & Co., N. Y.....	10,000

NATIONAL UNION FIRE INSURANCE EXCHANGE OF LIQUOR DEALERS, Kansas City, Mo.

Attorneys, D. J. Flintner & Co. Organized, 1913.

This is an inter-insurance exchange organized in July, 1913. It has a reinsurance contract with an old time fire company whereby that company assumes all liability taken by the National Dealers. All applications for insurance obligate the insured for an additional

premium equal to the one collected. All risks written at tariff rates. The attorneys advise us that when the members are sufficient to justify it they will assume their own liabilities. No statement for 1914 has been obtainable, though requested.

UNDERWRITERS AT NEW YORK AND BOSTON LLOYDS, New York.

Attorney, E. E. Hall and C. A. Trowbridge, 123 William Street, New York. Organized, 1892.

YEAR	Assets	Unearned Premiums	Surplus as to P'yh's	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$126,287	\$25,322	\$42,815	\$49,652	\$353,569	\$5,021	\$4,372	\$16,786	\$26,179	\$9,988
1913	109,300	24,583	\$33,875	37,980	142,328	30,427	2,980	17,554	50,961	28,726
1912	118,772	21,554	\$37,536	43,781	146,511	5,289	2,283	17,476	\$25,048	6,728
1911	100,100	20,335	\$72,966	47,306	149,422	2,534	1,460	16,911	20,905	2,372
1910	67,415	12,583	\$53,949	26,862	28,021	3,105		7,802	10,907	3,241

* Also additional liability of underwriters, \$160,000.

‡ Excluding deposits of underwriters.

§ Excludes payments to retiring subscribers.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds and stocks....	\$73,750	Losses unpaid.....	\$5,150
Cash.....	43,630	Unearned premia.....	25,322
Uncoll. premia.....	8,211	Other liabilities.....	1,000
Interest.....	696		
		Total liabilities....	\$31,472
		Undrs. deposits.....	42,000
		Net surplus.....	42,815
Total assets.....	\$126,287	Total.....	\$126,287

RISKS AND PREMIUMS: Fire risks in force, December 31, \$8,175,806; premiums thereon, \$48,544.

BUSINESS SINCE ORGANIZATION: Premiums received, \$209,581; losses paid, \$45,977; dividends declared, \$11,095.

UNDERWRITERS AT NEW YORK AND BOSTON LLOYDS, New York.—*Cont.*

BONDS OWNED:	Par Value.	Market Value.
Int. & Gt. No., 1914, 5%.....	\$25,000	\$20,000
N. Y. Cy., 1902, 4½%.....	25,000	25,750
N. Y. State Ry., 1902, 4½%.....	10,000	8,900
D. & H., 1943, 4%.....	10,000	9,800
West Shore, 2361, 4%.....	10,000	9,300
Totals (book value, \$73,837).....	\$80,000	\$73,750

MISCELLANEOUS: This association operated actively from April, 1892, until 1897, when it reinsured its risks in the Northern Insurance Co. of New York. The management of the association was transferred to Hall & Trowbridge in January, 1910, who conduct its affairs along lines similar to those of other Lloyds in their office. Confagration losses: Baltimore, 1904, \$10,000; San Francisco, 1906, estimated at \$1,000.

UNDERWRITERS:	Liability Assumed.
David S. Walton.....	\$10,000
Chas. J. Follmer.....	10,000
Leo H. Wise, Baltimore and New York.....	10,000
John S. Sutphen, New York.....	10,000
Edward E. Hall, New York.....	10,000
Wm. W. Lawrence, N. Y.....	10,000

UNDERWRITERS.— <i>Cont.</i>	Liability Assumed.
Eugene V. Connett, Jr., New York.....	\$10,000
Francis S. Bangs, New York.....	10,000
E. S. Powell, Jr., New York.....	10,000
H. A. Caesar, New York.....	10,000
Edgar Palmer, New York.....	10,000
Saml. Sloan, New York.....	10,000
L. N. Littauer, New York.....	10,000
Chas. R. Myer, New York.....	10,000
Wm. J. Stitt, New York.....	10,000
Harry J. O'Brien, Chicago.....	10,000
Harvey Childs, Jr., Pittsburg.....	10,000
Chas. F. Miller, Lancaster, Pa.....	10,000
Chas. Eddy, New York.....	10,000
Edwin A. Richard, New York.....	10,000
Chas. Adler, New York.....	10,000
Thomas Dimond, New York.....	10,000
Wm. H. Andrews, Buffalo, N. Y.....	10,000
Chas. L. Conklin, N. Y.....	10,000
Frank J. Heaney, N. Y.....	10,000
Totals.....	\$250,000

ADVISORY COMMITTEE: Thomas Dimond, Chas. J. Follmer, John D. Sutphen, David S. Walton and Leo H. Wise.

NEW YORK FIRE AND MARINE UNDERWRITERS, New York.

Attorneys, Wilcox, Peck & Hughes, 3 So. William St., New York. Organised, 1892.

YEAR	Assets	Unearned Premiums	Surplus as to P'y'h's	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$289,657	\$73,135	\$133,645	\$86,704	\$96,596	\$92,954	\$81,963	\$38,929	\$133,845	\$92,113
1913	325,276	66,099	143,817	184,290	1175,779	149,622	.....	44,648	194,270	148,193
1912	346,940	75,917	154,869	232,518	240,147	72,414	.....	49,752	123,166	123,176
1911	235,104	58,026	152,075	64,509	1204,936	2,997	.....	16,517	19,514	14,442

† Includes \$140,000 contributed by underwriters. ‡ Excludes subscribers' deposits. § To policyholders.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks....	\$223,400	Losses unpaid.....	\$58,831
Cash.....	18,693	Unearned prems.....	\$73,135
Agents' balances....	43,270	Other liabilities.....	24,046
Interest.....	2,794		
Other assets.....	1,500	Total liabilities....	\$156,012
		Surplus.....	133,645
Total assets.....	\$289,657	Total.....	\$289,657

RISKS AND PREMIUMS: Fire risks in force, December 31, \$11,770,961; premiums thereon, \$102,419; marine and inland risks in force, \$1,185,853; premiums thereon, \$40,080.

BUSINESS SINCE REORGANIZATION: Premiums received, \$852,404; losses paid, \$432,612.

BONDS OWNED:	Par Value.	Market Value.
N. Y. C., 1916, 4%.....	\$20,000	\$20,000
N. Y. C., 1917, 6%.....	5,000	5,200
B. & O., 1918, 4½%.....	5,000	5,000
B. & O., 1919, 4½%.....	5,000	5,000
Del. & Hud., 1916, 4%.....	25,000	24,750
Gt. No. No. Pac., 1921, 4%.....	25,000	24,250
Int. Gt. No., 1914, 5%.....	10,000	8,000
Kan. Mich., 1927, 5%.....	10,000	9,900
Mich. Cent., 1929, 4%.....	10,000	8,400
N. Y. Cent., 1915, 5%.....	25,000	25,000
Pa. R.R., 1915, 3½%.....	25,000	25,000
So. Ry., 1904, 5%.....	10,000	10,500

BONDS OWNED.— <i>Cont.</i>	Par Value.	Market Value.
Am. Tl. & Tg., 1929, 4%.....	\$25,000	\$22,250
Clev., El. Illum., 1939, 5%.....	10,000	10,200
Deare & Co., 1915, 5%.....	5,000	5,000
Deare & Co., 1916, 5%.....	5,000	4,950
Totals (book value, \$217,134).....	\$230,000	\$213,400

* Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Organised as Commercial Lloyds; name changed to New York Commercial Underwriters, May 10, 1904; present title assumed 1911. Transacted general business from 1892 to 1896, when it reinsured in the Philadelphia Mutual Fire. It resumed business, but ceased active operations in 1900. In 1908, Henry Stewart & Son, average adjusters (founded 1860; inc. 1908), were appointed attorneys for the underwriters, but on December 31, 1910, it reinsured all outstanding risks, starting in 1911 with Wilcox, Peck & Hughes as attorneys, under the title of New York Fire and Marine Underwriters. It writes fire and marine insurance.

UNDERWRITERS: Chas. D. Franks, Joseph C. Hughes, Ernest P. Lenihan, Percy S. Mallett, Raymond T. Marshall, Ernest W. Congdon, Chas. E. Peck, Wm. A. Prime, Chas. Sayles, H. N. Townsend, Robt. L. Van Arsdale, Wm. G. Wilcox, Chas. F. Wrecks. Liability unlimited and joint and several.

TERRITORY COVERED: The underwriters are licensed in Ill. and N. Y.

NEW YORK FIRE LLOYDS, New York.

Attorneys, A. E. Cortis; J. W. Patterson; Deputy Attorney, Geo. J. Scott, 2 Rector St., New York. Organised, 1892.

MISCELLANEOUS: This Lloyds is not now transacting active business.

UNDERWRITERS: H. W. Douty, 30 Broad st., N. Y.; I. J. Merritt, Jr., 40 Wall st., N. Y.; W. J. Howey, 248 W. 24th

st., N. Y.; Horace E. Fox, 105 W. 62nd st., N. Y.; Geo. Holmes, 30 Broad st., N. Y.; Geo. Reuter, Jr., St. Andrews Hotel, N. Y.; A. R. Baird, Brooklyn, J. W. Patterson, 2 Rector st., N. Y.

NEW YORK RECIPROCAL UNDERWRITERS, New York.

Attorneys, Alfred G. Evans and E. B. Swinney, 90 West St. Established, 1891.

Year	Assets	Unearned Premiums	Surplus as to P'yhrs	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,950,665	\$376,759	\$1,376,849	\$567,759	\$632,324	\$139,803	\$428,592	\$103,586	\$669,981	\$138,447
1913	1,894,119	272,892	1,368,019	582,337	635,434	37,093	379,106	107,821	524,020	36,893
1912	1,574,919	264,062	1,292,164	598,145	648,080	14,051	348,736	109,697	472,484	14,351
1911	1,701,284	259,269	1,142,445	802,115	847,870	23,679	322,038	108,785	452,812	23,291
1910	1,780,126	258,961	1,174,826	600,251	648,838	8,663	338,764	106,226	452,653	9,520

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds.....	\$546,644	Losses unpaid.....	\$35
Cash.....	1,866,720	Unearned premiums.....	276,759
Prms. uncoll.....	8,094	Dividends.....	292,022
Interest.....	9,027	Other liabilities.....	5,000

Total liabilities... \$573,816
Surplus..... 1,376,849

Total assets..... \$1,950,665 Total..... \$1,950,665

RISKS AND PREMIUMS: Fire risks in force, December 31, \$144,712,048; premiums thereon, \$553,517.

BUSINESS SINCE ORGANIZATION: Premiums received, \$6,941,778; losses paid, \$508,347; dividends declared, \$3,599,753.

BONDS OWNED:		Par Value.	Market Value.
Chinese Gov. Huk. Rys. g., 1921-51.5%.		\$25,000	\$22,093
N. Y. S. C. Imp., 1902, 4%.		100,000	101,875
N. Y. S. C. Tm., 1942, 4%.		25,000	25,312
N. Y. C. D., 1927, 3 1/2%.		20,000	18,700
N. Y. C. assoc., 1917, 4%.		50,000	49,750
N. Y. C., 1917, 4 1/2%.		25,000	25,375
N. Y. C. n. rev., 1915-16-17, 6%.		20,000	20,000
Balto., Md., n. sr. imp., 1961, 4%.		25,000	24,312
Newark, N. J., mkt. 1943, 4 1/2%.		25,000	26,500
Waterbury, Conn. C.H. Pol. Sta. & Fire Sta., 1926-27, 4 1/2%.		20,000	20,000

BONDS OWNED.—Cont.		Par Value.	Market Value.
A. C. L. L. & N. coltz., 1952, 4%.		\$20,000	\$20,000
C. B. & Q. R.R. Ill. Div., 1949, 4%.		20,000	19,075
Lab. V. R.R. g. m., 2003, 4%.		20,000	18,800
Nor. & W. R.R., 1 cm., 1906, 4%.		20,000	19,150
Ors. R.R. & Nav. co. g. m., 1946, 4%.		20,000	18,525
Pa. R.R. cv., 1918, 3 1/2%.		20,000	19,800
Pa. R.R., co. m., 1948, 4%.		15,000	15,000
St. L., I. M. & S. R. G. Div., 1933, 4%.		20,000	14,400
St. L., P. & Nwn. Ry., 1 m., g., 1948, 5%.		30,000	31,725
Un. Pac. R.R. 1, 1947, 4%.		40,000	38,950

Totals..... \$560,000 \$546,644

MISCELLANEOUS: The foregoing statement is a summary of about 495 private accounts of subscribers who reciprocate fire insurance indemnity in the office of the attorneys. (Transacts only inter-insurance between members.) Each member becomes liable to the extent of not exceeding \$2,000 for each risk. This amount is not paid in, but premiums are credited to his account until they amount to \$4,000, any excess being subject to withdrawal. Writes sprinklered business only. Limit of liability of each subscriber in a local conflagration is \$20,000; which, however, may be reinsured in excess of the first \$20,000.

ADVISORY COMMITTEE AND TRUSTEES: Arthur W. Watson, William T. Evans, James A. Swan, Robert M. Donaldson, Albert Plant, E. C. B. Featherstonhaugh, Samuel C. Prie.

NORTH AMERICAN INTER-INSURERS OF THE CITY OF NEW YORK, New York.

Attorneys, Benedict & Benedict, 35 Nassau St. Organised, 1892.

Year	Assets	Unearned Premiums	Surplus as to P'yhrs	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$388,684	\$34,237	\$353,941	\$68,777	\$83,263	\$1,370	\$49,872	\$15,173	\$66,415	\$1,341
1913	366,324	37,096	328,868	73,798	87,718	1,300	44,634	15,957	61,891	1,369
1912	346,637	35,947	310,182	69,466	82,650	38	58,182	14,966	73,215	.....
1911	341,824	33,571	307,025	67,334	79,827	583	42,264	14,380	57,767	614
1910	321,324	33,645	286,516	67,626	79,861	.....	53,792	14,530	68,322	44

* Excluding \$2,465 returned to member changing class.

† Excluding payment to withdrawing members.

Assets, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Bonds and stocks....	\$269,100	Unearned premiums.....	\$34,237
Cash.....	114,423	Other liabilities.....	516
Agents' balances.....	2,062		
Interest.....	3,069	Total liabilities.....	\$34,743
		Surplus.....	\$353,941

Total assets..... \$388,684 Total..... \$388,684

RISKS AND PREMIUMS: Fire risks in force, December 31, \$15,935,454; premiums thereon, \$68,454.

BUSINESS SINCE ORGANIZATION: Premiums received, \$671,649; losses paid, \$37,084; dividends declared, \$413,735.

BONDS OWNED:		Par Value.	Market Value.
N. Y. C., reg., 4%.		\$50,000	\$49,500
N. Y. C., reg., 4 1/2%.		50,000	53,500
Union Pac., 4%.		30,000	29,100
Central Pac., 4%.		25,000	23,500
N. Y. C. & H. R., 4%.		15,000	13,500
Gre. Short Line, 4%.		15,000	13,800
Chi. & E. & W., 4%.		15,000	14,100
Ill. Central, 4%.		10,000	9,000
San Domingo, 5%.		10,000	10,000
N. Y. Westchester Lt., 5%.		10,000	10,000
Interboro. Met., 4 1/2%.		10,000	7,700
N. Y. Ry., 5%.		7,000	3,780
U. S. Steel, op., 5%.		10,000	10,300
Central of Ga., 5%.		5,000	5,250
N. Y., Chi. & St. L., 4%.		5,000	4,750
So. Pac., 4%.		5,000	4,600
Indiana Co. Gas, 5%.		5,000	5,200
N. Y. Ry., 4%.		2,000	1,520

Totals (book value, \$270,315)..... \$279,000 \$269,100

MISCELLANEOUS: Formed as North American Lloyds: present title assumed April 15, 1896. This association transacts inter-insurance, and has been under the present management since 1901. Each member deposits a bond for twice the amount authorized to be written for him on a single risk, and this bond represents the extent of his liability.

UNDERWRITERS:		Liability Assumed.
Arnold, Constable & Co., 881 Broadway, N. Y.....		\$20,000
R. H. Macy & Co., 1317 Broadway, N. Y.....		20,000
Stern Bros., 37-45 W 42d st., N. Y.....		20,000
Abraham & Straus, 423 Fulton st., Brooklyn, N. Y.....		20,000
Woodward & Lothrop, 1007 F. st., Washington, D. C.....		20,000
B. Altman & Co., 357 Fifth ave., N. Y.....		20,000
R. H. White Co., Washington and Bedford sts., Boston, Mass.....		20,000
Strawbridge & Clothier, Market and Filbert sts., Philadelphia, Pa.....		20,000
Pittsburg Dry Goods Co., 933 Penn. ave., Pittsburg, Pa.....		20,000
Frederick Loewer & Co., Fulton and Bond sts., Brooklyn, N. Y.....		40,000
The John Shillito Co., Race and 7th sts., Cincinnati, O.....		20,000
C. F. Hovey & Co., 9 Chauncy st., Boston, Mass.....		20,000
John Wanamaker, Broadway and 9th st., N. Y.....		20,000
John Taylor Dry Goods Co., 1034 Main st., Kansas City, Mo.....		20,000
Lord & Taylor, Inc., 5th av. & 39th st., N. Y.....		20,000
Brooks Bros., 1832 Broadway, N. Y.....		20,000
American Lithographic Co., 4th ave. and E. 19th st., N. Y.....		20,000
Kaufmann Dept. Stores, 400 5th ave., Pittsburg, Pa.....		20,000
Sibley, Lindsay & Curr Co., 22 Clinton ave., N., Rochester, N. Y.....		20,000
Baleh, Price & Co., 14 Smith st., Brooklyn, N. Y.....		20,000
Gimbel Bros., Inc., 7 Grand ave., Milwaukee, Wis.....		10,000
L. Bamberger & Co., Newark, N. J.....		20,000

NORTH AMER. INTER-INSURERS OF THE CITY OF NEW YORK, New York.—Cont.

UNDERWRITERS.—Cont.		Liability Assumed.	UNDERWRITERS.—Cont.		Liability Assumed.
Leaher, Whitman & Co., 670 Broadway, N. Y.		\$10,000	Dives, Pomeroy & Stewart, 328 Market st., Harrisburg, Pa.		\$5,000
The H. & S. Pogue, 20 W. 4th st., Cincinnati, O.		10,000	Boggs & Buhl, Pittsburg, Pa.		5,000
Hamlin, Inc., 256 Main st., Buffalo, N. Y.		5,000	Mills & Gibb, Inc., 286 4th ave., N. Y.		10,000
H. C. F. Koch & Co., 132 W. 125th st., N. Y.		10,000	Hochschild, Kohn & Co., Baltimore, Md.		5,000
The May Department Stores Co., 509 Washington ave., St. Louis, Mo.		10,000	The Halle Bros. Co., 1224 Euclid ave., Cleveland		10,000
W. M. Whitney & Co., 43 N. Pearl st., Albany, N. Y.		10,000	Wheeler & Motter Mercantile Co., St. Joseph, Mo.		20,000
L. F. Dommerich & Co., 57 Greene st., N. Y.		20,000	Morse & Rogers, 21-31 Hudson st., N. Y.		5,000
Emery Bird Thayer Dry Goods Co., 1016 Grand ave., Kansas City, Mo.		5,000	Cooper, Coats & Casey Dry Goods Co., Los Angeles		20,000
L. S. Donaldson & Co., 601 Nicollet ave., Minneapolis, Minn.		5,000	Jas. McCreery & Co., N. Y.		20,000
Passavant & Co., 434 4th ave., N. Y.		20,000	Bloomington Bros., N. Y.		20,000
The Denver Dry Goods Co., 1501 California st., Denver, Colo.		5,000	Best & Co., N. Y.		10,000
Frederick Victor & Ahelie, 96 Spring st., N. Y.		5,000	Hunter, Tuppen Co., Syracuse, N. Y.		5,000
Weinstock, Lubin & Co., 400-13 K st., Sacramento, Cal.		5,000	R. H. Stearns & Co., Boston		5,000
S. Kann, Sons & Co., 706 Market Space, Washington, D. C.		5,000	Frank & Dugan, N. Y.		5,000
The Fair, Monroe & State sts., Chicago, Ill.		5,000	Fownes Bros. & Co., 413 W. 40th st., N. Y.		20,000
Jones, McDuffee & Stratton Co., 25 Franklin st., Boston, Mass.		5,000	McGibbon & Co., 1 & 3 W. 37th st., N. Y.		5,000
Browning, King & Co., 16 Cooper square, N. Y.		5,000	Fleitsmann & Co., 354 4th ave., N. Y.		10,000
L. Greif & Bro., Baltimore, Md.		5,000	N. Snellenberg & Co., Phila., Pa.		20,000
Wm. Iselin & Co., 343 4th ave., N. Y.		20,000	Hager & Bro., Lancaster, Pa.		5,000
			Total		\$815,000

TERRITORY COVERED: The company is licensed in Cal., Colo., D. C., Ill., Md., Mass., Minn., Mo., N. J., N. Y.

NORWEGIAN UNDERWRITERS, New York.

Attorneys, Wilcox, Peck & Hughes, 3 So. William st., New York. Organised, 1892.

YEAR	Assets	Unearned Premiums	Surplus as to P'yh's	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$351,136	\$71,042	\$129,714	\$179,285	\$183,008	\$24,456		\$31,950	\$56,406	\$61,063
1913	167	5	62	3	3			2	2	
1912	166	15	51	57	57			14	14	
1911	124	11	13	28	28			4	4	
1910	128	22	66	36	36			41		

‡ Cash. † Excludes \$118,446 of underwriters' donations.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
N. Y. C. bonds	\$123,000	Losses unpaid	\$36,751
Cash	83,918	Unearned prems	71,042
Agents' balances	41,867	Other liabilities	12,629
Interest	2,351		
		Total liabilities	\$121,422
		Surplus	129,714
Total assets	\$251,136	Total	\$251,136

Members' liability unlimited.

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,616,888; premiums thereon, \$78,483; marine and inland risks in force, \$2,762,474; premiums thereon, \$60,148.

BUSINESS SINCE REORGANIZATION: Premiums received, \$179,285; losses paid, \$24,313.

MISCELLANEOUS: This Lloyds was formerly active, but withdrew from general business in 1897. Prior to Jan. 22, 1913, it was known as the New York Central Lloyds.

SUBSCRIBERS: Th. Amelia, Bergen, Norway; Ragnvald Blakstad, Christiania; H. K. Borchgrevink, Christiania; Joh. F. Bratt, Trondhjem; G. M. Bryde, Christiania; Chr. Christensen, Sandefjord; Chr. Frederiksen, Stokmarknes; Einar Giersten, Bergst; Adolf Halsest, Bergen, Adolph Halvorsen, Bergen; Magnus Halvorsen, Trondhjem; William Hansen, Bergen; Thomas Haftva, Christiania; J. H. Janson, Christiania; A. Jenson, Trondhjem; O. J. Karbo, Svolvær; Bull Kiøsterud, Drammen; Gunnar Kuden, Porsgrund; Knut Knutsen, Haugesund; Gottfr. Kuhnle, Bergen; Fred. Langaard, Christiania; A. O. Lindvig, Kragøy; Chr. B. Lorentsen, Christiania; Bredo Morgenstjerne, Christiania; Joh. Ludw. Mowinkel, Bergen; Alrik Rodesth, Bergen; A. Scott-Hansen, Christiania; E. Bull Simonsen, Trondhjem; Gustav Skamarken, Christiania; Chr. P. Staabo, Christiania; B. Scott-Nielsen, Haugesund; P. Volekmar, Trondhjem; Alf. L. Whist, Christiania; R. With, Stokmarknes, Sam Eyde and Herman F. Gade, Christiania; Alex. Bech, Tvedestrand, Chr. Bjelland, Stavanger, Jens N. A. Ellingsen, Sigerfjord.

TERRITORY COVERED: The company is licensed in Ill., N. Y. and Wis.

PACIFIC AUTOMOBILE INDEMNITY EXCHANGE, Los Angeles, Cal.

Managers, Individual Underwriting Corporation.

This is an inter-insurance association, organised in 1912.

PLANTERS UNDERWRITING ALLIANCE, St. Louis, Mo.

Attorney and Manager, Geo. B. Monroe & Co.

This inter-insurance organisation was understood to be doing business in 1911. Attempts in locating this concern have been unsuccessful.

PORTLAND MARINE UNDERWRITERS, Portland, Me.

Attorney and Manager, Albert B. Hall, 17 Exchange St.

This association has been transacting marine insurance since 1887. It is understood to be composed of 50 subscribers and has a fund of \$30,000, which is held for the protection of policy-

holders. Albert B. Hall, the attorney, is connected with Norton, Hall & Webster, insurance agents at Portland.

PRINTERS AND PUBLISHERS INSURANCE ASSOCIATION, Waco, Tex.

This exchange was reported to have been organized in 1913 by V. K. Bensonette & Co.

PRINTERS AND PUBLISHERS EXCHANGE, Houston, Tex.

This inter-insurance association was organized in 1911 to carry the risks of printers and publishers.

PROPERTY UNDERWRITERS ASSOCIATION, San Francisco, Cal.

Attorney-in-fact, C. J. Stovel. Organized, 1913.

This company began writing business with 200 members. It writes automobile and motor cycle insurance covering fire, theft, collision, property damage and personal liability. As of May 30 it states that its membership approximates 1,200.

PUBLISHERS RECIPROCAL EXCHANGE, Kansas City, Mo.

Attorney and Manager, Bruce Dodson.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h'rs	Expenses	Total Expenditures	Losses Incurred
1914	\$301,400		*\$297,375	\$560,641	\$565,903	\$216,369	\$181,250	†	\$397,619	\$216,369

* Includes unearned premium reserve. † Figures are net after deducting reinsurance and 25% fixed administration expenses.

ASSETS, DEC. 31, 1914: Cash \$43,247; guarantee fund, \$129,000; net deposits in course of collection, \$12,634; mortgage loans, \$3,500; bonds owned, \$116,519; total, \$301,400. Liabilities, losses unpaid, \$4,025.

BONDS OWNED:

	Market Value.
U. S. Gov.....	\$5,000
Chicago.....	5,000
St. Louis.....	5,000
Pittsburg.....	5,000
Minneapolis.....	5,000
Minneapolis.....	4,987
Nashville.....	5,000
Kansas City, Mo., se.....	17,383
Kansas City, Mo., judgments.....	4,000
Louisville.....	4,512
Columbus, se.....	5,000
Des Moines.....	4,975
Salt Lake.....	5,000
San Antonio.....	5,000

BONDS OWNED.—Cont.

	Market Value.
Seattle, Wash., se.....	\$5,000
Rock Isl. Co., Ill., se.....	4,912
Wayne Co., Mich.....	4,787
Douglas Co., Neb.....	4,925
Hamilton Co., Tenn.....	5,187
State of Colorado.....	2,349
State of Louisiana.....	5,000
Total.....	\$116,519

MISCELLANEOUS: This is an inter-insurance association operated as a separate department by Bruce Dodson, manager of the Reciprocal Exchange of Kansas City, Mo., which see. The above statement is a combined one of the Publishers Reciprocal Exchange, the Bakers Reciprocal Exchange and Landerd Reciprocal Exchange, which departments are grouped in one class in the Reciprocal Exchange.

RECIPROCAL ANNEX, Kansas City, Mo.

Attorney and Manager, J. W. Garvey. Organized, 1906.

Year	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$55,205	\$28,361	\$15,040	\$34,357	\$34,770	\$11,882	\$12,397	\$8,082	\$33,311	\$11,882
1913*	\$2,254	28,902	14,885	40,422	41,383	18,943	12,026	9,719	40,688	18,943
1912*	49,581	24,221	13,755	29,223	31,223	10,590	12,197	5,671	28,458	10,590

* Statement for 14 months ending December 31, 1913.

ASSETS, DEC. 31, 1914: Loans, \$26,902; cash, \$24,796; uncollected premiums, \$3,467; other assets, \$40; total assets, \$55,205. Liabilities: Unearned prems., \$28,361; dividends unpaid, \$11,904; total liabilities, \$40,165.

Fire risks in force, December 31, \$2,512,635.

BUSINESS SINCE ORGANIZATION: Premiums received, \$269,894; losses paid, \$71,324; dividends declared, cash, \$75,670.

This association was organized November 1, 1906, by J. W. Garvey, who also manages the Lumbermens Exchange and the Reciprocal Underwriters, both of Kansas City. Each subscriber

deposits \$20 for each risk which he wishes to insure, his account is then credited with his proportion of the premiums written daily, when these credits amount to \$40, said amount is added to his deposit of \$20, and the \$60 is set aside to his account as his deposit and reserve fund. All amounts credited to his account thereafter are returned to him in dividends at each annual statement, less 20% and his proportion of losses and expenses. Should a member withdraw, his deposit is returned to him, also his reserve fund, less the amount it would take to carry the indemnity extended by him to the expiration of policies in force.

ADVISORY COMMITTEE: T. J. Oneil, T. H. Rogers, L.L.

RECIPROCAL EXCHANGE, Kansas City, Mo.

Attorney and Manager, Bruce Dodson, Sharp Building.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'yhrs	Expenses	Total Expenditures	Losses Incurred
1914	\$1,061,267	.....	*\$1,040,242	\$2,339,146	\$2,432,164	\$890,045	\$876,751	†.....	\$1,766,796	\$890,045

* Includes unearned premiums. † Figures are net after deducting reinsurance and 25% fixed expense of administration.

ASSETS, DEC. 31, 1914: United States bonds, \$25,000; state bonds, \$12,349; county bonds, \$60,838; municipal bonds, \$364,165; real estate mortgages, \$21,500; guarantee fund, \$395,900; net deposits in course of collection, \$31,720; cash in banks, \$149,796; total, \$1,061,267; Liabilities: Losses unpaid, \$21,025.

MISCELLANEOUS: This is a reciprocal insurance institution of which Bruce Dodson, of Kansas City, Mo., is manager. It was established in 1900 and has several departments covering the separate classes insured, all of which are similar, having the hazards of manufacturing risks and coming within the same general classification. The departments include the Bakers Reciprocal Exchange (1905), Brewers Reciprocal Exchange (1900), Ice Manufacturers Reciprocal Exchange (1901), Launderers Reciprocal Exchange (1905), Publishers Reciprocal Exchange (1911) and Ice Cream Manufacturers Reciprocal Exchange (1914). Separate statistics are kept for the industries which are grouped into three special classes. Brewers is classified separately, while

the Launderers, Bakers and Publishers are grouped together, as are also the Ice Manufacturers and the Ice Cream Manufacturers. The savings to subscribers are credited according to the class to which they belong. Since organization, the manager informs us, it has shown an average annual saving of over 40%.

Under the plan of the Reciprocal Exchange, all funds are available for the payment of losses; therefore, there is no reinsurance reserve liability. However, if from the actual cash assets as shown in the statement as of January 1, 1914, a reinsurance reserve equal to 50% of subscribers' current deposits should be deducted, the Exchange would, over and above such reinsurance reserve and the subscribers' guarantee fund, have a net cash surplus of \$740,539. The expenses of management amount to 25% of the premium deposit of members. The above is the statement of the combined departments. For details of special classes see various departments listed in foregoing.

RECIPROCAL UNDERWRITERS, Kansas City, Mo.

Manager, J. W. Garvey.

YEAR	Assets	Unearned Premiums	Net Surplus	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$114,072	\$57,645	\$29,640	\$71,915	\$76,047	\$23,199	\$38,253	\$16,292	\$77,744	\$23,199
1913	115,636	54,173	29,076	87,089	93,219	32,741	35,033	20,680	88,454	32,741

a For 17 months ending Dec. 31, 1913.

ASSETS, Dec. 31, 1914.		LIABILITIES, Dec. 31, 1914.	
Mortgage loans.....	\$81,688	Unearned prem.....	\$57,645
Cash.....	27,068	Div. unpaid.....	26,787
Uncollected prems..	5,316		
		Total liabilities....	\$84,432
		Surplus.....	29,640
Total assets.....	\$114,072	Total.....	\$114,072

Fire risks in force, December 31, \$5,279,490.

BUSINESS SINCE ORGANIZATION: Premiums received, \$753,434; losses paid, \$240,059; dividends declared, cash, \$346,797.

MISCELLANEOUS: J. W. Garvey & Co. are also managers of the Reciprocal Annex and the Lumbermen's Exchange. Each member deposits \$20 for each risk which he wishes to insure, his account is then credited with his proportion of the premiums written daily, when these credits amount to \$40, said amount is added to his deposit of \$20, and the \$60 is set aside to his account as his deposit and reserve fund. All amounts credited to his account thereafter are returned to him in dividends at each annual statement, less 20% and his proportion of losses and expenses. Should a member withdraw, his deposit is returned to him, also his reserve fund, less the amount it would take to carry the indemnity extended by him to the expiration of policies in force.

ADVISORY COMMITTEE: H. J. Hodge, chairman; T. J. O'Neill, L. L. Siebel, E. C. Hood and T. H. Rogers.

RETAIL MERCHANTS INSURANCE ASSOCIATION, Newport, Ky.

This association is reported as having commenced business in 1913 under the management of John M. Hammond & Co.

SAM HOUSTON INTER-INSURANCE EXCHANGE, Houston, Tex.

This is reported as commencing business in 1911.

SOUTHERN UNDERWRITERS, San Antonio, Tex.

Manager, Van A. Webster.

This is a reciprocal organization inaugurated late in 1907. It insures only merchants with high rating. Only one risk in a block is accepted, and lines are limited to \$10,000. A sum equal to 50% of the premium deposit is required as a reserve. The manager's remuneration (including clerical help) is 15% of the premium deposit. The liability assumed by any underwriter is limited to the amount of the unearned premium deposit and one annual premium, policies being non-assessable. In case of cancellation, the unexpended portions of the premium deposit and

the 50% surplus are returned. It has about 2,000 subscribers and writes business in Texas only.

ADVISORY COMMITTEE: W. T. McCampbell, president State Bank & Trust Co., San Antonio; Ralph Hugo, president Hugo Schmeltzer Co., San Antonio, Tex.; A. G. Castanola, of M. Castanola & Son, San Antonio, Tex.; Wm. Aubrey, counsel and Van A. Webster, manager.

SOUTHERN LUMBER UNDERWRITERS, New Orleans, La.

Attorney, J. E. Warner, 416 Hennen Bldg., New Orleans, La.

This is a strictly inter-insurance association, restricting its operations to lumber mills and allied industries and commenced business June 1, 1908. On June, 1914, cash assets were \$40,971; of which the principal item was \$31,426 of cash in banks, and contingent assets of \$26,746, with liabilities of \$16,805; unearned pre-

miums, \$13,373; losses unpaid, \$2,096; and reserve fund, \$24,666. Its net premiums for the year were \$40,120; and its losses and expenses, \$17,282. The advisory committee is composed of Fred Wilbert, J. F. Wigginton and L. W. Gilbert. J. E. Warner, special agent and inspector.

SOUTH WESTERN RECIPROCAL UNDERWRITERS, Wichita, Kan.

Attorney and Manager, F. L. Wright.

This exchange began business in 1908. It was organized for the purpose of furnishing protection on the inter-insurance plan

to members of the Southwestern Kansas and Oklahoma Implement and Hardware Dealers Association.

SPRINKLERED RISK UNDERWRITERS, Chicago, Ill.

Attorneys and Managers, Wm. and R. M. Williamson, McCormick Bldg., Chicago, Ill.

This is an inter-insurance organization, established April 1 1907, writing on properties protected by automatic sprinkler equipments. The risks are underwritten by the members in pro rata amounts by each of them, without joint liability. The underwriting agreement stipulates that the maximum risk and the maximum insurance in any city block shall be limited to an amount of which the proportion assumed by each member shall not be in excess of the sum denominated in his subscription; also that no policies shall be issued whereby a member's obligations for losses arising from a conflagration shall exceed three times his subscription. The sum of \$2,000 (not a cash deposit) is denominated a member's subscription. Members must be rated by commercial agencies at not less than \$100,000. The maximum line on any single risk, or in any city block, is \$100,000, and each member's underwriting thereof is a proportionately reduced sum as compared to his subscription and continues to be reduced by acquisition of additional members, in lieu of the latter increasing the maximum policy issued. The policies are written at the insurance companies' prevailing rates for the risks,

less an allowance of twenty-five (25) per cent. from premiums. Excess of a member's proportion of premium incomes over his proportion of losses is at the option of the trustees refundable to him annually to the extent of \$200 per annum, pending accumulation of a stipulated reserve, when the entire excess above such reserve is refundable annually. If a member's proportion of the premiums fails to cover his proportion of the losses, he is required to make a deposit of the deficiency. Further underwriting on behalf of a member must be discontinued upon his notice to the managers to that effect, and a retiring member's existing underwritings on policies in force, may at his option be continued to expiration or terminated within thirty days by transfer thereof to his associate members, whereupon the amount to the retiring member's credit is refundable to him. The funds are in the custody of trustees elected annually and who have supervision over the management. Policies covering against loss by sprinkler leakage are also issued by this organization.

The financial statement of this company as of Dec. 31, 1914, shows it to be in a sound and flourishing financial condition.

STANDARD FIRE INSURANCE EXCHANGE, San Antonio, Tex.

This exchange was understood to have commenced business in Texas during 1914, with M. T. Stone as manager.

TEXAS FIRE INSURANCE ASSOCIATION, Tyler, Tex.

Thos. A. Johnson is understood to have organized this association in 1913.

TEXAS UNDERWRITERS RECIPROCAL INSURANCE INDEMNITY EXCHANGE, Fort Worth, Tex.

It is reported that this organization commenced business in 1913.

UNDERWRITING AGREEMENT, New York.

This is a reciprocal association writing fire risks among a restricted class. The meetings are reported as being held at 75 Spring st., New York City.

UNDERWRITERS AT LLOYDS OF MINNEAPOLIS, Minneapolis, Minn.

Attorney-in-Fact, Chas. W. Sexton. Organized 1913.

Year	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to P'y'h's.	Expenses	Total Expenditures	Losses Incurred
1914	\$286,130	\$29,137	\$251,880	\$62,543	\$88,355	\$16,717	\$15,659	\$31,456	\$64,222	\$21,658
1913	\$70,327	10,156	\$82,261	21,958	21,958	3,162		4,600	7,771	4,506

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Mortgage loans.....	\$10,000	Losses unpaid.....	\$5,552
Bonds and stocks.....	228,995	Unearned premiums.....	29,137
Collateral loans.....	42,659	Other liabilities.....	2,569
Agents' balances.....	2,023		
Under's dep.....	5,000	Total liabilities.....	\$37,258
Other assets.....	431	Surplus.....	251,880
Total assets.....	\$289,138	Total.....	\$289,138

Underwriting profit, \$4,704; investment profit, \$921.

Premiums in force, December 31, \$58,274.

BUSINESS SINCE ORGANIZATION: Premiums received, \$4,501; losses paid, \$19,846.

MORTGAGE LOANS: There are 3 loans aggregating \$10,000 on lots in Minn. & S. D. valued at \$25,300. There was no interest paid due on Dec. 31, last.

BONDS AND STOCKS OWNED:		Par Value.	Market Value.
Great Western Pr.....		\$5,000	\$4,800
Comanche Co. Okla. f.....		5,000	5,000
Minnesota & Ontario Pr.....		5,000	4,900
Norfolk & So. Ry.....		5,000	5,000
Dallas Econ. Corp., coll. tr.....		4,000	3,840
Kansas Gas & El.....		1,000	960
Pengo Paving.....		10,000	10,000
Minneapolis Gas.....		5,000	4,900
Mpls. Lyndale & Minnetonka Ry.....		5,000	5,080

STOCKS.		Par Value.	Market Value.
North Amer. Tg. Co.....		6,300	5,985
Merchants Nat. Bank, St. Cloud.....		4,000	5,000
First Nat. Bank, Kalispell, Mont.....		5,000	10,000
Twin City Rapid Transit, c.....		5,000	5,200

BONDS AND STOCKS OWNED.—Cont.		Par Value.	Market Value.
National Bk., La Crosse, Wis.....		\$2,000	\$7,000
Minn., St. P. & S. Ste. M. Ry., p.....		6,600	8,515
Minn., St. P. & S. Ste. M. Ry., c.....		5,000	6,150
Security Nat. Bank, Minn.....		9,300	46,500
Northwestern Nat. Bk., Minn.....		12,900	49,840
Merchants Nat. Bk., St. Paul.....		6,500	18,750
First National Bk., Minn.....		36,400	102,039
Totals.....		\$156,600	\$309,229

MISCELLANEOUS: Interest on securities deposited by the underwriters is paid to them as received.

ADVISORY COMMITTEE: Hovey C. Clarke, chairman; Cavour S. Langdon, Earle Brown, Fred B. Snyder, Willis J. Walker, Charles W. Sexton, attorney.

FIELD MEN AND TERRITORY COVERED: Chas. W. Sexton Co., general agents, Minneapolis, Minn. Company operates in Minn. only.

UNDERWRITERS: James Ford Bell, Frederick S. Bell, Russell M. Bennett, John Birkholz, Charles C. Bovey, Anson S. Brooks, Earle Brown, Eugene J. Carpenter, Elbert L. Carpenter, F. A. Chamberlain, Hovey C. Clarke, Edward W. Decker, Karl DeLaitre, James H. Ellison, John R. Freeman, Calvin G. Goodrich, C. M. Harrington, Horace M. Hill, Frank P. Hixon, George C. Howe, J. B. Hudson, Clive T. Jaffray, Cavour S. Langdon, F. W. Little, Edmund J. Longyear, Sumner T. McKnight, John D. McMillan, W. S. Nott, A. L. Ordean, E. N. Osborne, Harry E. Penoe, E. Pennington, A. F. Pillsbury, C. S. Pillsbury, John S. Pillsbury, George F. Piper, J. H. Quaal, Arthur R. Rogers, Charles W. Sexton, Thomas L. Shevlin, Fred B. Snyder, John P. Snyder, Frederick H. Stolte, Charles D. Vahle, Fred C. VanDusen, Willis J. Walker, John Washburn, C. C. Webber, F. E. Weyerhaeuser, F. G. Winston.

UNDERWRITERS EXCHANGE, Chicago, Ill.

Attorney and Manager, H. J. Straight, 73 West Adams St. Organized, 1902.

YEAR	Assets	Unearned Premiums	Surplus as to P'yh's	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$342,506	\$125,424	\$717,062	\$317,992	\$347,393	\$12,425	\$25,287	\$38,636	\$76,248	\$12,332
1913	664,735	95,980	568,754	191,961	212,502	7,093	24,000	33,561	64,663	7,094
1912	515,480	78,482	442,498	145,212	161,643	11,474	\$29,638	25,750	66,862	13,868
1911	423,700	63,172	360,528	123,980	135,892	2,312	5,889	21,364	29,165	2,313
1910	\$14,608	53,768	260,840	110,771	119,257	1,015	13,888	18,299	\$3,902	1,015

† Paid retiring subscribers.

† Includes \$15,723 dividends to retiring subscribers.

Assets, Dec. 31, 1914.

Bonds and stocks...	\$484,330
Collateral loans.....	57,500
Cash.....	277,596
Prema. uncoll.....	14,851
Interest.....	7,729

Total assets..... \$342,506

LIABILITIES, Dec. 31, 1914.

Unearned prems....	\$125,424
Surplus.....	717,062

Total..... \$342,506

RISKS AND PREMIUMS: Fire risks in force, December 31, \$58,379,450; premiums thereon, \$240,777.

BUSINESS SINCE ORGANIZATION: Premiums received, \$1,115,818; losses paid, \$69,473; dividends declared, \$120,087.

MISCELLANEOUS: This is an inter-insurance association, writing only sprinklered risks. Only merchants rated at or above \$100,000 are eligible to membership. There are 309 subscribers. Each member assumes a proportionate liability, not exceeding \$2,500, under each policy; and the liability of each for loss caused by a single fire is limited to \$12,500. Before profits can be withdrawn by a member, his account must show a credit balance of \$5,000. H. J. Straight is also attorney for the Inter-Insurers Exchange. This association commenced business February 15, 1902.

THE UNION UNDERWRITERS OF NEW YORK.

Attorneys, Hall & Trowbridge, 123 William Street, New York. Organized, 1906.

YEAR	Assets	Unearned Premiums	Surplus as to P'yh's	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$182,100	\$23,691	\$59,484	\$42,554	\$48,498	\$1,907	\$6,051	\$14,582	\$22,540	\$11,941
1913	123,925	20,328	46,917	33,617	145,737	32,050	5,411	15,112	\$2,573	30,173
1912	154,681	20,810	130,572	85,843	\$44,182	5,354	4,495	15,519	\$26,368	4,327
1911	142,627	19,400	121,173	29,008	\$49,648	21,233	4,287	14,148	\$39,668	21,035
1910	136,739	20,022	116,469	36,226	\$44,818	8,338	3,612	14,964	26,914	8,225

* Excluding payments to retiring subscribers.

† Including deposits of subscribers.

‡ Excluding deposits of subscribers.

Assets, Dec. 31, 1914.

Bonds and stocks...	\$114,750
Cash.....	53,967
Prema. uncollected..	11,669
Interest.....	1,787

Total assets..... \$182,170

LIABILITIES, Dec. 31, 1914.

Losses unpaid.....	\$10,145
Unearned prems....	23,691
Other liabilities.....	850
Total liabilities...	\$34,686
Und'r's deposits....	88,000
Net surplus.....	59,484

Total..... \$182,170

RISKS AND PREMIUMS: Fire risks in force, December 31, \$5,822,452; premiums thereon, \$47,729.

BUSINESS SINCE ORGANIZATION: Premiums received, \$348,988; losses paid, \$100,723; dividends declared, cash, \$31,928.

BONDS OWNED.

	Par Value.	Market Value.
Erie R. R., Pa. col., 1951, 4%.....	\$5,000	\$4,500
Chl. Burl. & Quincy, 1921, 4%.....	10,000	9,700
Pa. Co., 1931, 4%.....	10,000	9,500
Atch. T. & S. Fe, 1995, 4%.....	15,000	14,400
Norfolk, 1961, 5%.....	10,000	9,400
N. Y. West. & Bost., 1946, 4%.....	10,000	7,000
Boston Elec. Ry., 1941, 4%.....	10,000	9,100
C. R. I. & P., 1934, 4%.....	25,000	18,000
N. Y. State Ry., 1922, 4%.....	10,000	8,900
Adirondack E. P., 1923, 5%.....	10,000	9,200
Chl. TL, 1923, 5%.....	10,000	10,100
Kings Co. Ltg., 1964, 5%.....	5,000	4,950

Totals (book value, \$125,181)..... \$130,000 \$114,750

MISCELLANEOUS: Formed as South and North American Lloyds, in 1876; title changed to Associated Underwriters at South and North American Lloyds, December 31, 1901; title changed to Union Underwriters of New York, January 16, 1906.

UNDERWRITERS:

	Liability Assumed.
Frederic B. Fiske, of Fiske Bros., Refining Co., N. Y..	\$10,000
Edgar Palmer (of N. J. Zinc Co.), N. Y.....	10,000
Edwin Packard, vice pres. Federal Mining & Smelting Co., N. Y.....	10,000
Harvey Childs, Jr., H. Childs & Co., Pittsburg.....	10,000

UNDERWRITERS.—Cont.

	Liability Assumed.
Wm. Littauer, Gloversville, N. Y.....	\$10,000
Eugene S. Pike, capitalist, Chicago.....	10,000
T. Howe Childs, 2d vice-pres. Colonial Steel Co., Pittsburg.....	10,000
Harry J. O'Brien, insurance, Chicago.....	10,000
Harry Londerbough, Jersey City.....	10,000
Chas. C. Ballantyne, vice-pres. The Sherwin-Williams Co. of Canada, Ltd., Montreal, P. Q.....	10,000
John S. Sutphen, of Sutphen & Myer, N. Y.....	10,000
J. H. Childs, of Childs & Childs, bankers, Pittsburg..	10,000
Gustav Levor, of G. Levor & Co., N. Y.....	10,000
Leo H. Wise, of Wise Bros., N. Y. & Balto., Md.....	10,000
Chas. A. Trowbridge, of E. E. Hall & Co., N. Y....	10,000
Albert H. Childs, Pittsburg.....	10,000
Chas. J. Follmer, of Follmer, Clogg & Co., Inc., N.Y.	10,000
David S. Walton, of D. S. Walton & Co., N. Y.....	10,000
Thomas Dimond, N. Y.....	10,000
E. A. Richard, 50 Union Square, N. Y.....	10,000
W. H. Andrews, Buffalo, N. Y.....	10,000
Frank Woolsey, pres. C. A. Wolesey Paint & Color Co., Jersey City.....	10,000
James E. Hayes, vice-pres., New Jersey Zinc Co., N.Y.	10,000
Chas. Adler of Jacob Adler & Co., N. Y.....	10,000
George M. Boardman of Paterson, Boardman & Knapp, N. Y.....	10,000
Henry A. Caesar, of H. A. Caesar & Co., N. Y.....	10,000
Chas. S. Conklin, Insurance, N. Y.....	10,000
Ewald C. Dreckerhoff, of Dreckerhoff, Radloff & Co., N. Y.....	10,000
Chas. Eddy, sec. American Lithographic Co., N. Y....	10,000
Rudolph Erbshoh, pres. Dreckerhoff, Radloff & Co., N. Y.....	10,000
Willis M. Follmer, with Follmer, Clogg & Co., Inc., N.Y.	10,000
Henry G. Gemmert, N. Y.....	10,000
Edward E. Hall, of E. E. Hall & Co., N. Y.....	10,000
August Hecksher, director New Jersey Zinc Co.....	10,000
L. Laffin Kellogg, of Kellogg & Rose, N. Y.....	10,000
John M. Kleas, of Dreckerhoff, Radloff & Co., N.Y.	10,000
W. W. Lawrence, pres. National Lead Co., N. Y.....	10,000
Lucius N. Littauer, of Littauer Bros., N. Y.....	10,000
James A. Smith, of Calhoun, Robbins & Co., N. Y....	10,000
W. J. Stitt, of Jacob Adler & Co., N. Y.....	10,000

UNITED ASSURANCE ASSOCIATION, Dallas, Tex.

This organization was reported to have commenced business in 1913 with W. A. Samson as attorney.

SUBSCRIBERS AT UNITED STATES LLOYDS, New York. §

Attorneys, A. Foster Higgins, Herbert Appleton, Douglas F. Cox, 3 South William Street. Organized, 1866.

YEAR	Assets	Unearned Premiums	Surplus as to Policyholders	Net Premiums	Total Income	Losses Paid	Dividends	Expenses	Total Expenditures	Losses Incurred
1914	\$1,412,678	\$402,633	\$523,934	\$1,557,754	\$1,597,684	\$902,012	.....	\$527,841	\$1,429,853	\$843,628
1913	1,242,171	453,062	280,884	1,316,673	1,358,503	1,147,955	\$25,000	600,123	1,773,078	1,050,166
1912	1,082,232	501,402	288,713	1,680,908	1,720,906	1,094,890	50,000	602,412	1,747,292	1,185,986
1911	1,716,819	622,847	410,000	1,798,999	1,835,496	924,866	50,000	564,629	1,539,495	1,173,161
1910	1,427,133	629,177	412,372	1,603,866	1,638,458	1,138,288	50,000	503,526	1,691,814	993,258

§ Transacts marine and inland insurance only.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Bonds.....	\$351,800	Losses unpaid.....	\$359,821
Cash.....	405,526	Unearned premiums.....	402,633
Agents' balances.....	140,028	Other liabilities.....	26,290
Interest.....	11,066		
Other assets.....	4,268	Total liabilities.....	\$788,744
		Undr's deposits.....	100,000
		Net surplus.....	523,934
Total assets.....	\$1,412,678	Total.....	\$1,412,678

Members' liability unlimited.

RISKS AND PREMIUMS: Marine and inland risks in force, December 31, \$38,444,765; premiums thereon, \$770,585.

BUSINESS SINCE ORGANIZATION: Premiums received, \$61,946,126; losses paid, \$36,815,149; dividends declared, cash, \$2,164,734.

BONDS OWNED:	Par Value.	Market Value.
Atlanta, Ga., 4½%.....	\$10,000	\$10,000
Boston, reg., 3½%.....	50,000	44,500
Massachusetts g., 3½%.....	50,000	47,750
N. Y. C. cp. stk., reg., 4%.....	50,000	47,750
N. Y. C. reg. docks & ferries, 3½%.....	50,000	45,500
N. Y. C. cp. stk., reg., 3½%.....	50,000	45,500
N. Y. C. cs. stk., 3%.....	25,000	23,250
N. Y. C. cp. stk., 3½%.....	25,000	21,000
N. Y. & I. hwy. imp., 4%.....	50,000	49,875
A. T. & S. F. R. R. gn. m., 4%.....	50,000	45,750
B. & O. R. R., 1 m., 4%.....	50,000	44,750
C. New Eng. Ry., 1 m., 4%.....	25,000	19,250
Chi. M. & St. P. Ry. gn. m. s., 4%.....	25,000	22,375
Chi. R. I. & Pac. R. R., gn. m., 4%.....	50,000	40,375
C. St. P. M. & O. Ry. d. g., 5%.....	25,000	25,250
Des P. Val. Ry., 1 m. s., 4½%.....	25,000	23,500
L. I. R. R., 1 m., 4%.....	50,000	45,000
N. Y. C. & H. R. R. g., 3½%.....	50,000	39,500
N. Y. W. & B. R. R., 1 m., 4½%.....	25,000	17,125
No. Pac. Gt. No. Jt. C. B. & Q. col., 4%.....	50,000	47,500
No. Pac. Ry. St. P. Div., 4%.....	10,000	8,700
No. Pac. Ry., pr. ln., 4%.....	25,000	22,250
Scioto Val. & N. E. R. R., 1 m., 4%.....	15,000	13,350
Rep. of Cuba, 5%.....	25,000	24,000
N. Y. C. rev., 1917, 6%.....	5,000	5,000
N. Y. C. n., 1915, 6%.....	45,500	45,500
Totals.....	\$910,500	*\$822,300

*Securities as per company's valuations; the item in assets is based on insurance department valuations.

MISCELLANEOUS: Higgins & Cox are also U. S. managers of the Indemnity Mutual Marine of London.

SUBSCRIBERS: James Crosby Brown, of Brown Bros. & Co.; Blake Brothers & Co.; James M. Edwards, M. Orme Wilson, of R. T. Wilson & Co.; Frank A. Vanderlip, President Nat'l City Bank; Thomas H. Kelly; James L. Laidlaw, of Laidlaw & Co.; John T. Terry, John E. Berwind, A. Iselin & Co., Adrian Iselin, Jr., of A. Iselin & Co.; John D. Barrett, H. H. Rogers, William R. Peters, Howard P. Sweetser, P. A. S. Franklin, Vice-Pres. Inter'l Mer. Marine; John Claffin, of the H. B. Claffin Co.; Charles N. Lee, William Sloane, of W. & J. Sloane; Jos. J. O'Donohue, Jr., George E. Weed, W. B. Thomas, of American Sugar Refining Co.; Horace Havemeyer, J. A. Mollenhauer, O. M. Mitchell, of Power, Son & Co.; Enos Wilder, Flint & Co., Edward C. Hoyt, President U. S. Leather Co.; Warren G. Horton, of United States Leather Co.; Lewis H. Lapham, of Am-Hawaiian S. S. Co.; Lowell M. Palmer, Stephen Loines, William E. Iselin, S. T. Morgan, President Virginia-Carolina Chem. Co.; Wm. P. Clyde, Geo. A. Morrison, of American Cotton Oil Co.; G. Reusens, Edmund Trouton, Leaycraft & Co., Adolph Norden, Watjen, Toel & Co., Geo. W. Watjen, of Watjen, Toel & Co.; Louis Watjen, of Watjen, Toel & Co.; Henry R. Mallory, of C. H. Mallory & Co.; Silas D. Webb, Pres. China & Japan Trading Co.; Charles W. Hogan, of T. Hogan & Sons; Jefferson Hogan, of T. Hogan & Sons; George H. Ware, Henry C. Tinker, A. Foster Higgins, J. P. Morgan & Co., J. P. Morgan, Jr., of J. P. Morgan & Co.; Temple Bowdoin, of J. P. Morgan & Co.; Henry P. Davidson, of J. P. Morgan & Co.; Levi P. Morton, Walter P. Bliss, George B. Agnew, Richard J. Cross, Samuel Sloan, vice-pres. Farmers Loan & Trust Co.; Crossman & Sieleken, Hermann Sieleken, of Crossman & Sieleken, Edw. T. Bedford, pres. corn Products Refining Co.; Seth M. Milliken, of Deering, Milliken & Co.; Chas. A. O'Donohue, Stephen W. Carey, Herman S. Crossman, James H. Post, pres. The Nat'l Sugar Refining Co.; James B. Dickson, Charles W. McCutcheon, Charles F. Torrey, John D. Ryan, pres. Amalgamated Copper Co.; Herbert Appleton, J. Ogden Armour, of Chicago; Louis F. Swift, of Chicago; Joseph M. Cudahy, Chicago; C. S. Mathews, of New Orleans, La.; Bernard McCloskey, of New Orleans, La.; Alba B. Johnson, of Philadelphia; John & Jas. Dobson, of Philadelphia; W. J. McCahan, of Philadelphia; H. A. Berwind, of Philadelphia; Alfred Winsor, of Boston; Edwin F. Atkins, of Boston; B. N. Baker, of Baltimore; Louis Muller, of Baltimore; F. A. Meyer, Baltimore, Rufus Woods, of Baltimore; Rufus Woods & Co., of Baltimore; E. Levering & Co., of Baltimore; William Lanahan & Son, of Baltimore; Alex. J. Godby, of Baltimore; Wm. H. Dix, of Dix & Wilkins, Baltimore; Chas. C. Homer, Jr., of Baltimore; Joshua Levering, of Baltimore; F. W. Willson & Son, of Baltimore; Blanchard Randall, of Baltimore; R. Brent Keyser, of Baltimore; Waldo Newcomer, of Baltimore; Edward H. Sanford, of Baltimore; Douglas F. Cox.

TERRITORY COVERED: The underwriters do business in Ala., Ark., Cal., Colo., D. C., Fla., Ga., Ill., Ind., La., Me., Md., Mass., Mich., Minn., Miss., Mo., N. Y., N. C., Okla., Ore., Pa., R. I., S. C., Tenn., Tex., Va., Wash., Wis. and in Canada and Cuba.

UNITED STATES UNDERWRITERS, Kansas City, Mo.

Attorneys and Managers, Fletcher Cowherd, Jr. & Co.

The United States Underwriters of Kansas City, Mo., is an inter-insurance concern operating among the metal industries of the United States. It has now been in business for over a year,

and its attorneys and managers, Fletcher Cowherd, Jr., & Co., inform us that it has met with exceptional success. No statement of its financial condition has been furnished.

WESTERN AUTOMOBILE UNDERWRITERS, San Francisco, Cal.

Attorneys and Managers, J. H. Brown & Co.

This is an inter-insurance association, organized in 1911 with J. H. Brown & Co. as attorneys and managers. It writes insurance on automobiles, covering fire, theft and collision. The managers' remuneration is 25% of the amount deposited by

members as an annual premium deposit. Fifty per cent. of the annual savings effected for members is to be set aside as a reserve fund. The affairs of the association are in the hands of an advisory committee selected annually by members.

WESTERN RECIPROCAL UNDERWRITERS, Oklahoma City, Okla.

ASSETS, DEC. 31, 1914: Contingent surplus, \$39,253; mortgage loans, \$50,350; bonds and stocks, \$2,500; uncollected prems., \$10,740; cash, \$37,415; agents' balances, \$149; furniture, etc., \$2,020; other assets, \$3,063; unearned reins. prems., \$10,079; total assets, \$155,559. Liabilities, Dec. 31, 1914: Losses unpaid, \$5,064; unearned prems., \$4,187; total liabilities, \$9,271; guarantee fund, \$67,232; surplus, \$79,056; total, \$155,559.

BUSINESS SINCE ORGANIZATION: Losses paid, \$174,383; dividends declared, cash, \$130,593.

This inter-insurance association was organized in 1907 by W. H. Watlington and J. M. Campbell. The former retired in 1908 and the association is now under the management of Mr. Campbell. N. C. Tulloss, Kansas City, Mo., is the Field Manager.

WHOLESALE GROCERS RECIPROCAL INDEMNITY EXCHANGE, St. Louis, Mo.

Attorney and Manager, John C. Bardwell.

YEAR	Cash Assets	Unearned Premiums	Net Cash Surplus	Cash Premiums	Total Income	Losses Paid	Returned to Policyholders	Expenses	Total Expenditures	Losses Incurred
1914	\$191,195	\$40,139	\$104,120	\$78,813	\$94,087	\$39,316	\$12,582	\$16,673	\$68,571	\$134,087

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Cash.....	\$43,546	Losses unpaid.....	\$44,000
Uncoll. depts.....	8,949	Unearned prems.....	40,139
Guarantee fund.....	127,625	Other liabilities.....	2,936
Other assets.....	11,075		
		Total liabilities.....	\$87,075
		Surplus.....	104,120
Total assets.....	\$191,195	Total.....	\$191,195

RISKS AND PREMIUMS: Fire risks in force, December 31, \$9,822,850; premiums thereon, \$31,128.

MISCELLANEOUS: The members of the advisory committee, Oscar B. McGlaeson, Chas. E. Pickens, and Warren Goddard. Subscribers are required to pay the same rate charged by stock companies. The attorney and manager is allowed 20% of the premiums for expenses, the balance being kept in reserve to pay losses. This bureau does business in almost every State in the Union.

WHOLESALE GROCERY SUBSCRIBERS AT WARNER INTER-INSURANCE BUREAU, Chicago, Ill.

Attorney, Lansing B. Warner, 104 S. Michigan Ave. Organized, 1913.

This company commenced business in 1913 and we are advised by its attorney that it is making steady and satisfactory progress and has at present about 150 risks in force with a net maximum

line of \$5,000 subject to any one fire. The advisory committee consists of R. E. Hills, E. G. Koons, Tom Hall, A. D. Thomas, J. A. Ebaris and L. B. Warner, secretary.

LLOYDS AND INTER-INSURANCE ASSOCIATIONS SUPPOSED TO HAVE CEASED BUSINESS.

Below will be found a list of Lloyds and inter-insurance associations which are supposed to have ceased business altogether or to be quiescent:

American Wholesale Reciprocal Inter-Insurers, San Antonio, Tex.
Amusement Indemnity Exchange, St. Louis, Mo.
Atlas Fire Underwriters, Chicago, Ill.
Anchor Fire Insurance Association, Dallas, Tex.
Arizona and New Mexico Underwriters, Phoenix, Ariz.
Brooklyn Fire Underwriters, Brooklyn, N. Y.
Citizens Cooperative Underwriters, Chicago, Ill.
Commercial Underwriters, Chicago, Ill.
Commercial Underwriters, San Antonio, Tex.
Commonwealth Underwriters, San Antonio, Tex.
El Paso Underwriters, El Paso, Tex.
Empire Reciprocal Inter-Insurers, San Antonio, Tex.
Equitable Fire Underwriters, Chicago, Ill.
Fidelity Underwriters, Chicago, Ill.
Fire Association of Illinois, Chicago, Ill.
Firemens Fire Underwriters, Chicago, Ill.
Garfield Assurance Fire Lloyds, New York.
German-American Fire Underwriters, Chicago, Ill.
German Fire Underwriters, Cory, Ind.
Home Inter-Insurance Exchange, Kansas City, Mo.
Illinois Underwriters Mutual Association, Chicago, Ill.
Industrial Underwriters, Chicago, Ill.
Inter-Insurance Company, Galveston, Tex.
International Fire Office, New York.
International Underwriters, El Paso, Tex.
Laundrymens Assurance Exchange, Chicago, Ill.
Lumber Underwriters, El Paso, Tex.

Lumbermens Inter-Insurance Association, Kansas City, Mo.
Merchants Fire & Marine Underwriters, Chicago, Ill.
Mercantile Lloyds, Little Falls, N. Y.
Mercantile Fire & Marine Underwriters, Chicago, Ill.
Merchants Inter-Insurance Exchange, Baltimore, Md.
Merchants & Farmers Underwriters, El Paso, Tex.
Merchants Exchange, Chicago, Ill.
Mill Owners Underwriters, El Paso, Tex.
National Fire Underwriters, Chicago, Ill.
New York & New England Underwriters, New York.
New York Insurance Association, New York.
Northern Fire Association, Chicago, Ill.
Northern Fire Underwriters, Chicago, Ill.
Northwestern Underwriters, Chicago, Ill.
Paint Trade Fire Insurance Exchange, Seattle, Wash.
Pass City Underwriters, El Paso, Tex.
Peoples Cooperative Underwriters, Chicago, Ill.
Profit Sharing Company, El Paso, Tex.
Queen City Fire Underwriters, Chicago, Ill.
Reciprocal Indemnifiers of America, St. Louis, Mo.
Reciprocal Indemnity Exchange, Los Angeles, Cal.
Security Fire Underwriters, Chicago, Ill.
Southwestern Fire Underwriters, Kansas City, Mo.
Union Underwriters, New York.*
Western Exchange Underwriters, El Paso, Tex.
Western Lumber Underwriters, Kansas City, Mo.
Western Union Fire Underwriters, Chicago, Ill.

* Another association of similar name is in active business.

UNLICENSED AMERICAN FIRE INSURANCE COMPANIES

In this division there was previously presented information concerning American fire insurance companies which were not licensed by the State insurance officials of the States in which the companies were respectively (nominally) domiciled, to conduct insurance business therein. Concerns of this type commonly make broad claims as to the possession of liberal amounts of assets; but as they did not file sworn reports with any State insurance officials, their claimed resources were not subject to scrutiny or verification by any public official. In the absence of such verification, it is usually safe to assume that the assets claimed are either imaginary, or are not owned by the company and are not available for the payment of claims against it. Occasionally a company based upon an old or special charter claims among its privileges thereunder immunity from supervision by the State insurance official of its home State. While such a claim may be made in good faith by an honestly managed company, so many similar claims have been made in the past by concerns which subsequently failed disastrously, that any company failing to report regularly to the State insurance department of its own State is now looked upon with suspicion until it has made some indubitable demonstration of its good faith and its ability and willingness to pay its just debts. As a general rule, it is safer to avoid companies which are unwilling to submit to a proper degree of supervision by duly constituted State authorities, or which are unable to secure the license required to be obtained before doing business. However, there are numerous companies which are regularly licensed in one or more States, and which write some policies upon properties located in other States in which they are not licensed. These companies may be perfectly reliable, financially, being willing to accept a few "surplus lines" in certain States, but not desiring to do a general business therein, and hence not caring to go to the expense of establishing agency plants. As they are licensed in one or more States, even though writing an occasional risk in States in which they are not licensed, such companies cannot be classified as "unlicensed," and will be found listed in other divisions.

UNLICENSED COMPANIES SUPPOSED TO HAVE CEASED BUSINESS.

Below will be found a list of fire insurance companies which were not licensed by State Insurance Departments, and which are supposed to have ceased business.

Etna Fire Ins. Co., Louisville, Ky.
 Etna Fire Ins. Co., New Orleans, La.
 Amazon Ins. Co., Charleston, W. Va. (and O.)
 American Ins. Co., Terre Haute, Ind.
 American Fire Ins. Co., Wilmington, Del.
 American Trust & Ins. Co., Chicago, Ill.
 American Underwriters, Chicago, Ill.
 Central Ins. Co., Chicago, Ill.
 Chesapeake F. & M. Ins. Co., Richmond, Va.
 Citizens Insurance Co., Chicago, Ill.
 Columbia Ins. Co., Chicago, Ill.
 Columbian Ins. Co., Chicago, Ill.
 Commercial Fire Ins. Co., Chicago, Ill.
 Commercial Fire Ins. Co., Wilmington, Del.
 Commercial Ins. Co., Philadelphia, Pa.
 Commonwealth Ins. Co., Chicago, Ill.
 Elgin National Ins. Co., Elgin and Chicago.
 Equitable Ins. Co., Indianapolis, Ind.
 Exchange Fire Ins. Co., Chicago, Ill., and La Porte, Ind.
 Farmers & Mfrs. Ins. Co., Charleston, W. Va.
 Federal Fire Ins. Co., Chicago, Ill.
 Firemen's Fire Ins. Co., Chicago, Ill.
 General Trust & Ins. Co., Atlanta, Ga.
 General Fire Assur. Corp., Richmond, Va.
 Georgia Indemnity Association, Atlanta, Ga.
 Georgia Industrial Ins. Co., Atlanta, Ga.
 Germania Fire Ins. Co., Chicago, Ill.
 German Union Ins. Co., Wilmington, Del.
 Great Lakes Fire & Marine Ins. Co., Chicago.
 Great Northern Ins. Co., Chicago, Ill.
 Great Western Underwriters, Chicago, Ill.
 Guardian Ins. Corporation, Norfolk, Va.
 Hartford Ins. Co., South McAlester, I. T.
 Home Ins. Banking & Trust Co., Galveston, Tex.
 Illinois Ins. Co., Chicago, Ill.
 Imperial Ins. Co., of America, Chicago, Ill.
 Inland Fire Ins. Co., of America, Chicago, Ill., and La Porte, Ind.
 International Fire Ins. Co., Chicago.
 Inter-Ocean Fire Ins. Co., Concord, N. H.
 Interstate Ins. Co., Chicago, Ill.
 James River Fire Ins. Co., Richmond.
 Jefferson F. & M. Ins. Co., Richmond, Va.
 Lee Fire Ins. Co., Alexandria, Va.

Lincoln Ins. & Banking Co., Hammond, Ind.
 Manufacturers & Mercantile Ins. Co., Chicago, Ill.
 Mercantile Assurance Co., Wilmington, Del.
 Mercantile F. & M. Ins. Co., Washington, D. C.
 Mercantile Ins. Co., Indianapolis, Ind.
 Merchants Ins. Co., Charleston, W. Va.
 Meroh. & Mfrs. Fire Ins. Co., Dover, Del.
 Meroh. & Mfrs. Ins. Co., Charleston, W. Va.
 Merchants Exchange Fire Ins. Co., Chicago, Ill., and Hammond Ind.
 Merchants Fire Association of America, La Porte, Ind.
 Mutual Ins. & Indust. Co., Chicago (and Del.)
 Mutual Trust & Ins. Co., Dover, Del.
 National Amer. Mfrs. Ins. Co., Durham, N. C.
 National Assur. Corp., Richmond, Va.
 National Fire Ins. Co., of America, Missouri.
 National Ins. Co., Dover, Del., and Oklahoma.
 National Ins. & Investment Co., Dover, Del.
 National Ins. Co., Marion, S. C.
 New State Ins. Co., McAlester, Okla.
 North American Ins. Co., Chicago, Ill.
 Northern Fire Ins. Co., Chicago, Ill.
 Northwestern Fire Ins. Co., Chicago, Ill.
 Ohio Ins. Co., New Albany, Ind.
 Old Dominion Fire Ins. Co. (Inc.), Richmond, Va.
 Olympic F. & M. Ins. Co., Fort Smith, Ark.
 Parkersburg German Ins. Co., Parkersburg, W. Va.
 Peoples Ins. Co., Chicago, Ill.
 Peoples Ins. Co., Chicago and Kenosha, Wis.
 Prairie State Ins. Co., Chicago, Ill.
 Reserve F. & M. Ins. Co., Chicago, Ill., and La Porte, Ind.
 Royal Standard Underwriters, Chicago, Ill.
 Salamander Fire Ins. Co., Washington, D. C.
 Security F. & M. Assur. Co., Washington, D. C.
 South Eastern Fire Ins. Co., Chicago, Ill., and Richmond, Va.
 Southern Fire Ins. Co., Atlanta, Ga.
 Tidewater Fire Ins. Co., Cambridge, Md.
 Union Fire Ins. Co., Chicago, Ill.
 United States Fire & Marine Ins. Co., W. Va.
 Virginia Home Ins. Co., Richmond, Va.
 Wabash Ins. Co., of Indiana, Hammond, Ind.
 Washington Fire Ins. Co., Washington, D. C.
 Western F. & M. Ins. Co., McAlester, Okla.

UNLICENSED FOREIGN FIRE AND MARINE INSURANCE COMPANIES

In the following pages will be found information relating to foreign fire and marine insurance companies which are known or reported to be writing insurance upon American risks, either directly, through brokers, or by reinsurance arrangements with admitted companies, although we believe that none of them is licensed to transact fire or marine insurance in any of the United States. Few of these companies have any funds in this country, aside from premium balances, none of them, we believe, having a deposit with a State insurance department. The statements presented in this division are, therefore, abstracted from the companies' home office reports, which embrace their transactions in all countries. Care should be taken, when purchasing surplus insurance from foreign unadmitted companies, to deal only with those whose American correspondents are reputable and reliable, and who may be depended upon to safeguard, as far as possible, the interests of American policyholders. As it is necessary, in case of the non-payment of a loss by such a company, to sue the company at its home office (unless it voluntarily submits to the jurisdiction of American courts), it is obvious that, even if such a suit is successful, it is likely to prove a long, wearisome and expensive proceeding. In the case of a policy guaranteed by several companies, a separate suit would have to be entered at the home office of each company. Under these circumstances, it is well to insist upon having some prior knowledge not only as to the company's responsibility at home, but also of the ability and willingness of its American correspondent to meet current losses without undue delay or litigation, before accepting the policy of such a company.

AACHEN REINSURANCE COMPANY, Aix-la-Chapelle, Germany.

Managing Director, Frits Schroeder. Organised, 1853.

ASSETS, DECEMBER 31, 1912, \$9,795,839; unearned premiums, \$4,985,556; other reserves, \$1,815,515; capital, \$1,800,000; profit balance, \$328,454; capital paid up, \$450,000.

BUSINESS IN 1913: Premiums, \$2,788,218; total income, \$2,985,080; losses paid, \$1,062,758; management expenses, \$527,122.

REMARKS: This company had a reinsurance arrangement whereby it became interested in risks in the United States, and it was estimated that its share of San Francisco conflagration losses in 1906 reached \$1,000,000. It is at present accepting reinsurance from licensed companies in America.

AGRIPPINA OCEAN, RIVER AND LAND TRANSPORT INSURANCE CO., Köln, Germany.

President, Otto Meurer. Organised, 1844.

ASSETS, DECEMBER 31, 1912: \$2,255,886; unearned premiums, \$456,250; loss reserve, \$509,500; capital authorized, \$750,000; paid-up, \$150,000. Business during 1913, premiums received, \$2,949,455; total income, \$2,986,662; losses paid, \$963,346; expenses, \$254,474.

REMARKS: This company does a reinsurance business in this country through licensed companies. Its dividends for 1911-12-13 were 15, 16 and 16½ per cent.

ANGLO-AMERICAN FIRE INSURANCE COMPANY, Toronto, Can.

President, E. E. H. DuVernet; Secretary and Manager, J. W. Rutherford. Organised, 1899.

ASSETS, DECEMBER 31, 1914, \$544,055 (including uncalled capital); unearned premiums, \$176,012; total liabilities, \$212,804; surplus to policyholders, \$331,251.

BUSINESS DURING 1914: Net premiums, \$288,318; total income, \$257,361; losses paid, \$101,712; expenses, \$90,547; losses incurred, \$130,005.

MISCELLANEOUS: This company has an authorized capital stock of \$1,000,000; \$274,680 of which is subscribed and \$162,760 paid up. The company transacts a surplus line and reinsurance business in the United States through W. L. Pettibone & Co., 31 Clinton st., Newark, N. J.

BADISCHE INSURANCE COMPANY, Mannheim, Germany.

President, Victor Lenz; Vice-President, Dr. Gustav Hohensamer. Organised, 1840.

ASSETS, Dec. 31, 1913.		LIABILITIES, Dec. 31, 1913.	
Stockholders' notes	\$562,500	Prem. and loss res.	\$525,000
Real estate	89,250	Reins. reserve	75,000
Mortgage loans	579,250	Reserve funds	37,500
Investments	323,382	Other reserves	125,000
Debtors	323,049	Creditors	95,148
Cash	111,922	Capital	750,000
Other assets	5,982	Profit balance	126,806
Total	\$1,995,535	Total	\$1,995,535

BUSINESS FOR 1913: Premiums received, \$1,061,948; total income, \$1,105,749; losses paid, \$420,819; commissions, \$96,373; management expenses, \$44,821; reinsurance premiums, \$425,383.

REMARKS: Dividends, 1904, 30%; 1905, 1906, 1907, and 1908, 35%; 1909, 1910, 1911, 1912 and 1913, 45%. This company is understood to be interested to some extent in American risks.

BRITISH DOMINIONS GENERAL INSURANCE COMPANY, LTD., London, Eng.

Secretary J. Gardiner. Organised, 1904.

ASSETS, Dec. 31, 1913.		LIABILITIES, Dec. 31, 1913.	
Investments	£372,124	Reserve fund	£20,000
Cash	82,504	Fire reserve	20,541
Co. & agts. balances	100,960	Investment res.	31,500
Interest	3,973	Losses unpaid	2,398
Policy stamps	816	Unclaimed div.	50
		Marine acct.	225,587
		Capital paid up	250,001
Total	£580,077	Total	£580,077

BUSINESS DURING 1913: Fire and general premiums received, £40,416; marine premiums received, £324,001; total income, £378,177; fire and general losses paid, £22,816; marine losses paid, £262,841; expenses, £47,359; total expenditures, £333,016.

MISCELLANEOUS: This company is transacting a surplus line business on fire risks in the United States through Edward E. Hall & Co., New York.

CENTRAL INSURANCE COMPANY, Ltd., London, Eng.

This company writes surplus lines in this country through Fred S. James & Co., New York and Chicago. Its policies are guaranteed by the Liverpool & London & Globe.

CHINA TRADERS INSURANCE COMPANY, Ltd.

This company has a subscribed capital of \$2,000,000, and a paid-up capital of \$600,000. Its reserve fund amounts to \$857,667

and its accumulated funds to \$3,376,605. It transacts a marine business on the Pacific Coast through licensed brokers.

COLONIAL ASSURANCE COMPANY, Winnipeg, Man.

President, Thomas Wilson; Secretary, John M. Dick. Organised, 1905.

ASSETS, DECEMBER 31, 1913: (Including \$132,350 uncalled balances on stock), \$189,728; liabilities unpaid losses, \$7,144; reinsurance reserve, \$6,926; other liabilities \$657; premiums received during 1913, \$18,396; total income, \$21,763; losses paid, \$21,763; expenses, \$10,764.

REMARKS: The company transacts a surplus line business in the United States through A. L. McCrae, Chicago, Ill. The stockholders, in February, 1911, voted to increase the capital stock from \$250,000 to \$500,000.

COLONIAL MARINE AND FIRE INSURANCE COMPANY, Batavia, Java.

Managing Director, Idr. A. Ploos van Amstel. Organised, 1861.

ASSETS, DEC. 31, 1912.	LIABILITIES, DEC. 31, 1912.
Stockholders' notes..... \$1,080,000	Various reserves..... \$107,976
Agents' balances.... 51,510	Other liabilities..... 15,084
Investments & loans 181,383	Capital..... 1,200,000
Other assets..... 22,492	Profit balance..... 12,374
Total..... \$1,335,384	Total..... \$1,335,384

BUSINESS FOR 1912: Premiums received, \$154,622; total income, \$191,911; losses paid, \$66,876; commissions, \$14,964; management expenses, \$7,318.

REMARKS: This company together with three other companies, all located in Batavia, viz.: the Insulinde, Oosering, and Second Colonial Fire and Marine guarantees the policies of the Holland Underwriters. The company is understood to be writing surplus lines on American risks. Confiscation loss: San Francisco, 1906, \$7,000. See "Holland Underwriters."

CONTINENTAL INSURANCE COMPANY, Mannheim, Germany.

Managing Directors, N. Mühlinghausen and R. Post of the Mannheimer Insurance Company. Organised, 1885.

ASSETS, JUNE 30, 1914.	LIABILITIES, JUNE 30, 1914.
Stockholders' notes. \$468,750	Capital reserve..... \$156,250
Investments..... 276,926	Loss reserve..... 234,066
Mortgage loans..... 328,275	Premium reserve..... 234,361
Cash in bank..... 255,764	Due cos. and agents. 46,168
Agents' balances..... 96,815	Reins. reserve..... 110,213
Other assets..... 100,348	Other liabilities..... 48,514
	Total liabilities... \$831,571
	Capital..... 625,000
	Profit balance..... 72,306
Total..... \$1,528,879	Total..... \$1,528,879

BUSINESS FOR 1914: Net marine premiums received, \$753,659; net fire premiums received, \$10,775; other premiums received, \$10,580; other income, \$23,403; marine losses paid, \$568,718; fire losses paid, \$1,666; other losses paid, \$2,415; commissions, \$109,582.

REMARKS: Paid an average dividend of 13.9% for last 10 years. Company writes marine insurance.

CO-OPERATION INSURANCE COMPANY, Paris, France.

President, Alphonse Gagnault; Directing Manager, M. Cerisola.

This company as of Dec. 31, 1913, had a nominal capital of \$140,000, all of which was subscribed and paid-up. Cash in banks and investments, Dec. 31, 1913, \$95,710.

REMARKS: This company writes surplus line fire risks in this country through A. L. McCrae, Inc., Chicago, and jointly with Le Fonciere de France and des Colonies guarantees the policies of the International Assurance Association.

CORNHILL INSURANCE COMPANY, Ltd., London, Eng.

Managers, Willis Faber & Co., Ltd. Organised, 1905.

ASSETS, DEC. 31, 1913.	LIABILITIES, DEC. 31, 1913.
Investments..... £34,695	Sundry creditors.... £1,425
Cash..... 2,636	Insurance fund..... 25,823
Sundry accounts.... 8,442	Other liabilities..... 925
	General res. acct.... 12,500
	Capital paid up..... 5,000
Total..... £45,673	Total..... £45,673

BUSINESS IN 1913: Premiums (less commissions), £31,566; total income, £32,745; losses paid, £22,602; expenses, £946.

This company commenced business in 1905. It has an authorized capital of £100,000, and is understood to be writing surplus business in this country.

DANUBE (DONAU) INSURANCE COMPANY, Vienna, Austria.

General Director, Dr. Justus Kahler; Secretary, Franz Frauendorfer. Organised, 1867. (Excepting Life Branch.)

ASSETS, DEC. 31, 1913.		LIABILITIES, DEC. 31, 1913.	
Mortgage loans.....	\$6,004,704	Capital reserve.....	\$863,000
Investments.....	1,595,433	Fire reserve.....	864,780
Real estate.....	1,452,230	Life reserve.....	7,973,501
Cash.....	362,912	Other life res.....	480,220
Agents' balances.....	545,766	Loss res. (fire).....	240,785
Due from reins. cos..	259,433	Pension fund.....	462,552
Various assets.....	82,122	Diverse debts.....	224,508
Special assets (life b)	2,013,401	Other liabilities.....	420,854
		Total liabilities.....	\$11,530,200
		Capital.....	600,000
		Profit balance.....	195,801
Total assets.....	\$12,325,001	Total.....	\$12,325,001

Assets of fire branch amount to \$3,696,440.

BUSINESS DURING 1913 (exclusive of life). Premiums received, \$2,131,855; interest income, \$112,907; losses paid, \$1,483,986; expenses, \$668,528.

REMARKS: This company is interested in American risks by reinsurance of admitted companies. It writes life, rent, fire, marine, glass, hail and burglary-theft insurance.

DUSSELDORFER REINSURANCE COMPANY, Dusseldorf, Germany.

ASSETS, DEC. 31, 1913.		LIABILITIES, DEC. 31, 1913.	
Mortgage loans.....	\$58,250	Losses unpaid.....	\$110,081
Bonds and stocks.....	34,007	Unearned premiums.....	232,706
Agts. bal. & due from cos.....	447,428	Due other cos.....	70,837
Cash.....	44,258	Other liabilities.....	3,983
Other assets.....	1,239		
		Total liabilities.....	\$417,687
		Capital (paid-up).....	156,250
		Net surplus.....	11,275
Total assets.....	\$585,181	Total.....	\$585,182

BUSINESS DURING 1913: Net premiums, \$807,537; other income, \$19,374; total income, \$826,911; losses paid, \$464,696; expenses, \$217,735; total expenditures, \$682,431.

MISCELLANEOUS: This company, the home office of which is located in Dusseldorf, Germany, has lately entered the United States for the transaction of surplus line business through Brown Anderson & Young, Inc., Insurance Exchange, Chicago. The company has agreed under contract to always retain a deposit of \$10,000 in one of the strongest banks in Chicago for the protection of American policyholders.

EAGLE FIRE INSURANCE COMPANY, Paris, France.

ASSETS, DEC. 31, 1913: \$2,376,674; fire funds, \$1,070,096; general fund, \$806,678; capital, \$500,000. Net premiums received, during 1912, \$2,386,104; losses paid, \$1,297,319.

REMARKS: This company was organized in 1843 and has a paid-up capital of \$400,000. The company is supposed to be writing surplus line fire risks in the United States.

ECONOMIC MARINE INSURANCE COMPANY, LTD., Great Britain.

This company was organized in 1901 and has a subscribed capital of £250,000, of which £62,500 was paid up. It writes

marine business on the Pacific Coast in the United States through licensed brokers.

ESSEX AND SUFFOLK EQUITABLE INSURANCE SOCIETY, LTD., Colchester, Eng. Established 1802.

Chairman, Wilson Marriage; Secretary and General Manager, S. C. Turner.

The control of this company was obtained by the Atlas of London in 1912 and ending with the year 1912 no further statements are issued to the public. At the close of that year the company's assets amounted to £208,000, its capital paid up was £56,000 and its net fire premium income was £101,693. It transacts a surplus

line business in the United States through Fred S. James & Co. New York and Chicago. Its authorized capital is £800,000; subscribed, £560,000. All policies guaranteed by the Atlas of London. Company now controlled and policies guaranteed by the Atlas of London. No further statement to be issued to public.

EUROPA REINSURANCE COMPANY, Berlin, Germany.

Managing Director, Bernhard Lindner; Deputy Managing Director, Christian Kindt. Organised, 1898.

ASSETS, DEC. 31, 1913.		LIABILITIES, DEC. 31, 1913.	
Stockholders' notes.....	\$750,000	Premium reserve.....	\$689,443
Rea. with assignors.....	384,673	Other reserves.....	356,465
Cash.....	55,086	Due ins. cos.....	278,595
Loans.....	246,500	Other liabilities.....	131,759
Investments.....	559,311	Capital.....	1,000,000
Due from cos.....	470,202	Profit balance.....	50,686
Other assets.....	35,676		
Totals.....	\$2,501,948	Total.....	\$2,501,948

BUSINESS DURING 1913: Premiums received (fire), \$743,556; losses paid (fire) \$509,331; fire commissions and expenses, \$230,109.

REMARKS: The company writes fire, life, marine, burglary accident and liability insurance as reinsurer. Conflagration losses: Baltimore, 1904, \$14,000 San Francisco, 1906, \$2,751.

EXCESS INSURANCE COMPANY, LTD., London, Eng.

Manager, C. E. Heath; Secretary, Ronald E. Hall. Organised, 1894.

ASSETS, DEC. 31, 1914.		LIABILITIES, DEC. 31, 1914.	
Investments.....	\$444,135	Investment res.....	\$44,212
Loans.....	77,000	Reserve fund.....	117,000
Int. in foreign cos.....	35,140	Reins. reserve.....	453,815
Sundry debtors.....	108,796	Sundry creditors.....	52,973
Cash.....	48,057	Capital paid up.....	50,000
Other assets.....	11,391	Profit and loss.....	6,968
Total.....	\$724,509	Total.....	\$724,509

BUSINESS FOR 1914: Net premiums received, £573,348; total income, £603,248; losses paid, £149,878; other expenses, £35,947.

MISCELLANEOUS: This company writes surplus lines in the United States and Canada through Marsh & McLennan, Chicago, and A. F. Shaw & Co., Chicago. Conflagration losses: Baltimore, 1904, \$2,500; Rochester, 1904, \$2,000; San Francisco, 1906, \$50,000.

FINE ART AND GENERAL INSURANCE COMPANY, Ltd., London, Eng.

Chairman, J. M. Macdonald; Secretary and Manager, A. P. Fedden. Organized, 1890.

ASSETS, DEC. 31, 1913.		LIABILITIES, DEC. 31, 1913.	
Investments.....	£340,478	Fire & general fund.....	£200,700
Cash.....	27,159	Losses unpaid.....	22,073
Due from agts. & sundry debtors...	77,310	Employ. li. fund.....	76,866
		Outstanding accts....	28,851
		Capital paid up.....	50,000
		Profit & loss acct....	66,457
Total.....	<u>£444,947</u>	Total.....	<u>£444,947</u>

BUSINESS DURING 1913: Fire and general, net premiums, £126,750; other income, £7,808; losses paid, £66,914; commissions, £7,752; expenses, £31,546.

REMARKS: This company transacts fire, burglary, personal accident, fidelity and employers' liability insurance at home, and writes surplus lines of fire insurance on fire risks in the United States through E. E. Hall & Co., New York.

FIRST BOHEMIAN REINSURANCE BANK OF PRAGUE, Bohemia.

President, Anton Pollak; Director, K. Schollar. Organized, 1872.

ASSETS, DEC. 31, 1913.		LIABILITIES, DEC. 31, 1913.	
Stocks.....	\$1,404,344	Premium reserve.....	\$959,354
Due from cos.....	595,584	Loss reserve.....	434,938
Cash.....	511,206	Due from cos.....	219,769
Other assets.....	265,615	Other reserve.....	194,801
		Other liabilities.....	132,009
		Total liabilities....	<u>\$1,940,871</u>
		Capital.....	750,000
		Profit balance.....	86,378
Totals.....	<u>\$2,777,249</u>	Total.....	<u>\$2,777,249</u>

REMARKS: Company does fire re-insurance business on American risks. Dividends for past ten years average 7%. Conflagration loss: San Francisco, 1906, \$650,000.

LE FONCIER DE FRANCE & DES COLONIES, Paris, France.

As of December 31, 1913, this company had a nominal capital of \$600,000 all subscribed and \$150,000 paid up. Its cash in bank and invested funds on that date were \$72,000. It writes surplus

lines on fire risks in this country through A. L. McCrae, Inc., Chicago, and together with "La Cooperation," Paris, guarantees the policies of the International Assurance Association.

"FORTUNA" GENERAL INSURANCE COMPANY, Berlin, Germany.

Managers, Peter Boxbucken and Ed. Schreiber. Organized, 1868.

ASSETS, DEC. 31, 1913: \$1,148,812 (including \$300,000 stockholders' notes); premium reserve, \$132,500; loss reserve, \$300,000; dividend funds, \$187,500; capital, \$37,500; capital paid up, \$80,000; profit balance, \$58,544.

BUSINESS IN 1913: Net premiums, \$647,899; total income, \$648,972; losses paid, \$476,519; commissions, \$66,590; expenses, \$10,579.

REMARKS: Company writes marine and burglary insurance and is understood to be interested in fire risks in the United States by reinsurance. Dividends, 1904, 20%; 1905, 25%; 1906, 1907, 1908, 1909, 1910, 1911, 1912 and 1913, 30%.

GERMAN RE- AND CO-INSURANCE COMPANY, Berlin, Germany.

Direktor, Heimir Schipmann.

ASSETS, DEC. 31, 1913.		LIABILITIES, DEC. 31, 1913.	
Stockholders' notes.....	\$562,500	Capital reserve.....	\$75,000
Investments.....	280,579	Premium reserve.....	328,305
Mortgage loans.....	342,750	Loss reserve.....	441,908
Real estate.....	140,220	Other liabilities.....	144,993
Cash.....	165,695	Total liabilities....	<u>\$990,206</u>
Due from cos.....	152,814	Capital.....	750,000
Agents balances.....	156,235	Profit balance.....	58,750
Other assets.....	18,163	Total.....	<u>\$1,798,956</u>
Total.....	<u>\$1,798,956</u>	Total.....	<u>\$1,798,956</u>

BUSINESS FOR 1913: Net fire premiums received, \$328,524; marine premium secured, \$625,184; other premiums received, \$3,085; total income, \$993,366; losses paid, \$651,875; commissions, \$153,868.

REMARKS: This company is understood to be transacting a surplus line business on fire risks in the United States.

GLOBUS INSURANCE COMPANY, Hamburg, Germany.

ASSETS, DEC. 31, 1913.		LIABILITIES, DEC. 31, 1913.	
Stockholders' notes.....	\$750,000	Capital.....	\$1,000,000
Stocks and bonds....	308,826	Premium reserve.....	570,235
Collateral loans.....	215,625	Loss reserve.....	640,197
Agents' balances....	241,935	Reserve fund.....	137,250
Real estate.....	469,620	Due other cos.....	54,708
Cash.....	249,322	Other liabilities.....	18,785
Due reins. cos.....	109,164	Profit balance.....	128,616
Other assets.....	144,580		
Total.....	<u>\$2,550,041</u>	Total.....	<u>\$2,550,041</u>

BUSINESS FOR 1911. Net fire premiums received, \$1,103,508, other income, \$63,788; fire losses paid, \$492,490; general expenses; \$212,255.

REMARKS: Company writes fire, burglary and theft, credit and marine insurance. The marine insurance branch has a premium income amounting to about \$1,500,000. The Hansatische General combined with the new Eighth Assurance Company of Hamburg under above title.

GREAT NORTH INSURANCE COMPANY, Calgary, Alta.

This company, which is understood to be writing some surplus lines on United States risks, took over the risks of the Anchor Fire and Marine of Calgary. Its assets aggregated \$63,100 on

Dec. 31, 1912, its paid-up capital having been \$25,605 and its net surplus \$14,598.

GRESHAM FIRE AND ACCIDENT INSURANCE SOCIETY, LTD., London, Eng.

Fire Manager, Thos. Brand Miller.

ASSETS, July 31, 1912.		LIABILITIES, July 31, 1912.	
Investments.....	£159,865	Capital (paid up)...	£200,000
Agents' balances....	14,479	Fire fund.....	9,599
Interest.....	1,655	Other funds.....	30,835
Cash.....	13,488	Losses unpaid.....	4,096
Est. expenses, etc....	63,080	Due reins. cos.....	11,813
Other assets.....	6,377	Other liabilities....	2,600
Total.....	£258,943	Total.....	£258,943

BUSINESS FOR YEAR ENDING JULY 31, 1912: Net fire premiums, £37,713; losses paid, £19,912; commissions and expenses of management, £18,128.

REMARKS: This company was established in 1910 with a subscribed capital of £300,000, of which £200,000 was paid up. It is transacting a surplus line business in the United States through Fred S. James & Co., New York and Chicago.

GUARDIAN ASSURANCE COMPANY, LTD., London, Eng.

Chairman, Evelyn Hubbard; Manager of Fire Dept., A. J. Relton.

This company does a fire reinsurance business in the United States through licensed companies. Assets, Dec. 31, 1913 (all branches), amounted to £7,169,277; of which, £1,176,554 was accredited to the fire branch; the fire branch reserve, £835,300, and the total credited to profit and loss was £131,428. Its authorized

capital is £2,000,000, all of which is subscribed, and £1,000,000 paid in. The net fire premiums received in 1913 were £615,690; net fire losses, £343,687; expenses, £219,386; fire funds, exclusive of paid up capital, £828,350. The Guardian formerly was licensed to transact a fire business in the U. S.

HAMBURG UNDERWRITERS, Hamburg, Germany.

This association, representing a strong Hamburg combination, is interested to some extent in American risks by way of reinsurance of licensed companies.

HEARTS OF OAK LIFE AND GENERAL ASSURANCE COMPANY, LTD., London, Eng.

Chairman, Wm. Garland; Secretary and Manager, S. R. Whiting. Organised, 1903.

ASSETS, JUNE 31, 1912: £160,656; liabilities (except capital), £64,917; shareholders' capital, £121,575; capital paid up, £33,401; profit and loss account, £7,842; unpaid fire losses, £8,003. Business during year ending June 30, 1912 (fire only): Net premiums, £18,583; total income, £18,707; losses paid, £22,021, commissions and expenses, £14,430.

REMARKS: This company was established in 1903 with an authorized capital of £150,000. In Europe, the company transacts life, fire, burglary, mortgage, fidelity and plate glass insurance. The company is understood to be writing surplus lines on American risks.

INDEMNITY ASSOCIATION, LTD., London, Eng.

Managing Director, P. G. Hamilton Carvill.

This company was established in 1903 with £5,000 capital, which was increased to £100,000 capital in 1907. Its subscribed

capital is £45,000, of which £33,800 is paid up. It writes some surplus lines on United States risks.

INDUSTRIELLE MUTUAL INSURANCE SOCIETY, Paris, France.

This is a mutual fire insurance society, founded in 1904, and has a capital of 200,000 francs. It is understood to be writing surplus lines of fire insurance on American property.

INTERNATIONAL ASSURANCE ASSOCIATION, Paris, France.

This is an underwriters' organisation whose policies are guaranteed by "Le Foncier de France and Des Colonies," Paris, and "La Cooperation," Paris, which sec. A. L. McCrae, 175 West

Jackson Blvd., Chicago, Ill., represents them for surplus lines in this country.

ITALIAN FIRE AND MARINE INSURANCE COMPANY, Turin, Italy.

Director, Domenico Gambetta. Organised, 1883.

ASSETS, DEC. 31, 1912.		LIABILITIES, DEC. 31, 1912.	
Stockholders' notes..	\$1,280,000	Premium reserve...	\$80,285
Real estate.....	553,200	Due reins. cos.....	164,473
Bonds and stocks....	434,121	Loss reserves.....	198,362
Cash in banks.....	154,799	Reserve fund.....	400,000
Agents' balances....	232,342	Other liabilities....	270,049
Other assets.....	158,202	Total liabilities....	\$1,112,959
		Capital.....	1,600,000
		Profit balance.....	99,705
Total.....	\$2,812,664	Total.....	\$2,812,664

BUSINESS FOR 1912: Premiums received, \$372,569; total income, \$423,297; losses paid, \$264,345; commissions and offices expenses, \$49,774.

REMARKS: It is understood that this company writes surplus lines on American and Canadian risks.

ITALIANA INSURANCE COMPANY, Genoa, Italy.

Managing Director, Zaccaria Oberti. Organised, 1906.

ASSETS: Per latest obtainable statement amounted to \$1,222,061. Total liabilities, except capital, \$1,220,061; capital, \$1,000,000; profit balance, \$7,453.

BUSINESS IN 1910: Net premiums, \$736,545; losses paid \$606,466.

REMARKS: This company transacts a surplus line business in the Western States and Canada.

LANCASHIRE & CHESHIRE INSURANCE CORPORATION, Ltd., Liverpool, Eng.

Joint Managing Directors, W. Arthur Jones, R. Ferguson; Secretary, T. Leigh. Established 1904.

This company was established in 1904, with an authorised capital of £100,000. It is understood to be writing surplus lines on fire risks in the United States through a Chicago broker.

LAW ACCIDENT INSURANCE SOCIETY, Ltd., London, Eng.

Managing Director, F. W. Pascoe Rutter.

This company is understood to be writing floaters for jewelers in this country, covering fire, theft, transportation, etc. It was

established in 1892, and has an authorised capital of £500,000, subscribed, £300,000 and paid-up, £50,000.

LAW, FIDELITY AND GENERAL INSURANCE CORPORATION, Ltd., London, Eng.

Managing Director, F. Norie Miller. Organised, 1891.

REMARKS: This company was previously known as the Law Investment and Insurance Corporation. It was established in 1891, and has an authorised capital of £969,584; subscribed, £72,086; and paid-up capital, £27,323. It transacts accident, burglary, employers' liability, and other branches of insurance at

home, and is understood to write surplus lines of fire insurance in the United States. F. Norie Miller, the managing director, is also manager of the General Accident of Perth. Conflagration loss: Baltimore, 1904, \$7,000.

LEGAL INSURANCE COMPANY, Ltd., London, Eng.

General Manager and Secretary, J. M. Ewing.

ASSETS, Dec. 31, 1913.		LIABILITIES, Dec. 31, 1913.	
Investments.....	£81,534	Claims outstanding.....	£28,619
Agents' balances.....	42,067	Reins. reserve.....	39,977
Due from cos.....	30,348	Other liabilities.....	28,071
Purchase of good-will (profits dept.).....	35,000	Due reins. cos.....	20,765
Dep. with reins. cos.....	28,929	Capital paid up.....	100,000
Cash.....	12,615		
Other assets.....	8,941		
Total.....	£217,433	Total.....	£217,433

BUSINESS IN 1913: Net premiums, £190,735; total income, £192,898; losses paid, £106,716; commissions, £35,008; expenses, £41,268.

REMARKS: The Legal transacts a surplus line business in this country through Fred S. James & Co., New York and Chicago.

LLOYD'S, London, Eng.

Organised, 1726. Secretary, Rear-Admiral Edward Fitzmaurice Ingfield.

Lloyd's is an association of underwriters in the City of London. Its name is derived from a Coffee House kept by Edward Lloyd in Tower st. in the 17th century, where underwriters met to transact business. In 1692 Lloyd's Coffee House was removed from Tower st. to Lombard st.; and in 1774 Lloyd's left the Coffee House in Lombard st. for premises in the Royal Exchange, where it has since remained. The war, which lasted from 1776 with but short pauses till 1815, tended to attract marine insurance to Great Britain from all parts of the world, and raised Lloyd's to the high position it has since held.

In 1810, parliament appointed a committee to inquire into the affairs of the institution. From this inquiry Lloyd's emerged with credit, and has continued to assist in the promotion of every measure which might aid in the preservation of life at sea, the prevention of fraud in connection with marine insurance, and the rapid collection and distribution of maritime intelligence.

In 1871, Lloyd's was incorporated by act of parliament; but does not, as a corporation, undertake insurance business. This is conducted solely by its members on their own account; and so long as they conform to the rules of the society, they are free to follow their individual views. Lloyd's is, in fact, a great market for insurance. Candidates for election as members are required to satisfy the committee as to their means, and in all cases to deposit in the names of trustees a sum of not less than £5,000, as additional security for liabilities incurred on account of marine and transport risks. The aggregate amount thus placed at the dis-

posal of the committee of Lloyd's is very large, but in no way represents the total capital possessed by the Underwriting Members of Lloyd's. The committee have also recently adopted a system under which a separate guarantee, applicable only to claims on fire policies, and other policies not covering marine and transport risks, is required from members on their admission, and members who engage in such business, and who were elected before the adoption of this system, have generally furnished similar security. A system has also been instituted under which all underwriting monies are held in trust for underwriting purposes only, and underwriters' accounts are annually audited by approved accountants, who certify as to the solvency of the underwriter. The business of Lloyd's as a corporation, and of the committee as its executive, is to conduct the affairs of Lloyd's in its corporate capacity, and to guard, as trustees, the corporate funds and property.

Lloyd's is also an immense organisation for the collection and distribution of marine intelligence, which is published daily in "Lloyd's List." This paper, originally established in 1696 as "Lloyd's News," dates from 1726, and is the oldest newspaper in Europe, with the exception of the "London Gazette." The intelligence department has developed continually under the influence of steam and electricity, and this process keeps pace with the opening of new ports and the increased means of communication. The information is supplied by Lloyd's agents on every coast in the world, who, in written lists, or by telegram,

LLOYD'S, London, Eng.—Continued.

report the arrival and departure of, and casualties to, vessels within their districts. In this connection the value of Lloyd's Signal Stations is very great, not only to underwriters, but also to merchants and shipowners, as it is frequently an advantage that a vessel should be intercepted off the coast and ordered to its port of destination. Shipowners in this way often have the earliest intimation of the arrival of their ships. Vessels arriving off outlying signal stations often bring important intelligence as to derelicts and wrecks passed on their voyages, as well as information of vessels in distress requiring assistance, and overdue vessels arriving on long voyages are reported at these stations. Not one vessel in ten, bound to ports in the United Kingdom from distant ports, arrives at her terminal port without first being reported from one of Lloyd's signal stations. At some of these stations wireless telegraphy apparatus has been installed. The corporation of Lloyd's now holds a similar position with regard to signal stations to that occupied by the corporation of the Trinity House with regard to lighthouses. These valuable aids in the preservation of life and property are one of the latest developments of the corporation.

Recent English legislation requires all underwriters as well as insurance companies transacting such business to provide security for various classes of insurance, such as life, fire, accident, employers' liability and bond investment.

The Assurance Companies Act, 1909, relates to these classes of insurance, and although the Act did not begin to operate until July 1, 1910, the majority of Underwriters at Lloyd's had already complied with its requirements before that date, and for some years past have provided such security as is now legally necessary in connection with the class of business they transact.

The Employers' Liability (insurance companies) Act, 1907 which went into operation on January 1, 1908, provides that every underwriter shall deposit and keep deposited, in such manner as the Board of Trade may direct, a sum of £2,000, and, further, that when the business transacted exceeds this amount, the underwriter must increase the security correspondingly, and furnish accounts annually to the Board of Trade exactly in the same manner as the companies transacting similar business. This deposit has been provided by all members of Lloyd's who engage in this class of insurance business.

By these Acts Lloyd's is recognised by the Board of Trade as a regular market for fire and other non-marine insurance business, and the fact of such recognition is regarded as a guarantee of the soundness of the business transacted at Lloyd's.

Various groups of Lloyd's underwriters accept fire insurance risks in the United States through different brokerage houses in the United States. Claims under such policies are usually settled without difficulty, although if suit should become necessary, each underwriter would have to be sued in the English courts, unless all should agree to abide by the decision of the suit against a single underwriter, which is the annual custom. Policies written by Lloyd's underwriters upon American risks generally contain a warranty that some specified company carries a given line on the same risk at the same rate and in the same form. Property owners in the United States who accept Lloyd's policies should therefore be careful to see that all warranties in such policies are properly observed.

The form of fire policies used by Lloyd's underwriters is as follows:

"LLOYD'S FIRE POLICY.
FOR SIGNATURE BY UNDERWRITING MEMBERS OF LLOYD'S ONLY.

BE IT KNOWN THAT

paid Premium or Consideration
To Us, who have hereunto subscribed our Names to Insure from
Loss or Damage by Fire.
Fire Policy.

L

From the day of
To the day of

NOW KNOW YE, that we the insurers do hereby bind ourselves, each for his own Part, and not One for Another, our Heirs, Executors, Administrators and Assigns, to pay and make good to the said Assured, his or her Heirs, Executors, Administrators and Assigns, all such Damage and Loss by Fire, within seven days after such loss is proved; and that in proportion to the several sums by each of each subscribed against our respective Names, not exceeding the respective Sums aforesaid; as may happen to the subject matter of this insurance, or any part thereof, during the continuance of this policy.

No claim to attach to this Policy for Insurrection, Riots, Civil Commotion or Military or Usurped power.

If the assured shall make any claim knowing the same to be false or fraudulent as regards amount or otherwise, this Policy shall become void, and all claim thereunder shall be forfeited.

IN WITNESS whereof We have subscribed our Names and Sums of Money by us Insured.

Dated in London, the Day of
One Thousand Nine Hundred and

A considerable number of insurance brokerage firms in New York and Chicago have heretofore had arrangements with various groups of underwriters at Lloyd's, London, whereby they could procure insurance upon American risks, but it is understood that some of such arrangements have been altered or terminated, so that at the time this page went to press it was not feasible to present a list of brokers through whom insurance at Lloyd's, London, could be procured.

Confagration losses: Baltimore, 1904, \$147,500; San Francisco, 1906, estimated, \$3,000,000 (all underwriters).

As bogus Lloyd's, London, policies have been offered in this country, care should be taken to deal only with reliable houses when procuring such insurance.

The State Insurance Department of Illinois requires various groups of underwriters licensed in that State to file, as a part of their annual statements, data concerning their entire business in the United States, together with a certificate from the proper official of the Board of Trade in London, England, to the effect that each group has complied with the laws of the United Kingdom governing such Lloyd's associations.

Brokers accepting surplus line risks in the U. S. through Lloyds of London: Starkweather & Shepley, Inc., Providence, R. I.; R. W. Hosmer & Co., Chicago, Ill.; Rollins, Burdick & Hunter Co., Chicago, Ill.; Weed & Kennedy, New York City; Marsh & McLennan, Chicago, Ill.; A. F. Shaw & Co., Chicago, Ill.; F. R. Thompson, Chicago, Ill.; Chas. Brock-Jones & Co., Chicago, Ill.; C. P. Wurts, Chicago, Ill.; Critchell, Miller, Whitney & Barbour, Chicago, Ill.; Fred S. James & Co., New York and Chicago, Ill.; A. T. Graham, Chicago; Henry J. and Frederick O'Brien, Chicago.

MEMBERS OF VARIOUS GROUPS OF UNDERWRITERS AT LLOYDS (May 2, 1915).

E. E. Adams.

E. E. Adams.

S. A. Gregory.

Henry Bacon.

Arthur Serena.

L. S. Denny.

A. Fownall.

E. E. Adams.

Ernest E. Adams

S. J. Aubrey.

(See R. D. Deman & R. Todd)

C. F. Beadell.

Charles F. Beadell

Sir E. Beauchamp, Bart.,

M. P., and or W. B. Rouse

Edward Beauchamp

S. Lee-Smith

W. B. Rouse

M. H. Hughes

C. F. Leach

C. G. L. Cator.

H. L. Boyd.

J. Boyd Miller.

Stanley F. Williams.

William Sidney

Sir Raymond Beck

Raymond Beck

D. E. Mackintosh

E. T. S. Dugdale

F. K. Hodgson

Gilbert F. Beck

Sir Raymond Beck.

B. G. C. Morice.

Raymond Beck

A. Bevington.

A. Bevington.

H. C. Haslam

K. G. R. Vaisey

J. E. Gunning

A. E. Price

A. de H. Bevington.

J. A. Reeves.

A. Bevington.

H. B. Foster.

Bland Welch & Co. (A. G.

Welch.)

R. H. Holman

S. H. Fawell

W. A. Lindsay.

D. M. Colman.

J. Colman.

A. G. Welch.

A. W. Blashfield.

E. P. Nicholls.

C. C. Blogg.

Cecil C. Blogg.

Henry Kessler.

Edward Kessler.

W. H. Eekersley.

H. P. Goodbody.

Louis Rivett.

Rotherham.

A. H. Dixon.

P. Eekersley.

John H. Hayes.

A. D. Hanbury.

E. C. Buent.

Harold S. Price.

Sir F. Bolton.

F. Bolton.

J. H. Glover.

G. W. Pearce.

W. W. Mann.

F. W. Bolton.

E. W. Glover

P. B. Ingham

L. H. Bolton

S. A. Boulton.

G. W. Tyser

J. H. Morrison.

H. W. P. Hoakyna.

W. P. Tyser.

S. A. Boulton.

A. Methuen.

Hugh Tyser.

C. Bathurst.

F. W. Clark.

P. K. F. Foot.

W. M. Young.

F. H. Bonham-Carter.

Denys Franks.

R. E. Morrison.

W. J. Bouring.

F. C. Bowring.

E. B. Toma.

F. B. Toma.

D. W. T. Cargill.

R. C. Baker.

E. R. Bowring.

W. A. Bradford and or A. D.

Bradford.

W. Arthur Bradford.

Arthur D. Bradford.

LLOYD'S, London, Eng.—Continued.

Henry Bradford.
W. K. Danby.
G. Dakon Hardy.
Henry Corner.
Neville O. Duke.
A. L. Princep.
A. C. Chapman.

A. C. Brown.
A. C. Brown.
A. J. Melhuish.
G. R. Maltby.
W. M. Strachan.
J. P. Reid.
R. A. Shattock.
H. C. Humphrey.
G. F. Brown.

R. H. Russell.
H. C. Scott.
R. H. Russell.
G. W. Thomas.
Arthur Munt.
Joseph Benson.
P. D. Durtell.

G. C. Catlin (see C. E. Heath)

A. C. Chapman.
William H. Dolphin.
Gustav Besoky.
C. Osborne Reins.
T. Hammond Wells.
Herbert W. Symondson.
Leon S. Denay.

A. C. Chapman.
Asheton Pownall.
Harold N. Miller.
Arthur Serona.
Ernest E. Adams.
Neville O. Duke.
Arthur D. Bradford.

A. C. Chapman.
Henry Bacon.
Stuart W. G. Tringham.
Henry A. G. Sprigg.
Henry Bradford.
Henry G. Poland.
A. Cecil Chapman.

A. C. Chapman.
R. Holdsworth Williams.
W. Frederick Williams.
Robert Lynch-White.
Herbert S. Lynch-White.
Frank N. Lynch-White.

A. C. Chapman.
W. H. Dolphin.
A. C. Chapman.

A. F. Charlesworth.
A. F. Charlesworth.
Hubert C. Leigh.
F. des Voeux.
G. J. W. Noble.
R. Graham Murray.
W. Burton Stewart.

Chioy, de Rougemont & Co.,
Ltd.
E. F. de Rougemont.

Chioy, de Rougemont & Co.,
Ltd.
D. R. Bellamy.

J. L. Crawford (see C. E.
Heath).

Crowley, Blunt & Co., Ltd.
F. W. Harris.
H. Ernest Crawley.
F. E. Dixon.

W. Crocker.
Weston Crocker.
Ernest Stanier.
A. R. Mountain.
Norman Deakin.
J. B. Richardson.

H. G. De Costa.
H. G. De Costa.
W. F. Turner.
Ernest English.
A. W. Young.
H. W. Young.

H. G. De Costa.
H. G. De Costa.
W. F. Turner.
Ernest English.
H. B. Cresswell.

A. H. Damant.
P. W. Richardson.
R. D. Denman.
E. S. Holman.
A. H. Damant.

E. Deane.
Edmund Deane.
Albert A. Elliott.
Edward J. M. Lumb.
Malcolm Campbell.

R. D. Denman and or S. J.

Aubrey.
R. D. Denman.
H. Holman.
P. W. Richardson.
H. B. Cresswell.
F. V. Enthoven.
K. G. R. Vaisey.
W. S. Coles.
S. J. Aubrey.

R. D. Denman and or S. J.

Aubrey.
W. H. Cumming.
J. A. Reeves.
R. D. Denman.

N. Dixey (see J. S. Satterth-
waite).

J. E. Duder.
J. E. Duder.
H. W. Aston.
F. Elliot Smith.
A. P. Banting.
W. Faber.

H. W. Edmunds.
H. W. Edmunds.
W. F. Miller.
W. E. King.
B. N. L. Whitesway.
Percy Woods.
F. W. Dilke.

Bernard Elliott.
Alexr. E. J. Reins.

G. J. Emanuel.
G. J. Emanuel.

H. L. Faber.
Alfred Faber.
A. C. Allan.
A. J. Hobson.
F. E. Vincent.
H. Elliot-Smith.
H. J. Paterson.
B. Hobson.
W. Hobson.
W. C. S. Uppleby.
A. F. Hobson.
H. L. Faber.

Walter Faber.
Walter Faber.
D. L. Poole.
T. B. Bowring.
J. B. Wimbie.
W. E. Hargreaves.
P. Hargreaves.
Norman Secretan.
Edmund Deane.
Malcolm Campbell.
A. F. Charlesworth.

B. E. Fleming.
G. W. Frisby.
B. R. Fleming.
J. C. Bannerman.
W. M. Grove.
D. G. Fleming, Junr.
P. G. Yorks.

B. E. Fleming.
B. R. Fleming.
J. C. Bannerman.
G. W. Frisby.
W. M. Grove.

J. Fleming.
John Fleming.

S. G. Fletcher.
F. S. Isaac.
H. A. V. Bonnin.
J. P. Head.
K. W. Stone.
A. E. Birmingham.

Henry Forbes.
H. Kenneth.
J. Turton Wright.
L. R. M. Rate.
H. S. Price.
J. S. Brander.
R. C. V. de Wesselow.
Henry Forbes.

James Forbes.
James Forbes.
H. A. Hoare.
Geoffrey Head.
H. Bernard Calkin.
E. Steane Price.
Thomas Forbes.
Arthur Forbes.
A. G. Anderson.
K. S. Anderson.
T. L. Forbes.

Lawrence Forbes.
Lawrence Forbes.
L. J. Friedladner.
Frederick D. Heath.
A. Steane Price.
N. A. Charrington.
Sidney J. Hoss.

W. E. Found.
W. E. Found.
C. P. Attenborough.
E. M. H. Raynsford.
F. T. Stowe.
E. S. Dawes.
Ceol Kennard.
J. K. Foster.
Hyde H. A. Kennard.
J. F. Anderson.
A. B. Bathurst.

Glanvill, Enthoven & Co.
M. B. Davie.
Philip Scott.
Bernard Franklin-Adams.
Francis A. Holman.
Arthur Gammidge.
A. Stuart Black.
Edmund Vallance.
E. J. Enthoven.
G. Fortescue.

Glanvill, Enthoven & Co.
P. C. Mordan.
E. Vallance.
F. V. Enthoven.
B. A. Glanvill.
L. D. Looker.

Glanvill, Enthoven & Co.
Arthur Gammidge.

F. Hall, M. P.
F. Rogerson.
F. Hall.
H. S. Mountain.
F. C. Previte.

W. F. Hanley.
Francis W. Chaine.
Albert V. F. Seymour.
Guy B. C. Howard.

P. Hargreaves.
T. B. Bowring.
J. B. Wimbie.
G. B. Hunter.
A. F. Haslam.
S. J. Townesod.
Harold Jowers.
W. J. French.
E. Stevenson.
W. E. Hargreaves.
P. Hargreaves.

J. P. Harris.
J. P. Harris.

A. S. Harrison.
A. S. Harrison.
E. H. Loneragan.
D. McCance.
J. F. Gillman.
F. T. Gilliat.

R. K. Harrison.
R. K. Harrison.
S. K. Reid.
E. H. J. Horne.
A. Constanduros.
H. F. V. Oldham-Vilmet.

James Hartley, Cooper & Co.,
Ltd. (S. Wishart).

E. E. Cooper.
S. Wishart.
Pirrie.
G. B. White.
Knutson.
F. R. Russell.
V. A. Walker.
B. G. Beer.
W. S. Smith.
A. D'Ambrumenil.
H. E. B. Smith.
C. B. Brill.
H. Garratt.
C. B. Levita.
W. Cooper.
N. A. Kayll.

Joe. Hartley, Cooper & Co.,
Ltd. (S. Wishart).
W. S. Smith and or
S. Wishart.

R. E. Harvey.
R. E. Harvey.

Harvey Trinder & Co., (O.
B. Trinder).
O. B. Trinder.
P. D'Ambrumenil.
Maurice Gill.

H. Head & Co., Ltd. (C. E.
Heath).

Albert A. Head.
Malcolm A. Laing.
Gilbert F. Beck.
Thos. L. Devitt.
George Heath.
Cuthbert E. Heath.
Harry Holmes.
Charles Wright.
Geoffrey Head.
H. Bernard Calkin.
Frederick N. Large.
Lawrence Wright.
Gilbert C. Felos.
Douglas W. Clarke.
J. Alban Head.
James F. McBride.
Stephenson R. Clarke.
Cyril Wintle.
Walter S. McBride.

LLOYD'S, London, Eng.—Continued

C. E. Heath.
E. W. Richardson.
A. J. Richardson.
B. H. Foulger.
H. Munt.
W. J. H. Brodriek.
J. M. Casanova.
E. E. Levianaky.
Home Gordon.
A. J. L. Ciruitt.

C. E. Heath.
Percy Woods.
J. O. Sillem.
F. W. Dilke.
Howard Jones.
A. W. Petrocchino.
Frederick D. Heath.

C. E. Heath.
J. L. Crawford.
W. A. Thompson.
H. G. Sicklemore.
C. F. Mirandolle.

C. E. Heath.
G. C. Cattlin.
H. C. Haslam.
A. P. Banting.
P. B. Ingham.

C. E. Heath.
N. Lubbock.
J. C. Stevens.
A. C. Cory-Wright.
J. A. N. Booker.
D. Cory-Wright.
A. E. Greenwall.
S. B. Peach.
H. C. B. Underdown.
J. W. Bowen.
H. Sedgwick.

C. E. Heath.
C. E. Heath.
J. S. Follett.
G. Heath.
A. D. Whatman.
A. Burns.
M. Evans.

C. E. Heath.
Harry Holmes.
Thomas L. Devitt.
Cuthbert E. Heath.
George Heath.
Cyril Wintle.
Gilbert F. Beck.
Carleton F. Tufnell.
Stephenson R. Clarke.
Douglas W. Clarke.
J. Cecil Wray.
Thos. W. Noad.
Walter H. Savill.
James F. W. Burness.
H. Ernest Crawley.

C. E. Heath.
H. B. Hill.

C. A. Hewitt.
C. A. Hewitt.

E. Hicks.
Edward Hicks.
Norman E. Lamplough.
J. Cecil Wray.
Henry E. Crawley.
Walter H. Savill.
Francis H. Walker.
William J. L. Davies.
Laurence L. Savill.
Thomas W. Noad.
Norman P. Fenwick.
Andrew C. Shankland.
James F. W. Burness.
Philip D'Ambrunail.
H. Guyles Chester.
S. E. Higgins.
S. E. Higgins.

Wm. Hoade.
Wm. Hoade.

E. H. Strong.
J. Atkins.
F. V. Enthoven.
N. A. Kayll.
F. E. L. Roberts.
W. H. Cumming.
G. U. Price.
O. B. Trinder.
D. G. Ellis.
H. P. Atkins.
R. W. Hoade.

Holmwood & Holmwood, Ltd.
Thomas D. Holmwood.
Ernest Holmwood.

Percy Janson.
Percy Janson.
F. Barkworth.
E. F. de Rougemont.
Donald MacGregor.
A. H. Henderson.
E. W. Janson.
C. W. Janson.
E. Rickards.
T. O. Lloyd.
J. Moenthal.
Frank E. Dixon.

E. Johnston.
Ernest Johnston.

E. S. Lamplough.
W. Lamplough.
E. S. Lamplough.

F. N. Large.
Albert A. Head.
Malcolm A. Laing.
Charles Wright.
Frederick N. Large.
Lawrence Wright.
Edward W. Dillon.
J. Alban Head.
Douglas W. Clarke.
Vere Chaplin.
Basil E. P. Gregg.
Charles W. Harrison.
E. Lynton Large.

Leslie & Godwin, Ltd.
John Godwin.

Leslie & Godwin, Ltd.
A. D. Hanbury.
D. A. Kinloch.
W. H. Leslie.
John Godwin.
H. W. E. Leslie.
G. E. Muers.

Leslie & Godwin, Ltd.
W. H. Leslie.
A. D. Hanbury.
D. A. Kinloch.
H. W. E. Leslie.
G. E. Muers.

Sir J. H. Luscombe.
J. H. Luscombe.
John Rutherford.
W. C. Harrild.
A. G. Dalgaty.
H. L. Beale.
D. A. Luscombe.
Alfred Luscombe.
Norman Secretan.
Fred'k. A. Coe.

H. S. Lynch-White.
H. S. Lynch-White.
W. F. Williams.
R. Holdsworth Williams.
R. Lynch-White.

H. S. Lynch-White.
H. S. Lynch-White.

J. A. Lyon.
R. Rait.

P. G. Mackinnon.
P. G. Mackinnon.
Frank Locket.
A. R. Collins.
Guy G. Gold.
R. N. Roxby.
Lewin G. Howe.
N. Mackinnon.
N. S. Rouae.
Maurice Gill.

R. G. MacMillan.
Charles E. Green.
Richard H. Green.
R. G. MacMillan.
H. W. Murray.
I. C. MacMillan.
Francis S. Hay.
Gerald S. Hoole.
E. M. Slaughter.

W. S. McBride.
J. F. McBride.
W. S. McBride.
W. P. Wild.
R. B. Schofield.
P. E. B. Wodehouse.

F. W. Marten.
F. W. Marten.
C. V. E. Laurie.
Cecil E. Laurie.
J. A. McIntyre.
C. T. Milburn.
I. King.
J. A. Roxburgh.
L. H. Marten.
T. J. Wynn.

F. W. Marten.
F. W. Marten.

S. A. Mascock.
Henry N. Mathews.
A. W. Street.
A. G. Pembroke.
A. Senana.
A. E. Roberts.
Reginald H. Blackburn.
Oscar W. Street.
Leopold C. Stewart.
Edmund A. Street.
L. S. Jones.
J. W. Thomson.
E. A. R. Blackburn.

A. Mathews.
F. Hall.
F. Rogerson.
F. C. Frevite.
James Gibbs.
G. Simmons.
R. J. Hamilton.
A. B. Dick-Cleland.
S. B. Winch.
T. Richards.
C. S. Knight.
F. G. Hall.
G. E. Ryan.
S. W. Mountain.
H. S. Mountain.
H. N. Miller.
H. N. Miller.

Morgan Lyons & Co. (H. E. Lyons).
N. B. Perkins.
H. E. Lyons.
G. J. Morgan.

E. C. Mumford.
E. C. Mumford.
W. Wathen-Bartlett.
W. Cowland.
Walter C. Hale.
John Churchill.
A. H. Benson.
John Wood.
William de Falbe.
B. G. C. Morice.
J. G. Abbott.
J. R. B. Balfour.

E. Murton.
Ernest Murton.
H. W. Marshall.

F. A. Nicholl.
E. K. Wilson.
W. L. Calkin.
Walter Cutforth.
Samuel Cutforth.
Arthur T. Marson.

H. A. Nicholls.
F. W. Bolton.
L. H. Bolton.
H. E. de Rougemont.
F. W. Hobbs.
G. U. Price.

T. A. Nicholls.
T. A. Nicholls.
(See also F. L. P. Secretan & Co.)

A. J. Norman.
C. A. Hampton.
B. N. L. Whiteaway.

E. Ollivant.
E. Ollivant.
V. L. Evans.

Lawrence Phillips & Co., Ltd.
H. E. Diamond.
P. E. Haldinstein.
G. de St. C. Rollo.
L. R. Phillips.
O. Mowatt.
S. D. Hollingsworth.
H. R. Munday.

Lawrence Phillips & Co., Ltd.
T. D. S. Cunningham.
H. E. Diamond.
P. E. Haldinstein.
L. R. Phillips.
G. de St. C. Rollo.

Pitman & Deane, Ltd. (A. F. Charlesworth).
A. F. Charlesworth.
R. Graham Murray.

H. G. Poland.
H. G. Poland.
A. Hieck.
J. G. Valzey.
S. M. Poland.
H. Hayman.
F. N. Lynch-White.
R. W. Vick, Junr.
C. A. Shepherd.
C. A. Hampton.
E. C. Bambridge.
E. H. Poland.

H. G. Poland.
H. G. Poland.
H. S. Lynch-White.
F. N. Lynch-White.
E. H. Poland.

A. H. Poole.
A. H. Poole.
G. T. Henderson.
J. E. Gorton.
S. Thompson.
F. G. Beaden.
Dudley Thorp.
J. R. Campbell.
H. R. Yorke.
B. L. Thorp.

D. L. Poole.
Donald L. Poole.

F. G. A. Povah.
Fred'k. G. A. Povah.
John Povah.

LLOYD'S, London, Eng.—Continued

Price, Forbes & Co., Ltd.

E. Steane Price.
F. W. Marten.
Philip Scott.
L. H. Marten.
Cecil C. Blogg.
James Forbes.
E. C. Mumford.
E. E. Adams.
Edward Hicks.
H. A. Hoare.
Henry Forbes.
Frank Locket.
Levin G. Howe.
P. G. Mackinnon.
Norman E. Lamplough.
H. Bernard Calkin.
Lawrence Forbes.
Ernest Johnston.
Frederick G. Beaden.
Arnold Henry Poole.
Harry Kenneth.
H. W. Symondson.
Fredk. N. Large.
Arthur Ross Collins.
Guy Golbey Gold.
H. N. Miller.
Stanley F. Williams.
Thomas Forbes.

Price, Forbes & Co., Ltd.

D. G. Ellis.
E. E. St. Quintin.
H. G. Chester.
Francis H. Walker.
William J. L. Davies.
Arthur Forbes.
William de Falbe.
B. G. C. Morice.
Herbert Steane Price.
L. J. Friedlander.
C. F. Beadell.
J. S. Brander.
Lachlan R. M. Rait.
Thomas Lawrence Forbes.
Norman Mackinnon.
B. E. P. Gregg.
Arthur Steane Price.
E. L. Large.
R. F. A. Riscoo.

Price, Forbes & Co., Ltd.

Thomas Forbes.
E. Steane Price.
Levin G. Howe.
D. G. Ellis.

E. R. Pulbrook.

H. J. P. Dumas.
A. E. Fox.
H. S. Saunders.
John Maitland.
H. F. Hepburn.
D. F. Hepburn.
A. M. Murray.

E. W. Richardson (see C. E. Heath).

H. Ridgers.
L. C. Wakefield.
M. R. Pryor.
F. R. Pryor.
J. T. Cotesworth.
H. Ridgers.
R. Ridgers.
H. Simon.
J. A. Roddick.

C. I. de Rougemont.

C. I. de Rougemont.
G. H. Valentine.
J. E. Barkworth.
R. C. H. Sinclair.

Percy Mordan.

D. R. Bellamy.
B. A. Glanvill.
A. Lasenby.
Leonard D. Looker.

C. I. de Rougemont.

C. I. de Rougemont.

H. de Rougemont.

Herbert de Rougemont.
H. E. de Rougemont.

J. S. Satterthwaite and or N. Dixey.

J. S. Satterthwaite.
Herbert Fitch.
H. F. S. Pryke.

E. E. St. Quintin.

E. E. St. Quintin.
F. S. St. Quintin.
G. Skipwith.
R. A. Tatton.
F. W. Hobbs.

H. A. Saunders.

S. W. G. Tringham.
H. A. G. Spragg.

F. L. P. Secretan & Co. and or T. A. Nicholls.

Holford Secretan.
S. D. Secretan.
C. F. Tufnell.

*H. Sedgwick & others (see C. E. Heath).**F. W. Senior.*

E. Holmwood.
H. Goring.
A. J. Norman.
H. A. V. Bonnin.
F. S. Isaac.
T. D. Holmwood.

G. T. Shearing.

C. P. Attenborough.
F. T. Stowe.
A. B. Bathurst.
J. P. Head.
E. M. H. Raynsford.
E. G. Attenborough.
A. E. Birmingham.

H. G. Sicklemore.

H. G. Sicklemore.
W. A. Stearns.
J. L. Crawford.
W. A. Thompson.
A. Cutforth.
G. C. Felce.
S. R. Bosq.
C. F. Mirandolle.

G. Simmons.

H. S. Mountain.
G. Simmons.
R. G. MacMillan.
P. Rogerson.
James Gibbs.
T. Richards.
F. C. Previte.
C. S. Knight.
N. B. Perkins.
G. C. Turner.
F. Hall.

H. Simson.

H. Simson.

A. P. Smith.

A. P. Smith.

F. G. Spalding.

Alan Margetson.
F. G. Spalding.
W. Lee Roberts.
S. F. Bayer.

F. G. Spalding.

H. M. Bayer.
L. G. Bayer.
H. C. Bayer.

Edward Starr.

H. A. V. Bonnin.
S. Moses.

Thos. Stephens & Sons, Ltd.

H. L. Beale.
C. H. Roberts.
H. W. Stephens.
T. W. Stephens.

Thos. Stephens & Sons, Ltd.

R. H. Bussell.
D. A. Luscombe.
N. Secretan.
F. A. Coe.

A. Ll. Sturge.

A. Ll. Sturge.
W. H. Lasenby.
Harry Holmes.
E. B. Richardson.
A. A. Holmes.
T. L. Devitt.
Reginald Holmes.
C. N. Brown.
E. P. Sturge.
Francis Wimbush.
R. F. A. Riscoo.
Kenneth Bibby.

A. Ll. Sturge.

A. Ll. Sturge.
W. H. Lasenby.

H. W. Symondson.

H. W. Symondson.
W. G. Dobson.
R. F. W. Hodga.

R. Todd and or S. J. Aubrey.

R. C. J. Beaton.
Roland Todd.
A. E. Price.
H. B. Foster.
W. A. Tennant.
E. S. Holman.

F. S. Toulmin.

F. S. Toulmin.
H. J. Gardiner.
O. Mowatt.
F. W. May.
Robert Ward.
J. W. Jeakes.
W. S. Coles.
H. E. Lyons.
G. J. Morgan.
H. R. Munday.

I. F. Townsend.

I. F. Townsend.
P. G. Oakbott.
G. V. Sinclair.
G. H. C. Chichester.
F. C. Bellamy.
S. R. Moses.
C. H. M. Jacobs.

E. Usielli & Co., Ltd. (W. Crocker).

Gordon B. Winch.
H. Hill.
C. G. Hentsch.
R. C. Snowden.

E. Usielli & Co., Ltd.

R. C. Snowden.

E. J. Walton.

A. E. Roberts.
L. C. Stewart.
N. B. Perkins.
L. S. Jones.

S. J. White.

Stephen J. White.
E. S. Liddiard.
L. C. C. Lindsay.
Charles O. Walker.
Charles F. Tindal.
A. F. F. Smith.
H. H. Paynter.
C. K. Butler.
Wm. H. Dolphin.
H. Faithfull.

B. N. L. Whiteaway.

E. Whiteaway.
A. Forward.

A. J. Whittall.

A. J. Whittall.
O. Mowatt.
W. S. Coles.
J. W. Jeakes.
H. R. Munday.
C. S. Gilman.

J. H. Williams.

Glenconner.
W. A. Tennant.

Wilks Faber & Co., Ltd.

A. C. Allan.
Alfred Faber.
A. J. Hobson.
F. E. Vincent.
H. Elliot Smith.
H. J. Paterson.
B. Hobson.
W. Hobson.
W. C. S. Uppley.
H. L. Faber.
F. Elliot-Smith.
J. E. Duder.
H. W. Aston.
A. F. Hobson.

Wilks Faber & Co., Ltd.

(No. 2).

Alfred Faber.
A. C. Allan.
H. L. Faber.

C. Wintle.

Cyril Wintle.
Stephenson R. Clarke.

C. Wintle.

C. Wintle.

P. Woods.

(See C. E. Heath).

H. Wrightson.

H. Wrightson.
R. L. Whittaker.
A. H. Tompeon.
H. B. Hill.
R. G. Wrightson.
F. Western.
F. Owen.
F. L. Colborne.

H. Wrightson.

H. S. Saunders.
F. A. Coe.
S. A. Gregory.

H. Wrightson.

H. Wrightson.

LONDON STEAMSHIP OWNERS INSURANCE COMPANY, Great Britain.

This company is reported to be writing marine risks on the Pacific Coast through licensed brokers.

MAJESTIC INSURANCE COMPANY, LTD., London, Eng.

Secretary, R. M. Craig.

This company was established in 1906, and began business with an authorized capital of £150,000, of which £83,756 is subscribed and £25,777 paid in. It is understood to be transacting a surplus line business in the United States.

MEDWAY INSURANCE COMPANY, LTD., Norwich, Eng.

The Medway was established in 1908, with an authorized capital of £30,000, £47,527 of which is stated to have been issued and fully paid up. The company writes surplus lines on American risks through Marsh & McLennan of Chicago, Ill.

MERCHANTS MARINE INSURANCE COMPANY, LTD., London, Eng.

This company was established in 1871 and has a subscribed capital of £500,000, of which £125,000 is paid up. It is understood to be writing marine insurance on the Pacific Coast through licensed brokers.

MONARCH ASSURANCE COMPANY, LTD., London, Eng.

Secretary, James Mill.

REMARKS: This company was registered February 6, 1907, with an authorized capital stock of £100,000; subscribed, £14,000. As per latest obtainable statement the company showed assets amounting to £9,028 and a paid-up capital of £6,545. It is understood to be writing surplus lines in this country.

MONTREAL-CANADA FIRE INSURANCE COMPANY, Montreal, Can.

President, E. E. A. DuVernet; Secretary and Manager, J. W. Rutherford. Organized, 1859.

ASSETS, DEC. 31, 1914 (including uncalled capital), \$290,863; unearned premiums, \$113,276; total liabilities, \$136,585; surplus to policyholders, \$154,283; MISCELLANEOUS: This company is transacting a surplus line and reinsurance business in the United States through W. L. Pettibone & Co., 31 Clinton st., Newark, N. J.

BUSINESS DURING 1914: Net premiums received, \$149,521; total income, \$192,816; losses paid, \$74,439; expenses, \$66,733.

MOTOR UNION INSURANCE COMPANY, LTD., London, Eng.

General Manager and Secretary, H. J. Whitcomb.

ASSETS, DEC. 31, 1913.		LIABILITIES, DEC. 31, 1913.		FIRE BUSINESS DURING 1913: Net premiums received, £28,910, total income, £33,594; losses paid, £8,519.
Investments.....	£208,255	Due reins. cos.....	£36,962	This company was established in 1906 with an authorized capital of £300,000. The company transacts a surplus line business in the United States.
Real estate.....	48,318	Unearned prems.....	52,238	
Cash.....	77,109	Losses unpaid.....	28,563	
Agents' balances.....	34,427	General reserve.....	35,000	
Due from cos.....	58,801	Due on real estate..	36,000	
Other assets.....	15,383	Other liabilities.....	58,208	
		Total liabilities....	£246,921	
		Capital paid up.....	174,399	
		Profit balance.....	20,773	
Total.....	<u>£442,003</u>	Total.....	<u>£442,063</u>	

MOUNT ROYAL ASSURANCE COMPANY, Montreal, Can.

This company is transacting a surplus line business on American risks through E. E. Hall & Co., 123 William St., New York City. Assets as of Dec. 31, 1914, amounted to \$879,688; unearned premium reserve, \$221,800; investment reserve, \$30,508; undivided profits, \$253,156; capital paid-up, \$250,000; gross premiums re-

ceived during 1914, \$602,837; interest and dividends, \$33,306; total income, \$636,043; gross expenditures, including all losses paid and under adjustment, reinsurance premiums, rebates, commissions, expenses of management, rents and taxes, \$497,711.

LA MUTUELLE DE VALENCE INSURANCE COMPANY, Valence-on-Rhone and Paris, France.

President, A. Huguenel; Director General, M. L. Matros. Organized, 1836.

This company writes surplus lines on sprinklered risks only in the United States. It was founded in 1836, and its annual report for 1913 shows net premium receipts of \$383,451, total income, \$412,837; losses paid, \$198,621; expenses \$140,379; its available funds and reserve were \$747,523.

NATIONAL BENEFIT LIFE AND PROPERTY INSURANCE COMPANY, LTD., London, Eng.

Managing Director, J. Francis; Secretary, S. F. Gandell.

ASSETS, DEC. 31, 1913: £631,300; net, accident and general premiums for 1913, £33,324; losses paid, £13,030; expenses, £15,808.

REMARKS: This company was established in 1906 with an authorized capital of £100,000, of which £42,346 is paid up. It is reported to be writing surplus lines in this country through a Chicago broker.

The company advised us early in 1915 that it had a Pacific Coast agency operating in Ala., Ariz., Cal., Colo., Ida., Mont., N. M., Nev., Ore., Utah, Wash., Wyo. and Haw. There is also an agency in Seattle with the James H. DeVeauve Co. for lumber business only with reserves on N. Y. basis deposited in U. S. for protection of policyholders. It also has reinsurance treaties with companies operating throughout the United States.

NATIONAL BRITISH AND IRISH MILLERS INSURANCE COMPANY, LTD., London, Eng.

Chairman, Peter Mumford; Secretary, H. J. Sanderson. Organised, 1906.

ASSETS, DEC. 25, 1912: £14,964; unearned premiums, £9,068; balance, £2,238.

BUSINESS DURING YEAR ENDED DEC. 25, 1912: Net premiums, £24,020; total income, £24,039; net losses, £3,093; other expenses, £5,962.

REMARKS: This company, which was reorganised in May, 1906, and succeeded the former company bearing the same title, transacts a surplus line business in the United States and Canada through E. E. Hall & Co., New York. It is now under the control and management of the Motor Union of London.

NATIONAL INSURANCE COMPANY OF GREAT BRITAIN, Glasgow, Scotland.

Chairman, Earl of Kinross; Secretary and Manager, James Glen. Organised, 1897.

Assets, Dec. 31, 1913.	LIABILITIES, Dec. 31, 1913.
Investments..... £168,425	Capital paid up.... £50,000
Real estate..... 8,399	Various funds..... 96,073
Agents' balances, etc. 12,834	Unearned prem. res. 22,866
Cash..... 18,820	Losses unpaid..... 12,725
	Balance at credit... 26,804
Total..... £208,465	Total..... £208,465

BUSINESS FOR 1913: Net premiums, £68,598; total income, £75,432; losses paid, £27,206; commissions, £12,221; other expenses, £13,861; total expenses, £53,288.

MISCELLANEOUS: This company writes fire, accident, burglary and plate glass insurances at home; and writes surplus lines of fire insurance on sprinklered risks only to the United States and Canada through E. E. Hall & Co., New York, and Marsh and McLennan, Chicago, Ill. It was organised in 1897 with an authorised capital of £1,000,000, of which £250,000 is subscribed and £50,000 paid up.

NATIONAL STANDARD LIFE ASSURANCE CORPORATION, LTD., London, Eng.

Managing Director, F. C. Norman; Secretary, D. M. Morrow.

This company was established in 1906. Its latest printed financial report shows assets for the fire department of \$932,479, of which \$579,203 was miscellaneous assets consisting of preliminary expenses, purchase of business, establishment and or-

ganisation accounts. Reserve for fire, accident, industrial and endowment policies, \$179,948; surplus to policyholders, \$346,079. The company is writing surplus lines in the United States through A. L. McCrae, Chicago, Ill.

NORDISK (NORTHERN) REINSURANCE COMPANY, Copenhagen, Denmark.

Managing Director, P. Chr. Olsen; Deputy, O. Oestergaard. Organised, 1894.

Assets, June 30, 1914.	LIABILITIES, June 30, 1914.
Shareholders' bonds. \$863,500	Losses unpaid..... \$280,645
Stks. and invs. 1,640,077	Premium reserve.... 1,116,969
Mortgage loans..... 12,500	Due companies..... 294,924
Real estate..... 111,250	Dep. life br..... 499,047
Cash..... 61,145	Various funds..... 271,405
Dep. for life branch. 325,396	Other liab..... 11,861
Due from companies 530,732	Total liabilities... \$2,474,842
Other assets..... 91,545	Capital..... 1,160,000
	Balance..... 19,253
Total assets..... \$3,644,195	Total..... \$3,644,195

BUSINESS FOR YEAR ENDING JUNE 30, 1914: Premiums received (life excluded), \$536,019; losses paid, \$543,108; commissions, \$202,192.

REMARKS: This company is believed to be interested in risks in this country by way of reinsurance in authorized companies. It is very favorably known abroad, transacting business in many European countries with unquestioned integrity. During the past few years it has declared an annual dividend of 16 per cent.

PANNONIA HUNGARIAN REINSURANCE COMPANY, Budapest, Hungary.

General Secretary, S. Herceg. Organised, 1861.

ASSETS, DECEMBER 31, 1913: \$2,653,756. Premium reserve, \$868,890; loss reserve, \$139,742; profit reserve, \$384,000; special reserves, \$351,572; sundry creditors, \$337,751; capital paid up, \$384,000; profit balance, \$60,477.

BUSINESS IN 1913: Net fire premiums, \$381,325; marine premiums, \$14,498; life premiums, \$23,199; other income, \$102,306; fire losses paid, \$641,766; marine losses paid, \$12,910; commis-

sions, \$220,710; management expenses, \$21,760.

REMARKS: This company is interested in American risks to some extent by way of reinsurance of admitted companies. It writes fire, life, marine and general insurance, and with the exception of 1899 declared always a substantial dividend, average about 20%. Conflagration loss: San Francisco, 1906, \$15,000.

POHJOLA FIRE INSURANCE COMPANY, Helsingfors, Finland.

ASSETS, DECEMBER 31, 1913: \$3,282,013; fire fund, \$1,618,956; capital subscribed, \$1,000,000; paid up, \$750,000; net premiums received during 1913, \$3,194,958; losses paid, \$2,-

042,006. This company is understood to be interested to some extent in American risks by way of the fire reinsurances of licensed companies.

PROVINCIAL INSURANCE COMPANY, LTD., Bolton, Eng.

Secretary, F. C. Scott.

Assets, Dec. 31, 1914.	LIABILITIES, Dec. 31, 1914.
Real estate..... £10,150	Losses unpaid..... £11,300
Mortgage loans..... 1,405	Reserve..... 45,935
Bonds and stocks.... 124,147	Unpaid div..... 4,148
Agents' balances.... 8,567	Other liabilities.... 1,130
Cash..... 5,838	Total liabilities... £62,511
Interest..... 1,700	Capital paid up.... 90,000
Other assets..... 4,969	Profit and loss..... 4,254
Total assets..... £156,765	Total..... £156,765

BUSINESS IN 1914: Net fire premiums, £29,663; accident, etc., premiums, £22,665; fire losses paid, £16,472; accident, etc., losses paid, £3,856; fire management expenses, £3,230; total expenditures, £48,778.

REMARKS: This company is licensed in Canada and is understood to be transacting a surplus line business in the United States.

PRUDENTIA REINSURANCE COMPANY, Zurich, Switzerland.

Managing Director, Dr. Ch. Simon. Organised, 1875.

ASSETS, Dec. 31, 1913.		LIABILITIES, Dec. 31, 1913.	
Shareholders' notes.....	\$562,500	Life reserve.....	\$966,167
Mortgages.....	1,806,794	Fire, etc., res.....	1,759,195
Due cos. etc.....	1,230,812	Other reserves.....	168,750
Interest.....	20,389	Other liabilities.....	11,328
Cash.....	429		
		Total liabilities.....	\$2,805,440
		Capital.....	750,000
		Profit and loss.....	64,486
Total assets.....	\$3,619,926	Total.....	\$3,619,926

BUSINESS IN 1914: Net premiums (fire), \$1,841,111; total income, \$2,106,635; paid for losses (fire), \$1,140,914; commissions, \$408,993.

REMARKS: This company is interested in American risks by way of reinsurance of licensed companies and appears to be a daughter institution of the Swiss Reinsurance Company. It has the same location of main office and the same board of directors and managers. Capital of \$800,000, of which 25% is paid in. Dividends, 1906, none, 1907, 2%, 1908, 3%, 1909, 4%, 1910, 4%, 1912, 5%. Company writes all branches of insurance.

REGAL FIRE AND ACCIDENT INSURANCE CO., London, Eng.

This company is understood to be writing surplus lines on American risks through A. L. McCrae, Inc., 175 W. Jackson Blvd.,

Chicago, Ill. The company has an authorised capital of \$500,000, of which \$125,425 is subscribed and \$77,405 paid up.

RHENISH-WESTPHALIAN REINSURANCE COMPANY, M. Gladbach, Germany.

President, Carl Fischer. Organised, 1870.

ASSETS, DEC. 31, 1913: \$4,589,802 (including \$675,000 stockholders' notes); capital reserve \$300,000; premium reserve, \$2,078,472; loss reserve, \$351,798; life reserve, \$411,303; capital, \$900,000; profit balance, \$120,104.

BUSINESS IN 1913: Net premiums, \$2,222,688 (fire only); losses paid (fire), \$1,350,133; commissions, \$644,431; expenses, \$81,447.

REMARKS: The company is interested in American risks to some extent by reinsurance of licensed companies. It writes indirectly fire, marine, life and accident insurance, also reinsurance of all branches. Dividends, 1906, 30%; 1906, 20%, 1907 30%; 1908, 30%; 1909, 40%; 1910, 40%; 1911, 75%; 1912 and 1913, 30%.

SCOTTISH SICKNESS AND ACCIDENT INSURANCE COMPANY, LTD., Glasgow, Scotland.

Secretary, D. H. Steele.

This company was established in 1907. Its authorised capital is £20,000; subscribed, £10,343; paid up, £5,637. The fire premiums in 1913 amounted to £1,186; claims, £888; expenses,

etc., £702. The company is understood to be writing surplus lines in the United States.

SECURITAS REINSURANCE COMPANY, Vienna, Austria.

Manager, S. Nyitrai. Organised, 1865.

ASSETS, DECEMBER 31, 1913: \$1,062,354. Capital, \$240,000; unearned premiums, \$330,563; loss reserve, \$193,354; capital reserve, \$140,560; credit balance, \$67,887.

BUSINESS DURING 1913: Net premiums received, \$958,904; total income, \$999,692; losses paid, \$669,527; commissions, \$233,832; expenses, \$8,957.

REMARKS: This company is interested in American risks by reinsurance of licensed companies. Its latest reported capital was \$240,000 paid up, and the dividends paid for the last 10 years amounted to 10%. Conflagration loss: San Francisco, 1906, \$120,000.

SECURITE GENERALE INSURANCE COMPANY, Brussels, Belgium.

REMARKS: Early in 1910 this company commenced writing surplus lines in this country through P. de Q. Mesney, Chicago, Ill., and its latest available financial statement showed total

assets aggregating \$400,617. Its subscribed capital was then \$300,000 and its paid-up capital, \$129,990. Its profit balance amounted to \$7,896.

SKANDINAVIA REINSURANCE COMPANY, Copenhagen, Denmark.

Managing Directors, W. Witake, A. N. Gron.

ASSETS, Dec. 31, 1913.		LIABILITIES, Dec. 31, 1913.	
Stockholders' notes.....	\$1,290,055	Premium reserve....	\$1,056,395
Real estate.....	226,111	Loss reserve.....	765,126
Due from reins. cos.....	1,268,451	Reinsurances due....	352,034
Cash.....	299,031	General reserve.....	111,111
Investments.....	658,846	Other liabilities.....	47,837
Other assets.....	29,095	Capital.....	1,666,667
		Profit balance.....	1,306
Total.....	\$3,811,589	Total.....	\$3,811,589

REMARKS: This company is understood to be interested in United States risks by reinsurance of licensed companies.

STERLING FIRE INSURANCE COMPANY, Quebec, Can.

President, Geo. Demers; Secretary, A. Demers. Organised, 1906.

ASSETS, DEC. 31, 1913: \$36,359; liabilities, except capital, \$5,653; surplus, \$1,876; capital, subscribed, \$100,000; paid up, \$28,530; net premiums during 1913, \$20,420; losses paid, \$8,653;

general expenses, \$6,764. This company is understood to be accepting reinsurances on American risks from licensed companies.

STUTTGART INSURANCE AND REINSURANCE COMPANY, Stuttgart, Germany.

Assets, Dec. 31, 1913.	LIABILITIES, Dec. 31, 1913.
Real estate..... \$330,000	Losses unpaid..... \$170,068
Mortgage loans..... 898,813	Unearned prems..... 435,775
Bonds and stocks.... 56,648	Due companies..... 39,068
Agents' balances... 43,162	Premium reserves... 74,601
Due from companies 163,763	Other liabilities.... 30,508
Collateral loans..... 128,125	
Cash..... 31,861	Total liabilities... \$750,021
Other assets..... 18,401	Capital paid up..... 644,250
	Net surplus..... 271,502
Total..... \$1,665,773	Total..... \$1,665,773

BUSINESS DURING 1913: Net premiums received, \$744,057; other income, \$22,692; total income, \$766,749; losses paid, \$401,459; expenses, \$218,139; total expenditures, \$619,598.

Brown, Anderson and Young, Inc., are representing this company for surplus lines in the United States. The company has agreed under contract to always retain a deposit of \$10,000 in one of the strongest banks in Chicago for protection of American policyholders.

THEMIS INSURANCE COMPANY, Paris, France.

President, J. Vincent; Director General, Edmond Kolb. Organized, 1882.

The latest available statement shows assets (including stockholders' notes, \$150,000); \$694,624; reins. reserve, \$151,119; capital (paid up, \$50,000), \$300,000; profit balance, \$3,079.

REMARKS: This company was established at Marseilles, France, in 1882, and transferred its headquarters to Paris in 1907. The company is understood to be transacting a surplus line business in this country through various brokers.

TRITON INSURANCE COMPANY, Helsingfors, Finland.

Managing Director, Alex. Tornudd.

ASSETS, per latest obtainable statement, \$389,068; premium reserve, \$42,706; capital, \$300,000, paid up, \$100,000; net premiums in 1912, \$87,086; losses paid, \$34,435. This com-

pany is understood to be accepting reinsurances from licensed American companies.

UNION INSURANCE SOCIETY OF CANTON, Ltd.

This company is understood to be writing marine insurance on the Pacific Coast of the United States through licensed brokers. Its subscribed capital is \$3,100,000; paid up, \$1,240,000; reserve

fund, \$4,037,837, and accumulated funds over eleven million dollars.

UPPER RHINE INSURANCE COMPANY, Mannheim, Germany.

General Director, D. Carl Kewen. Organized, 1886.

ASSETS, DEC. 31, 1913: \$4,392,474; including \$937,500 stockholders' notes; loss reserve, \$677,934; premium reserve, \$1,160,182; due from insurance companies, \$619,718; reserves, \$992,600; capital authorized, \$1,250,000; paid-up, \$312,500.

Business during 1913 (fire reinsurance branch) premiums received, \$607,848; total income, \$618,759; losses paid, \$421,136;

commissions and management expenses, \$185,019. The Upper Rhine writes a general direct business and also fire and marine reinsurance business. The company is understood to be writing marine insurance on the Pacific Coast of the United States through licensed brokers.

VICTORIA INSURANCE COMPANY of Bucharest, Roumania.

President, General Dr. Serban Georgescu; General Director, H. S. Nerutseco.

ITS LATEST AVAILABLE STATEMENT SHOWED ASSETS: \$494,020. Total liabilities, except capital, \$238,412; capital (paid up, \$97,514), \$200,000; profit and loss account, \$5,608.

REMARKS: This company was established in 1908. It is understood to be transacting a surplus line business in the United States and Canada.

VIENNA REINSURANCE COMPANY, Vienna, Austria.

Managing Director, Emil Schaale, General Secretary, Victor Joerger. Organized, 1899.

Assets, Dec. 31, 1913.	LIABILITIES, Dec. 31, 1913.
Investments..... \$1,259,151	Premium reserve.... \$1,070,109
Cash..... 907,720	Loss reserve..... 653,414
Due from cos..... 523,515	Due other cos..... 363,472
Real estate..... 152,000	Other liabilities.... 112,548
Other assets..... 18,916	
	Total liabilities... \$2,200,543
	Capital paid up..... 600,000
	Profit balance..... 60,758
Total..... \$2,861,301	Total..... \$2,861,301

REMARKS: This company is interested to some extent in American risks by reinsurance of licensed companies. Company does reinsurance of virtually every branch of insurance. Conflagration loss: San Francisco, 1906, \$641,055.

WORLD MARINE INSURANCE COMPANY, Ltd., London, Eng.

This company was organized in 1894. Its authorized capital was £250,000; subscribed, £150,300; paid up, £80,120. It is

understood to be writing surplus lines on American marine risk on the Pacific Coast of the United States through licensed brokers

STANDARD SHORT RATE SCALE.
FOR COMPUTING PREMIUMS FOR TERMS LESS THAN ONE YEAR.
AS ADOPTED BY THE "WESTERN UNION."

NOTE.—Take the percentage indicated in scale opposite the number of days risk is to run, on the premium for one year at given rate, and the result will be the premium earned in case of cancellation, or to be charged in case of short risks.

1 Day.....	2% of annual prem.	55 Days.....	29% of annual prem.
2 Days.....	4 " "	60 ".....	30 " "
3 ".....	5 " "	65 ".....	33 " "
4 ".....	6 " "	70 ".....	36 " "
5 ".....	7 " "	75 ".....	37 " "
6 ".....	8 " "	80 ".....	38 " "
7 ".....	9 " "	85 ".....	39 " "
8 ".....	9 " "	90 " or 3 months.....	40 " "
9 ".....	10 " "	105 ".....	45 " "
10 ".....	10 " "	120 " or 4 months.....	50 " "
11 ".....	11 " "	135 ".....	55 " "
12 ".....	12 " "	150 " or 5 months.....	60 " "
13 ".....	13 " "	165 ".....	65 " "
14 ".....	13 " "	180 " or 6 months.....	70 " "
15 ".....	14 " "	195 ".....	73 " "
16 ".....	14 " "	210 " or 7 months.....	75 " "
17 ".....	15 " "	225 ".....	78 " "
18 ".....	16 " "	240 " or 8 months.....	80 " "
19 ".....	16 " "	255 ".....	83 " "
20 ".....	17 " "	270 " or 9 months.....	85 " "
25 ".....	19 " "	285 ".....	88 " "
30 ".....	20 " "	300 " or 10 months.....	90 " "
35 ".....	23 " "	315 ".....	93 " "
40 ".....	26 " "	330 " or 11 months.....	95 " "
45 ".....	27 " "	360 " or 12 months.....	100 " "
50 ".....	28 " "		

**SCALE FOR COMPUTING EARNED PREMIUM ON TERM POLICIES CANCELED
BEFORE EXPIRATION.**

THREE YEARS.			FIVE YEARS.		
For 3 months or less.....	20% of term prem.		For 5 months or less.....	20% of term prem.	
Over 3 and not exceeding 6 mos. 30	" "		Over 5 and not exceeding 10 mos. 30	" "	
" 6 " " 9 " 40	" "		" 10 " " 15 " 40	" "	
" 9 " " 12 " 50	" "		" 15 " " 20 " 50	" "	
" 12 " " 15 " 60	" "		" 20 " " 25 " 60	" "	
" 15 " " 18 " 70	" "		" 25 " " 30 " 70	" "	
" 18 " " 21 " 75	" "		" 30 " " 35 " 75	" "	
" 21 " " 24 " 80	" "		" 35 " " 40 " 80	" "	
" 24 " " 27 " 85	" "		" 40 " " 45 " 85	" "	
" 27 " " 30 " 90	" "		" 45 " " 50 " 90	" "	
" 30 " " 33 " 95	" "		" 50 " " 55 " 95	" "	
" 33 months.....	100	" "	" 55 months.....	100	" "

EXPLANATION.—When companies cancel a policy they return *pro rata* premium. When the policyholders cancel the above table is used so that the companies shall not have to return but the *pro rata* premium less the expense of getting the business.

(The Western Union has adopted the National Board Short Rate Scale, but date of promulgation has not been fixed).

**JUNIOR CONFERENCE OF FACTORY MUTUAL INSURANCE
COMPANIES.**

Baltimore, Baltimore; Cotton and Woolen Manufacturers, Boston; Hope, Providence; Industrial, Boston; Keystone, Philadelphia; Manton, Philadelphia; Mercantile, Providence; Mill Owners, Chicago; Narragansett, Providence; National, Philadelphia; Philadelphia Manufacturers, Philadelphia; Protection, Chicago; Rubber Manufacturers, Boston; Standard, Philadelphia; What Cheer, Providence.

ASSOCIATED FACTORY MUTUAL FIRE INSURANCE COMPANIES.

This association, which has its headquarters at Boston, consists of the following named mutual companies: American, Providence; Arkwright, Boston; Blackstone, Providence; Boston Manufacturers, Boston; Cotton and Woolen Manufacturers, Boston; Enterprise, Providence; Fall River Manufacturers, Fall River; Firemens, Providence; Hope, Providence; Manufacturers, Providence; Mechanics, Providence; Merchants, Providence; Philadelphia Manufacturers, Philadelphia; Paper Mill, Boston; Rhode Island, Providence; Rubber Manufacturers, Boston; State, Providence; What Cheer, Providence; Worcester Manufacturers, Worcester.

SHORT RATE TABLE AND RULES GOVERNING SAME.

ADOPTED BY THE NEW YORK FIRE INSURANCE EXCHANGE, MARCH 12, 1913.

I. SHORT RATE TABLE FOR ANNUAL OR SHORT TERM POLICIES.

In writing short term policies (i. e., policies having a shorter term than one year), and in canceling at short rates either short term or annual policies, charge or retain the percentage of annual premium indicated in the following table opposite the time for which computation is made:

TIME, DAYS.	Percentage to be Charged or Retained.	TIME, DAYS.	Percentage to be Charged or Retained.
1	2	19	16
2	4	20	17
3	5	25	19
4	6	30 (1 month)	20
5	7	45	27
6	8	60 (2 months)	30
7	9	75	37
8	9	90 (3 months)	40
9	10	120 (4 months)	50
10	10	150 (5 months)	60
11	11	180 (6 months)	70
12	11	210 (7 months)	75
13	12	240 (8 months)	80
14	13	270 (9 months)	85
15	13	300 (10 months)	90
16	14	330 (11 months)	95
17	15	360 (12 months)	100
18	16		

II. SHORT RATE TABLE FOR TERM POLICIES WRITTEN AT THREE-FOURTHS OF ANNUAL RATE FOR EACH YEAR AFTER FIRST.

In canceling at short rates a term policy written for two, three, four or five years at three-fourths of annual rate for each year after first, retain the percentage of premium for entire term indicated in following table opposite the time for which computation is made.

[N. B.—The short rate earned premium on a term policy (i. e., a policy having a longer term than one year) written as above but for an irregular term or a term longer than five years is to be ascertained as follows: If cancellation is made before end of first year, use table I. above; if cancellation is made at or after end of first year, add to full annual premium three-fourths of annual premium for each additional year of term after first year, and pro rata proportion of three-fourths of annual premium for each fraction of such additional year.]

MONTHS.	Two-Year Policy.	Three-Year Policy.	Four-Year Policy.	Five-Year Policy.	MONTHS.	Three-Year Policy.	Four-Year Policy.	Five-Year Policy.
1	11.43	8	6.15	5	31	87.5	67.31	54.69
2	17.14	12	9.23	7.5	32	90	69.23	56.25
3	22.86	16	12.31	10	33	92.5	71.15	57.81
4	28.57	20	15.38	12.5	34	95	73.08	59.38
5	34.28	24	18.46	15	35	97.5	75	60.94
6	40	28	21.54	17.5	36	100	76.92	62.5
7	42.86	30	23.08	18.75	37		78.85	64.06
8	45.71	32	24.62	20	38		80.77	65.63
9	48.57	34	26.15	21.25	39		82.69	67.19
10	51.43	36	27.69	22.5	40		84.62	68.75
11	54.29	38	29.23	23.75	41		86.54	70.31
12	57.14	40	30.77	25	42		88.46	71.88
13	60.71	42.5	32.69	26.56	43		90.38	73.44
14	64.29	45	34.62	28.13	44		92.31	75
15	67.86	47.5	36.54	29.69	45		94.23	76.56
16	71.43	50	38.46	31.25	46		96.15	78.13
17	75	52.5	40.38	32.81	47		98.08	79.69
18	78.57	55	42.31	34.38	48		100	81.25
19	82.14	57.5	44.23	35.94	49			82.81
20	85.71	60	46.15	37.5	50			84.38
21	89.29	62.5	48.08	39.06	51			85.94
22	92.86	65	50	40.63	52			87.5
23	96.43	67.5	51.92	42.19	53			89.06
24	100	70	53.85	43.75	54			90.63
25		72.5	55.77	45.31	55			92.19
26		75	57.69	46.88	56			93.75
27		77.5	59.62	48.44	57			95.31
28		80	61.54	50	58			96.88
29		82.5	63.46	51.56	59			98.44
30		85	65.38	53.13	60			100

In canceling or writing insurance, whether under annual or term policies, for a term not appearing in the regular short rate table, the charge for the next longer term appearing in the table shall be taken.

TABLE OF SHORT RATES FOR ONE, THREE AND FIVE YEARS.

In Use on the Pacific Coast. Approved March 18, 1902.

TIME POLICY HAS BEEN (OR IS TO BE) IN FORCE	If Written for ONE Year Policy Earns	TIME POLICY HAS BEEN IN FORCE	If Written for THREE Years' Term, Policy Earns	If Written for FIVE Years' Term, Policy Earns
	Per cent. of An- nual premium.		Per cent. of the term premium.	Per cent. of the term premium.
1 day.....	2	1 month.....	10	7
2	4	2	15	10
3	5	3	20	13
4	6	4	25	17
5	7	5	30	20
6	8	6	35	23
7	9	7	38	25
8	9	8	40	27
9	10	9	43	28
10	10	10	45	30
11	11	11	48	32
12	12	12	50	33
13	13	13	53	35
14	13	14	57	38
15	14	15	60	40
16	14	16	63	42
17	15	17	67	45
18	16	18	70	47
19	16	19	72	48
20	17	20	74	49
25	19	21	75	50
30-1 month.....	20	22	77	51
35	23	23	79	53
40	26	24	80	54
45	27	25	82	55
50	28	26	84	56
55	29	27	85	57
60-2 months.....	30	28	87	58
65	33	29	89	59
70	36	30	90	60
75	37	31	92	61
80	38	32	94	63
85	39	33	95	64
90-3 months.....	40	34	97	65
105	46	35	99	66
120-4 months.....	50	36	100	67
135	56	42		80
150-5 months.....	60	48		90
165	66	54		95
180-6 months.....	70	60		100
195	73			
210-7 months.....	75			
225	78			
240-8 months.....	80			
255	83			
270-9 months.....	85			
285	88			
300-10 months.....	90			
315	93			
330-11 months.....	95			
360-12 months.....	100			

IOWA SHORT RATE TABLE.

The following cancellation table was prepared by the Auditor of State of Iowa, in accordance with the provisions of Sec. 1729 of the Code.

1 Day.....	2% of annual prem.	55 Days.....	29% of annual prem.
2 Days.....	4 " "	60 ".....	30 " "
3 ".....	5 " "	65 ".....	33 " "
4 ".....	6 " "	70 ".....	36 " "
5 ".....	7 " "	75 ".....	37 " "
6 ".....	8 " "	80 ".....	38 " "
7 ".....	9 " "	85 ".....	39 " "
8 ".....	9 " "	90 days or three months....	40 " "
9 ".....	10 " "	105 days.....	45 " "
10 ".....	10 " "	120 days or four months....	50 " "
11 ".....	11 " "	135 days.....	55 " "
12 ".....	12 " "	150 days or five months....	60 " "
13 ".....	13 " "	165 days.....	65 " "
14 ".....	13 " "	180 days or six months....	70 " "
15 ".....	14 " "	195 days.....	73 " "
16 ".....	14 " "	210 days or seven months....	75 " "
17 ".....	15 " "	225 days.....	78 " "
18 ".....	16 " "	240 days or eight months....	80 " "
19 ".....	16 " "	255 days.....	83 " "
20 ".....	17 " "	270 days or nine months....	85 " "
25 ".....	19 " "	285 days.....	88 " "
30 ".....	20 " "	300 days or ten months....	90 " "
35 ".....	23 " "	315 days.....	93 " "
40 ".....	26 " "	330 days or eleven months....	95 " "
45 ".....	27 " "	360 days or twelve months....	100 " "
50 ".....	28 " "		

TWO YEARS.				THREE YEARS.			
For two months or less..... 25% of term prem.				For three months or less..... 25% of term prem.			
Over 2 and not exceeding 4 mos. 30	"	"	"	Over 3 and not exceeding 6 mos. 30	"	"	"
" 4 " " 6 " 40	"	"	"	" 6 " " 9 " 40	"	"	"
" 6 " " 8 " 50	"	"	"	" 9 " " 12 " 50	"	"	"
" 8 " " 10 " 60	"	"	"	" 12 " " 15 " 60	"	"	"
" 10 " " 12 " 70	"	"	"	" 15 " " 18 " 70	"	"	"
" 12 " " 14 " 75	"	"	"	" 18 " " 21 " 75	"	"	"
" 14 " " 16 " 80	"	"	"	" 21 " " 24 " 80	"	"	"
" 16 " " 18 " 85	"	"	"	" 24 " " 27 " 85	"	"	"
" 18 " " 20 " 90	"	"	"	" 27 " " 30 " 90	"	"	"
" 20 " " 22 " 95	"	"	"	" 30 " " 33 " 95	"	"	"
" 22 months..... 100	"	"	"	" 33 months..... 100	"	"	"

FOUR YEARS.				FIVE YEARS.			
For four months or less..... 25% of term prem.				For five months or less..... 25% of term prem.			
Over 4 and not exceeding 8 mos. 30	"	"	"	Over 5 and not exceeding 10 mos. 30	"	"	"
" 8 " " 12 " 40	"	"	"	" 10 " " 15 " 40	"	"	"
" 12 " " 16 " 50	"	"	"	" 15 " " 20 " 50	"	"	"
" 16 " " 20 " 60	"	"	"	" 20 " " 25 " 60	"	"	"
" 20 " " 24 " 70	"	"	"	" 25 " " 30 " 70	"	"	"
" 24 " " 28 " 75	"	"	"	" 30 " " 35 " 75	"	"	"
" 28 " " 32 " 80	"	"	"	" 35 " " 40 " 80	"	"	"
" 32 " " 36 " 85	"	"	"	" 40 " " 45 " 85	"	"	"
" 36 " " 40 " 90	"	"	"	" 45 " " 50 " 90	"	"	"
" 40 " " 44 " 95	"	"	"	" 50 " " 55 " 95	"	"	"
" 44 months..... 100	"	"	"	" 55 months..... 100	"	"	"

SIX YEARS.			
For six months or less..... 25% of term prem.			
Over 6 and not exceeding 12 mos 30	"	"	"
" 12 " " 18 " 40	"	"	"
" 18 " " 24 " 50	"	"	"
" 24 " " 30 " 60	"	"	"
" 30 " " 36 " 70	"	"	"
" 36 " " 42 " 75	"	"	"
" 42 " " 48 " 80	"	"	"
" 48 " " 54 " 85	"	"	"
" 54 " " 60 " 90	"	"	"
" 60 " " 66 " 95	"	"	"
" 66 months..... 100	"	"	"

NOTE.—Take the percentage indicated in scale opposite the number of days or months policy is to run on the premium at given rate, and the result will be the premium earned in case of cancellation. Periods exceeding 20 days and not exceeding 25 days, to be charged at the rate of twenty-five days, and so on up to one year.

SHORT PERIOD RATE TABLES. CANADIAN FIRE UNDERWRITERS ASSOCIATION.

ADOPTED DECEMBER 2, 1907.

All short period insurances and cancellations must be calculated by the following tables:
(Lumber excepted—for which see Lumber Tariff.)

Percentages of the Annual Premiums to be Charged or Retained for Periods less than One Year.
Arranged by days, from one to three hundred and sixty days.

Days.	Per Cent.	Days.	Per Cent.	Days.	Per Cent.	Days.	Per Cent.	Days.	Per Cent.
1	2.10	73	36.79	145	58.33	217	76.17	289	88.17
2	3.86	74	36.93	146	58.67	218	76.34	290	88.34
3	5.25	75	37.00	147	59.00	219	76.50	291	88.50
4	6.26	76	37.50	148	59.33	220	76.67	292	88.67
5	7.00	77	37.90	149	59.67	221	76.84	293	88.84
6	8.00	78	38.20	150	60.00	222	77.00	294	89.00
7	8.80	79	38.40	151	60.33	223	77.17	295	89.17
8	9.40	80	38.50	152	60.67	224	77.34	296	89.34
9	9.80	81	38.85	153	61.00	225	77.50	297	89.50
10	10.00	82	39.13	154	61.33	226	77.67	298	89.67
11	11.33	83	39.34	155	61.67	227	77.84	299	89.84
12	12.40	84	39.48	156	62.00	228	78.00	300	90.00
13	13.20	85	39.55	157	62.33	229	78.17	301	90.17
14	13.73	86	39.70	158	62.67	230	78.34	302	90.34
15	14.00	87	39.82	159	63.00	231	78.50	303	90.50
16	15.00	88	39.91	160	63.33	232	78.67	304	90.67
17	15.80	89	39.97	161	63.67	233	78.84	305	90.84
18	16.40	90	40.00	162	64.00	234	79.00	306	91.00
19	16.80	91	40.33	163	64.33	235	79.17	307	91.17
20	17.00	92	40.67	164	64.67	236	79.34	308	91.34
21	17.70	93	41.00	165	65.00	237	79.50	309	91.50
22	18.26	94	41.33	166	65.33	238	79.67	310	91.67
23	18.68	95	41.67	167	65.67	239	79.84	311	91.84
24	18.96	96	42.00	168	66.00	240	80.00	312	92.00
25	19.10	97	42.33	169	66.33	241	80.17	313	92.17
26	19.40	98	42.67	170	66.67	242	80.34	314	92.34
27	19.64	99	43.00	171	67.00	243	80.50	315	92.50
28	19.82	100	43.33	172	67.33	244	80.67	316	92.67
29	19.94	101	43.67	173	67.67	245	80.84	317	92.84
30	20.00	102	44.00	174	68.00	246	81.00	318	93.00
31	21.17	103	44.33	175	68.33	247	81.17	319	93.17
32	22.10	104	44.67	176	68.67	248	81.34	320	93.34
33	22.80	105	45.00	177	69.00	249	81.50	321	93.50
34	23.27	106	45.33	178	69.33	250	81.67	322	93.67
35	23.50	107	45.67	179	69.67	251	81.84	323	93.84
36	24.32	108	46.00	180	70.00	252	82.00	324	94.00
37	24.97	109	46.33	181	70.17	253	82.17	325	94.17
38	25.46	110	46.67	182	70.34	254	82.34	326	94.34
39	25.79	111	47.00	183	70.50	255	82.50	327	94.50
40	25.95	112	47.33	184	70.67	256	82.67	328	94.67
41	26.30	113	47.67	185	70.84	257	82.84	329	94.84
42	26.58	114	48.00	186	71.00	258	83.00	330	95.00
43	26.79	115	48.33	187	71.17	259	83.17	331	95.17
44	26.93	116	48.67	188	71.34	260	83.34	332	95.34
45	27.00	117	49.00	189	71.50	261	83.50	333	95.50
46	27.50	118	49.33	190	71.67	262	83.67	334	95.67
47	27.90	119	49.67	191	71.84	263	83.84	335	95.84
48	28.20	120	50.00	192	72.00	264	84.00	336	96.00
49	28.40	121	50.33	193	72.17	265	84.17	337	96.17
50	28.50	122	50.67	194	72.34	266	84.34	338	96.34
51	28.85	123	51.00	195	72.50	267	84.50	339	96.50
52	29.13	124	51.33	196	72.67	268	84.67	340	96.67
53	29.34	125	51.67	197	72.84	269	84.84	341	96.84
54	29.48	126	52.00	198	73.00	270	85.00	342	97.00
55	29.55	127	52.33	199	73.17	271	85.17	343	97.17
56	29.70	128	52.67	200	73.34	272	85.34	344	97.34
57	29.82	129	53.00	201	73.50	273	85.50	345	97.50
58	29.91	130	53.33	202	73.67	274	85.67	346	97.67
59	29.97	131	53.67	203	73.84	275	85.84	347	97.84
60	30.00	132	54.00	204	74.00	276	86.00	348	98.00
61	31.17	133	54.33	205	74.17	277	86.17	349	98.17
62	32.10	134	54.67	206	74.34	278	86.34	350	98.34
63	32.80	135	55.00	207	74.50	279	86.50	351	98.50
64	33.27	136	55.33	208	74.67	280	86.67	352	98.67
65	33.50	137	55.67	209	74.84	281	86.84	353	98.84
66	34.32	138	56.00	210	75.00	282	87.00	354	99.00
67	34.97	139	56.33	211	75.17	283	87.17	355	99.17
68	35.46	140	56.67	212	75.34	284	87.34	356	99.34
69	35.79	141	57.00	213	75.50	285	87.50	357	99.50
70	35.95	142	57.33	214	75.67	286	87.67	358	99.67
71	36.30	143	57.67	215	75.84	287	87.84	359	99.84
72	36.58	144	58.00	216	76.00	288	88.00	360	100.00

[The above percentages coincide with those given in "Semmann's Fire Insurance Cancellation Tables," which also give pro rata percentages, etc. The Cleveland (O.) Fire Insurance Exchange adopted the above table in 1913, and the Semmann's Table has also been officially adopted at Indianapolis.]

NEW ENGLAND SHORT RATE TABLE.

The following tables have been adopted by the New England Insurance Exchange and the Boston Board of Fire Underwriters:

SHORT TERM AND ANNUAL POLICIES.

For writing and cancelling short term policies and cancelling annual policies. Charge or retain the per cent in table below.

Per Cent of Annual Rates.

1 day.....	2	10 days.....	10	19 days.....	16	5 months.....	60
2 days.....	4	11 days.....	11	20 days.....	17	6 months.....	70
3 days.....	5	12 days.....	12	25 days.....	19	7 months.....	75
4 days.....	6	13 days.....	13	30 days or 1 mo..	20	8 months.....	80
5 days.....	7	15 days.....	14	45 days.....	25	9 months.....	85
6 days.....	8	16 days.....	14	2 months.....	30	10 months.....	90
7 days.....	9	17 days.....	15	3 months.....	40	11 months.....	95
8 days.....	9	18 days.....	16	4 months.....	50	12 months.....	100
9 days.....	10						

For periods of more than two months a part of a month shall be counted as a whole month. Policies shall not be written for two or more short terms during a year at what would be the short rate for the aggregate time of all these terms.

NOTE.—The table in this column is not to be used in cancelling policies written for a term of more than one year.

FOR TERM POLICIES.

Retain the per cent named when a policy is surrendered for cancellation.

Time	2	3	4	5	Time	2	3	4	5	Time	4	5
Expired. Years.	Years.	Years.	Years.	Years.	Expired. Years.	Years.	Years.	Years.	Years.	Expired. Years.	Years.	Years.
Months.	%	%	%	%	Months.	%	%	%	%	Months.	%	%
1.....	13	10	8	7	21.....	92	75	62	52	41.....	91	81
2.....	20	17	13	12	22.....	95	77	65	54	42.....	92	82
3.....	25	20	18	16	23.....	97	79	67	56	43.....	94	83
4.....	30	23	20	18	24.....	100	80	70	58	44.....	95	84
5.....	35	27	22	20	25.....	..	81	71	60	45.....	96	85
6.....	40	30	25	22	26.....	..	83	72	62	46.....	97	86
7.....	45	33	27	25	27.....	..	85	74	64	47.....	99	87
8.....	50	37	30	26	28.....	..	86	75	66	48.....	100	88
9.....	55	40	32	28	29.....	..	88	76	68	49.....	..	89
10.....	60	43	35	30	30.....	..	90	77	70	50.....	..	90
11.....	65	47	37	32	31.....	..	91	79	71	51.....	..	91
12.....	70	50	40	34	32.....	..	93	80	72	52.....	..	92
13.....	72	53	42	36	33.....	..	95	81	73	53.....	..	93
14.....	75	57	45	38	34.....	..	96	82	74	54.....	..	94
15.....	77	60	47	40	35.....	..	98	84	75	55.....	..	95
16.....	80	63	50	42	36.....	..	100	85	76	56.....	..	96
17.....	82	67	52	44	37.....	..	..	86	77	57.....	..	97
18.....	85	70	55	46	38.....	..	..	87	78	58.....	..	98
19.....	87	72	57	48	39.....	..	..	89	79	59.....	..	99
20.....	90	73	60	50	40.....	..	..	90	80	60.....	..	100

Fractional parts of a month for term policies counted as a whole month.

MONTHLY FIRE LOSSES IN THE UNITED STATES AND CANADA.

Below will be found a tabulation of the fire losses in the United States and Canada by months, compiled from the "Journal of Commerce and Commercial Bulletin." The total for 1906 was \$459,710,000, including the loss by the San Francisco conflagration; in 1907 the total was \$215,671,250; in 1908, \$238,562,250; in 1909, \$203,649,150.

	1910.	1911.	1912.	1913.	1914.	1915.
January.....	\$15,175,400	\$21,922,450	\$35,653,450	\$20,193,250	\$23,204,700	\$20,060,600
February.....	15,489,350	16,415,000	28,601,650	22,084,600	21,744,200	13,081,250
March.....	18,465,550	31,569,800	16,650,850	17,511,000	25,512,750	18,786,400
April.....	18,091,800	17,670,550	16,349,400	16,738,250	17,700,800	18,180,350
May.....	18,823,200	21,422,000	21,013,950	17,225,850	15,507,800	11,388,450
June.....	13,183,600	20,691,950	16,103,450	24,942,700	29,348,000	.....
July.....	26,847,900	25,301,150	15,210,100	20,660,900	17,539,800	.....
August.....	21,570,550	12,662,650	14,158,800	21,180,700	11,705,650	.....
September.....	11,700,000	11,333,250	13,779,300	17,919,300	14,383,050	.....
October.....	37,188,300	13,945,000	13,651,650	14,932,750	14,004,700	.....
November.....	16,407,000	18,680,600	16,172,300	15,207,600	21,372,750	.....
December.....	21,528,000	22,722,850	17,967,000	16,126,450	23,507,150	.....
Totals.....	\$234,470,650	\$234,337,250	\$225,320,900	\$224,723,350	\$235,591,350	.....

STANDARD SHORT RATE SCALE FOR COMPUTING EARNED PREMIUMS.

AS ADOPTED BY NATIONAL BOARD OF FIRE UNDERWRITERS.

These tables have been adopted for use in territory covered by the following named organizations: Eastern Union, New England Insurance Exchange, Western Union, South-Eastern Underwriters Association, Underwriters Association of the Middle Department, Western Insurance Bureau, Underwriters Association of the District of Columbia, Board of Fire Underwriters of Allegheny County (Pa.), Association of Fire Underwriters of Baltimore and Insurance Association of Providence (R. I.), and also for use in New Jersey.

RULE.—Take the percentage indicated in scale opposite the period the risk is to run on the premium for the year or term at the given rate, and the result will be the premium to be retained in case of cancellation, or to be charged in case of short risk.

EXPLANATION.—When a company cancels a policy it returns pro rata premium. When a policyholder cancels, this table is used, so that the company shall only return the pro rata premium less the expense of getting the business.

SHORT RATE TABLE FOR TERM POLICIES

ANNUAL POLICIES		Time, Months.	2-YEAR POLICY WRITTEN AT		3-YEAR POLICY WRITTEN AT		4-YEAR POLICY WRITTEN AT		5-YEAR POLICY WRITTEN AT	
Number of Days.	% of Annual Premium.		1½ Annuals.	1½ Annuals.	2½ Annuals.	2 Annuals.	3½ Annuals.	2½ Annuals.	4 Annuals.	3 Annuals.
1	2	1	11	13	8	10	6	8	5	7
2	2	2	17	20	12	15	9	12	8	10
3	3	3	23	27	16	20	12	16	10	13
4	4	4	29	33	20	25	15	20	13	16
5	5	5	34	40	24	30	18	24	15	19
6	6	6	39	46	28	35	22	28	18	22
7	7	7	40	47	30	38	23	30	19	24
8	8	8	43	50	32	40	25	32	20	25
9	9	9	46	53	34	43	26	34	21	27
10	10	10	49	57	36	45	28	36	23	29
11	11	11	51	60	38	48	29	38	24	30
12	12	12	54	63	40	50	31	40	25	32
13	13	13	57	67	43	52	33	42	27	34
14	14	14	61	70	45	54	35	43	28	35
15	15	15	64	72	48	56	37	45	30	36
16	16	16	68	75	50	58	38	47	31	38
17	17	17	71	78	53	60	40	48	33	40
18	18	18	75	81	55	63	42	50	34	42
19	19	19	79	83	58	65	44	52	36	43
20	20	20	82	86	60	67	46	53	38	44
25	25	25	86	89	63	69	48	55	39	46
30	30	30	89	92	65	71	50	57	41	47
35	35	35	93	94	68	73	52	58	42	49
40	40	40	96	97	70	75	54	60	44	50
45	45	45	100	100	73	77	56	62	45	51
50	50	50	...	...	75	79	58	63	47	53
55	55	55	...	...	78	81	60	65	48	54
60	60	60	...	...	80	83	62	67	50	56
65	65	65	...	...	83	85	63	68	52	57
70	70	70	...	...	85	88	65	70	53	58
75	75	75	...	...	88	90	67	72	55	60
80	80	80	...	...	90	92	69	73	56	61
85	85	85	...	...	93	94	71	75	58	63
90	90	90	...	...	95	96	73	77	59	64
(3 mos.)	40	35	...	...	98	98	75	78	61	65
105	46	36	...	...	100	100	77	80	63	67
120	50	37	...	...	...	...	79	82	64	68
(4 mos.)	56	38	...	...	...	...	81	83	66	69
135	56	39	...	...	...	...	83	85	67	71
150	60	40	...	...	...	...	85	87	69	72
(5 mos.)	66	41	...	...	...	...	87	88	70	74
165	66	42	...	...	...	...	88	90	72	75
180	70	43	...	...	...	...	90	92	73	76
(6 mos.)	73	44	...	...	...	...	92	93	75	78
195	73	45	...	...	...	...	94	95	77	79
210	75	46	...	...	...	...	96	97	78	81
(7 mos.)	78	47	...	...	...	...	98	98	80	82
225	78	48	...	...	...	...	100	100	81	83
240	80	49	...	...	...	...	...	...	83	85
(8 mos.)	83	50	...	...	...	...	...	...	84	86
255	83	51	...	...	...	...	...	...	86	88
270	85	52	...	...	...	...	...	...	88	89
(9 mos.)	88	53	...	...	...	...	...	...	89	90
285	88	54	...	...	...	...	...	...	91	92
300	90	55	...	...	...	...	...	...	92	93
(10 mos.)	93	56	...	...	...	...	...	...	94	94
315	93	57	...	...	...	...	...	...	95	96
330	95	58	...	...	...	...	...	...	97	97
(11 mos.)	98	59	...	...	...	...	...	...	98	99
345	98	60	...	...	...	...	...	...	100	100
360	100	...	...	...	...	...	...	...	...	...
(12 mos.)	...	...	...	...	...	...	...	...	...	...

* One month. † Two months. Intermediate periods, not shown, may be interpolated. Percentages for same to be calculated in harmony with these tables.

UNDERWRITERS' ORGANIZATIONS

We give a list herewith of National and State organizations of fire underwriters, and the names of their officers; also the names of the officers of the local boards in some of the more important cities. To give the list of all local boards in the country would require more space than we have at our disposal. The following list has been corrected especially for THE INSURANCE YEAR BOOK.

Organizations covering the largest territory are given first; then follow those of States, arranged alphabetically. The local boards are arranged under their respective States.

NATIONAL ORGANIZATIONS.

NATIONAL CONVENTION OF INSURANCE COMMISSIONERS.

President, John S. Darst, Wheeling, W. Va.; vice-presidents, Burton Mansfield, Connecticut, and John T. Winship, Michigan; secretary and treasurer, Fritz Hugh McMaster, Colombia, S. C.
Annual meeting in July.

NATIONAL BOARD OF FIRE UNDERWRITERS.

President, E. G. Richards, New York; vice-president, R. M. Bissell, Hartford; secretary, E. J. Haynes; treasurer, C. J. Holman, New York; general manager, W. E. Mallalieu, 76 William street, New York city.

Annual meeting in New York in May.

NATIONAL FIRE PROTECTION ASSOCIATION.

President, Charles E. Meek; vice-presidents, L. W. Wiedenholt and D. E. Waid; secretary and treasurer, Franklin H. Wentworth, 87 Milk street, Boston, Mass.

Annual meeting held May of each year.

NATIONAL ASSOCIATION OF INSURANCE AGENTS.

President, C. F. Hildreth, Freeport, Ill.; secretary and treasurer, Henry W. Putnam, 55 Kilby street, Boston.

Executive Committee.—Chairman, E. C. Roth, Buffalo, N. Y.

Grievance Committee.—Chairman, J. K. Livingston, Detroit, Mich.

Legislative Committee.—Chairman, Geo. D. Markham, St. Louis, Mo.

Organization Committee.—Chairman, F. E. Warner, Salem, Mass.

Annual meeting fixed by Executive Committee.

INSURANCE INSTITUTE OF AMERICA.

President, John H. Kenney, Baltimore, Md.; secretary-treasurer, Benjamin Richards, Boston, Mass.; chairman of Committee on Insurance Examinations, E. R. Hardy, New York City.

AMERICAN ASSOCIATION OF CO-OPERATIVE MUTUAL INSURANCE COMPANIES.

President, C. F. Danforth, Boston, Mass.; secretary and treasurer, W. B. Lynch, Lincoln, Neb.
Annual meeting in March.

NATIONAL ASSOCIATION OF MUTUAL INSURANCE COMPANIES.

President, C. F. Mingenback, McPherson, Kan.; vice-presidents, L. R. Welch, Fitchburg, Mass.; C. M. McMillin, Carthage, Ill., and G. M. Gray, Coshocton, O.; secretary, H. P. Cooper, Craw-

fordsville, Ind.; treasurer, C. A. McCotter, Indianapolis, Ind.

Date of annual meeting, Sept. 14-17, 1915.

AMERICAN INSTITUTE OF MARINE UNDERWRITERS.

President, Herbert Appleton; vice-president, Percy Chubb; secretary and treasurer, William H. McGee, 77 Beaver street, New York.

Annual meeting first Monday in October.

UNDERWRITERS LABORATORIES.

Secretary and manager, W. H. Merrill; chief engineer, W. C. Robinson, 307 E. Ohio street, Chicago, Ill.

WOMAN'S NATIONAL FIRE PROTECTION ASSOCIATION.

President, Eva McDonald Vales, 35-37 W. 39th street, New York City.

AUTOMOBILE UNDERWRITERS CONFERENCE.

President, Frederick W. Day; vice-president, Douglas F. Cox; secretary and treasurer, Wm. A. Hamilton, 80 Maiden Lane, New York.

Annual meeting in February.

FIRE UNDERWRITERS UNIFORMITY ASSOCIATION.

President, E. M. Sellers, Indianapolis; vice-president, Henry V. Thayer; secretary and treasurer, William S. Boyd, Chicago, Ill.

Annual meeting in May.

NATIONAL BOARD OF MARINE UNDERWRITERS.

President, Clayton Platt; vice-president, W. H. McGee; secretary, R. H. Collett, 63 Beaver street, New York; treasurer, H. K. Fowler.

Annual meeting third Wednesday in May.

NATIONAL AUTOMATIC SPRINKLER ASSOCIATION.

Manager, Ira G. Hoagland.

NATIONAL ASSOCIATION OF INSURANCE EMPLOYEES.

President, Charles A. Hartman; vice-presidents, C. D. Jolliffe, J. F. Kelly and P. B. Chappell; general counsel, Michael W. Sullivan; secretary, G. C. Donahue; treasurer, W. J. Mahoney.

AMERICAN RECIPROCAL INSURANCE ASSOCIATION.

Counsel, Chas. M. Howell, Commerce Bldg., Kansas City, Mo.

SECTIONAL ORGANIZATIONS.**CENTRAL TRACTION & LIGHTING BUREAU.**

President, R. M. Bissell; vice-president, W. H. Sage; secretary-treasurer, C. G. Smith; secretaries, Wm. A. Stoney, 1 Liberty street, New York, and E. B. Hatch.

Annual meeting in November.

SOUTHERN TORNADO INSURANCE ASSOCIATION.

President, Henry E. Rees; vice-president, J. E. Lopez; secretary, W. L. Dennis.

ANCIENT AND HONORABLE ORDER OF THE BLUE GOOSE. (See page 418.)**UNDERWRITERS BUREAU OF MIDDLE AND SOUTHERN STATES.**

Manager and secretary, William A. Stoney, 1 Liberty street, New York; treasurer, Geo. W. Burchell, New York.

Annual meeting last Wednesday in February.

FIRE UNDERWRITERS ELECTRICAL BUREAU.

Manager, secretary and treasurer, Wm. A. Stoney 1 Liberty street, New York.

Annual meeting last Wednesday in February.

THE UNDERWRITERS BUREAU OF NEW ENGLAND.

Secretary and manager, Gorham Dana; treasurer, George Neiley, 141 Milk street, Boston.

Annual meeting third Wednesday in November.

NEW ENGLAND BUREAU OF UNITED INSPECTION.

Chairman, C. D. Palmer; vice-chairman, Edward C. Brush; treasurer, Clifford H. Rice; clerk and manager, E. A. Northey, 71 Kilby street, Boston.

Annual Meeting first Friday in February.

NEW ENGLAND INSURANCE EXCHANGE.

President, A. B. Fowler; vice-presidents, C. H. Rice and Wm. Lewis; secretary and treasurer, C. M. Goddard, 141 Milk street, Boston.

Annual meeting on the Saturday after the first Monday in January.

FACTORY INSURANCE ASSOCIATION.

President, H. A. Smith, Hartford, Conn.; vice-president, G. W. Babb, New York City; treasurer, Jas. Wyper, Hartford; secretary, J. H. Brewster, Hartford.

Annual meeting third Thursday in April.

UNDERWRITERS ASSOCIATION OF THE MIDDLE DEPARTMENT.

President, Smith M. Wilson; vice-president, G. G. Plyer; secretary, L. Wiederhold, Jr., 316 Walnut street, Philadelphia.

Annual meeting third Wednesday in January.

FIRE UNDERWRITERS ASSOCIATION OF THE NORTHWEST.

President, Benj. L. West; vice-president, John Fitzgerald; secretary, Guy A. Richards, 175 W. Jackson Bld., Chicago; treasurer, Chas. L. Hecox, Chicago.

Annual meeting October 6-7, 1915.

ROCKY MOUNTAIN FIRE UNDERWRITERS ASSOCIATION.*

Manager, G. E. Simonton; assistant manager, G. W. Brinamaid, Denver, Colo.

Annual meeting in October.

* Jurisdiction. Colorado. Wyoming and New Mexico.

BOARD OF FIRE UNDERWRITERS OF THE PACIFIC.

President, Russell W. Osborn, San Francisco; vice-president, R. P. Fabj; secretary, E. F. Mohrhardt, San Francisco.

Annual meeting first Friday after first Monday in May.

FIRE UNDERWRITERS ASSOCIATION OF THE PACIFIC.

President, H. P. Blanchard; vice-president, Washington Irving; secretary and treasurer, Calvert Meade, 989 Merchants Exchange Bldg., San Francisco, Cal.; assistant secretary and librarian, J. P. Moore.

Annual meeting second Tuesday after first Monday in February.

WESTERN AUTOMOBILE UNDERWRITERS CONFERENCE.

President, P. W. Cadman; vice-president, C. R. Osborn; secretary-treasurer, F. J. Sauter.

SOUTHERN ADJUSTMENT BUREAU.

President, D. B. Harris; vice-president, R. N. Hughs; secretary-treasurer, J. J. Wendle.

PACIFIC COAST AUTOMOBILE UNDERWRITERS ASSOCIATION.

President, Sam B. Stoly; vice-president, T. H. Williams; secretary and treasurer, A. E. Webber, San Francisco.

Annual meeting in February.

SOUTH-EASTERN UNDERWRITERS ASSOCIATION.

President, Chas. F. Low; vice-president, F. C. Buswell; secretary, Jos. S. Raine, Jr., Atlanta, Ga.; chairman of executive committee, W. E. Chapin; vice-chairman, Dan B. Harris.

Annual meeting in May, semi-annual in November.

ASSOCIATION OF SOUTHERN FIRE INSURANCE COMPANIES.

President, Harry R. Bush, Greensboro, N. C.; vice-president, John J. McKay, Macon, Ga.; secretary and treasurer, Chas. A. Bickerstaff, Equitable Bldg., Atlanta, Ga.

Annual meeting in May of each year.

THE EASTERN UNION.

President, John B. Morton; vice-president, J. A. Kelsey; treasurer, Geo. W. Burchell, New York; secretary, E. U. Richards, 80 William street, New York.

Annual meeting in November.

THE WESTERN UNION.

President, P. D. McGregor, Chicago; vice-president, John Marshall, Jr., Chicago; secretary, Edward B. Hatch, Insurance Exchange, Chicago.

Annual meeting in September.

WESTERN IMPROVED RISK ASSOCIATION.

President, E. G. Halle; vice-president, Neal Bassett; secretary, A. D. Baker; treasurer, C. L. Hecox.

WESTERN INSURANCE BUREAU.

Chairman, Neal Bassett; vice-chairman, A. D. Baker; secretary, Benjamin Auerbach; treasurer, C. L. Hecox; manager, M. A. Scholbe, Insurance Exchange, Chicago, Ill.

Annual meeting in April.

WESTERN FACTORY INSURANCE ASSOCIATION.

President, T. E. Gallagher; vice-president, W. L. Sherley; secretary and treasurer, C. R. Street, Insurance Exchange, Chicago, Ill.

Annual meeting on third Thursday in April.

WESTERN SPRINKLERED RISK ASSOCIATION.

President, A. D. Baker; vice-president, W. D. Williams; treasurer, E. G. Halle; secretary and manager, Fred A. Rye, 175 W. Jackson Blvd., Chicago, Ill.

Annual meeting first Wednesday in February.

WESTERN ASSOCIATION OF ELECTRICAL INSPECTORS.

President, H. M. Maxwell; vice-presidents, F. H. Moore and Emil Anderson; secretary-treasurer, Wm. S. Boyd, 1029 W. Jackson Blvd., Chicago, Ill.

Annual meeting in January.

GENERAL ADJUSTMENT BUREAU.

President, C. D. Dunlop; vice-president, C. F. Shallcross; general manager, W. J. Greer; assistant general manager, D. C. Brown; secretary and treasurer, N. B. Bassett, 80 Maiden Lane, New York.

Annual meeting second Wednesday in December.

RAILWAY UNDERWRITERS.

President, Walter H. Sage; vice-president, A. G. Dugan; secretary and treasurer, J. C. Harding; manager, George M. Fisher, Insurance Exchange, Chicago.

MILL AND ELEVATOR MUTUAL FIRE INSURANCE FIELD MENS ASSOCIATION.

President, R. G. Shaw; vice-president, O. R. Van Dyke; secretary and treasurer, Andrew W. Ross.

STATE AND CITY ORGANIZATIONS.

Alabama.

ALABAMA FIRE UNDERWRITERS ASSOCIATION.

President, R. A. Brown; vice-president, C. Hendricks; secretary and treasurer, M. M. Sweatt, Montgomery.

BIRMINGHAM FIRE AND CASUALTY INSURANCE EXCHANGE.

President, H. G. Siebels; vice-president, H. S. Going; secretary-treasurer, Ed. S. Moore.

Annual meeting second Tuesday in April.

Arkansas.

ARKANSAS ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, Joe C. Meyers; vice-president, H. F. Offenhauser, Texarkana; secretary and treasurer, E. N. Allen, Helena.

Meeting held in June.

California.

CALIFORNIA STATE ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, W. G. Thompson; vice-presidents, Noah Adair; secretary, C. Fred Burks, Oakland; treasurer, Leo R. Weil.

Annual meeting in May.

BOARD OF MARINE UNDERWRITERS OF SAN FRANCISCO.

President, E. S. Livingston; vice-president, W. E. J. Ord; secretary and treasurer, Edmund L. Woods.

Annual meeting second Tuesday in February.

UNDERWRITERS FIRE PATROL OF SAN FRANCISCO.

President, B. Faymonville; vice-president, Frank J. Devlin; secretary and treasurer, Clinton Folger.

Annual meeting third Thursday in January.

FIRE INSURANCE SOCIETY OF SAN FRANCISCO.

President, G. A. Yocum; vice-president, G. F. Alberti; secretary, P. S. W. Ramsden, 418 Montgomery street; treasurer, J. R. Dean.

Annual meeting first Tuesday in October.

FIRE UNDERWRITERS INSPECTION BUREAU, SAN FRANCISCO.

President, Bernard Faymonville; vice-president, Frank J. Devlin; secretary and treasurer, Clinton Folger.

Annual meeting third Thursday in January.

GLOBE (CAL.) BOARD OF FIRE UNDERWRITERS.

President, F. F. Towle; vice-president, B. J. Kellner; secretary, L. H. Brown; treasurer, Fred Moore.

LOS ANGELES FIRE UNDERWRITERS ASSOCIATION.

President, R. B. Stephens; vice-president, C. A. Kenyon; secretary, John Edmund Phelps; treasurer, J. W. Montgomery.

Annual meeting second Tuesday in August.

OAKLAND (CAL.) BOARD OF FIRE UNDERWRITERS.

President, L. S. Hotchkiss; vice-president, George Troy; treasurer, V. D. Stuart; secretary, C. Fred Burks.

Annual meeting in January.

SAN BERNARDINO BOARD OF UNDERWRITERS.

President, C. W. Monohan; vice-president, H. R. Scott; secretary and treasurer, W. H. Rogers.

Annual meeting first Thursday in October.

INSURANCE BROKERS EXCHANGE.

President, H. S. Manheim; vice-presidents, Jeremiah Deasy and O. J. Beyfuss; secretary and manager, D. A. Spencer, Merchants Exchange, San Francisco, Cal.

Annual meeting second Wednesday in December.

Canada.

ALL-CANADA FIRE INSURANCE FEDERATION.

President, T. L. Morrissey; secretary, C. D. Gaudet, Montreal.

Annual meeting last Wednesday in May.

CANADIAN ASSOCIATION OF AUTOMOBILE UNDERWRITERS.

President, Wm. Mackay; vice-president, A. M. M. Kirkpatrick; secretary and treasurer, L. Howgate, 524 Coristine Bldg., Montreal.

Annual meeting held in February.

CANADIAN FIRE UNDERWRITERS ASSOCIATION, QUEBEC AND ONTARIO.

President, J. Gardner Thompson, Montreal. Quebec Branch.—Vice-president, J. G. Borthwick, Montreal; secretary, Leonard Howgate, Montreal.

Ontario Branch.—Vice-president, E. F. Garrow, Toronto; secretary, J. A. Robertson, Toronto.

Annual meeting latter part of June.

THE MUTUAL FIRE UNDERWRITERS ASSOCIATION OF ONTARIO.

President, Thos. Hoskins; first vice-president, V. G. Chisholm; second vice-president, G. L. Miller; secretary and treasurer, J. J. Stewart, Brampton.

Annual meeting about February 25th at Toronto, Ont.

WESTERN CANADA FIRE UNDERWRITERS ASSOCIATION.

Chairman, C. A. Richardson; vice-chairman, R. McKay; secretary and treasurer, A. H. S. Stead. Annual meeting second Thursday of June.

NOVA SCOTIA BOARD OF FIRE UNDERWRITERS.

President, P. E. Corbett; vice-president, A. J. Bell; secretary and treasurer, Elward J. Fahie, 231 Hollis street, Halifax. Annual meeting second Tuesday in February.

ONTARIO LOCAL FIRE INSURANCE AGENTS ASSOCIATION.

President, S. C. Young, Fort William; vice-presidents, O. L. Steele and W. B. Stephens; secretary and treasurer, Neil Campbell.

VANCOUVER ISLAND FIRE UNDERWRITERS ASSOCIATION OF B. C.

President, R. E. Brett; vice-president, R. W. Douglas; secretary and treasurer, J. L. Noble. Annual meeting third Friday in May.

ASSOCIATION OF WESTERN INSURANCE SUPERINTENDENTS OF CANADA.

Chairman, Colonel E. F. Gunther; secretary, A. E. Fisher, Saskatchewan.

MAINLAND FIRE UNDERWRITERS ASSOCIATION OF BRITISH COLUMBIA.

President, Wm. Thompson; vice-president, John J. Banfield; secretary and treasurer, Andrew W. Ross. Annual meeting second Friday in May.

Colorado.**COLORADO ASSOCIATION OF INSURANCE AGENTS.**

President, David J. Main; vice-president, Chas. Bailey; secretary and treasurer, Max S. Schryer, Denver. Annual meeting in September.

DENVER FIRE INSURANCE EXCHANGE.

President, F. W. Standart; vice-president, E. P. Eppich; secretary-treasurer, J. B. Brown, Jr.

Connecticut.**CONNECTICUT ASSOCIATION OF INSURANCE AGENTS.**

President, John J. Fisher; vice-presidents, Frederick F. Small, Hartford; L. D. Rhinehart, Stamford, and James L. Case, Norwich; secretary and treasurer, J. Richard North, New Haven. Annual meeting in October.

FIRE PREVENTION ASSOCIATION OF CONNECTICUT.

President, A. H. Bullard, Bridgeport; vice-president, Joseph Kegelmeyer, New Haven; secretary, S. J. Metzger, New Haven; treasurer, Horace B. Clark, Hartford.

HARTFORD BOARD OF FIRE UNDERWRITERS.

President, Guy E. Beardsley; vice-president, F. F. Small; secretary, W. E. Langdon, 11 Central Row, Hartford; assistant secretary, C. W. Sexton; treasurer, C. M. Goddard, Boston. Annual meeting on the second Tuesday in January.

INSURANCE INSTITUTE OF HARTFORD.

President, Edgar J. Sloan; vice-presidents, H. P. Dunham, H. T. Burdette; H. A. Hopf; secretary, I. H. McCormick; assistant secretary, E. H. Adams; treasurer, Dwight North.

BRIDGEPORT FIRE UNDERWRITERS ASSOCIATION.

President, W. V. Garner; vice-president, J. H. Crossley; secretary, Henry R. Greene. Annual meeting third Wednesday in January.

UNDERWRITERS ASSOCIATION OF NORWICH, CONNECTICUT.

President, F. I. Royce; vice-president, J. F. Parker; secretary, G. B. Dolbiare; treasurer, Wm. H. Allen. Annual meeting second Tuesday in December.

NEW BRITAIN BOARD OF FIRE UNDERWRITERS.

President, D. A. Parsons; vice-president, E. W. Schulz; treasurer, Wm. G. Dunn; secretary, E. W. Sherwood. Annual meeting second Thursday in January.

WILLIMANTIC (CONN.) BOARD OF FIRE UNDERWRITERS.

President, George E. Elliott; secretary, William J. Sweeney; treasurer, C. M. Goddard, Boston. Annual meeting second Tuesday in February.

Florida.**FLORIDA LOCAL UNDERWRITERS ASSOCIATION.**

President, H. J. Draue; vice-presidents, Thos. H. Owens, D. W. Davis, W. C. Beatty, E. M. Osborne and C. A. Payne; secretary and treasurer, H. H. Root, Plant City. Annual meeting in April.

FLORIDA FIRE PREVENTION SOCIETY.

President, E. M. Hafer; vice-president, T. W. Haney; secretary and treasurer, J. A. Stevenson.

Georgia.**GEORGIA ASSOCIATION OF FIRE UNDERWRITERS.**

President, Frank B. West; vice-presidents, W. M. Coney and Jno. W. Holmes; secretary-treasurer, John E. Wilson, Savannah. Annual meeting in May.

GEORGIA LOCAL UNDERWRITERS ASSOCIATION.

President, F. W. Cole; vice-presidents, W. L. Wilson and E. B. Harrold; secretary-treasurer, C. A. Rauchenberg, Jr.

GEORGIA FIELD CLUB.

President, Chas. W. Phillips; vice-president, A. L. Brooks; secretary, Clarence Reese.

ATLANTA INSURANCE EXCHANGE.

President, Fred W. Cole; vice-president, Ruth-erford Lipscomb; secretary and treasurer, Coke Davis. Annual meeting third Tuesday in January.

COLUMBUS FIRE INSURANCE EXCHANGE.

President, C. M. Woolfield; vice-president, M. R. Flourney; secretary and treasurer, E. H. Car-gill. Annual meeting first Monday in December.

MACON FIRE UNDERWRITERS ASSOCIATION.

President, E. B. Harrold; vice-president, Henry Harris; secretary and treasurer, Henry Harris. Annual meeting in March.

BOARD OF FIRE UNDERWRITERS OF SAVANNAH.

President, W. F. Train; vice-president, W. M. Coney; secretary and treasurer, E. L. Goodman. Annual meeting last Tuesday in June.

Hawaii.

BOARD OF FIRE UNDERWRITERS OF THE TERRITORY OF HAWAII.

President, J. A. Gilman; vice-president, B. Von Damm; secretary, A. R. Gurrey, Honolulu; treasurer, Bishop Insurance Agency. Annual meeting third Thursday in July.

Illinois.

ILLINOIS ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, N. W. Tomblin, Kankakee; vice-presidents, C. J. LeMessurier, E. R. Partlow and J. C. Steck; secretary-treasurer, H. A. Morgan, Alton, Ill. Annual meeting in September; semi-annual in February.

ILLINOIS STATE BOARD OF FIRE UNDERWRITERS.

President, William J. Nolan; vice-president, Robert C. Hosmer; secretary and treasurer, Miss E. E. Edwards, Insurance Exchange, Chicago. Annual meeting last week in June.

ILLINOIS STATE FIRE PREVENTION ASSOCIATION.

President, R. F. Woltersdorff; vice-president, W. B. Marick; secretary and treasurer, J. A. Mavon, Insurance Exchange, Chicago.

ILLINOIS ASSOCIATION OF MUTUAL FIRE & WINDSTORM INSURANCE COMPANIES.

President, A. S. Turner, Winona; vice-president, J. Fox, Winona; secretary, R. C. Hanlon, Woodhull; treasurer, J. N. Hosford, Hamilton. Annual meeting in January.

ILLINOIS FIELD CLUB.

President, C. C. Nicholson; vice-presidents, T. M. Hagan, Fred Hess; secretary and treasurer, Geo. A. Brown. Annual meeting June 23 and 24.

ILLINOIS INSPECTION BUREAU.

C. F. Persch, publisher, First National Bank Bldg., Chicago.

COOK COUNTY ASSOCIATION OF RECORDING FIRE INSURANCE AGENTS.

President, Walter G. Davis; vice-president, Edward Watkins; secretary, N. W. Birkoff; treasurer, John C. Schuett. Annual meeting second Monday in January.

ALTON BOARD OF FIRE UNDERWRITERS.

President, G. H. Smiley; vice-president, A. E. Ernst; secretary and treasurer, Roy A. Blair. Annual meeting in November.

CHICAGO BOARD OF UNDERWRITERS.

President, H. G. Buswell; vice-president, B. F. Rogers; secretary, R. N. Trimmingham, Insurance Exchange; treasurer, Geo. S. Haskill. Annual meeting second Thursday in January.

UNDERWRITERS CLEARING HOUSE.

Manager, secretary and treasurer, P. N. Cutler, 2116 Insurance Exchange, Chicago.

AUTOMOBILE UNDERWRITERS BOARD OF COOK COUNTY.

President, A. T. Graham; vice-president, C. E. Rollins; secretary, F. J. Sauter; treasurer, H. V. Burrows. Annual meeting February 1st.

CHICAGO BOARD OF FIRE INSURANCE BROKERS.

President, H. A. Eschenburg; vice-president Mrs. Sara Steenberg; secretary, Hugo Dalmar, 153 La Salle street; treasurer, W. H. Rose. Annual meeting on the second Wednesday in January.

INSURANCE BROKERAGE ASSOCIATION.

President, D. F. Carpenter; vice-president, I. E. Stieglitz; secretary, Chas. L. Bliss, Insurance Exchange; treasurer, G. A. Seaverns. Annual meeting third Wednesday in January.

FIRE INSURANCE CLUB OF CHICAGO.

President, E. W. Jewell; vice-president, C. G. Wipple; secretary, H. W. Warren, Insurance Exchange; treasurer, Ross B. Whitney. Annual meeting second Tuesday in December.

GALESBURG LOCAL BOARD OF FIRE UNDERWRITERS.

President, L. W. Sanborn; secretary and treasurer, F. S. Bartlett. Annual meeting in September.

KANKAKEE BOARD OF FIRE UNDERWRITERS.

President, J. F. Shields; secretary and treasurer, Shirley Moisant. Annual meeting in October.

SPRINGFIELD UNDERWRITERS ASSOCIATION.

President, William Booth; vice-president, Geo. J. Bellersheim; secretary and treasurer, Chas. Appleyard. Annual meeting second Monday in October.

Indiana.

INDIANA ASSOCIATION OF UNDERWRITERS. (Union Companies.)

President, John Fitzgerald; vice-president, John Stone; secretary and treasurer, James M. McBeth. Annual meeting on the first Friday in November.

INDIANA ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, Joseph Bruns, New Albany; vice-presidents, A. G. Greene, H. D. Ridenour, W. G. Harrison, Anthony Hassmer, H. M. Smith, R. F. Scudder, Fred Gregory, J. D. Miltenberger, Jacob V. Derrick, J. M. McBeth, J. H. Rhoades, John A. Jones, John J. Schindler; secretary and treasurer, E. J. Blue. Annual meeting set by executive committee.

INDIANA FIELD CLUB.

President, A. E. Webb; vice-president, J. W. Reed; secretary, J. W. Noble, Indianapolis; treasurer, Chas. F. Engle. Annual meeting third Monday in December.

FIRE UNDERWRITERS ASSOCIATION OF INDIANA.

President, W. F. Watson; vice-president, James M. Larmore; secretary, W. P. Benton. Annual meeting, first Tuesday in December.

FIRE PREVENTION CLUB OF INDIANA.

President, John Stone; vice-president, H. W. Boyd; secretary and treasurer, D. B. Bennett.

MUTUAL INSURANCE COMPANIES UNION OF INDIANA.

President, Geo. V. Kell, Hometown; vice-president, Emmet Moore, Hagerstown; secretary and treasurer, H. L. Nowlin, Lawrenceburg.
Annual meeting January 6 and 7, 1916.

INDIANAPOLIS FIRE INSURANCE CLUB.

President, Thomas Stein, Jr.; vice-president, Wm. Seyler; secretary and treasurer, Ross A. Moore, 116 E. Market street.

INDIANAPOLIS INSPECTION BUREAU.

Publisher, T. S. McMurray, Jr., 1014 Lemcke Building, Indianapolis.

INDIANAPOLIS FIRE INSURANCE AGENTS ASSOCIATION.

President, O. J. Smith; vice-president, A. E. Uhl; secretary, Colin E. King; treasurer, Edwin Hill.

Annual meeting, second Tuesday in January.

INDIANA INSPECTION BUREAU.

Publisher, E. M. Sellers, Indianapolis.

INDIANA INSURANCE SOCIETY.

President, D. P. Barrett; vice-president, J. W. Kirkpatrick; secretary-treasurer, J. J. Reilly, Indianapolis.

Iowa.

IOWA MUTUAL TORNADO INSURANCE ASSOCIATION.

President, N. Densmore; vice-president, Alex. Hartley; secretary, J. B. Harriman; treasurer, John Cooper, Boone.

UNDERWRITERS CLEARING HOUSE.

Manager, P. N. Cutler, Insurance Exchange, Chicago, Ill.

IOWA FARMERS MUTUAL RE-INSURANCE ASSOCIATION.

President, P. J. Shaw; vice-president, Jno. Evans; secretary and treasurer, J. E. Brooks, Greenfield.

Annual meeting in November of each year.

IOWA INSPECTION BUREAU.

Manager, K. L. Walling, Des Moines, Ia.

IOWA STATE CONVENTION OF CO-OPER- ATIVE INSURANCE ASSOCIATIONS.

President, C. W. Hunt, Logan, Ia.; vice-president, S. A. Converse, Cresco, Ia.; secretary and treasurer, F. W. Vandruff, Council Bluffs.

Annual meeting second Tuesday in November.

IOWA STATE FIRE PREVENTION ASSO- CIATION.

President, A. M. Upham; vice-president, O. J. Davis; secretary and treasurer, F. E. Hathorn.

Annual meeting third Friday in October.

IOWA ASSOCIATION OF LOCAL INSUR- ANCE AGENTS.

President, Frank H. Bender; vice-presidents, L. W. Anderson, John Hynes, John I. Lutz, E. M. Williams, W. M. Clark, J. E. Jameson, G. M. Woodbury, C. M. Young; secretary-treasurer, H. E. Weatherbee, Waterloo.
Annual meeting in June.

DES MOINES UNDERWRITERS ASSOCIA- TION.

President, B. F. Kaufman; vice-presidents, W. C. Ballard, George W. Woodbury; secretary, W. T. Sowers; treasurer, A. J. Verran.

Kansas.

KANSAS ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, R. P. Cravens, Salina; vice-presidents, W. E. Griffith, Charles Schafner; secretary, F. R. Fitzpatrick, Salina; treasurer, C. S. Elliott, Topeka.

Annual meeting in February.

KANSAS STATE FIRE PREVENTION ASSOCIATION.

President, Chas. F. Hardy; vice-president, W. D. Perry; secretary-treasurer, F. L. Britton, Topeka.

Annual meeting third Tuesday in November.

KANSAS STATE ASSOCIATION OF MUTUAL INSURANCE COMPANIES.

President, W. B. Gasche, Topeka, Kan.; vice-president, H. F. Harbaugh, South Haven, Kan.; secretary and treasurer, A. J. Shaw, McPherson, Kan.

Annual meeting in December.

THE KANSAS INSPECTION AND FIRE PRE- VENTION OFFICE.

Proprietor and manager, Charles E. Eldridge, Topeka.

WICHITA ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, H. H. Dewey; vice-presidents, Austin Stone, E. W. Ingram; secretary and treasurer, H. R. Johnston.

Kentucky.

KENTUCKY FIRE UNDERWRITERS ASSOCIATION.

President, J. E. Chittenden; vice-president, A. T. Macpherson; secretary and treasurer, Milton C. Miller, Louisville.

Annual meeting in November.

KENTUCKY ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, Thomas C. Timberlake; vice-presidents, W. T. Chilton, Stanley Frost, Paul M. Moore; secretary and treasurer, Henry M. Coons, Louisville.

Annual meeting in May.

KENTUCKY STATE FIRE PREVENTION ASSOCIATION.

President, G. A. Curry; vice-president, H. Lee Upton; secretary-treasurer, M. C. Miller, Louisville.

KENTUCKY ACTUARIAL BUREAU.

Manager, Clem E. Wheeler, Louisville.

BOARD OF FIRE UNDERWRITERS OF NORTHERN KENTUCKY.

President, John Schupp, Newport; secretary, L. J. Droege, Covington; treasurer, John R. Bullock.

Annual meeting second Wednesday in January.

LOUISVILLE BOARD OF FIRE UNDER- WRITERS.

President, Howard W. Hunter; vice-president, Victor M. Scott; secretary, Milton C. Miller.

Annual meeting second Wednesday in January.

Louisiana.

LOUISIANA ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, J. W. Alexander; vice-presidents, P. F. Pescud, J. L. Wasey, H. Bodenheimer; treasurer, Dan A. Rose, New Orleans.

Annual meeting subject to call.

LOUISIANA AND MISSISSIPPI FIELD UNDERWRITERS ASSOCIATION.

President, T. H. Higginbotham; vice-president, Albert Hallewanger; secretary-treasurer, Fred L. Seaman, New Orleans.

LOUISIANA FIRE PREVENTION BUREAU.

President, Lucien Monroe, Jr.; vice-president, Alonzo Church; secretary, Sol Bloodworth, New Orleans.

Annual meeting October.

FIRE INSURANCE EXCHANGE OF NEW ORLEANS.

President, M. D. Hartson; secretary, Charles Samuel.

Maine.

MAINE ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS (PORTLAND, ME.).

President, W. J. Wheeler; vice-presidents, W. F. Curran, F. O. Martin and G. E. Huskins; secretary and treasurer, A. L. Orne, Rockland.

Annual meeting at call of executive committee.

CUMBERLAND COUNTY BOARD OF FIRE UNDERWRITERS (PORTLAND, ME.).

President, Thos. J. Little; vice-presidents, Norman Libby and Albert B. Hall; secretary and treasurer, Edward Remington, 67 Exchange street.

Annual meeting first Tuesday after the first Monday in January in each year.

Maryland.

MARYLAND ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, Chas. E. Goodwin, Westminster; vice-presidents, W. T. Shackelford and W. H. Gibson; secretary and treasurer, T. M. Anderson, Sykesville.

Annual meeting in February.

ASSOCIATION OF FIRE UNDERWRITERS OF BALTIMORE CITY.

President, Henry M. Warfield; vice-president, Wm. Cunningham; secretary, Charles E. Willet; treasurer, Marion K. Burch.

Annual meeting second Tuesday in January.

Massachusetts.

MASSACHUSETTS MUTUAL FIRE INSURANCE UNION.

President, Alfred H. Nash; vice-presidents, C. H. Howland and E. L. Sanders; secretary and treasurer, C. F. Danforth, 141 Milk street, Boston.

Annual meeting third Saturday in September.

MASSACHUSETTS STATE FIRE PREVENTION ASSOCIATION.

President, C. N. Blackall; vice-president, Charles N. Cole; secretary and treasurer, Charles F. Danforth, 141 Milk street, Boston.

Annual meeting in June.

MASSACHUSETTS ASSOCIATION OF FIRE INSURANCE AGENTS.

President, C. F. Wilson, Fitchburg; vice-presidents, F. S. Hamlin, E. F. Woods, T. H. Raymond, Thos. Kilbert, R. C. Steele, E. N. Slade; secretary and treasurer, Fred E. Warner, Salem.

Annual meeting in October.

BOSTON BOARD OF FIRE UNDERWRITERS.

President, E. F. Woods; vice-president, Frank A. Dewick; treasurer, A. J. Lewis; secretary, E. E. Cabot, 55 Kilby street.

Annual meeting second Tuesday in November.

BOARD OF FIRE UNDERWRITERS OF THE METROPOLITAN DIST. (BOSTON).

President, James Gould, Chelsea; vice-president, C. Fred Pierce, Cambridge; secretary and treasurer, Theodore H. Raymond, Cambridge.

Annual meeting third Tuesday in January.

INSURANCE LIBRARY ASSOCIATION OF BOSTON.

President, Gayle T. Forbush; clerk and treasurer, Edward C. Brush; librarian, D. N. Handy, 141 Milk street.

Annual meeting Friday after second Saturday in January.

BROCKTON FIRE UNDERWRITERS ASSOCIATION.

President, Warren S. Shaw; vice-president, J. H. Gordon; secretary, Willard F. Jackson; treasurer, B. M. Fullerton.

Annual meeting first Monday in June.

CAMBRIDGE BOARD OF FIRE UNDERWRITERS.

President, T. H. Raymond; vice-president, Wm. B. McCoy; secretary and treasurer, W. E. Cherry, 596 Massachusetts avenue.

Annual meeting in April.

LYNN BOARD OF UNDERWRITERS.

President, Thos. Kilvert; vice-president, James Cotter; secretary, Frank A. Smith, 145 Monroe street, Lynn; treasurer, J. B. Pearson.

Annual meeting first Tuesday in June.

NEW BEDFORD BOARD OF FIRE UNDERWRITERS.

President, John W. Paul; vice-president, Clifton H. Cornish; treasurer, Geo. A. York; secretary, Henry M. Slade.

SPRINGFIELD BOARD OF FIRE UNDERWRITERS.

President, W. I. Davis; vice-president, E. J. Dexter; secretary and treasurer, G. Herbert Ide.

Annual meeting second Monday in May.

WORCESTER BOARD OF UNDERWRITERS.

President N. A. Harrington; vice-presidents, G. A. Park and J. R. Garbutt; secretary and treasurer, Charles S. Park, 4 Barton Place, Worcester.

Annual meeting last Tuesday in April.

INSURANCE BROKERS ASSOCIATION OF MASSACHUSETTS.

President, S. R. Barton; vice-president, W. A. Mosman; secretary, E. M. Peters, 20 Kilby street, Boston; treasurer, G. A. Wellington.

Annual meeting third Tuesday in October.

Michigan.

MICHIGAN ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, James M. Crosby; vice-presidents, V. E. Schwahn, Chas. M. Thatcher, W. W. Wright, V. S. Maloney, B. P. Barnes, Leo K. Hennes; secretary and treasurer, W. A. Eldridge, 15 Atwater street, West Detroit.

Annual meeting in August.

MICHIGAN INSPECTION BUREAU.

Manager, Wm. T. Benallack, Detroit; engineer, W. E. Flickinger, Detroit; inspector, T. D. Hall, Detroit; inspector, N. C. Lowe, Jackson; inspector, J. W. Gregory, Grand Rapids; inspector, R. A. Moore, Saginaw; inspector, H. W. Trembath, Negaunee; inspector, B. J. Lowe, Kalamazoo; inspector, Fred D. Curtis, Traverse City.

MICHIGAN FIELD CLUB.

President, H. L. Spice; vice-president, G. A. Minsky; secretary, G. P. Kessberger, Detroit.

MICHIGAN STATE FIRE PREVENTION ASSOCIATION.

President, G. P. Kessberger; vice-president, H. N. Carmichael, secretary-treasurer, M. M. Hawxhurst, Detroit.

Annual meeting second Monday in May.

FIRE UNDERWRITERS OF THE CITY OF DETROIT.

President, Joseph P. Goodrich; vice-president, Leo K. Hennes; secretary, Alfred Bunclark, 86 Home Bank Building; treasurer, Harry B. Page. Not active.

BAY CITY UNDERWRITERS CLUB.

President, G. H. Ames; vice-president, Jas. Lewis; secretary, E. Van Tuyl; treasurer, Wm. Murphy.

Annual meeting first Tuesday in December.

JACKSON (MICH.) ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, W. W. Wright; vice-president, James A. Reynolds; treasurer, Lucerne Patch; secretary, Claud Kilmer.

MICHIGAN UNDERWRITERS ASSOCIATION

President, H. O. Benedict; vice-president, F. T. Macomber; secretary and treasurer, L. S. Fletcher. Annual meeting in June.

FIRE UNDERWRITERS CLUB OF SAGINAW.

President, Wm. Wallace; vice-president, Wm. F. Hemmter; secretary and treasurer, Edwin Kersten.

Annual meeting second Thursday in December.

STATE ASSOCIATION OF MUTUAL INSURANCE COMPANIES OF MICHIGAN.

President, F. G. Rix, Dowagiac; vice-president, G. L. Hoyt, Ann Arbor; secretary and treasurer, J. E. Taylor, Belding.

Annual meeting second Tuesday in February.

FIRE UNDERWRITERS CLUB OF GRAND RAPIDS.

President, James M. Crosby; vice-president, Chas. G. Watkins; secretary and treasurer, W. A. Martindale.

Annual meeting last Tuesday in October.

Minnesota.**MINNESOTA AND NORTH DAKOTA FIRE UNDERWRITERS.**

President, Byron K. Cowles; vice-president, R. W. Schemmell; secretary, E. S. Latta; treasurer, W. H. Zingg.

Annual meeting in June.

STATE ASSOCIATION OF FARMERS MUTUAL INSURANCE COMPANIES OF MINNESOTA (ST. PAUL).

President, Ole Peterson; vice-president, W. V. Brockway; secretary, A. D. Stewart, Redwood; treasurer, A. E. Leonard.

Annual meeting second Tuesday in January.

MINNESOTA ASSOCIATION OF INSURANCE AGENTS.

President, T. Williams, Mankato; vice-presidents, L. J. Rocholl, J. S. Whitacre, R. B. Knox, F. H. Barney; secretary and treasurer, W. H. Hart, St. Paul.

Annual meeting in August.

MINNEAPOLIS BOARD OF FIRE UNDERWRITERS.

President, F. H. Wagner; vice-president, Alexander Campbell; secretary and treasurer, James P. Thomson, 418 Hennepin avenue.

Annual meeting first Tuesday in June.

GENERAL INSPECTION COMPANY.

Manager, Walter I. Fisher, Plymouth Bldg., Minneapolis. Branch offices: St. Paul, E. A. Ritt, inspector; Minneapolis, Edgar Pritchard, inspector; Duluth, J. B. McLeran, inspector; Winona, H. I. Howe, inspector; Chas. J. Lund, Plymouth Bldg., Minneapolis, assistant inspector.

MINNEAPOLIS UNDERWRITERS ASSOCIATION.

President, Frank H. Barney; vice-president, F. A. Mannen; secretary and treasurer, Jacob Stone. Annual meeting second Monday in January.

THE INSURANCE EXCHANGE OF ST. PAUL MINN.

President, John Townsend; vice-president, L. G. Casserly; secretary and treasurer, W. S. Gilliam, Pioneer Bldg.

Annual meeting, second Tuesday in January of each year.

Mississippi**MISSISSIPPI UNDERWRITERS ASSOCIATION.**

President, W. F. Rumble, Winona; secretary and treasurer, J. K. Moore, Vicksburg.

Annual meeting early in June.

MISSISSIPPI INSPECTION AND ADVISORY RATING COMPANY.

President, A. A. Weille; secretary, David B. Taylor, Vicksburg.

Missouri.**MISSOURI ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.**

President, L. H. Stubbs, St. Joseph, Mo.; vice-presidents, W. D. Hemingway, Walter J. Bayles; secretary and treasurer, Lyle Stephenson.

Annual meeting in June.

MISSOURI INSPECTION BUREAU.

Managers, J. A. Waterworth and H. M. Hess; Kansas City office, F. J. Fetter, manager; G. E. Nichols, actuary.

MISSOURI FIRE PREVENTION ASSOCIATION.

President, J. W. Herd, Kansas City; secretary and treasurer, Earl Thomas, Pierce Bldg., St. Louis, Mo.

Annual meeting first Tuesday in October.

MISSOURI-KANSAS FIELD CLUB.

President, Raynolds Barnum; secretary, C. W. Wood.

KANSAS CITY (MO.) FIRE INSURANCE AGENTS ASSOCIATION.

President, Raynolds Barnum; vice-president, R. L. Stewart; treasurer, E. P. Pratt; secretary, F. D. Gore, 628 Rialto Bldg.

Annual meeting third Tuesday in December.

ST. LOUIS FIRE PREVENTION BUREAU.

President, H. M. Blossom; vice-president, F. H. Kreismann; secretary, Albert H. Schwarz; treasurer, C. J. Kehoe.

Annual meeting third Tuesday in February.

ST. LOUIS FIRE UNDERWRITERS ASSOCIATION.

President, W. D. Hemenway; vice-president, F. H. Kriesman; secretary, F. C. Case; treasurer, C. J. Kehoe.

UNDERWRITERS SALVAGE CORPS, ST. LOUIS.

President, Jos. H. Walker; vice-president, F. C. Case; secretary, C. C. Dickinson; treasurer, B. G. Chapman, Jr.
Annual meeting third Thursday in March.

Montana.

MONTANA ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, H. G. Pickett, Butte; vice-president, Geo. P. Wellsome; secretary and treasurer, E. L. Ensign, Butte.
Annual meeting third Saturday in July.

Nebraska.

NEBRASKA ASSOCIATION OF LOCAL INSURANCE AGENTS.

President, C. T. Flower; vice-presidents, Fred Walt, Gus Beecher, Jr., and N. Roberts; secretary and treasurer, Frank T. B. Martin, Omaha.
Annual meeting fixed from year to year.

NEBRASKA STATE FIRE PREVENTION ASSOCIATION.

President, E. D. McCall; vice-president, Chas. U. Hendrickson; secretary and treasurer, F. M. Pond; assistant secretary, E. R. Pratt.
Annual meeting in September.

NEBRASKA INSPECTION BUREAU.

A. G. Beeson, publisher, 101-102 McCague Bldg., Omaha, Neb.

OMAHA FIRE INSURANCE AGENTS EXCHANGE.

President, J. C. Howard; vice-president, T. T. B. Martin; secretary, W. H. Dale, Fifteenth and Dodge streets, Omaha; treasurer, L. C. Sholen.
Annual meeting second Wednesday in January.

New Hampshire.

NEW HAMPSHIRE BOARD OF UNDERWRITERS.

President, A. F. Howard; vice-president, F. W. Sargeant; secretary, Eugene P. Nute, Concord; treasurer, Walter Williamson.
Annual meeting on the first Tuesday in March.

NEW HAMPSHIRE ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, L. C. Merrill, Concord; vice-presidents, George N. Kent, Lancaster, D. W. Baker, Exeter, F. M. Sise, Portsmouth; secretary and treasurer, A. S. Bunton, Manchester.
Annual meeting in December.

New Jersey.

NEW JERSEY FIELD CLUB.

President, Frank M. Taylor, Hartford Fire of Hartford; vice-president, A. N. Hamilton, Royal Exchange of Liverpool; secretary and treasurer, H. E. Griswold, Phoenix of Hartford; chairman of executive committee, C. F. Enderly, of the New York Underwriters Agency of New York.

NEW JERSEY FIRE ACTUARIAL BUREAU.

Manager, Atlee Brown, Newark, N. J.

NEW JERSEY ASSOCIATION OF FIRE UNDERWRITERS.

President, W. M. Dickinson; vice-president, S. Merchant Meeker; secretary and treasurer, Fred J. Cox, 87 Smith street, Perth Amboy.
Annual meeting third Thursday in February.

NEW JERSEY STATE ASSOCIATION OF MUTUAL FIRE INSURANCE COMPANIES.

Vice-President, Jos. C. Bunn; secretary and treasurer, Chas. E. Reed, Rahway.
Annual meeting second Thursday in October.

ELIZABETH BOARD OF UNDERWRITERS.

President, Elwood W. Phares; vice-president, R. W. Woodward; secretary, W. A. Bourdon; treasurer, S. C. Bishop.
Annual meeting second Wednesday in March.

FIRE INSURANCE SOCIETY OF NEWARK.

President, Matthias J. Price, Newark; vice-presidents, Frank B. Heller and Bennett H. Fischer; secretary and treasurer, Geo. H. Murdock, 702 Union Bldg., Newark.
Annual meeting second Tuesday in December.

New York.

UNDERWRITERS ASSOCIATION OF NEW YORK STATE.

President, W. C. Roach; vice-presidents, J. H. Vreeland, E. H. Hornbostel; secretary and treasurer, R. G. Potter, Syracuse; assistant secretary, F. E. Jenkins.
Annual meeting second Tuesday in January.

NEW YORK STATE ASSOCIATION OF SUPERVISING AND ADJUSTING FIRE INSURANCE AGENTS.

President, J. H. Vreeland, Rochester; vice-president, W. W. Lenox, Albany; secretary and treasurer, C. H. Folsom, Syracuse.
Annual meeting in July.

NEW YORK STATE ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, G. T. Amsden, Rochester; vice-presidents, James Doyle, Oswego; Fred G. Horton, Oswego; Edward C. Roth, Buffalo; S. C. Goodrich, Newburgh; Edward S. Hawley, Buffalo; Fred V. Bruns, Syracuse; secretary, C. H. Curtin, Rochester; treasurer, Charles C. McNitt, Norwich.
Annual meeting in May.

NEW YORK STATE CENTRAL ORGANIZATION OF CO-OPERATIVE FIRE INSURANCE.

President, W. H. Vary, Watertown; vice-president, Edwin Knickerbocker, Bangall; secretary and treasurer, N. F. Webb, Cortland.
Annual meeting fourth Wednesday in January.

BOARD OF UNDERWRITERS OF NEW YORK (MARINE).

President, A. A. Raven; vice-president, Herbert Fuller; secretary, J. H. Platt, 51 Wall street; treasurer, Cornelius Eldert.
Annual meeting first Thursday in May.

FIRE BROKERS ASSOCIATION OF THE CITY OF NEW YORK.

President, John A. Eckert; vice-president, F. S. Little; secretary, Harrison Law, 55 John street; treasurer, F. W. Stillman.
Annual meeting third Wednesday in March.

INSURANCE SOCIETY OF NEW YORK.

President, Charles J. Holman; vice-presidents, C. H. Holland, H. W. Lowe, Ira H. Woolson, David Rumsey; secretary and treasurer, Ed. R. Hardy, 84 William street; librarian, Maude E. Inch.

Annual meeting fourth Tuesday in May.

NEW YORK BOARD OF FIRE UNDERWRITERS.

President, C. F. Shallcross; vice-president, John H. Kelly; secretary and treasurer, A. M. Thorburn; assistant secretary, Curtis C. Wayland; assistant treasurer, W. L. Chambers.

Committee on Finance.—H. W. Eaton, J. G. Hilliard, Harold Herrick, J. A. Kelsey, E. G. Snow, A. H. Wray, Thomas A. Ralston.

Committee on Fire Patrol.—Geo. B. Edwards, M. J. Ennis, J. G. Hilliard, E. E. Pearce, Wallace Reid, E. G. Snow, Charles H. Post.

Committee on Laws and Legislation.—George W. Burchell, R. D. Harvey, Geo. B. Edwards, J. A. Kelsey, David Rumsey, C. G. Smith, E. G. Richards.

Committee on Losses and Adjustments.—Percival Beresford, Charles L. Case, J. Montgomery Hare, Geo. C. Howe, George W. Hoyt, Joseph McCord, W. L. Perrin, Wallace Reid, W. B. Ogden, Graham Scott, A. H. Wray.

Committee on Surveys.—Fred'k H. Crum, William Hare, Howard Hampton, J. F. Hastings, H. N. Kelsey, W. L. Perrin, C. G. Smith.

Committee on Electricity.—N. S. Bartow, R. C. Christopher, Joseph McCord, James Marshall, Hart Darlington, A. E. Miller, W. B. Ogden.

Committee on Origin of Fires.—Frank Lock, E. E. Pearce, J. A. Kelsey, Joseph McCord, S. R. Weed, Thomas A. Ralston.

Committee on Arbitration.—William N. Kremer, George W. Babb, J. Montgomery Hare, E. R. Kennedy, Edward F. Boddall, A. H. Wray.

Committee on Patents.—F. O. Affeld, R. D. Harvey, Wallace Reid, C. G. Smith, James Marshall, John M. Talbot.

Committee on Membership.—Thomas A. Ralston, J. A. Kelsey, Joseph McCord, E. E. Pearce, Frank Lock, S. R. Weed.

Committee on Water Supply and Fire Department.—C. G. Smith, George W. Babb, Henry Evans, R. Bleeker Rathbone, J. Montgomery Hare.

Committee on Fire Patrol Relief Fund.—E. E. Pearce, Thomas A. Ralston, George B. Edwards, J. G. Hilliard, E. G. Snow, M. J. Ennis, Charles H. Post, A. M. Thorburn, Wallace Reid.

CO-OPERATIVE FIRE UNDERWRITERS OF NEW YORK STATE.

President, W. D. Colclough; vice-president, O. C. Stevens; secretary-treasurer, Frank P. Tucker, 68 State street, Albany.

Annual meeting second Thursday in February.

NEW YORK FIRE INSURANCE EXCHANGE.

President, Geo. W. Hoyt; vice-president, Frederick C. Buswell; secretary and treasurer, A. M. Thorburn; manager, Willis O. Robb, 123 William street, New York City.

Annual meeting second Wednesday in March.

SUBURBAN FIRE INSURANCE EXCHANGE, NEW YORK.

President, Joseph McCord; vice-president, Daniel F. Prentice; treasurer, A. M. Thorburn; secretary and manager, H. E. Hess, 123 William street; treasurer, A. M. Thorburn.

Annual meeting third Tuesday in April.

ALBANY BOARD OF UNDERWRITERS.

President, Edgar M. Griffiths; vice-president, E. J. Dignum; secretary, Thos. C. Naulty, 80 State street; treasurer, George H. Russell.

Annual meeting third Tuesday in April.

ALBANY FIELD CLUB.

President, J. B. Dacey; vice-president, A. T. Lovett; secretary, C. H. Smith; treasurer, R. W. Wright.

UNDERWRITERS ASSOCIATION OF CITY OF AUBURN.

President, R. R. Cross; vice-president, F. C. Colwell; secretary, J. W. Hart.

BINGHAMTON UNDERWRITERS ASSOCIATION.

President, Wm. H. Hecox; vice-president, Rufus G. Wadsworth; treasurer, R. B. Davis; secretary, W. S. Reed.

Annual meeting first Monday in December.

UNDERWRITERS SOCIETY OF BROOKLYN.

President, C. H. Bainbridge; vice-presidents, E. H. Driggs, B. E. Gender; treasurer, M. A. Brennan; secretary, F. Stussy, Jr., 172 Montague street, Brooklyn.

Annual meeting second Wednesday in March.

BUFFALO ASSOCIATION OF FIRE UNDERWRITERS.

President, F. L. A. Cady; vice-president, Edwin B. Eggert; secretary, Ward H. McPherson; treasurer, L. G. Morgan; manager, E. H. Sigison.

Annual meeting first Wednesday in April.

COHOES LOCAL BOARD OF FIRE UNDERWRITERS.

President, J. Laughlin; vice-president, W. T. Ford; secretary, W. K. Michel; treasurer, M. A. Granger.

CORNING AND VICINITY BOARD OF FIRE UNDERWRITERS.

President, F. C. Williams; vice-president, M. J. Frantz; secretary and treasurer, Oliver A. Casey.

Annual meeting first Monday in October.

HORNELL BOARD OF FIRE UNDERWRITERS.

President, Jos. Cameron; vice-president, W. H. Murray; secretary-treasurer, W. M. Dunning.

BOARD OF FIRE UNDERWRITERS OF LOCKPORT.

President, Fred Ringueberg; vice-president, W. A. Dickinson; secretary, Grace C. Moody.

Annual meeting first Tuesday in January.

NEWBURGH BOARD OF FIRE UNDERWRITERS.

President, LeGrand W. Pellett; vice-president, Henry J. Wilkins; secretary-treasurer, Daniel S. Geron.

Annual meeting first Tuesday of January.

BOARD OF FIRE UNDERWRITERS OF NIAGARA.

President, Harry Highland; vice-president, M. M. Oppenheim; secretary and treasurer, D. W. Campbell.

Meeting last Monday of January.

OSWEGO LOCAL BOARD OF FIRE UNDERWRITERS.

President, F. M. Riley; vice-president, F. W. Parker; secretary, John A. Gravelly.

**UNDERWRITERS ASSOCIATION,
DUTCHESS COUNTY, N. Y.**

President, W. W. Luckey; vice-president, Ralph Jones; secretary and treasurer, James W. Finch.

**FIRE UNDERWRITERS ASSOCIATION OF
ROCHESTER, N. Y.**

President, Robert S. Paviur; vice-president, Gilbert T. Amsden; treasurer, Buell P. Mills; secretary, E. M. Sparlin.

Annual meeting second Monday in February.

**ROME LOCAL BOARD OF FIRE UNDER-
WRITERS.**

President, R. H. Jones; vice-president, P. R. Huggins; secretary and treasurer, E. D. Besley.

**SARATOGA SPRINGS BOARD OF FIRE
UNDERWRITERS.**

President, G. R. P. Shackelford; vice-president, L. M. Jones; secretary and treasurer, B. H. Searling.

Annual meeting first Monday in January.

**SCHENECTADY BOARD OF FIRE UNDER-
WRITERS.**

President, F. H. Dettbarn; vice-president, E. J. Ryon; treasurer, E. E. Yelverton; secretary, A. Fowler, 246 State street.

Annual meeting first Tuesday in January.

**SYRACUSE BOARD OF FIRE UNDER-
WRITERS.**

President, F. V. Bruns; vice-president, A. T. Armstrong; secretary, Glenn H. Johnson; treasurer, L. F. Leighton.

Annual meeting second Monday in February.

**TROY (N. Y.) BOARD OF UNDER-
WRITERS.**

President, W. H. Breese, Jr.; vice-president, Wm. V. Donovan; treasurer, Thos. W. Hislop; secretary, Wm. S. Gunnison.

Annual meeting first Thursday after first Monday in January.

**FIRE UNDERWRITERS ASSOCIATION OF
UTICA.**

President, S. F. Day; vice-president, A. D. Jones; secretary, W. Harry Floyd; treasurer, J. T. Evans.

Annual meeting second Monday in January.

**WATERFORD BOARD OF FIRE UNDER-
WRITERS.**

President, S. C. Bull; vice-president, Francis A. Martin; secretary, W. A. Dennis; treasurer, D. McKay.

Annual meeting first Monday in July.

**BOARD OF FIRE UNDERWRITERS OF
THE CITY OF WATERTOWN.**

President, A. T. Matthews; vice-president, Omar A. Hine; secretary and treasurer, Clarence J. Green, Watertown, N. Y.

Annual meeting in October.

**WAVERLY BOARD OF FIRE UNDER-
WRITERS.**

President, F. E. Lyford; secretary, Edson A. Tilton, Waverly, N. Y.

Annual meeting in January.

**BOARD OF FIRE UNDERWRITERS OF
THE CITY OF YONKERS.**

President, Theodore R. Heinrichs; vice-president, William Gaul; secretary and treasurer, B. E. Sillard.

Annual meeting last Thursday in January.

North Carolina.

CAROLINA FIELD CLUB.

President, G. P. Folk; vice-presidents, J. M. Robertson and W. E. Ashley; secretary, D. M. Murchison, Charlotte, N. C.

Annual meeting second Tuesday in July.

**NORTH CAROLINA FIRE PREVENTION
ASSOCIATION (CHARLOTTE).**

President, Ben. J. Smith, Charlotte; vice-president, R. S. Busbee, Raleigh; secretary and treasurer, E. E. Gray, Jr., Charlotte.

Annual meeting in September.

**NORTH CAROLINA ASSOCIATION OF
INSURANCE AGENTS.**

President, W. B. Merrimon; vice-presidents, E. E. Emerson and W. C. Lindsey; secretary and treasurer, W. E. Sharp, Burlington.

Annual meeting in June.

**LOCAL BOARD OF FIRE UNDERWRITERS
OF WILMINGTON.**

President, Walker Taylor; vice-presidents, F. A. Lord; secretary and treasurer, S. M. Boatwright.

Annual meeting first Tuesday in January.

North Dakota.

**ASSOCIATION OF LOCAL FIRE INSUR-
ANCE AGENTS OF FARGO.**

President, Thos. Baker, Jr.; vice-president, C. H. Anheier; secretary and treasurer, S. J. Hill.

Annual meeting first Monday in July.

Ohio.

**OHIO STATE FIRE PREVENTION ASSO-
CIATION (COLUMBUS).**

President, Clark O. Wood; vice-president, R. D. Wylie; secretary-treasurer, Mrs. H. C. Neff, 807 New First National Bank Building, Columbus.

Annual meeting first Tuesday in May.

**OHIO ASSOCIATION OF FIRE INSUR-
ANCE AGENTS.**

President F. C. McElroy, Columbus; vice-presidents, Geo. J. Wideman, Toledo, and E. E. Shipley, Cincinnati; secretary and treasurer, Mrs. S. C. Neff, Columbus, 807 New First National Bank Building.

OHIO FIELD CLUB.

President, B. T. Duffy; vice-president, W. J. Biggs; secretary and treasurer, Neal C. Rowland, Columbus.

INSURANCE FEDERATION OF OHIO.

President, W. S. Diggs, Cincinnati; vice-president, Lee Elliott, Seville; treasurer, C. W. Bryson, Columbus; secretary, E. W. Davis.

**FEDERATION OF MUTUAL INSURANCE
ASSOCIATION OF OHIO.**

President, Amos Keller, Bucyrus; vice-president, O. A. Rice, Farmer; secretary, Chas. P. Troup, Upper Sandusky; treasurer, J. W. Elsea, Adamsville.

Annual meeting third Tuesday in February.

**FARMERS MUTUAL FIRE PROTECTION
ASSOCIATION.**

President, W. M. Battershall; vice-president, P. N. Richardson; secretary, O. A. Rice, Farmer; Ohio, treasurer, O. D. Ensign, Farmer.

Annual meeting first Saturday after first Wednesday in January.

FIRE UNDERWRITERS FIELD CLUB OF OHIO.

President, J. A. Cloud; vice-president, C. B. Dye; secretary-treasurer, Aaron W. Jones. Annual meeting in December.

OHIO ASSOCIATION OF FIRE UNDERWRITERS.

(Bureau Companies.)

President, H. E. Boning; vice-president, E. J. Carter; secretary and treasurer, R. D. Wiley, 506 Brunson Building, Columbus. Annual meeting first Tuesday in December.

OHIO INSPECTION BUREAU.

Manager, T. B. Sellers, Hartman Building, Columbus, Ohio.

CINCINNATI FIRE PREVENTION BUREAU.

Manager, George W. Cleveland, 1403 First National Bank Building.

INSURANCE SOCIETY OF CLEVELAND.

President, Lucien A. Wilbor; vice-president, B. T. Duffey; treasurer, George C. Simpson; secretary, Ford A. Drake; librarian, Bernard T. Duffey.

FIRE UNDERWRITERS CLUB OF CINCINNATI.

President, L. E. Guntrum; vice-president, Joseph E. Gunther; secretary, Wm. Stredelman; treasurer, E. F. Weiss. Annual meeting on the first Wednesday in January.

CLEVELAND INSPECTION BUREAU.

Manager, C. H. Patton, Plain Dealer Building, Cleveland.

CLEVELAND FIRE INSURANCE EXCHANGE.

President, G. C. Simpson; vice-president, R. H. Perdue; secretary and treasurer, M. C. Willis, Chamber of Commerce Building. Annual meeting second Tuesday in February.

COLUMBUS FIRE INSURANCE CLUB.

President, Austin McElroy; vice-president, Jas. O. Kane; secretary and treasurer, Chas. L. Brownlee. Annual meeting fourth Tuesday in June.

LORAIN UNDERWRITERS ASSOCIATION.

President, Jos. A. Cozad; vice-president, F. W. McIlhaine; secretary, W. J. Coulter; treasurer, C. P. Hitchcock. Annual meeting first Friday in January.

TOLEDO FIRE UNDERWRITERS ASSOCIATION.

President, K. C. Rowland; vice-president, Judd Richardson; secretary-treasurer, W. J. Schroeder. Annual meeting first Tuesday in April.

Oklahoma.**LOCAL ASSOCIATION OF INSURANCE MEN, OKLAHOMA CITY.**

President, Eugene Whittington; vice-president, H. S. Clark; secretary and treasurer, J. S. Cooley. Annual meeting in October of each year.

OKLAHOMA ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, Mark E. Carr, Oklahoma City; vice-presidents, L. C. McClure, Chas. Hashan and R. E. Unger; secretary and treasurer, L. N. Ewing, Oklahoma City. Annual meeting last week in September.

OKLAHOMA STATE FIRE PREVENTION ASSOCIATION.

President, John Benson; vice-president, W. H. Schlack; secretary and treasurer, Henry Ludlow, 617 Insurance Building. Annual meeting September 15.

OKLAHOMA SOCIETY FOR THE CONSERVATION OF LIFE AND PROPERTY.

President, C. C. Hammonds, State Fire Marshal; vice-presidents, R. C. Adler, Tulsa; G. E. Bancroft, Butler; Walter Brown, Purcell; secretary and treasurer, Chas. Slomp, Anadarko. Annual meeting December 22, 1914.

OKLAHOMA STATE ASSOCIATION OF MUTUAL FIRE INSURANCE COMPANIES.

President, R. I. Boyington Carrier; secretary, W. H. Sweatt, Oklahoma City. Annual meeting in January and first Monday in August.

Oregon.**FIRE INSURANCE CLUB OF PORTLAND, ORE.**

President, W. H. Raymond; vice-president, H. E. Parkhurst; secretary, R. E. Smith.

Pennsylvania.**PENNSYLVANIA ASSOCIATION OF LOCAL AGENTS**

President, Leo Schlandecker, Erie; vice-presidents, A. P. Dare, C. M. Bender and J. W. Evans; secretary-treasurer, Howard M. Bird, Harrisburg. Annual meeting about June 16.

PENNSYLVANIA ASSOCIATION OF MUTUAL FIRE INSURANCE COMPANIES.

President, C. R. Lantz, Lebanon; vice-presidents, O. S. Marshall, Rural Valley; John A. Bower, Landisburg; treasurer, George T. Ingham, Towanda; secretary, H. R. Gibbel, Lititz. Annual meeting in August.

FIRE INSURANCE SOCIETY OF PHILADELPHIA.

President, E. A. Law; vice-presidents, Miles C. Young and A. C. Rommel; secretary, Chas. J. Fitzgerald; treasurer, James A. McGann. Annual meeting Monday before third Tuesday in January.

PHILADELPHIA FIRE UNDERWRITERS ASSOCIATION.

Chairman, Chas. R. Peck; vice-chairman, Chas. Platt, Jr.; secretary and treasurer, Charles A. Hexamer, C. E.; assistant secretary, A. G. Patton, 181-141 South Fourth street, Philadelphia. Annual meeting on the second Wednesday in November.

INSURANCE BROKERS ASSOCIATION OF PHILADELPHIA.

President, John W. Doriss; vice-president, Wm. C. O'Neill; secretary and treasurer, Herbert Davies, 411 Walnut street. Annual meeting in February.

PHILADELPHIA SUBURBAN UNDERWRITERS ASSOCIATION.

Chairman of managing committee, Chas. Platt, Jr.; manager and treasurer, A. P. Stradling, 331-87 Walnut street.

BOARD OF FIRE UNDERWRITERS OF ALLEGHENY COUNTY (PA.).

President, G. M. McCandless; vice-president, L. E. Johns; treasurer, Thomas D. Keller; secretary, Richard J. Trimble. Annual meeting on the second Thursday in January.

HARRISBURG UNDERWRITERS ASSOCIATION.

President, W. M. Robinson; vice-president, Elmer Balser; secretary and treasurer, David S. Blessing.
Annual meeting second Tuesday in January.

McKEESPORT BOARD OF FIRE UNDERWRITERS.

President, G. F. Myer; vice-president, Scott M. Stewart; secretary, Mrs. Adda P. Webb; treasurer, T. D. Gardner.
Annual meeting Tuesday preceding third Thursday in January.

READING UNDERWRITERS ASSOCIATION.

President, W. Morris Deisher; vice-president, Daniel J. McDermott; secretary and treasurer, Harry B. Weand, 407-8 Baer Building, Reading.
Annual meeting second Monday in December.

FIRE INSURANCE SOCIETY OF PITTSBURGH.

President, Edw. Benswanger vice-presidents, A. C. Darragh, W. T. Boda and C. C. Kohn; secretary, P. E. Zimmerman, 814 Fourth avenue; treasurer, H. P. Lichtenthaler.
Annual meeting November, 1915.

Rhode Island.

INSURANCE ASSOCIATION OF PROVIDENCE.

President, Chester F. Newcomb; vice-president, Robt. L. Spencer; secretary and treasurer, Paul A. Colwell, 33 Weybosset street; assistant secretary, Edward Devine.
Annual meeting third Monday in September.

RHODE ISLAND ASSOCIATION OF INSURANCE AGENTS.

President, James Gallivan, Jr., Providence; vice-presidents, Geo. R. Smith, Robert L. Spencer and Frank E. Brown.

South Carolina.

SOUTH CAROLINA UNDERWRITERS ASSOCIATION.

President, James H. Cathcart; vice-president, Perry Moses; secretary and treasurer, Sam M. Grist, Yorkville.
Annual meeting third Wednesday in May.

SOUTH CAROLINA FIRE PREVENTION ASSOCIATION.

President, Edward Cay; vice-president, Geo. Harrington; secretary and treasurer, Joe L. Edelman, Columbia.
Annual meeting in September.

CHARLESTON BOARD OF FIRE UNDERWRITERS.

President, John B. Reeves; vice-president, F. M. Robertson; secretary, H. J. O'Neill.
Annual meeting last Tuesday in May.

COLUMBIA (S. C.) LOCAL FIRE UNDERWRITERS CLEARING HOUSE ASS'N.

President, J. M. Cauley; vice-president, J. A. Cathcart; secretary and treasurer, W. C. Swaffeld.

South Dakota.

THE SOUTH DAKOTA MUTUAL BOARD OF UNDERWRITERS.

President, O. A. Rudolph, Canton; vice-president, S. H. Helger, Aberdeen; secretary, I. Keith, Lake Preston; treasurer, J. O. Walrath, Mitchell.
Annual meeting takes place October 22.

SOUTH DAKOTA STATE FIRE PREVENTION ASSOCIATION.

President, W. H. Rains; vice-president, E. W. Pepper; secretary and treasurer, N. S. Tyler, Sioux Falls.
Annual meeting held in July.

Tennessee.

TENNESSEE UNDERWRITERS ASSOCIATION OF LOCAL INSURANCE AGENTS.

President, L. Y. Mason, Memphis; vice-presidents, R. P. Johnson, J. T. Owen, R. S. Carnes, L. T. Loventhal, W. A. Walker and G. T. Wolford; secretary and treasurer, O. A. Smith, Memphis.
Annual meeting in September at Memphis.

TENNESSEE FIRE PREVENTION ASSOCIATION.

President, Robt. H. Williams; vice-president, J. N. Picton; secretary-treasurer, R. W. Davis.
Annual meeting second Tuesday in January.

TENNESSEE INSPECTION BUREAU.

Manager, Elliott Middleton, Nashville, Tenn.

CHATTANOOGA FIRE UNDERWRITERS ASSOCIATION.

President, H. F. Wening; vice-president, N. H. Grady; secretary, H. W. Spencer; treasurer, Stanley Lachman.
Meeting third Tuesday in each month.

KNOXVILLE INSURANCE EXCHANGE.

President, H. M. Simmonds; vice-president, H. G. McMillan; secretary and treasurer, C. W. Searle.
Annual meeting in January.

NASHVILLE BOARD OF UNDERWRITERS.

President, J. V. Crockett; vice-president, J. O. Treanor; secretary and treasurer, Roger Caldwell.
Annual meeting fourth Thursday in January.

FIRE INSURANCE CLUB OF MEMPHIS.

President, L. Y. Mason; vice-presidents, Lee Sullivan and J. T. Smith; secretary, Everett Brooks; treasurer, Leo C. Hirsch.
Annual meeting Friday after first Monday in January.

NASHVILLE FIRE INSURANCE ASSOCIATION.

President, W. D. Gale; vice-president, L. J. Loventhal; secretary and treasurer, J. C. Bradford, Jr.
Annual meeting in January.

Texas.

TEXAS ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, G. M. Seay; first vice-president, P. W. Terry; second vice-president, W. G. Tobin; secretary-treasurer, W. R. Ellis, Dallas.
Annual meeting in May.

LOCAL UNDERWRITERS ASSOCIATION OF TEXAS.

President, O. H. Millican, Austin; vice-presidents, S. Hundley, Moody; Charles Motz, Jr., Abilene; M. Earle; secretary and treasurer, William N. Stacey, Austin.
Annual meeting in April or May.

BEAUMONT FIRE INSURANCE EXCHANGE.

President, Singleton Bryan; vice-presidents, T. V. Smelker and J. S. Edwards; secretary, R. E. Smith, 350 Bowie street, Beaumont, Tex.
Annual meeting second Tuesday in May.

GALVESTON BOARD OF UNDERWRITERS.

President, I. Lovenburg; vice-president, G. T. Austin; secretary and treasurer, E. E. Rice.
Annual meeting second Thursday in March.

Utah.**UTAH ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.**

President, Hugh Anderson; secretary and treasurer, Eugene M. Cannon, Salt Lake City.
Annual meeting on Saturday nearest October 6.
Not at present in active operation.

FIRE UNDERWRITERS ASSOCIATION OF SALT LAKE CITY.

President, E. L. Sloan; vice-president, J. B. Moreton; secretary, D. A. Homan; treasurer, H. B. Windsor.
Annual meeting second Saturday in January.

Vermont.**VERMONT ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.**

President, H. H. Hickok, Burlington; vice-presidents, A. B. Noys and Gilbert F. Davis; secretary, Geo. F. Root, Newport, Bradford; treasurer, W. A. Clark, Rutland.
Annual meeting in October.

NORTHEASTERN VERMONT ASSOCIATION OF UNDERWRITERS.

President, Geo. P. Moore; vice-presidents, Chas. L. Stuart, Harvey W. Eaton; secretary and treasurer, C. S. Hastings, St. Johnsbury.
Annual meeting second Thursday in April.

BOARD OF FIRE UNDERWRITERS OF ADISON AND CHITTENDEN COUNTIES.

President, T. S. Peck, Burlington; vice-president, C. T. S. Pierce; secretary, Frederick M. Bell; treasurer, E. W. J. Hawkins, Burlington.
Annual meeting first Tuesday in April.

BOARD OF FIRE UNDERWRITERS OF FRANKLIN AND GRAND ISLE COUNTIES.

President, N. N. Atwood, St. Albans; secretary and treasurer, F. M. Bell, Burlington.
Annual meeting last Monday in October.

Virginia.**VIRGINIA ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.**

President, G. McG. Goodridge; vice-presidents, M. J. Strauss and E. E. Goodwyn; secretary and treasurer, S. T. Pulliam, Richmond.
Annual meeting in May.

VIRGINIA FIELD CLUB.

President, E. H. Jones; vice-president, G. B. Jennings; secretary and treasurer, B. C. Lewes, Jr., Richmond.
Annual meeting in October.

VIRGINIA FIRE PREVENTION ASSOCIATION.

President, J. M. Waller; vice-president, A. H. Harris, Richmond; secretary and treasurer, P. W. D. Jones, 710 American National Bank Bldg., Richmond.
Annual meeting fourth Thursday in October.

ASSOCIATION OF FIRE UNDERWRITERS OF PORTSMOUTH, VIRGINIA.

President, Jas. V. Parker; vice-president, Carroll Myers; secretary and treasurer, F. T. Briggs.
Annual meeting in January.

Washington.**WASHINGTON STATE ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.**

President, H. B. Schirllm, Seattle; vice-president, T. K. Binnie, Spokane; secretary and treasurer, R. E. Mahaffay, Tacoma.
Annual meeting April 10.

BOARD OF MARINE UNDERWRITERS AT SEATTLE.

President, D. J. Fraser; vice-president, F. G. Taylor; secretary and treasurer, E. H. Hutchison, 317-18 Mutual Life Bldg., Seattle.
Annual meeting second Thursday in December.

SEATTLE BOARD OF FIRE UNDERWRITERS.

President, W. P. Smith; vice-president, O. W. Crockett; secretary and treasurer, B. W. Baker.
Annual meeting second Wednesday in January.

SPOKANE ASSOCIATION OF LOCAL FIRE INSURANCE AGENTS.

President, Thos. K. Binnie; vice-president, F. S. Jones; secretary and treasurer, Theo. Gentsch.
Annual meeting third Monday in January.

TACOMA FIRE INSURANCE AGENTS ASSOCIATION.

President, J. H. Davis; vice-president, A. H. Bassett; secretary and treasurer, E. L. Hibely, 1007 A street.
Annual meeting second Wednesday in February.
Monthly meeting the 13th of each month.

SPECIAL AGENTS ASSOCIATION OF THE PACIFIC NORTHWEST.

President, W. H. Raymond; vice-presidents, A. N. Lindsey and J. T. O'Brien; secretary-treasurer, Wm. M. Patterson.
Annual meeting first Monday in December.

West Virginia.**WEST VIRGINIA FIRE UNDERWRITERS ASSOCIATION.**

President, R. H. Cooper; vice-president, W. H. McGervey; secretary and treasurer, A. S. Whiteley, Wheeling.
Annual meeting in February.

WEST VIRGINIA ASSOCIATION OF INSURANCE AGENTS.

President, C. W. Evans; vice-presidents, R. A. Fose and E. E. Cooke; secretary and treasurer, S. Lindwood.
Annual meeting in June.

WEST VIRGINIA INSPECTION BUREAU.

Manager, T. B. Sellers, Hartmon Bldg., Columbus, Ohio.

Wisconsin.**WISCONSIN STATE FIRE PREVENTION BUREAU.**

President, H. L. Dalton; vice-president, J. H. Harbeck; secretary and treasurer, C. E. Cormany; assistant secretary, G. M. Fielding.
Annual meeting June 26, 1913.

WISCONSIN FIELD MENS CLUB.

President, Milton A. Freedy; vice-president, Robert Bird; secretary and treasurer, George G. Wright.
Annual meeting in June.

WISCONSIN FIRE INSURANCE CLUB.

President, J. Henry Harbeck; vice-president, P. J. Dudley; secretary-treasurer, E. H. Zentner.

WISCONSIN ASSOCIATION OF MUTUAL INSURANCE COMPANIES.

President, W. M. Lewis; vice-president, J. E. Brett; secretary, W. W. Gillies, Evansville; treasurer, Geo. A. Ure.
Biennial meeting Wednesday after first Monday in February on such years as the legislature meets.

WISCONSIN ASSOCIATION OF INSURANCE AGENTS.

President, A. H. Zimmerman; vice-presidents,

F. J. Meyer, Mrs. John West, Walter Hartshorn, Charles Erhart, A. G. Dana, Don VanWart and J. Koffend; secretary and treasurer, George Y. Wilkinson, 185 Grand avenue, Milwaukee.

Annual meeting fixed by officers.

MILWAUKEE BOARD OF FIRE UNDERWRITERS.

President, Theodore Zillmer; vice-president, H. Pfeil; secretary, J. O. Myers; treasurer, Emil P. Hunkel.

Annual meeting second Wednesday in October.

CITY AND VILLAGE MUTUAL UNDERWRITERS ASSOCIATION.

President, Nathan Haessly, Theresa; first vice-president, Joseph Schmidt, Kewaskum; second vice-president, George A. Jacobs, Janesville; secretary and treasurer, H. A. Wrucke, Campbellsport, Wis.

Annual meeting second Tuesday in February.

KENOSHA FIRE INSURANCE AGENTS ASSOCIATION.

President, Charles A. Tarbell; vice-president, Chas. H. Pfennig; secretary and treasurer, Jas. E. Tully.

Annual meeting first Monday of December.

STATE FIRE MARSHALS ASSOCIATION OF NORTH AMERICA.

President, Walter H. Bennett, Springfield, Ill.; Secretary-Treasurer, Clem P. Host, Madison, Wis. Executive committee, J. L. Baldwin, Harrisburg, Pa.; E. R. Defenbaugh, Columbus, Ohio, officers of the association.

STATE FIRE MARSHALS.

Below will be found a list of State and Provincial marshals in the United States and Canada:

States.	Fire Marshals.	Addresses.
Alabama.....	Lorrie Rice.....	Montgomery
British Columbia.....	Ernest F. Gunther.....	Victoria
Connecticut.....	Thos. F. Egan.....	Hartford
Dist. of Columbia.....	Philip W. Nicholson.....	Washington
Illinois.....	Walter H. Bennett.....	Springfield
Indiana.....	W. E. Longley.....	Indianapolis
Iowa.....	O. O. Roe.....	Des Moines
Kansas.....	Lew T. Hussey.....	Topeka
Kentucky.....	C. C. Bowsworth.....	Lexington
Louisiana.....	C. H. Trousdale.....	Monroe
Maine.....	J. W. Blunt.....	Augusta
Manitoba.....	A. Lindbeck.....	Winnipeg
Maryland.....	G. Ed. Myers.....	Baltimore
Michigan.....	John T. Winship.....	Lansing
Minnesota.....	Robt. U. Hargadine.....	St. Paul
Mississippi.....	J. W. Miller.....	Jackson

States.	Fire Marshals.	Addresses.
Montana.....	W. W. McCormick.....	Helena
Nebraska.....	W. S. Ridgell.....	Lincoln
North Carolina.....	J. R. Young.....	Raleigh
North Dakota.....	A. H. Runge.....	Grand Forks
Ohio.....	E. R. Defenbaugh.....	Columbus
Oklahoma.....	C. C. Hammonds.....	Oklahoma City
Pennsylvania.....	Joseph L. Baldwin.....	Harrisburg
Saskatchewan.....	R. J. McLean.....	Regina
South Carolina.....	B. A. Wharton.....	Cross Hill
South Dakota.....	S. E. Crans.....	Pierre
Tennessee.....	E. E. Butler.....	Nashville
Texas.....	Walter Inglish.....	Austin
Virginia.....	Jos. Button.....	Richmond
West Virginia.....	John S. Horan.....	Charleston
Wisconsin.....	Clem P. Host.....	Madison

NATIONAL BOARD TABLES.

The following tables were presented at the annual meeting of the National Board of Fire Underwriters on May 23, 1912:

RISKS WRITTEN, PREMIUMS AND LOSSES.

UNITED STATES AND FOREIGN COMPANIES COMBINED.

YEAR.	No. of Companies.	Fire Risks Written.	Fire Premiums Received.	Fire Losses Paid.	Ratio Losses to \$100 of Premiums.	Ratio Losses to \$100 Risks.	Amount Risks Written to \$1.00 Loss.
1860-1870 inclusive.....	av. 146	\$36,323,450,085	\$291,427,230	\$169,090,061	58.02	.4655	214.82
1871-1880 ".....	" 177	62,449,959,925	539,237,558	315,996,706	58.60	.5060	167.63
1881-1890 ".....	" 152	100,269,095,647	827,974,298	488,273,927	58.97	.4870	205.35
1891-1900 ".....	" 140	154,802,294,189	1,229,559,401	738,230,288	60.04	.4769	209.69
1901.....	146	20,629,226,087	157,599,206	93,139,517	59.10	.4515	221.49
1902.....	145	21,320,333,036	179,443,838	94,176,595	52.48	.4417	226.38
1903.....	147	22,007,442,608	190,487,453	92,599,881	48.61	.4207	237.66
1904.....	144	24,423,884,080	206,677,370	127,690,424	61.78	.5228	191.27
1905.....	158	25,559,701,079	216,746,917	103,805,402	47.89	.4061	246.25
1906.....	156	28,082,307,795	238,473,554	120,842,759	50.68	.4220	121.65
1907.....	169	30,083,316,378	252,063,823	117,433,427	46.42	.3903	256.17
1908.....	162	30,232,055,437	247,186,253	135,547,162	54.84	.4484	223.03
1909.....	163	33,117,068,129	262,196,532	126,171,492	48.12	.3810	262.48
1910.....	175	36,357,713,046	273,557,380	136,059,941	49.74	.3742	267.22
1911.....	180	38,978,280,716	280,975,795	151,541,031	53.93	.3888	257.21
1860-1911 inclusive.....	.....	\$664,636,128,237	\$5,394,506,608	\$3,120,598,613	57.85	.4695	212.98

RISKS WRITTEN, PREMIUMS CHARGED.

UNITED STATES AND FOREIGN COMPANIES COMBINED.

YEAR.	Number of Companies.	Fire Risks Written.	Fire Premiums Charged.	Rate of Premium Charged on each \$100 of Risks
1871-1880 inclusive.....	av. 177	\$62,449,959,925	\$589,045,582	.9432
1881-1890 ".....	" 152	100,269,095,647	990,645,402	.9880
1891-1900 ".....	" 140	154,802,294,189	1,596,518,549	1.0313
1901.....	146	20,629,226,087	218,767,583	1.0605
1902.....	145	21,320,333,036	245,563,426	1.1518
1903.....	147	22,007,442,608	261,331,775	1.1874
1904.....	144	24,423,884,080	283,628,878	1.1613
1905.....	158	25,559,701,079	298,527,582	1.1679
1906.....	156	28,082,307,795	322,080,590	1.1469
1907.....	169	30,083,316,378	351,892,823	1.1697
1908.....	162	30,232,055,437	345,963,143	1.1444
1909.....	163	33,117,068,129	371,690,704	1.1223
1910.....	175	36,357,713,046	393,481,426	1.0822
1911.....	180	38,978,280,716	412,949,570	1.0594
1871-1911 inclusive.....	....	\$628,312,678,152	\$6,682,087,033	1.0635

EXPENSES.

UNITED STATES AND FOREIGN COMPANIES COMBINED.

YEAR.	Number of Companies.	Premiums Received, Including Marine and Inland.	Expenses.	Ratio.
1860-1870 inclusive.....	av. 146	\$336,791,598	\$104,607,487	31.06
1871-1880 ".....	" 177	583,519,465	193,514,001	33.16
1881-1890 ".....	" 152	874,161,003	307,345,713	35.16
1891-1900 ".....	" 140	1,271,413,894	466,479,933	36.69

EXPENSES—Continued.
UNITED STATES AND FOREIGN COMPANIES COMBINED—Continued.

YEAR.	Number of Companies.	Premiums Received, Including Marine and Inland.	Expenses.	Ratio.
1901.....	146	\$163,526,207	\$61,239,686	37.45
1902.....	145	185,494,632	66,286,513	35.73
1903.....	147	196,532,866	72,506,480	36.89
1904.....	144	212,391,691	78,441,282	36.93
1905.....	158	223,019,881	82,346,361	36.92
1906.....	156	245,387,087	95,324,487	38.85
1907.....	169	260,643,569	99,457,469	38.16
1908.....	162	254,675,170	99,919,350	39.24
1909.....	163	271,760,361	104,628,486	38.50
1910.....	175	284,520,645	111,431,279	39.16
1911.....	180	294,071,982	116,900,483	39.75
1860-1911 inclusive.....	.....	\$5,657,910,029	\$2,060,443,144	36.42

COMMISSIONS.
UNITED STATES AND FOREIGN COMPANIES COMBINED.

YEAR.	Number of Companies.	Premiums Received, Including Marine and Inland.	Commissions.	Ratio.
1860-1870 inclusive.....	av. 146	\$336,791,598	\$38,113,528	11.32
1871-1880 ".....	" 177	583,519,465	86,892,525	14.89
1881-1890 ".....	" 152	874,161,003	156,922,713	17.95
1891-1900 ".....	140	1,271,413,894	244,698,993	19.25
1901.....	146	163,526,207	33,942,433	20.76
1902.....	145	185,494,632	37,628,785	20.28
1903.....	147	196,532,866	41,888,572	21.31
1904.....	144	212,391,691	45,078,026	21.22
1905.....	158	223,019,881	47,843,780	21.45
1906.....	156	245,387,087	52,635,989	21.45
1907.....	169	260,643,569	55,294,868	21.22
1908.....	162	254,675,170	55,743,084	21.89
1909.....	163	271,760,361	58,433,473	21.50
1910.....	175	284,520,645	61,490,848	21.61
1911.....	180	294,071,982	64,842,912	22.05
1860-1911 inclusive.....	.....	\$5,657,910,029	\$1,081,441,529	19.11

TABLE OF RATIOS.
UNITED STATES AND FOREIGN COMPANIES COMBINED.

YEAR.	No. of Companies.	Ratio Losses to \$100 Premiums.	Ratio Losses to \$100 Risks.	Amount Risks Written to \$1.00 Loss.	Rate of Premium Charged on each \$100 of Risks.	Ratio of Expenses to \$100 of Premiums.	Ratio of Commission each \$100 of Premiums
1860-1870 inclusive.....	av. 146	58.02	.4655	214.82	.....	31.06	11.32
1871-1880 ".....	" 177	58.60	.5060	197.63	.9432	33.16	14.89
1881-1890 ".....	" 152	58.97	.4870	205.35	.9880	35.16	17.95
1891-1900 ".....	140	60.04	.4769	209.69	1.0313	36.69	19.25
1901.....	146	59.10	.4515	221.49	1.0605	37.45	20.76
1902.....	145	52.48	.4417	226.38	1.1518	35.73	20.28
1903.....	147	48.61	.4207	237.66	1.1874	36.89	21.31
1904.....	144	61.78	.5228	191.27	1.1613	36.93	21.22
1905.....	158	47.89	.4061	246.22	1.1679	36.92	21.45
1906.....	156	96.80	.8220	121.65	1.1469	38.85	21.45
1907.....	169	46.42	.3903	256.17	1.1697	38.16	21.22
1908.....	162	54.84	.4484	223.03	1.1444	39.24	21.89
1909.....	163	48.12	.3810	262.48	1.1223	38.50	21.50
1910.....	175	49.74	.3742	267.22	1.0822	39.16	21.61
1911.....	180	53.93	.3888	257.21	1.0594	39.75	22.05
1860-1911 inclusive.....	.....	57.85	.4695	212.98	1.0635	36.42	19.11

In 1913 the form of the tables was altered, and at the annual meeting of the Board on

**GENERAL TABLE OF BUSI
JOINT STOCK FIRE INSURANCE COMPA**

YEAR.	Number of Companies.	Gross Insurance Written.	Gross Premiums Charge 1.	* Average Rate of Prem. Charged for \$100 of Insurance.	Net Premiums Earned Including Marine and Inland.	Net Premiums Written Including Marine and Inland.
		\$	\$	\$	\$	\$
1909.....	44	9,392,184,483	99,578,183	1.0602	65,525,611	70,612,753
1910.....	46	10,297,948,375	105,607,122	1.0255	71,188,186	75,385,154
1911.....	44	10,719,351,988	110,602,152	1.0318	72,529,169	77,068,120
1912.....	42	11,534,250,445	117,230,579	1.0164	75,037,582	79,981,161
1913.....	41	12,389,569,598	124,452,852	1.0045	78,494,055	81,923,390
1914.....	41	12,471,552,002	125,131,791	1.0034	77,952,301	80,578,432
1909-14.....	..	66,804,856,891	682,602,679	1.0218	440,726,904	465,529,010

JOINT STOCK FIRE INSURANCE

1909.....	88	14,221,437,573	170,030,483	1.1956	122,003,180	131,666,154
1910.....	92	15,585,414,677	179,265,679	1.1503	129,241,144	137,933,147
1911.....	88	16,198,854,662	180,481,957	1.1141	130,621,154	137,914,927
1912.....	89	16,452,450,271	183,950,934	1.1181	132,593,883	137,768,113
1913.....	87	18,037,637,198	197,819,501	1.0965	136,126,649	146,001,617
1914.....	91	18,677,216,732	202,947,164	1.0872	141,867,541	146,409,601
1909-14.....	..	99,163,011,113	1,114,495,718	1.1239	792,452,551	837,693,559

UNITED STATES COM

1909.....	132	23,613,622,056	269,608,666	1.1417	187,527,791	202,278,907
1910.....	138	25,883,363,052	284,872,801	1.1006	200,429,230	213,318,301
1911.....	132	26,918,206,650	291,084,109	1.0814	203,150,323	214,583,047
1912.....	131	27,986,700,716	301,181,513	1.0761	207,631,465	217,749,274
1913.....	128	30,427,206,796	322,272,353	1.0592	214,620,704	227,905,007
1914.....	132	31,138,768,734	328,078,955	1.0536	219,819,842	226,988,033
1909-14.....	..	165,967,868,004	1,797,098,397	1.0828	1,233,179,455	1,303,222,569

FIRE INSURANCE COMPANIES

1909.....	31	9,503,446,073	102,082,038	1.0741	68,135,823	71,471,374
1910.....	37	10,474,349,994	108,608,625	1.0369	70,610,462	74,101,597
1911.....	48	12,060,074,066	121,865,461	1.0104	74,406,665	82,159,150
1912.....	52	13,523,005,664	139,708,345	1.0255	83,312,244	90,857,640
1913.....	57	15,161,242,886	152,639,683	1.0068	89,438,820	96,288,968
1914.....	59	17,794,916,816	174,729,621	.9819	98,529,082	106,658,983
1909-14.....	..	78,617,035,499	799,633,773	1.0171	484,433,096	521,537,712

UNITED STATES AND FOR

1909.....	163	33,117,068,129	371,690,704	1.1224	255,663,614	273,750,281
1910.....	175	36,357,713,046	393,481,426	1.0822	271,039,792	287,419,898
1911.....	180	38,978,280,716	412,949,570	1.0594	277,556,988	297,142,197
1912.....	183	41,609,706,380	440,889,858	1.0596	290,943,709	308,606,914
1913.....	185	45,588,449,682	474,912,036	1.0417	304,050,524	324,193,075
1914.....	191	48,933,685,550	502,808,576	1.0275	318,348,924	333,647,016
1909-14.....	..	244,584,903,503	2,596,732,170	1.0617	1,717,612,551	1,824,760,281

* Term rate not reduced to annual.

May 27, 1915, the following tables were submitted :

NESS TRANSACTED.

RIES OF THE STATE OF NEW YORK.

Net Losses Paid Including Marine and Inland.	Net Losses In- curred Including Marine and Inland.	† Net Expenses.	Per Cent of Net Losses Incurred to Net Premiums Earned.	Per Cent of Net Losses Incurred to Net Premiums Written.	Per Cent of Net Expenses to Net Premiums Earned.	Per Cent of Net Expenses to Net Premiums Written.
\$	\$	\$	\$	\$	\$	\$
32,948,050	33,428,481	26,937,227	51.01	47.34	41.11	38.15
35,493,300	36,322,716	28,420,063	51.02	48.18	39.92	37.70
40,404,702	40,270,350	29,767,071	55.52	52.25	41.04	38.62
41,061,811	41,393,998	30,632,812	55.16	51.75	40.82	38.30
44,180,941	44,300,871	32,343,588	56.51	54.16	41.21	39.49
45,576,627	47,027,529	34,768,758	60.33	58.36	44.60	43.15
239,665,491	242,803,945	182,869,519	55.09	52.16	41.49	39.28

COMPANIES OF OTHER STATES.

64,128,358	65,421,980	50,764,982	53.62	49.69	41.61	38.55
70,035,219	71,674,210	54,787,149	55.46	51.96	42.39	39.72
75,846,169	75,663,980	55,999,809	57.93	54.86	42.87	40.61
73,952,692	74,551,273	56,183,366	56.23	54.11	42.37	40.78
77,483,526	77,860,120	60,395,198	57.19	53.33	44.37	41.36
85,027,254	88,871,721	62,023,835	62.64	60.70	43.72	42.36
446,473,218	454,043,284	340,154,339	57.30	54.20	42.92	40.61

PANIES COMBINED.

97,076,408	98,850,461	77,702,209	52.71	48.87	41.43	38.41
105,528,579	107,996,926	83,207,212	53.88	50.63	41.51	39.01
116,250,871	115,934,350	85,766,880	57.07	53.93	42.22	39.89
115,014,503	115,945,271	86,816,178	55.84	53.24	41.81	39.87
121,604,467	122,220,991	92,738,786	56.95	53.63	43.21	40.69
130,603,881	135,899,250	96,792,593	61.82	59.87	44.03	42.64
686,138,709	696,847,229	523,023,858	56.51	53.47	42.41	40.13

OF FOREIGN COUNTRIES.

34,107,943	34,163,855	25,863,464	50.14	47.80	37.96	36.19
36,534,664	36,891,582	27,126,664	52.25	49.78	38.42	36.61
42,141,759	42,594,265	30,101,716	57.24	51.84	40.46	36.64
46,902,566	47,661,750	33,967,448	57.21	52.46	40.76	37.38
50,463,871	50,763,271	35,840,491	56.76	52.72	40.07	37.22
61,494,684	64,821,532	39,030,829	65.79	60.77	39.61	36.59
271,645,487	276,896,255	191,930,612	57.16	53.09	39.62	36.80

IGN COMPANIES COMBINED.

131,184,351	133,014,316	103,565,673	52.03	48.59	40.51	37.83
142,063,243	144,888,508	110,333,876	53.46	50.41	40.71	38.39
158,392,630	158,528,595	115,868,596	57.12	53.35	41.75	38.99
161,917,069	163,607,021	120,783,526	56.23	53.01	41.51	39.14
172,128,338	172,984,262	128,579,277	56.89	53.36	42.29	39.66
192,098,565	200,720,782	135,823,422	63.05	60.16	42.66	40.71
957,784,196	973,743,484	714,954,470	56.69	53.36	41.62	39.18

† Exclusive of losses paid, dividends paid, remittances to home office, loss on sale or maturity of ledger assets, decrease in book value, borrowed money repaid and real estate taxes and expenses.

COMMISSIONS.

JOINT STOCK FIRE INSURANCE COMPANIES OF THE STATE OF NEW YORK.

YEAR.	Number of Companies.	Net Premiums Written, Including Marine and Inland.	Net Commissions.	Per Cent of Net Commis- sions to Net Premiums Written.
		\$	\$	
1909.....	44	70,612,753	14,781,562	20.93
1910.....	46	75,385,154	15,592,619	20.68
1911.....	44	77,068,120	16,293,898	21.14
1912.....	42	79,981,161	16,970,069	21.22
1913.....	41	81,903,390	18,163,134	22.18
1914.....	41	80,578,432	17,062,863	21.18
1909-14.....		465,529,010	98,864,145	21.24

JOINT STOCK FIRE INSURANCE COMPANIES OF OTHER STATES.

1909.....	88	131,666,154	28,068,022	21.32
1910.....	92	137,933,147	29,752,858	21.57
1911.....	88	137,914,927	29,977,811	21.74
1912.....	89	137,768,113	29,261,218	21.24
1913.....	87	146,001,617	31,508,495	21.58
1914.....	91	146,409,601	30,522,122	20.85
1909-14.....		837,693,559	179,090,526	21.38

UNITED STATES COMPANIES COMBINED.

1909.....	132	202,278,907	42,849,584	21.18
1910.....	138	213,318,301	45,345,477	21.26
1911.....	132	211,983,047	46,271,709	21.52
1912.....	131	217,749,274	46,231,287	21.23
1913.....	128	227,905,007	49,671,629	21.80
1914.....	132	226,988,033	47,584,985	20.96
1909-14.....		1,303,222,569	277,954,671	21.33

FIRE INSURANCE COMPANIES OF FOREIGN COUNTRIES.

1909.....	31	71,471,374	15,583,889	21.80
1910.....	37	74,101,597	16,145,371	21.79
1911.....	48	82,159,150	18,571,203	22.60
1912.....	52	90,857,640	21,370,254	23.52
1913.....	57	96,288,968	22,692,144	23.57
1914.....	59	106,658,983	25,304,356	23.72
1909-14.....		521,537,712	119,667,217	22.94

UNITED STATES AND FOREIGN COMPANIES COMBINED.

1909.....	163	273,750,281	58,433,473	21.34
1910.....	175	287,419,898	61,490,848	21.39
1911.....	180	297,142,197	64,842,912	21.82
1912.....	183	308,606,914	67,601,541	21.90
1913.....	185	324,193,975	72,363,773	22.32
1914.....	191	333,647,016	72,889,341	21.85
1909-14.....		1,824,760,281	397,621,888	21.79

OUTSTANDING RISKS, DECEMBER 31, 1914.

191 UNITED STATES AND FOREIGN COMPANIES COMBINED.

YEAR.	ONE YEAR OR LESS.			TWO YEARS.		
	Amount Covered.	Premiums Charged.*	Rate on \$100.	Amount Covered.	Premiums Charged.*	Rate on \$100.
1913.....				\$223,238,890	\$1,966,081	.8807
1914.....	\$17,037,299.417	\$185,750,562	1.0903	264,072,046	2,211,348	.8374
1912-1914 inclusive.....	\$17,037,299.417	\$185,750,562	1.0903	\$487,310,936	\$4,177,429	.8572

* Gross less reinsurance.

OUTSTANDING RISKS, DECEMBER 31, 1914—Continued.
191 UNITED STATES AND FOREIGN COMPANIES COMBINED—Continued.

YEAR.	THREE YEARS.			FOUR YEARS.		
	Amount Covered.	Premiums Charged.*	Rate on \$100.	Amount Covered.	Premiums Charged.*	Rate on \$100.
1911.....				\$83,068,649	\$813,026	.9787
1912.....	\$8,048,027,305	\$74,522,806	.9260	91,432,502	877,132	.9593
1913.....	9,065,391,138	82,683,284	.9121	98,374,104	990,149	1.0065
1914.....	9,935,465,299	90,447,084	.9103	105,678,053	1,040,231	.9843
1911-1914 inclusive.....	\$27,048,883,722	\$247,653,174	.9156	\$378,553,308	\$3,720,538	.9828

YEAR.	FIVE YEARS.			COMBINED TERM BUSINESS.		
	Amount Covered.	Premiums Charged.*	Rate on \$100.	Amount Covered.	Premiums Charged.*	Rate on \$100.
1910.....	\$1,702,033,117	\$20,449,240	1.2015	\$1,702,033,117	\$20,449,240	1.2015
1911.....	1,978,494,077	23,431,506	1.1843	2,061,562,726	24,244,532	1.1759
1912.....	2,206,334,506	25,811,619	1.1699	10,345,794,313	101,211,557	.9783
1913.....	2,484,538,780	28,203,864	1.1352	11,871,542,912	113,843,378	.9590
1914.....	2,689,411,446	31,489,634	1.1709	12,994,626,844	125,188,297	.9634
1910-1914 inclusive.....	\$11,060,811,926	\$129,385,863	1.1697	\$38,975,559,912	\$384,937,004	.9877

YEAR.	TOTAL BUSINESS.		
	Amount Covered.	Premiums Charged.*	Rate on \$100
1910.....	\$1,702,033,117	\$20,449,240	1.2015
1911.....	2,061,562,726	24,244,532	1.1759
1912.....	10,345,794,313	101,211,557	.9783
1913.....	11,871,542,912	113,843,378	.9590
1914.....	30,031,926,261	310,938,859	1.0354
1910-1914 inclusive.....	\$56,012,859,329	\$570,687,566	1.0189

OUTSTANDING RISKS SINCE 1877.
UNITED STATES AND FOREIGN COMPANIES COMBINED.

YEAR.	Number of Companies.	ONE YEAR OR LESS.			TWO YEARS.		
		Amount Covered.	Premiums Charged.*	Rate on \$100.	Amount Covered.	Premiums Charged.*	Rate on \$100.
1877-1880.....	av. 171	\$17,225,870,711	\$155,144,308	.9006	\$218,200,115	\$1,716,786	.7867
1881-1890.....	" 152	57,518,353,471	608,561,152	1.0580	992,898,185	7,915,705	.7972
1891-1900.....	" 140	78,238,449,847	883,319,182	1.1290	1,640,966,780	12,934,603	.7882
1901.....	146	9,654,981,152	110,733,393	1.1469	214,753,926	1,695,551	.7895
1902.....	145	9,968,471,095	127,032,706	1.2743	245,305,015	1,957,063	.7978
1903.....	147	10,399,387,062	136,556,132	1.3131	226,454,427	2,041,036	.9013
1904.....	144	11,213,242,957	145,486,092	1.2975	201,276,979	1,888,868	.9384
1905.....	158	11,866,650,060	153,781,482	1.2959	210,133,733	1,662,580	.9339
1906.....	156	12,318,083,893	159,749,327	1.2976	247,029,747	2,325,181	.9412
1907.....	169	13,356,069,167	171,462,234	1.2838	270,418,801	2,624,925	.9707
1908.....	162	13,598,063,213	169,659,374	1.2477	270,806,866	2,620,781	.9678
1909.....	163	14,499,932,341	175,187,570	1.2082	304,921,121	2,928,833	.9605
1910.....	175	15,523,126,601	178,502,215	1.1499	344,875,807	3,252,935	.9432
1911.....	180	15,936,070,478	179,533,270	1.1266	420,033,332	3,658,806	.8711
1912.....	183	15,945,524,136	180,521,572	1.1348	441,150,316	3,818,870	.8657
1913.....	185	16,611,314,750	184,030,519	1.1079	425,960,116	3,807,802	.8939
1914.....	191	17,037,299,417	185,750,562	1.0903	487,310,936	4,177,429	.8572

* Gross less reinsurance.

OUTSTANDING RISKS SINCE 1877—Continued.
UNITED STATES AND FOREIGN COMPANIES COMBINED—Continued.

YEAR.	THREE YEARS.			FOUR YEARS.		
	Amount Covered.	Premiums Charged.*	Rate on \$100.	Amount Covered.	Premiums Charged.*	Rate on \$100.
1877-1880	\$5,218,855,533	\$51,263,766	.0822	\$300,279,492	\$3,175,419	1.0574
1881-1890	32,442,478,719	291,864,091	.8996	1,117,977,989	10,890,022	.9741
1891-1900	71,732,844,097	630,854,025	.8794	1,817,728,134	15,939,467	.8769
1901	9,388,891,126	83,101,554	.8852	219,793,824	1,880,442	.8555
1902	9,991,496,875	91,376,498	.9145	224,474,434	1,950,083	.8687
1903	10,966,847,060	102,571,491	.9353	236,454,705	2,095,217	.8860
1904	11,707,792,466	111,951,611	.9562	239,661,706	2,189,311	.9135
1905	12,897,597,985	125,047,769	.9695	245,868,385	2,253,475	.9165
1906	14,106,298,937	136,165,232	.9653	259,816,279	2,414,812	.9487
1907	15,505,493,682	153,373,452	.9925	287,661,513	2,716,996	.9445
1908	16,549,025,654	163,565,959	.9884	317,963,271	2,967,130	.9332
1909	17,790,085,556	175,317,845	.9854	342,056,942	3,205,534	.9371
1910	19,290,807,882	187,472,963	.9718	349,783,399	3,270,969	.9352
1911	21,155,045,477	203,312,002	.9610	343,963,482	3,308,760	.9620
1912	22,946,375,614	217,570,112	.9481	339,909,619	3,347,582	.9831
1913	25,217,130,392	232,300,361	.9212	356,197,972	3,512,530	.9861
1914	27,048,883,742	247,653,174	.9156	378,553,308	3,720,538	.9828

YEAR.	FIVE YEARS.			COMBINED TERM BUSINESS.		
	Amount Covered.	Premiums Charged.*	Rate on \$100.	Amount Covered.	Premiums Charged.*	Rate on \$100.
1877-1880	\$2,611,972,499	\$34,816,638	1.3329	\$8,349,307,639	\$90,972,609	1.0895
1881-1890	17,856,330,481	218,213,771	1.2221	52,409,685,374	528,883,589	1.0091
1891-1900	30,250,195,639	362,232,733	1.1983	105,441,734,650	1,021,960,822	.9693
1901	3,686,637,348	42,177,877	1.1441	13,510,076,224	128,855,424	.9537
1902	3,888,947,170	44,860,134	1.1535	14,350,223,494	140,143,778	.9765
1903	4,144,039,205	49,081,970	1.1843	15,573,795,397	155,790,714	1.0003
1904	4,437,279,312	53,296,253	1.2011	16,586,010,463	169,326,043	1.0208
1905	4,875,953,286	59,170,050	1.2135	18,229,553,389	188,433,874	1.0337
1906	5,347,295,826	64,481,221	1.2059	19,960,440,789	205,386,446	1.0290
1907	5,895,676,657	72,607,120	1.2331	22,019,250,653	231,412,493	1.0510
1908	6,419,875,645	78,857,981	1.2284	23,557,671,436	248,011,851	1.0528
1909	7,014,267,836	85,775,329	1.2229	25,451,331,455	267,227,541	1.0500
1910	7,615,207,883	92,117,695	1.2097	27,600,674,971	286,114,562	1.0366
1911	8,421,879,881	101,259,546	1.2023	30,340,922,172	311,539,204	1.0268
1912	9,167,426,466	109,342,398	1.1927	32,894,862,015	334,072,962	1.0156
1913	10,245,677,442	121,185,541	1.1827	36,244,965,922	360,806,234	.9955
1914	11,060,811,926	129,385,863	1.1697	38,975,559,912	384,937,004	.9877

YEAR.	TOTALS.		
	Amount Covered.	Premiums Charged.*	Rate on \$100
1877-1880	\$25,575,178,350	\$246,116,917	.9623
1881-1890	109,928,038,845	1,137,444,741	1.0347
1891-1900	183,680,184,497	1,905,280,004	1.0373
1901	23,165,057,376	239,588,817	1.0342
1902	24,318,694,589	267,176,484	1.0986
1903	25,973,182,459	292,346,846	1.1255
1904	27,799,253,420	314,812,135	1.1324
1905	30,096,204,349	342,215,356	1.1371
1906	32,278,524,682	365,135,773	1.1312
1907	35,375,319,820	402,874,727	1.1389
1908	37,155,734,649	417,671,225	1.1241
1909	39,951,263,796	442,415,111	1.1074
1910	43,123,801,572	464,616,777	1.0774
1911	46,276,992,650	491,072,474	1.0612
1912	48,840,386,151	514,594,534	1.0536
1913	52,856,280,672	544,836,753	1.0308
1914	56,012,859,329	570,687,566	1.0189

* Gross less reinsurance.

CAPITAL AND DIVIDENDS OF AMERICAN COMPANIES. REPORTING TO THE INSURANCE DEPARTMENT OF THE STATE OF NEW YORK.

UNITED STATES COMPANIES COMBINED.

YEAR.	Number of Companies.	Capital.	Dividends.	Ratio.
1860-1870 inclusive.....	av. 142	\$451,580,446	\$47,694,924	10.56
1871-1880 "	" 162	510,881,931	60,088,204	11.94
1881-1890 "	" 128	571,252,400	61,673,556	10.80
1891.....	104	51,732,200	5,717,723	11.05
1892.....	105	52,085,085	5,474,473	10.51
1893.....	103	51,263,075	5,346,668	10.43
1894.....	98	49,730,875	5,269,851	10.60
1895.....	98	49,623,025	5,658,183	11.40
1896.....	109	52,055,875	5,852,591	11.24
1897.....	123	55,030,875	6,233,573	11.33
1898.....	130	57,030,875	6,640,645	11.64
1899.....	127	58,202,875	6,782,018	11.65
1900.....	119	56,252,875	6,286,826	11.18
1901.....	110	54,202,875	6,304,328	11.63
1902.....	112	54,802,875	6,554,570	11.96
1903.....	114	56,102,875	7,124,425	12.69
1904.....	112	56,325,375	7,534,605	13.37
1905.....	126	59,652,875	7,761,201	13.01
1906.....	126	65,050,004	7,134,785	10.97
1907.....	138	68,430,004	7,996,245	11.67
1908.....	131	67,130,000	8,845,310	13.17
1909.....	132	69,012,070	9,850,069	14.27
1910.....	138	75,620,004	12,821,433	16.95
1911.....	132	78,155,004	12,320,460	15.75
1912.....	131	81,175,554	12,993,001	16.00
1913.....	128	88,496,321	13,514,076	15.26
1914.....	131	89,883,389	13,873,583	15.43
1860-1914 inclusive.....	.....	\$3,030,761,637	\$364,267,326	12.02

PERPETUAL FIRE INSURANCE RISKS AND PREMIUMS IN 1914.

NAME AND LOCATION OF COMPANY.	Perpetual Risks in Force, Dec. 31, 1914.	Deposits Received in 1914.	Deposits Withdrawn in 1914.	Deposits, Dec. 31, 1913.	Deposits, Dec. 31, 1914.
	\$	\$	\$	\$	\$
Etna, Hartford.....	5,203,419	5,481	2,393	116,599	119,685
Alliance, Philadelphia.....	568,550	892	799	17,293	17,386
Camden Fire, Camden, N. J.....	1,284,967	755	816	31,143	30,990
Commercial Union, London.....	4,440,599	628	2,730	96,899	94,797
County, Philadelphia.....	8,060,362	2,185	5,696	200,923	197,412
Farmers, York.....	88,200	....	....	2,526	2,486
Fire Association, Philadelphia.....	73,247,935	22,862	49,811	1,686,126	1,659,178
Franklin, Philadelphia.....	32,593,639	7,256	25,847	731,312	710,211
German, Baltimore.....	*155,935	....	....	4,487	*4,487
German-American, Baltimore.....	5,250	....	....	123	123
Girard F. and M., Philadelphia.....	31,239,254	12,278	21,230	650,515	640,971
Insurance Co. of North America, Philadelphia.....	30,411,407	12,445	19,242	795,265	788,467
Insurance Co., State of Pennsylvania, Phila..	23,589,005	5,555	17,626	587,012	573,820
Liverpool and London and Globe, Liverpool..	6,863,158	2,526	4,363	190,841	188,878
Lumbermens, Philadelphia.....	7,310,649	2,920	7,222	196,287	192,431
Mechanics, Philadelphia.....	15,016,208	11,122	12,225	359,585	358,482
North British and Mercantile, London.....	1,377,820	1,538	947	40,016	40,606
Pennsylvania, Philadelphia.....	46,901,740	23,931	27,336	1,191,688	1,185,269
Peoples National, Philadelphia.....	430,625	2,275	656	11,871	13,393
Reliance, Philadelphia.....	4,915,825	2,566	4,085	132,302	130,782
Royal, Liverpool.....	4,364,117	....	2,224	97,177	94,953
United Firemens, Philadelphia.....	39,033,916	9,213	27,876	906,241	886,150
Totals (22 companies).....	337,102,670	126,428	233,124	8,046,231	7,930,957

* Dec. 31, 1913.

FIRE INSURANCE COMPANIES THAT HAVE FAILED OR RETIRED.

The following is a list of joint-stock and mutual fire and marine insurance companies and Lloyds that have failed or retired from business in the United States:

When Retired.	NAME OF COMPANY.
1885—	Acme, Des Moines; reinsured in State, Des Moines.
1912—	Acme Fire, Cedar Rapids, Iowa; reinsured in Northwestern Fire and Marine, and Sovereign.
1896—	Acme Lloyds, Brooklyn.
.....	Acton Mutual Fire, Acton.
.....	Adam Co. Mutual Live Stock, Gettysburg, Pa.; retired.
.....	Adams Fire and Marine, W. Va.; retired.
1907—	Adams & Boyle, Little Rock, Ark.; retired.
1857—	Adams Mutual Fire, Adams.
1911—	Adirondack Fire, New York; merged with Lumber, New York.
1879—	Adriatic, New York; reinsured in London and Lancashire.
1874—	Advance, Philadelphia; reinsured.
1903—	Ætna Fire, Dallas, Tex.; charter revoked.
1895—	Ætna Fire Lloyds, New York; name changed to Montauk Fire Lloyds.
1874—	Ætna, Chicago; failed.
1883—	Ætna, Denver; retired.
1879—	Ætna Fire, New York; reins. in Home, N. Y.
1871—	Ætna, New York; failed by Chicago fire.
1909—	Ætna Fire, Syracuse, N. Y.; liquidated.
1888—	Ætna Fire and Marine, Wheeling, W. Va.; reinsured in Providence-Washington.
1911—	Ætna Fire and Marine, Dover, Del.; license revoked.
1896—	Ætna Mutual, Concord, N. H.; failed.
1852—	Agawam Mutual Fire, Ipswich.
1910—	Akron Mutual, Akron, O.; ceased business.
1887—	Alabama, Mobile; failed.
1899—	Alabama State Mutual, Anniston; failed.
1895—	Alamo, San Antonio, Tex.; reinsured in Germania, New York.
1871—	Albany City, Albany; failed by Chicago fire.
1877—	Albemarle, Charlottesville; reinsured in Granite, Virginia.
1904—	Alexandria, Va.; reinsured in Hartford Fire.
1908—	Alexandria Home, Alexandria, Va.; reinsured in Westchester Fire.
1894—	Allegheny, Charleston, W. Va.
1898—	Allegheny, Pittsburg; reins. in Armenia.
1910—	Allegheny, Pittsburg; merged with Humboldt Fire, Pittsburg.
1874—	Allemannia, Cleveland; failed.
1880—	Alliance, Boston; reinsured in Reinsurance Generales.
1892—	Alliance, New York; reinsured in Phenix, Brooklyn, and resumed business; reinsured in United Fire, Manchester, Eng.
1908—	Alliance Fire, Austin, Minn.; reinsured in Connecticut Fire.
1905—	Alliance Fire Underwriters, Chicago; ceased business.
1891—	Alliance Mutual, Reading; failed.
1905—	Allied Fire Underwriters, Chicago; retired.
1874—	Alps, Erie; failed.
1891—	Alta, Stockton; reins. in Connecticut Fire.
.....	Alton Mutual Ins. & Sav., Alton; failed.
1905—	Amalgamated Underwriters, Chicago; retired.
1891—	Amazon, Cincinnati; reins. in Royal, Liverpool.
1894—	America, Jersey City; failed.
1872—	American, Jersey City.
1906—	American, Boston; reinsured in Firemens of Newark, receivers appointed.
1883—	American, Chicago; reins. in Home, N. Y.
1878—	American, Cincinnati; failed.
1909—	American, Little Rock; receiver appointed.
1910—	American, Nashville, Tenn.; receiver appointed.
1898—	American, New Orleans; retired.
1871—	American, Providence; failed by Chicago fire.
1892—	American, Wheeling; reinsured in Phoenix, London, and Citizens, Toledo.
.....	American Bankers Town Mutual, Kansas City, Mo.
1887—	American Exchange, New York; reinsured in German-American.

When Retired.	NAME OF COMPANY.
1899—	American Fire, Baltimore, Md.; reinsured, except in Maryland, in Fidelity, New York. 1901—Reinsured in Union, London.
1913—	American Fire, Dover, Del.; license revoked.
1895—	American Fire and Marine Lloyds, New York; retired.
1914—	American Fire, Lexington, Ky.; receiver appointed.
1895—	American Fire, New York; reinsured in Phenix, Brooklyn, and continued business; reinsured, 1901, in Hartford Fire.
1906—	American Fire, Philadelphia; reinsured term risks in April, 1906, in Commercial Union, and in July, 1906, reinsured new business in Stuyvesant and Pacific Fire, and suspended operations; resumed business Jan. 1, 1908; in 1913 merged with Ins. Co. of the State of Pennsylvania.
1905—	American Fire Underwriters, Chicago, Ill.; retired.
1906—	American Guaranty Fund Mutual, St. Louis.
1913—	American Home, Greenville, S. C.; reinsured in German-American, New York.
1899—	American Indemnity and Assurance, Indianapolis, Ind.; failed.
.....	American, Lexington, Ky.; receiver appointed.
1894—	American Lloyds, Limited, Chicago; reinsured in Lumbermens Mutual, Chicago.
1898—	American Manufacturers Mutual, Concord, N. H.; failed.
1911—	American Manufacturers Mutual, Indianapolis, Ind.; reinsured in North British and Mercantile, London.
.....	American Midland Town Mut., Liberty, Mo.
1890—	American Mutual, Cleveland; wound up.
1904—	American Mutual, Des Moines; failed.
1898—	American Mutual, Danville, Ill.; retired.
1889—	American Mutual, Michigan City, Ind.; failed.
1874—	American Mutual, New Orleans; failed.
1888—	American Mutual, St. Louis; reinsured.
1896—	American Mutual, South Bend, Ind.; failed.
1895—	American Mutual Fire, Denver; failed.
1902—	American Mutual, Plainfield, N. J.; retired.
1909—	American Mutual, Syracuse, N. Y.; liquidated.
1903—	American National, Fort Worth, Tex.; charter revoked.
1911—	American National, Rock Island, Ill.; reinsured in American Union, Philadelphia, and in 1913 in North British and Mercantile, London.
1876—	American Underwriters, Philadelphia; failed.
1908—	American Underwriters Fire of Monroe County, N. Y.; receiver appointed.
1913—	American Union Fire, Philadelphia; receiver appointed.
1872—	Amity, New York; reinsured in Star, N. Y.
1889—	Amoskeag, Manchester; reinsured in Peoples, Manchester, N. H.
1915—	Anchor Fire, Des Moines; reinsured.
1894—	Anchor, London; failed.
1861—	Anchor (Marine), New York.
1872—	Anchor, St. Louis; failed.
1894—	Anchor F. & M., Wheeling; failed.
1872—	Andea, Cincinnati; failed by Chicago fire.
1886—	Anglo-American, Washington, D. C.; failed.
1890—	Anglo-Nevada, San Francisco; reinsured in Caledonian, and London and Lancashire.
1878—	Anthracite, Philadelphia; reinsured in Sun, Philadelphia.
1880—	Appleton Mutual Fire, Boston.
1911—	Appleton Mutual, Appleton, Wis.; absorbed by Manitowoc Mutual.
1909—	Aquidneck Mutual Fire, Providence, R. I.; reinsured.
1897—	Arctic, New York; reinsured in Imperial.
1903—	Argentine, Denver and Indianapolis; failed.
1914—	Arizona-New Mexico Fire Underwriters, Phoenix, Ariz.

When Retired.	NAME OF COMPANY.
1897	Arkansas Fire, Little Rock; reinsured in Commercial Union, London.
1894	Arkansas Home, Little Rock; retired.
1906	Arkansas Mutual, Little Rock, Ark.; merged with Capital Fire, Little Rock.
1889	Arkansas Valley Mutual, Wichita, Kan.; retired; resumed business in 1908.
1889	Arlington, Memphis; reinsured in Milwaukee Mechanics, Milwaukee.
1901	Armenia, Pittsburg; reins. in Westchester; resumed business in 1903, and in 1906 merged with Conestoga Fire, Lancaster, as the Guardian Fire, Pittsburg.
1892	Armstrong, New York; reinsured in Lancashire, Manchester.
1869	Artisans, New York; reinsured in Commonwealth of New York.
1900	Artisans, Pittsburg; reinsured in National, Hartford.
1897	Ashfield Mutual, Ashfield, Mass.; retired.
1889	Associated Firemen, Baltimore; reinsured in Fidelity.
1871	Associated Firemen, Providence.
1901	Associated Manufacturers Mutual, Brooklyn; reinsured in Phenix, Brooklyn.
1891	Associated Manufacturers Mutual, Moline, Ill.; retired.
1903	Associated Mutual Fire Underwriters, Paxton, Ill.; reinsured in Illinois National, Springfield, Ill.
1896	Associated Underwriters, New York; retired.
1892	Associated Underwriters, Rockford; retired.
1905	Assurance Association of Illinois, Chicago; retired.
1897	Assurance Lloyds of America, New York; reinsured in Assurance Co. of America.
1914	Assured's National Mutual, Decatur, Ill.; receiver appointed.
1871	Astor, New York; failed by Chicago fire.
1897	Athens Mutual, Athens, Ga.; retired.
1912	Athens Mutual, Athens, Ga.; liquidated.
1906	Atlanta-Birmingham Fire, Birmingham, Ala.; reinsured in Prudential of Tazewell; receiver appointed.
1889	Atlantic F. & M., Providence; reinsured in National of Hartford.
1898	Atlantic Fire and Marine Underwriters, New York; retired.
.....	Atlantic Mutual Fire, Atlantic City, N. J.
1896	Atlantic Mutual Fire, Providence; reinsured in Svea, Gothenburg.
1915	Atlantic National Fire, Macon, Ga.; reinsured in New Hampshire Fire, Manchester.
.....	Atlantic F. & M., Provincetown; retired.
1871	Atlantic, Baltimore; reins. in Home, Md.
1879	Atlantic Fire, Brooklyn; reins. in Home, N. Y.
1843	Atlantic, Boston.
1881	Atlantic Mutual Marine, Provincetown.
1870	Atlantic, New Orleans; reinsured in Factor and Traders.
1871	Atlantic, Brooklyn; failed by Chicago fire.
1894	Atlantic, Richmond, Va.; mail unclaimed.
1896	Atlantic Mutual Fire, Philadelphia; failed.
1908	Atlantic Underwriters at New York Central Lloyds; retired.
1874	Atlantic and Pacific, Chicago; failed.
1896	Atlantic Fire Lloyds, Camden, N. J.
1941	Atlas, Boston.
1911	Atlas, Des Moines, Ia.; merged with Anchor Fire, Des Moines, Ia.
1881	Atlas, Hartford; wound up.
.....	Atlas, Missouri; retired.
1878	Atlas, New Orleans; failed.
1897	Atlas, Providence, R. I.; retired.
1894	Atlas Fire, Columbia, S. C.; retired.
1896	Atlas Fire and Marine Lloyds, New York
1900	Atlas Mutual Fire, Boston; reinsured; resumed business in 1908; receiver appointed 1907.
1863	Augusta Fire, Augusta, Ga.
1913	Augusta Fire, Augusta, Ga.; reinsured in Citizens, Baltimore.
1871	Aurora, Aurora.
1891	Aurora, Cincinnati; reins. in National, Conn.
1870	Aurora, Covington; reinsured in Aurora of Cincinnati.
1897	Aurora Fire, Philadelphia; retired.
1899	Automatic Sprinkler Fire, Philadelphia; failed.
1896	Automatic Sprinkler Mutual Fire, Philadelphia; failed.

When Retired.	NAME OF COMPANY.
1914	Automobile Inter Indemnity Association, St. Louis; retired.
1914	Automobile Underwriters, San Antonio, Tex.; retired.
1869	Baltic, New York; failed.
1904	Baltimore Fire, Baltimore; failed by Baltimore fire.
.....	Baltimore and Ohio, West Virginia; retired.
1877	Bangor, Bangor; failed.
1893	Bangor Mutual, Bangor, Me.; retired.
1896	Bankers and Merchants F. & M. Underwriters, New York; consolidated with South and North American Lloyds.
1896	Bankers and Merchants Mutual, Liberty, Mo.; assigned.
1913	Bankers Fire, Phoenix, Ariz.; reinsured in Firemans Fund, San Francisco.
1914	Bankers Security Fire Underwriters, Houston, Tex.; retired.
1914	Baron Steuben Mutual Fire, Ithaca, N. Y.; reinsured.
1902	Baloise, Basle, Switzerland; retired.
1900	Bavarian Mortgage & Exchange Bank, Munich; retired from United States.
.....	Bay State Mutual Fire, Chelsea.
1896	Bay State Mutual Fire, Gardner; failed.
1873	Bay State, Worcester; failed by Boston fire.
1914	Beaver Dam Mutual Fire, Beaver Dam, Wis.; retired.
1863	Becket Mutual Fire, Becket.
1897	Bedford Mutual, Bedford, Pa.; reins. in Aetna.
1863	Bedford Commercial, New Bedford.
1871	Beekman, New York; failed by Chicago fire.
1897	Beloit Mutual, Beloit, Wis.; reinsured in Niagara, New York.
1890	Belleville Mutual, Belleville, Ill.; reinsured in American, Philadelphia.
1912	Beloit Merchants & Bankers Mutual Fire, Beloit, Wis.; reinsured in Old Colony, Mass.
1910	Ben Franklin, Pittsburg; amalgamated with National, Pittsburg.
1903	Bergen Co. Farmers, Oradell, N. J.; failed.
.....	Berkley, West Virginia; retired.
1881	Beverly Marine, Beverly.
1886	Beverly (name changed to Merchants); reinsured in Boston Marine.
1887	Birmingham, Birmingham, Ala.; reinsured in Macon, Macon, Ga.
.....	Black Hills, Deadwood.
1906	Blackhawk, Freeport, Ill.; merged with German, Freeport.
1871	Bloomington, Bloomington; reinsured.
1906	Blue Grass, Lexington, Ky.; receiver appointed.
1909	Blue Ridge Fire, Blue Ridge, Ga.; absorbed by Florida Home.
1913	Bluff City Fire, Memphis, Tenn.; reinsured in Hernando, Memphis.
1891	Boatmans F. & M., Pittsburg; reinsured in Norwich Union, Norwich.
1877	Boatmen, St. Louis; reinsured in American Central.
1872	Boot & Shoe Manufacturers Mut. Fire, Lynn.
.....	Boot Manufacturers Mutual, Boston; retired.
1872	Boston, Boston; failed by Boston fire.
1861	Boston Inland Mutual, Boston.
.....	Boston Marine, Boston.
1880	Boston Mutual Fire, Boston.
1861	Bowditch Mutual Fire (changed to Hamilton Mutual Fire, 1862), Salem.
.....	Bowdoin Mutual Fire, Boston.
1872	Boylston, Boston; failed by Boston fire.
1894	Boylston, Boston; reinsured in German-American, New York, and Providence-Washington, Providence.
1896	Brevoort, New York; reins. in Home, N. Y.
1877	Brewers, Milwaukee; reins. in Home, N. Y.
1877	Brewers and Maltsters, New York; reinsured in Merchants, N. J.
1897	Brewers and Maltsters Lloyds, New York; retired.
1909	Bristol County Mutual, New Bedford, Mass.; reinsured in Springfield Fire & Marine.
1907	British-American, New York; reinsured in British America of Toronto.
1896	Broadway Lloyds, New York.
1900	Broadway, New York; reinsured in Svea.
1887	Brooklyn Fire, New York; reinsured in American of Newark, N. J.

When Retired.	NAME OF COMPANY.	When Retired.	NAME OF COMPANY.
.....Brunswick, West Virginia; retired.		1901—Central Fire, Lexington, Ky.; failed.	
1896—Brooklyn Lloyds, Brooklyn; retired.		1912—Central Fire Assur., Cincinnati; failed.	
1913—Buckeye Fire Association, Cincinnati; failed.		1904—Central Fire Undra, Chicago, Ill.; retired.	
1890—Buckeye Mut., Shelby, O.; charter revoked.		1906—Central Iowa Mutual Fire, Fort Dodge, Ia.; reinsured in Iowa Assessment Mutual, De Witt, Ia.	
1870—Buckeye State, Cincinnati; retired.		1896—Central Mutual Fire, Boston; retired.	
1884—Buffalo, Buffalo; reins. in Phenix, B'klyn.		1904—Central Mutual Fire, Hastings, Neb.; reinsured in Mercantile Mutual, Lincoln.	
1871—Buffalo City, Buffalo; failed by Chicago fire.		1874—Central Mutual Fire, Worcester.	
1914—Buffalo Commercial, Buffalo; merged with Buffalo German, Buffalo.		1890—Central Mutual, Fort Wayne, Ind.; retired.	
1871—Buffalo Fire and Marine, Buffalo; failed by Chicago fire.		1892—Central Ohio, Toledo; failed.	
1896—Buffalo Mutual Fire, Buffalo; retired.		1869—Central Park, New York; reinsured in Knickerbocker.	
1896—Buffalo F. and M. Undra, Buffalo; retired.		1897—Central Pennsylvania Mutual, Williamsport, Pa.; retired.	
1877—Builders Mutual Fire, Boston.		1914—Central Union, Kansas City, Mo.; reinsured in Occidental, N. M. and North Branch, Sunbury, Pa.	
1897—Builders Mutual Fire, Philadelphia; retired.		1904—Central West Lloyds, Chicago; retired.	
.....Builders, West Virginia; retired.		1910—Century Fire, Des Moines; reinsured in St. Louis Fire.	
1865—Bunker Hill Fire, Charleston.		1896—Century Fire Lloyds, New York.	
1873—Burnet, Cincinnati; retired.		1897—Century Mutual Fire, Philadelphia; retired.	
1894—Burlington, Burlington, Ia.; failed.		1895—Chalmette Fire, New Orleans; failed.	
1897—Business Mens Mutual Fire, Boston; reinsured in Firemens, Baltimore.		1878—Chaplain Mutual, Burlington; failed.	
1896—Butler Mutual Fire, Butler, Pa.; retired.		.....Chariton Co. Town Mutual, Keytesville, Mo.	
1890—Caisse Generale, Paris; retired from the United States, reinsuring American risks in Imperial and Northern, Howard and Fire Association.		1896—Charleston F. & M., Charleston, S. C.; failed.	
1910—Calgary Fire, Calgary; merged with Hudson Bay Fire.		1904—Charles Liver Mutual, Boston; failed.	
1892—California, San Francisco; reinsured in Peoples, Manchester; Home, New York; Firemans Fund, San Francisco; reorganized and resumed business June 15, 1905.		1871—Charter Oak, Hartford; failed by Chicago fire.	
1913—Calumet, Chicago; reinsured in National Union, Pittsburg.		1864—Charlestown Mutual Fire, Charlestown.	
1904—Calumet Fire Association, Chicago; failed.		1861—Chautauqua Mutual, Fredonia, N. Y.	
1897—Cambrian Mutual, Scranton; retired.		.....Chebacoo Mutual Fire, Essex.	
1908—Cambridge Mutual Fire, Cambridge, Mass.; reinsured in Royal, Liverpool; resumed business, 1909.		1867—Chelsea Mutual Fire, Chelsea.	
1890—Cameron Town Mutual, Mo.; assigned to Warrensburg Town Mutual, Mo.		1887—Chesapeake, Washington, D. C.	
.....Canton Town Mutual, Mo.		1904—Chesapeake F. & M., Richmond, Va.; retired.	
.....Cape Cod Mutual Fire, Harwich.		1899—Chicago, Chicago; reinsured in Insurance Company of State of Illinois.	
.....Cape Cod Mutual Fire, Sandwich.		1871—Chicago, Chicago; failed by Chicago fire.	
1909—Capital, Des Moines, Iowa; merged with Merchants and Bankers, Des Moines.		1906—Chicago Fire Underwriters, Chicago; ceased.	
1912—Capital and Merchants and Bankers, Des Moines; reinsured in German-American, New York.		.....Chicago Firemens, Chicago; failed.	
1900—Capital Jackson, Miss.; failed.		1890—Chicago Mutual, Chicago; failed.	
1900—Capital, Memphis, failed.		1896—Chicago Mutual Fire, Chicago; failed.	
1878—Capital City, Albany; reins. in Lancashire.		1900—Chillicothe (Mo.) Town Mutual; assigned.	
1872—Capital City, Columbus; reinsured in Franklin of Ohio.		1908—China Mutual, Boston, Mass.; receiver appointed.	
1891—Capital City Mutual, Harrisburg; failed.		1871—Chouteau, St. Louis; failed by Chicago fire.	
1899—Capital City, Montgomery, Ala.; reinsured in London and Lancashire.		1900—Cincinnati, Cincinnati; reinsured in Magdeburg, Magdeburg.	
1878—Capital City, Washington; retired.		1893—Cincinnati Fire Assn., Cincinnati; failed.	
1889—Capital Fire Association, Nashua; reinsured in Granite State, Portsmouth, N. H.		1910—Cincinnati Mutual, Cincinnati, Ohio; liquidated.	
1908—Capital Fire, Little Rock, Ark.; absorbed by American Fire, Little Rock, Ark.		1874—Citizens, Baton Rouge; reinsured in Crescent of New Orleans.	
1915—Capital Mutual, Austin, Tex.; reinsured.		1892—Citizens, Cincinnati; reinsured in German-American, New York; reorganized and failed in 1898.	
1909—Capital Mutual, Syracuse, N. Y.; liquidated.		1890—Citizens, Dover; reinsured in Manufacturers and Merchants, Concord, N. H.	
1891—Capital Mutual, Topeka; failed.		1883—Citizens, Evansville, Ind.; reinsured in Niagara.	
1896—Capitol Fire Lloyds, New York; retired.		1898—Citizens, Evansville, Ind.; failed.	
1908—Carolina Mutual Fire, Spartanburg, S. C.; receiver appointed.		1897—Citizens Fire Lloyds, New York; reinsured in Lafayette, N. Y.; continued business.	
1887—Carolina, Wilmington, N. C.; organization not completed.		1914—Citizens Fire, Baltimore, Md.; reinsured in Niagara, New York.	
.....Carondelet Home Mutual, St. Louis, Mo.		1910—Citizens Fire, Clarksville, Ark.; reinsured in Commercial Union.	
1911—Carriage Builders Mutual, Indianapolis, Ind.; Receiver appointed.		1896—Citizens Fire, Columbia, S. C.; failed.	
1872—Carrollton, Carrollton; retired.		1908—Citizens Fire, Dallas, Tex.; charter revoked.	
1892—Cascade, Seattle; reins. in Farmers, Seattle.		1912—Citizens Fire, Memphis, Tenn.; ceased business.	
1911—Cascade Mutual, Tacoma, Wash.; reinsured in Michigan Fire and Marine.		1910—Citizens Fire Association, Utica, N. Y.; liquidated.	
1896—Cash, Pittsburg; reins. in American, Newark.		1910—Citizens Fire Association, Seattle, Wash.; licensed revoked.	
1885—Cedar Rapids, Cedar Rapids; reinsured in Continental, New York.		1910—Citizens Fire Assn., Mankato, Minn.; reinsured in Security Mutual Fire, Chatfield.	
1907—Centennial State, Denver, Col.; reinsured in Agricultural, Watertown.		1894—Citizens, Memphis; reins. in Greenwich, N. Y.	
1873—Central, Altoona; reinsured in National of Philadelphia.		1887—Citizens, Mobile; failed.	
1872—Central, Columbus; reins. in Franklin, Ohio.		1877—Citizens, Newark; reins. in Peoples, N. J.	
1873—Central, Dayton; reinsured in Farmers and Merchants of Dayton.		1902—Citizens, N. Y.; reins. in Phenix, Brooklyn.	
1874—Central, Philadelphia; failed.		1901—Citizens, Pittsburg, Pa.; reinsured in Phenix, Hartford, Conn.	
.....Central, Pierre, Dak.		1882—Citizens, Washington; reinsured in Firemens, Washington.	
1892—Central City, Selma, Ala.; reinsured in Hartford Fire.		1877—Citizens, Wheeling; failed.	
		1904—Citizens Lloyds, Chicago; retired.	
		1901—Citizens Mutual, Albion, N. Y.; failed.	
		1908—Citizens Mutual, Boston; reinsured in Royal of Liverpool; resumed business, 1909.	

When Retired.	NAME OF COMPANY.
1909	Citizens Mutual, Holly, Mich.; reinsured in American, Newark.
1911	Citizens Mutual, Petoskey, Mich.; receiver appointed.
1896	Citizens Mutual Fire, Providence; retired.
1896	Citizens Mutual Fire, Somerville, N. J.; re-insured in German-American.
1908	Citizens Mutual Fire, Terrell, Tex.; charter revoked.
1900	Citizens Mutual, Jackson, Mich.; failed.
1891	Citizens Mutual, Waterloo, Ia.; failed.
1911	Citizens Mutual, Pontiac, Mich.; liquidated.
.....	Citizens Town Mutual, St. Louis, Mo.
1908	Citizens Town Mutual Fire, Kansas City, Mo.; retired.
1865	City of New Haven, New Haven, Conn.
1872	City, Boston; failed by Boston fire.
1872	City, Hartford; failed by Chicago fire.
1891	City, New York; reinsured in Guardian, London.
.....	City, Philadelphia; retired.
1880	City, Providence; reinsured in Imperial and Northern.
1883	City, Richmond; reins. in New York Underwriters Agency.
1891	City F. & M., Louisville; reinsured in Commercial Union, London.
1894	City Fire Lloyds, New York (name changed to Irving Fire Lloyds).
1908	City Fire, Farmersville, Tex.; charter revoked.
1907	City of Jefferson Mutual Fire, Jefferson, Mo.; reinsured in Michigan Commercial, Lansing.
1897	City Fire Assn., New York; liquidated.
1895	City Fire Underwriters Association, Brooklyn; reinsured.
1892	City of London, London; reinsured in Palatine, Manchester.
.....	City Mutual Fire, Boston.
1877	City Mutual Fire, Roxbury.
1892	City Mutual, Harrisburg; failed.
1887	City Mutual Marine and Fire, Boston.
1878	City Mutual, St. Louis; reins. in Queen.
1876	Clayton, Wilmington; failed.
1879	Clay Fire and Marine, Newport, Ky.; reinsured in Buffalo German.
1871	Cleveland, Cleveland; failed by Chicago fire.
1887	Clinton, New York; reinsured in German-American.
1895	Clinton Fire Lloyds, New York; retired.
1911	Clintonville and Shavano Mutual, Wis.; ceased business.
1867	Coasters Mutual Marine, Boston.
1872	Cochituate Fire (changed to City Fire, 1866), Boston.
1844	Cohasset Mutual Fire, Taunton.
1906	Colonial Fire, Washington, D. C.; decided to close up affairs; will carry risks to expiration.
1894	Colonial Lloyds, Philadelphia; reinsured in Metropolitan Lloyds and Indemnity Fire Lloyds, New York.
1895	Colonial Mutual Fire, Boston; failed.
1897	Colonial Mutual Fire, Philadelphia; retired.
1911	Colonial Mutual Fire, Philadelphia, Pa.; liquidated.
1905	Colonial Underwriters, Chicago; retired.
1881	Colorado, Denver; failed.
1907	Colorado Fire, Denver, Col.; reinsured in Southern, New Orleans.
1901	Colorado Mutual, Denver; receiver appointed.
1906	Colorado Merchants and Farmers Mutual, Denver; retired.
1883	Columbia, New York; reinsured in Merchants, Newark.
1907	Columbia Fire, Washington, D. C.; reinsured in Royal, Liverpool.
1911	Columbia Fire, Omaha, Neb.; reinsured in National, Hartford.
1891	Columbia F. & M., Portland, Ore.; reinsured in German-American, New York.
1896	Columbia Fire Lloyds, New York; reinsured in Norwood and other companies.
1905	Columbia Fire Association, Chicago, Ill.; retired.
1893	Columbia, Rensselaer & Dutchess County Mutual; reinsured in Westchester, N. Y.
1894	Columbia Marine, New York.

When Retired.	NAME OF COMPANY.
1911	Columbia Mutual Fire, Philadelphia, Pa.; liquidated.
1840	Columbian, Boston.
1894	Columbian, Louisville; failed.
.....	Columbian Fire and Marine, Boston.
1896	Columbian Lloyds, New York; name changed to Atlas F. & M. Lloyds.
1883	Columbus Insurance and Banking Company, Columbus, Miss.; reinsured in Phoenix of London.
1910	Columbus Mutual, Columbus, Wis.; receiver appointed.
1878	Commerce, New York; reins. in Star, N. Y.
1896	Commerce Fire Lloyds, New York; did not complete organization.
1896	Commerce Mutual, Boston; failed.
1883	Commercial, Baltimore; reinsured in German of Baltimore.
1871	Commercial, Chicago; failed by Chicago fire.
1883	Commercial, Cincinnati; reinsured in Merchants and Manufacturers, Cincinnati.
1871	Commercial, Cleveland; failed by Chicago fire.
1911	Commercial Fire, Des Moines, Ia.; merged with Hawkeye & Des Moines, Des Moines, Iowa.
1908	Commercial, Little Rock, Ark.; receiver appointed.
1908	Commercial Fire, Houston, Tex.; reinsured in Spring Garden.
1896	Commercial Fire, Montgomery, Ala.; reinsured in Pennsylvania Fire.
1897	Commercial Fire, Saginaw, Mich.; retired.
1914	Commercial Fire, Washington, D. C.; reinsured in Nord Deutsche, Hamburg and Globe and Rutgers, New York.
1901	Commercial Mutual, Des Moines; retired.
1903	Commercial, New Albany, Ind.; failed.
1896	Commercial Mutual, Providence; retired.
1878	Commercial Mutual Marine, New Bedford.
1860	Commercial, Nantucket.
1876	Commercial, New Orleans; reinsured in Sun of New Orleans.
1877	Commercial, St. Louis; failed.
1884	Commercial, New York; reinsured in Exchange, New York.
1891	Commercial, San Francisco; reinsured in Palatine, Manchester.
.....	Commercial, West Virginia.
1896	Commercial Lloyds, New York; reinsured in Philadelphia Mutual Fire; resumed business and again retired in 1900.
1882	Commercial Mutual, New York; retired from fire insurance field; in 1891 reinsured marine business in Providence-Washington.
1907	Commercial National, Denver, Col.; merged with Imperial Fire, Denver.
1904	Commercial Union Undrs., Chicago; retired.
1908	Commonwealth, Atlanta, Ga.; ceased business.
1883	Commonwealth, Boston; reinsured in Commercial Union.
1904	Commonwealth, Bel Air; retired.
1871	Commonwealth, New York; failed.
.....	Commonwealth, Philadelphia; retired.
1908	Commonwealth Fire, Ottumwa, Iowa; reinsured in Monongahela, Pittsburg.
1896	Commonwealth Fire, Winchester, Va.; charter annulled.
1895	Commonwealth Fire Assn., New York; retired.
.....	Commonwealth, West Virginia; retired.
1895	Commonwealth Mutual, Boston; failed.
1891	Commonwealth Mutual, Decatur; failed.
1896	Commonwealth Mutual, Philadelphia; failed.
1906	Conestoga Fire, Lancaster, Pa.; consolidated with Armenia, Pittsburg, and amalgamation organized as Guardian Fire, Pittsburg.
1878	Connecticut Mutual, Meriden, Conn.; reinsured in Continental, New York.
1883	Confiance, Paris; retired from United States, reinsuring American risks in Howard, N. Y., and Manufacturers, Boston.
1887	Conservative, Bismarck (or Fargo), Dakota; failed.
1912	Consolidated Fire and Marine, Minneapolis; reinsured in Northwestern Fire and Marine, Minneapolis.
1891	Consolidated Mutual, Chicago; failed.
1911	Consolidated Mutual Fire, Philadelphia, Pa.; liquidated.

When Retired.	NAME OF COMPANY.
1884—	Consolidated Underwriters (Lloyds), New York; reinsured in Eastern Mutual, Philadelphia.
1905—	Continental of Illinois, Chicago; reinsured in National, Allegheny.
1872—	Continental, Baltimore; reins. in German, Md.
.....	Continental, Philadelphia; retired.
1907—	Continental Fire, Little Rock, Ark.; reinsured in Spring Garden.
.....	Continental, West Virginia; retired.
1896—	Continental Fire, Minneapolis; failed.
1908—	Continental Fire Association, Fort Worth, Tex.; charter revoked.
1889—	Continental Mutual, Michigan City, Ind.; failed.
1896—	Continental Lloyds, New York.
1896—	Continental Mutual Fire, Boston; not in active business.
1908—	Continental Tornado and Cyclone, Fort Worth, Tex.; charter revoked.
1896—	Continental Mutual Fire, Philadelphia; assigned.
1905—	Continental Underwriters, Chicago; retired.
1886—	Conway Fire, Boston.
1877—	Conway Mutual Fire, Conway.
1908—	Cook County Fire Lloyds, Chicago, Ill.; failed.
1911—	Cooper, Dayton, Ohio; reinsured in North British & Mercantile.
1912—	Co-operative Fire, Port Jervis, N. Y.; liquidated.
.....	Corn City Mutual, Toledo; failed.
1873—	Corn Exchange, New York; failed by Boston fire.
.....	Corn Exchange, Philadelphia; failed.
1898—	Cornwall Mutual, Lebanon, Pa.; retired.
1908—	Cosmopolitan Fire, New York; reinsured in Royal Exchange.
1911—	Cosmopolitan Mutual Fire, Philadelphia, Pa.; ceased business.
1896—	Council Bluffs, Council Bluffs; failed.
1908—	Craft Owners Indemnity Exchange, Washington (State).
1881—	Cranbury Mutual, Cranbury, N. J.; retired.
1870—	Crescent, Cincinnati; retired.
1898—	Crescent, Cleveland; failed.
1896—	Crescent, New Orleans; reinsured in Hartford Fire.
1898—	Crescent Lloyds, New York; reinsured in Jackson Fire and Marine, New Orleans.
1898—	Croton, New York; failed.
.....	Dairymen's Town Mutual, St. Louis, Mo.
1891—	Dakota Fire and Marine, Mitchell, S. D.; retired; resumed in 1893; retired in 1896.
1888—	Dakota Mutual; reinsured in Fidelity Mutual of Huron, Dakota.
1898—	Dauntless Mutual, Philadelphia; failed.
1891—	Dauphin Mutual, Dauphin, Pa.; failed.
1876—	Davenport, Davenport; retired.
1892—	Davenport Mutual, Davenport, Ia.
1896—	Dayton, Dayton, O.; reins. in Home, N. Y.
1907—	Decatur County Mutual, Leon, Ia.; voluntary liquidation.
1878—	Defiance, Defiance; retired.
1884—	Delaware Fire, Wilmington; reinsured in American, Philadelphia.
1863—	Delaware Mutual, Philadelphia.
1908—	Delaware, Dover, Del.; reinsured in Hartford Fire.
1912—	Delaware, Philadelphia, Pa.; reinsured in Westchester, N. Y.; North River, New York.
1881—	Delaware State, Wilmington; license revoked; reinsured in Queen.
1892—	Delta, Greenville, Miss.; retired.
1874—	Delta, New Orleans; failed.
1883—	Denver, Denver; failed.
1898—	Denver, Denver; reins. in Royal, Liverpool.
1910—	Des Moines Fire, Des Moines, Ia.; amalgamated with Hawkeye, Des Moines.
.....	De Soto, Missouri; retired.
1912—	De Soto Fire, Memphis, Tenn.; ceased business.
.....	Detroit Mutual of Wayne, Washtenaw and Lenawee counties; failed.
1892—	Detroit Manufacturers Mutual, Detroit; retired.
1897—	Detroit Residence Mutual, Detroit; retired.
1906—	Dominion, Tazewell, Va.; reinsured in Prudential, Tazewell.

When Retired.	NAME OF COMPANY.
.....	Dighton Mutual Fire, Dighton.
1884—	Dorchester Fire, Dorchester.
1888—	Dover Mutual, Dover, N. H.; reinsured in Citizens of Dover, N. H.
1891—	Druggists Mutual, Philadelphia; retired.
1911—	Dry Goods & Grocers Mutual, Jefferson, Wis.; reinsured in Michigan Commercial.
1905—	Dry Goods Mutual, Philadelphia; ceased business.
1891—	Duluth Mutual, Duluth; failed.
1891—	Dunbarton Mutual, Dunbarton, N. H.; retired.
1905—	Duquesne Mutual, Pittsburg; receiver appointed.
1906—	Dutchess, Poughkeepsie; reinsured in Connecticut Fire, Eureka Fire and Marine, Teutonia and Colonial, New York, and retired.
1912—	Dutchess Fire, Poughkeepsie; merged with Nassau, New York.
1894—	Dwelling House, Boston; reinsured in Springfield F. & M., Springfield, Mass.
1894—	Eagle, Cincinnati; reinsured in Commercial, Cincinnati.
1863—	Eagle Fire, Boston.
1908—	Eagle Fire Company, New York; reinsured in North British & Mercantile.
1897—	Eagle Mutual Fire, Boston; retired.
1873—	Eastern, Bangor; failed.
1900—	Eastern, New York; merged with Northern, New York.
1911—	Eastern Canada Manufacturers, Montreal; reinsured in Central Canada Manufacturers Mutual, Toronto.
1911—	Eastern Jackson Farmers, Grass Lake, Mich.; discontinued.
1897—	Eastern Mutual Fire, Boston; failed.
.....	Easton, Philadelphia; retired.
1896—	East River Mutual, Long Island City; retired.
1864—	East River, New York; retired.
1891—	East Tennessee, Knoxville; reinsured in American, New York.
1891—	East Texas, Tyler; reinsured in Commercial of Alabama, Fire Association of Philadelphia, and Syndicate of Minneapolis.
1896—	Eastern Assurance, Halifax, N. S.; reinsured in Union, London.
1896—	Eastern Fire Lloyds, New York; name changed to Commerce Fire Lloyds.
1896—	Eastern Mutual Fire, Philadelphia; assigned.
1871—	Eclipse, Cincinnati; reins. in Miami Valley.
1893—	Eclipse, Cleveland; failed.
1894—	Economic, London, England; failed.
1907—	Elevator Underwriters at Grain Dealers Exchange, Kansas City, Mo.; reinsured in Millers Mutual Fire, Harrisburg, Pa.
1872—	Eliot, Boston; failed by Boston fire.
1893—	Elizabeth Mutual, Elizabeth, N. J.; reinsured in German-American, New York.
1892—	Electric Mutual, Boston; reins. in Home, New York.
1891—	Eliot, Boston; reins. in Niagara, N. Y.
1896—	Ellicott Lloyds, Buffalo, N. Y.
1912—	El Reno Mutual Fire, El Reno, Okla.; receiver appointed.
1878—	Empire, Chicago; retired.
1912—	Empire City Fire, New York; merged with Williamsburgh City.
1864—	Empire Mutual, Union Springs, New York.
1894—	Empire State, Rochester; reinsured in Royal.
1910—	Empire State Fire Insurance Association, Utica, N. Y.; liquidated.
1896—	Empire State Fire Lloyds Association, New York; failed.
1891—	Enterprise, Cincinnati; reinsured in Royal, Liverpool.
1871—	Enterprise, Philadelphia; failed by Chicago fire.
1890—	Enterprise, Pittsburg; retired.
1896—	Enterprise Fire Lloyds, New York.
1901—	Enterprise Fire, Lexington, Ky.; failed.
.....	Equitable, Chicago; failed.
1891—	Equitable, Meriden; reinsured in St. Paul German.
1894—	Equitable, Nashville; reinsured in Palatine, Manchester.
1871—	Equitable, Wheaton, Ill.; failed by Chicago fire.
1898—	Equitable, Wheeling, Va.; reinsured.

When Retired.	NAME OF COMPANY.
1904	Equitable Fire and Marine Lloyd, Chicago; retired.
1908	Equitable of Indiana, Indianapolis, Ind.; failed.
1894	Equitable Fire Lloyds, New York; reinsured in East River Mutual, New York.
1902	Equitable Fire, Snow Hill, Md.; reinsured in Delaware, Dover, Del.
1896	Equitable Marine, Provincetown, Mass.; retired.
1912	Equitable Millers Mutual, Philadelphia.
1896	Equitable Mutual Fire, New York; failed.
1912	Equitable Mutual Fire, Richmond, Me.; receiver appointed.
1906	Equitable Mutual Fire, St. Paul; receiver appointed.
1898	Equitable Safety, Boston.
.....	Equitable Town Mutual, Chillicothe, Mo.
.....	Equitable Town Mutual, Kansas City, Mo.
1911	Equity Mutual Fire, Philadelphia, Pa.; dissolved.
1902	Erie, Buffalo; reinsured in Aetna, Hartford.
1893	Erie, Sandusky; failed.
1896	Erie County Mutual Fire, Buffalo; reorganized as Erie Fire.
1912	Esopus Co-operative, Port Ewen, N. Y.; liquidated.
1894	Esperance, Brussels; retired.
1864	Essex, Salem.
1914	Essex County Mutual, Bloomfield, N. J.; solved.
1844	Essex Marine, Newburyport.
.....	Essex Mechanics Mutual Fire, Salem.
1896	Essex Mutual Fire, Salem, Mass.; reinsured in Lancashire.
1878	Eureka, Pittsburg; failed.
1912	Eureka Manufacturers Mutual Fire, Indiana, Pa.; liquidated.
1894	Evansville, Evansville, Ind.; reinsured in Phenix, Brooklyn.
1890	Everett, New York; failed.
1871	Excelsior, New York; failed by Chicago fire.
1907	Excelsior Fire, New York; dissolved.
1871	Excelsior, St. Louis; reins. in Merchants, N. J.
1896	Excelsior Fire Lloyds, New York; retired.
1894	Excelsior Mutual Fire, Boston; failed.
1872	Exchange Fire, Boston.
1904	Exchange Fire Underwriters, Chicago; retired.
1872	Exchange, Lynn; failed by Boston fire.
1891	Exchange, New York; reinsured in Lancashire, Manchester; resumed 1892, and reinsured in New York Bowery in 1893.
1912	Exchange Mutual, Philadelphia; receiver appointed.
1893	Factors and Traders of New Orleans; reinsured in German-American of New York.
1912	Factors Fire, Memphis; reinsured in Westchester, New York.
1896	Factors Mutual (Marine), Memphis; reinsured in Factors Fire.
1877	Factory Mutual, Boston.
1897	Factory Mutual, Philadelphia; retired.
1898	Fairfax, Alexandria.
1899	Fairfield, South Norwalk; reins. in Niagara.
1867	Fairhaven, Fairhaven.
1891	Fairhaven Mutual Marine, Fairhaven.
1891	Fairmount Mutual, Philadelphia; failed.
1811	Fairmount Mutual Fire, Philadelphia, Pa.; dissolved.
1900	Falls Church (Va.) Mutual; retired.
1892	Falls City, Louisville; reinsured in London and Lancashire.
1908	Falls City Fire, Spokane, Wash.; merged with Pioneer Fire, Tacoma, Wash.
1900	Falls City Mutual, Falls City, Neb.; failed.
1878	Fame, Philadelphia; reinsured in Liverpool and London and Globe; reorganized 1906; retired in 1906.
1890	Faneuil Hall, Boston; reinsured in New York Underwriters Agency.
1887	Fargo, Fargo, Dak.; failed.
1878	Farm Buildings, Herkimer; failed.
1897	Farmers, Cincinnati; reinsured in Germania New York.
1881	Farmers, Howard, O.; wound up.
1894	Farmers, Seattle; reins. in State, Salem, Ore.
.....	Farmers and Mechanics, Washington, D. C.; failed.

When Retired.	NAME OF COMPANY.
1886	Farmers and Mechanics Fire, Alexandria, Va.; failed.
1906	Farmers and Merchants Fire, Rochester, N. Y.; ceased business.
1891	Farmers and Mechanics Mutual, Millersburg, Pa.; failed.
1894	Farmers and Merchants, Albany, Ore.; retired.
1870	Farmers and Merchants, Cincinnati; retired.
1911	Farmers and Merchants, Lincoln, Neb.; receiver appointed.
1901	Farmers & Merch., San Antonio, Tex.; failed.
1872	Farmers and Merchants, Dayton; reinsured in Firemens of Dayton.
1874	Farmers and Merchants, Mahanoy City; failed.
1898	Farmers and Merchants Fire, Blooming Prairie, Minn.; retired.
1908	Farmers and Merchants Fire, Dallas, Tex.; charter revoked.
1890	Farmers and Merchants Mutual, Denver; retired.
.....	Farmers & Merchants Town Mutual, Cameron, Mo.
1908	Farmers and Planters Mutual Protective Association, Waxahatche, Tex.; charter revoked.
1914	Farmers and Threshers Mutual Fire, Huron, S. D.
1906	Farmers and Threshers Mutual Fire, Paris, Ill.; receiver appointed.
1906	Farmers and Traders Mutual Fire of Monroe County, New York; retired.
1902	Farmers Alliance Mutual Fire, Denver, Colo.; discontinued business.
1906	Farmers Co-operative, Seattle; retired.
1886	Farmers Home, Jewell, O.; reinsured in Queen, Liverpool.
1877	Farmers Joint Stock, Meriden, N. Y.; failed.
1914	Farmers Mutual Equity, Henderson, Ky.; dissolved.
1914	Farmers Mutual Fire, Johnstown, Wis.
1914	Farmers Mutual Fire, Koshkonong, Wis.; liquidated.
1870	Farmers, Merchants and Manufacturers, Hamilton; reins. in Firemens, Dayton.
1899	Farmers Mutual, Arkansas; failed.
1911	Farmers Mutual, Meadville, Pa.; receiver appointed.
.....	Farmers Mutual Fire of Schoolcraft, Delta and Menominee Counties, Menominee, Mich.; receiver appointed.
1906	Farmers Mutual of Ingham, Clinton and Eaton Counties, Lansing, Mich.; ceased business.
1907	Farmers Mutual of Washburn County, Wis.; receiver appointed.
1904	Farmers Mutual Fire, Manistique, Mich.; retired.
1892	Farmers Mutual Fire, Georgetown.
1897	Farmers Mutual Fire, Montevideo, Minn.; retired.
1903	Farmers Mutual Fire Association, Montgomery, Tex.; charter revoked.
1896	Farmers Mutual Fire of Alcona, Alpena and Montmorency counties, Mich.
1908	Farmers Fire and Tornado, Texarkana, Tex.; charter revoked.
1908	Farmers Mutual Insurance Association, Hubbard City, Tex.; charter revoked.
1901	Farmers Mutual of Alger, Marquette and Baraga counties, Mich.; retired.
1908	Farmers Mutual of Hunt County, Greenville, Tex.; charter revoked.
1897	Farmers Mutual Fire of Middle Pa.; retired.
1896	Farmers Mutual Fire of Midland, Gladwin and Clair counties, Mich.; receiver appointed.
1892	Farmers Mutual of Otsego, Crawford and Roscommon counties, Vanderbilt, Mich.; failed.
.....	Farmers Mutual, Canton, Dak.
.....	Farmers Mutual, Groton, Dak.
1890	Farmers Mutual, Meriden, N. Y.
1886	Farmers Mutual, Buffalo, N. Y.
1897	Farmers Mutual of Nashville, Tenn.
1871	Farmers Mutual, Malone, N. Y.
.....	Farmers Mutual, Alexandria, Dak.
1893	Farmers Mutual of Ogemaw, Arenac and Iosco counties, Mich.; failed.

When Retired.	NAME OF COMPANY	When Retired.	NAME OF COMPANY.
.....Farmers Mutual of Gratiot and Isabella counties, Ithaca, Mich.; failed.		1890—Firemens, New York; reinsured in Home of New York and Mechanics and Traders of New Orleans.	
.....Farmers Mutual of Kalkaska, Missaukee and Wexford counties, Mich.; failed.		1902—Fire Undra. of America, Chicago; retired.	
.....Farmers Mutual of Lake, Osceola and Wexford counties, Cadillac, Mich.; failed.		1902—First National, South McAlester, I. T.; reinsured in Druggists National So. McAlester.	
1898—Farmers Mutual Fire, Danville, Pa.; retired.		1896—First National Fire, Fredericksburg, Va.; charter annulled.	
1899—Farmers Mutual, Hatboro, Pa.; dissolved.		1895—First National Fire, Worcester; reinsured in National, Hartford.	
1901—Farmers Mutual, Wilmington, N. C.; failed.		1844—Fishing, Boston.	
1900—Farmers Mutual Hail and Cyclore, Watertown, S. D.; failed.		1845—Fishing, Provincetown.	
1903—Farmers Mutual Relief, Hillsboro, Tex.; charter revoked.		1911—Flood City Mutual Fire, Johnstown, Pa.; liquidated.	
1900—Farmers Mutual, Thompson, O.; retired.		1897—Florida Fire, Jacksonville and Tampa; reinsured in North British and Mercantile.	
1890—Farmers National, Plankinton; failed.		1915—Florida Fire and Casualty, Jacksonville; reinsured in First National Fire, Washington.	
1891—Farmers Union Mutual, Grand Island, Neb.; retired.		1909—Florida Home; reinsured in Atlantic National, Macon, Ga.	
1878—Farmville, Farmville, Va.; reinsured.		1911—Fond du Lac Mutual, Fond du Lac, Wis.; discontinued business.	
1898—Farragut, New York; reins. in Lancashire.		1870—Forest City, Cleveland; failed.	
1861—Fayette Mutual Fire, Lawrence.		1914—Forest City, Rockford, Ill.; reinsured in National Fire, Hartford.	
1879—Federal, Allegheny; reinsured.		1904—Fort Dearborn Fire Assn., Chicago; retired.	
.....Federal, Washington, D. C.; retired.		1912—Fort Pitt Mutual, Pittsburgh, Pa.	
1904—Federal Fire Underwriters of Illinois, Chicago; retired.		.....Fort Worth, Fort Worth, Ind.; reinsured in Indiana Underwriters.	
1905—Federal Fire, Chicago; canceled business and retired.		1899—Fort Wayne, Fort Wayne, Ind.; failed.	
1909—Federal Lloyds, Chicago; retired.		.....Franklin, Tenn.; retired.	
1900—Fidelity, Baltimore; absorbed by Firemens, Baltimore.		1872—Franklin, Boston; failed by Boston fire.	
1890—Fidelity, Cincinnati; reinsured in Washington, Conn.		1883—Franklin, Boston; reinsured in Scottish Union and National.	
1894—Fidelity Fire and Marine, Boston.		1874—Franklin, Camden; failed.	
1894—Fidelity F. and M., Cincinnati; reinsured in Merchants and Manufacturers, Cincinnati.		1871—Franklin, Cincinnati; reinsured in Triumph and Fidelity.	
1878—Fidelity, Delphos, O.; reinsured in Firemans Fund, San Francisco.		1899—Franklin, Columbus; reinsured in Guardian, London.	
1899—Fidelity, Great Falls, N. H.; reinsured in London and Lancashire.		1902—Franklin, Columbus; reinsured in New York Underwriters Agency.	
1912—Fidelity, Des Moines; reinsured in German-American, New York.		1878—Franklin, Baltimore; retired.	
1891—Fidelity, Huron; reins. in Hekla, St. Paul.		1902—Franklin, Evansville, Ind.; reinsured in American, Newark.	
1904—Fidelity Ins. Assn., New York; liquidated.		1890—Franklin, Indianapolis; reinsured in German-American, New York.	
1896—Fidelity Fire Lloyds, New York; retired.		1895—Franklin, Louisville; reins. in National, Ct.	
1906—Fidelity Home Fire, Corsicana, Tex.; charter revoked.		1874—Franklin, New Orleans; failed.	
1908—Fidelity Home Fire, Dallas, Tex.; charter revoked.		1867—Franklin, New York; failed.	
1898—Fidelity Mutual, Philadelphia; failed.		1878—Franklin, St. Louis; reins. in Home, N. Y.	
1899—Fidelity Mutual Fire, Denver, Colo.; reinsured in Loyal Mutual Fire, Denver.		1911—Franklin, Wheeling, W. Va.; reinsured in National, Hartford.	
.....Fidelity Town Mutual, Kansas City, Mo.		1884—Franklin and Emporium, New York; reinsured in Exchange.	
1897—Fire and Marine, Wheeling, W. Va.; reinsured in Caledonian.		1914—Franklin Fire, Washington; reinsured in Boston, Boston.	
1906—Fire and Marine Lloyds, Washington, D. C.; ceased business.		1871—Franklin Mutual, Malone, N. Y.; retired.	
1892—Fire Association, New York; reinsured in Lancashire, Manchester.		1897—Franklin Mutual Fire, Greenfield, Mass.; reinsured in Globe Insurance Company.	
1892—Fire Association of Texas, Waco; reinsured in Mechanics and Traders, New Orleans.		1906—Franklin Mutual Fire, St. Louis; reinsured in National, Hartford.	
1897—Fire County Mutual, Detroit, Mich.; retired.		.....Franklin Mutual Fire, Lynn.	
1888—Fire Insurance Association, London; retired from United States; reinsured in New Hampshire of Manchester, Liberty of New York, Norwich Union of England, and Merchants of Newark, N. J.		1899—Fraternal Fire, Lima, Ohio; failed.	
1893—Fire Ins. Co. of Sandusky, O.; failed.		1896—Frederick Co. Mutual, Frederick, Md.; dissolved.	
1915—Fire Ins. Co. of Seattle; reinsured in Pacific States, Portland, Ore.		1910—Freeholders, Topeka, Kan.; reinsured in Firemens, Newark.	
1873—Firemans, Altoona; failed.		1871—Fulton, New York; failed by Chicago fire.	
1871—Firemans, Chicago; failed by Chicago fire.		1896—Fulton Underwriters, New York; retired.	
1906—Firemans Fraternity, Millersburg, Ky.; failed.		1863—Gallatin, New York; failed.	
1897—Firemens, Chicago; retired.		1877—Galveston, Galveston; reinsured in Union.	
1907—Firemens Fund Insurance Corporation, San Francisco, Cal.; reinsured in Firemans Fund and retired from business.		1871—Garden City, Chicago.	
1904—Firemens, Baltimore; failed by Baltimore fire; Baltimore risks reinsured in Firemans Fund; outside risks in Providence Washington.		1896—Garden City Mutual Fire, Chicago; failed.	
1896—Firemens, Cincinnati; reinsured in Merchants and Manufacturers, Cincinnati.		1909—Garfield Assurance Fire Lloyds, New York; liquidated.	
1892—Firemens, Dayton; reins. in National, Conn.		.....Gate City Fire, Atlanta, Ga. receiver appointed.	
1884—Firemens Trust, Brooklyn; reinsured in American of Newark, and Phenix of Brooklyn and Boston Marine.		1878—Gebhard, New York; merged with Star, N.Y.	
1873—Firemens, Boston; failed by Boston fire.		1892—General, London; reinsured fire business in London and Lancashire.	
1896—Firemens, Boston; reins. in Hartford Fire.		1889—General Fire Insurance Company, Mutual, New York; organized, but never materialized.	
1899—Firemens, New Orleans; reinsured in Germania of New Orleans.		1896—General Lloyds, New York.	
1879—Firemens Fund, New York; reinsured in Peoples, Newark.		1909—Genesee Valley Fire, Rochester, N. Y.; liquidated.	
		1911—George Washington Mutual Fire, Philadelphia, Pa.; liquidated.	
		1897—Georgia Empire Mutual, Atlanta, Ga.; retired.	
		1915—Georgia Fire, Atlanta, Ga.; reinsured in Royal Liverpool.	

When Retired.	NAME OF COMPANY.
1865	Georgia Industrial, Atlanta; receiver appointed.
1867	Georgia Mutual, Atlanta, Ga.; receiver appointed.
1867	Georgia Mutual, Atlanta, Ga.; retired.
1867	German-American, New Orleans; failed.
1864	German-American, Richmond, Va.; failed.
1860	German-American, St. Paul; reinsured in St Paul German.
1866	German-American F. and M. Lloyds, New York; name changed to Royal F. and M. Lloyds.
1860	German-American Town Mutual, California, Mo.; failed.
1865	German-American Mutual Fire, Hastings, Neb.; receiver appointed.
1864	German-American Inter Insurers Underwriters, Chicago; retired.
1865	German Alliance Underwriters, Chicago; ceased business.
1856	German Fire Association, Toledo; failed.
1867	German-American Mut., St. Louis; assigned.
.....	German-American Mutual of Wayne, Oakland and Livingston Cos., Detroit; failed.
1867	German-American Town Mutual, St. Louis Mo.; assigned.
1871	German, Cleveland; failed.
1872	German, Dayton; reinsured in Teutonia.
1874	German, Erie; failed.
1866	German, Freeport; reinsured in Royal, Liverpool; receiver appointed.
1812	German, Indianapolis; reinsured in National, Hartford.
1863	German, Phila.; reins. in National, Conn.
1863	German, Quincy, Ill.; reinsured in Manchester, England.
1873	German, St. Louis; reinsured in German American and German Mutual.
.....	German, Scotland, Dak.
.....	German, Sioux Falls.
1864	German Equity Fire of Monroe County, N. Y.; retired.
1812	German Fire, Memphis, Tenn.; receiver appointed.
1856	German Fire Lloyds, New York; name changed to Associated Underwriters.
1814	German Fire Under., Gary, Ind.; failed.
.....	German Guarantee Town Mutual, Kansas City, Mo.
1860	German Mutual, Newark; reinsured by National, Hartford.
1867	German Mutual, Oklahoma City; receiver appointed.
1862	German Mutual Fire, Denver, Colo.; reinsured in Commercial National, Denver, Colo.
1866	German Mutual Fire, St. Louis; reinsured in National, Hartford.
1868	German Mutual, Des Moines, Ia.; failed.
1868	German National, Chicago; reinsured in Dubuque Fire and Marine; receiver appointed.
1866	German National, Louisville; reinsured in Orient, Hartford.
1814	German Security Fire, Louisville, Ky.; reinsured in Boston, Mass.
1863	German Union, Baltimore; retired.
1864	German Union, Wilmington, Del.; reinsured in Star Fire, Louisville, Ky.
1871	Germania, Chicago; failed by Chicago fire.
1872	Germania, Cleveland; reinsured in Sun.
1879	Germania, Elizabeth; reinsured in La Caisse Generale.
1860	Germania, Memphis, Tenn.; reinsured in American, New York.
1866	Germania, Newark; reinsured in German-American, Newark.
1868	Germania, New Orleans, La.; absorbed by Teutonia, New Orleans.
.....	Germania, Toledo, retired.
1868	Germania Fire Lloyds, Chicago; retired.
1860	Germania F. and M., Cincinnati; reinsured in German-American, New York.
1860	Germania Town Mutual, Rockport, Mo.; failed.
1866	Germania Insurance Assn., Toledo; retired.
1867	Germania Mutual Fire, Philadelphia; failed.
1811	Ginners Mutual, Athens, Ga.; receiver appointed.
1877	Globe, Boston; reinsured in Shawmut.

When Retired.	NAME OF COMPANY.
1876	Globe, Chicago; failed.
1862	Globe, Cincinnati; reinsured in Phenix, Brooklyn.
1885	Globe, Des Moines; reinsured in Des Moines.
1899	Globe, New York; merged with Rutgers Fire, New York.
1915	Globe Fire, San Antonio; reinsured.
1896	Globe Mutual Fire, Philadelphia; retired.
1884	Gloucester, Gloucester, Mass.; reinsured in Westchester, New York.
1869	Gloucester Marine, Gloucester.
.....	Gloucester Marine, Gloucester.
1866	Goodhue, New York; reinsured in Metropolitan.
1906	Grain Dealers Mutual, Minneapolis, Minn.; reinsured in Security Mutual, Chatfield, Minn.
1900	Grain Growers Mutual, Lincoln, Neb.
1882	Granby Mutual, Granby, Mass.; retired.
1914	Grand Forks Mutual Fire, Grand Forks, N. D.; reinsured.
1901	Grand Rapids, Grand Rapids, Mich.; reinsured in National, Hartford.
1880	Granite, Richmond; reins. in Connecticut.
1864	Great Barrington Mutual Fire (changed to Housatonic), Great Barrington.
1915	Great Southern Fire, Lyndon, Ky.; merged with Henry Clay Fire, Lexington, Ky.
1871	Great Western, Chicago; failed by Chicago fire.
1876	Great Western, New Orleans; failed.
.....	Great Western, Philadelphia; retired.
1886	Great Western Marine, New York; retired.
1914	Green Bay & DePere Mutual Fire, Green Bay, Wis.; reinsured.
1869	Greenfield Stock and Mutual, Greenfield.
1903	Greenwood Fire, Greenwood, S. C.; reinsured in Commercial Union, London.
1904	Greenwich, New York; reinsured in Commercial Union, London; resumed business in 1910; merged with the Pacific Fire, New York, in 1913.
1870	Grocers, New York; reinsured in Greenwich.
1896	Grocers Mutual Fire, Philadelphia; retired.
1899	Guarantee Mutual Fire, Harrisburg; failed.
1839	Guaranty, Great Falls, N. H.; reinsured in London and Lancashire.
1877	Guaranty, New York; reinsured in Royal.
1906	Guardian Fire of Oneida County, New York; restrained from transacting business.
1896	Guardian Fire, Memphis, Tenn.; reins. in Millers and Manufacturers, Minneapolis.
1880	Guardian, New York; reinsured in Liverpool and London and Globe.
1894	Guardian, Huntington, W. Va.; mail unclaimed.
1894	Guardian, London; reinsured in New York Underwriters Agency; Union, London; Fire Association, Philadelphia; Lion, London; Imperial, London.
1906	Guardian Mutual Fire, Pittsburg; retired.
.....	Guardian, Philadelphia; retired.
1903	Guardian Fire, Pittsburg, Pa.; absorbed by Southern, New Orleans.
1874	Gulf City, Mobile; reinsured in Stonewall.
1911	Guthrie Mutual, Guthrie, Okla.; merged with El Reno Mutual.
1884	Hampden, Springfield.
1880	Hamilton Fire, Boston, Mass.
1897	Hamilton Mutual, Cincinnati; assigned.
1873	Hamilton, Hamilton; reinsured in Miami Valley.
1861	Hamilton Mutual Fire, Salem.
.....	Hamilton Town Mutual, Hamilton, Mo.
1883	Hamburg-Magdeburg, Hamburg; retired from United States, except Pacific coast, reinsuring risks in the Fire Insurance Association. Absorbed by Magdeburg, 1896.
1866	Hampden Mutual, Springfield, Mass.; retired.
1912	Hancock Mutual Fire, Bar Harbor, Me.; receiver appointed.
1866	Harmony, New York; failed.
.....	Hardwick Mutual, Johnsonburg, N. J.; retired.
1871	Hartford, Baltimore; reinsured in Royal.
1897	Harvard Mutual, Boston; retired.
1866	Haverhill Mutual, Haverhill.
1913	Hawkeye and Des Moines, Des Moines; reinsured in Firemans Fund, San Francisco.

When Retired.	NAME OF COMPANY.
1891	Hekla, St. Paul; reins. in St. Paul German.
1908	Helvetia-Swiss, St. Gall; retired.
1880	Hendrick Hudson, New York; retired.
1912	Herkimer Fire, Illion, N. Y.; liquidated.
1889	Hermitage, Nashville, Tenn.; reinsured in Mechanics and Traders, New Orleans.
1878	Hibernia, Cleveland; retired.
1880	Hibernia, Newark; reinsured in German American, New York.
1914	Hibernia, New Orleans; reinsured in Home, N. Y.
1871	Hide and Leather, Boston; failed by Chicago fire.
1904	High Point Fire, N. C.; reinsured in Atlanta-Birmingham.
1896	Highland Mutual, Newburgh; retired.
1879	Hoboken, Hoboken; reinsured in London and Lancashire.
1881	Hoffman, New York; reinsured in Niagara.
1877	Holland Purchase, Batavia; retired.
1884	Holliston Mutual Fire, Holliston.
1904	Home, Baltimore; failed by Baltimore fire.
1880	Home, Charleston, S. C.; reinsured in Phoenix, London.
1871	Home, Chicago; failed by Chicago fire.
1882	Home, Columbus, O.; failed.
1877	Home, Galveston; reinsured in East Texas.
1908	Home, Groesbeck, Tex.; charter revoked.
1907	Home Insurance Banking & Trust, Galveston, Tex.; receiver appointed.
1908	Home Fire, Galveston; charter revoked.
1908	Home Fire, McAlister, Okla.; reinsured in Western National, Oklahoma City.
1905	Home Fire, Seattle; reins. in Pioneer Mutual, Seattle.
1908	Home Fire, Phoenix, Ariz.; ceased business.
1806	Home Fire, Little Rock, Ark.; receiver.
1913	Home, Dover, Del.; license revoked.
1908	Home, Greensboro, N. C.; absorbed by Southern Underwriters.
1909	Home Fire Association, Rochester, N. Y.; permanently enjoined.
1906	Home Fire and Marine, San Francisco, Cal.; retired.
1908	Home Indemnity, Houston, Tex.; charter revoked.
1896	Home Insurance Association, Mt. Vernon, O.; retired.
1912	Home Fire Insurance Association, Cincinnati, Ohio; receivers appointed.
1861	Home Mutual Fire, Boston.
1914	Home Mutual Fire, Jackson, Miss.; receiver appointed.
.....	Home Mutual Fire, Springfield.
1900	Home, Memphis; reins. in National, Conn.
1899	Home, Nashville; reinsured in Westchester.
1879	Home, Newark; reinsured in Queen.
1904	Home, New Orleans; reinsured in German, Freeport.
1871	Home, New Haven; failed.
1900	Home, Omaha; reinsured in Farmers and Merchants, Lincoln, Neb.
1872	Home, Savannah; retired.
1899	Home, Seattle; reins. in Westchester, N. Y.
1881	Home, Shenandoah; merged with Cedar Rapids.
1873	Home, St. Joseph; reins. in National, Mo.
1892	Home, Tiffin, O.; reinsured in Central Ohio, Toledo.
1873	Home, Toledo; reins. in Phenix, Brooklyn.
1874	Home, Topeka; reinsured in Brewers.
1872	Home, Washington; retired.
1913	Home Fire, Dover, Del.; license revoked.
1913	Home Fire, Wheeling; reinsured in Phoenix, Hartford.
1899	Home Guarantee Mutual, Lowell, Mass; reinsured in New Hampshire Fire.
1878	Home Mutual, Boston; failed.
1871	Home Mutual, Cincinnati; reinsured in Union Central.
1905	Home Mutual, Cleveland; failed.
1891	Home Mutual, Genesee county, Mich.; retired.
1880	Home Mutual, St. Louis; reinsured in American Central.
.....	Home Mutual of Ionia, Clinton and Montcalm counties, Ionia, Mich.; failed.
1900	Home Mutual, Standish, Mich.; retired.
1896	Home, Mt. Vernon, O.; failed.

When Retired.	NAME OF COMPANY.
1893	Home, Nashville; reinsured in Westchester, New York, and resumed business.
1883	Home Protection of North Alabama, Huntsville; reinsured in Mechanics and Traders, New Orleans.
1898	Home Manufacturers and Traders Mutual, Concord, N. H.; failed; resumed; retired in 1898.
1900	Home Protection, Charlotte, N. C.; retired.
1900	Home Raisers Mutual, Lincoln, Neb.; retired.
1912	Homestead Mutual, Portland, Me.; liquidated.
1880	Homestead, New York; failed.
1878	Homestead, Watertown, N. Y.; retired.
1910	Homestead Fire, Franklin, Va.; reinsured in Seaboard Fire, Norfolk, Va.
.....	Home Town Mutual, Bolivar, Mo.
1899	Home Town Mut., Warrensburg, Mo.; failed.
1867	Hope, Boston.
1888	Hope, New Orleans; failed.
1881	Hope, New York; merged in Sterling, N. Y.
1874	Hope, Philadelphia; failed.
1872	Hope, Providence; failed by Chicago fire.
.....	Hope, Salem.
1896	Hope Mutual Fire, Philadelphia; reinsured in Globe Fire, New York.
1901	Hope Mutual, St. Louis, Mo.; reinsured in National, Hartford.
1914	Hortonville Mutual Fire, Hortonville, Mis.
1912	Hotel Owners Mutual Fire, Philadelphia.
.....	Houastonic Mutual Fire, Stockbridge.
1876	Householders, Pittsburg; failed.
1899	Howard, Baltimore; merged in United of Baltimore.
1872	Howard, Boston; failed by Boston fire.
1898	Howard, New York; reinsured in London and Lancashire.
1886	Houston, Houston; reins. in City of London.
1907	Houston Fire and Marine, Houston, Tex.; reinsured in Walla Walla, Guardian and the Southern; receiver appointed.
1884	Hudson, Jersey City; reinsured in German-American, New York.
1891	Hudson River F. and M., Jersey City; failed.
1883	Humboldt, Newark; reinsured in Williamsburgh City and Metropole.
1872	Humboldt, New York; failed by Boston fire.
1878	Huntington Mutual, Huntington, N. Y.
.....	Hunterdon County Mutual, Lambertville, N. J.; retired.
1881	Illinois; Beardstown; failed.
1906	Illinois Bankers, Mt. Vernon, Ill.; reinsured in Commonwealth, Ottumwa.
1905	Illinois Central, Chicago; retired.
1903	Illinois Fire Undra, Chicago, Ill.; failed.
1891	Illinois Manufacturers Mutual, Rockford; retired.
1891	Illinois Mutual, Alton; failed.
1871	Illinois Mutual, Springfield; failed.
1896	Illinois Mutual Fire, Chicago; failed.
1909	Illinois National, Decatur, Ill.; receiver appointed.
1903	Imperial, London; retired from U. S.; Pacific Coast bus. reins., in London Assurance.
1913	Imperial Fire Denver; reinsured in German-American, New York.
1896	Imperial Fire Lloyds, New York; succeeded by Importers and Traders Lloyds.
1911	Imperial Mutual Fire, Philadelphia, Pa.; liquidated.
1911	Implement and Vehicle Dealers Mutual, Indianapolis, Ind.; reinsured in North British and Mercantile, London.
1882	Importers and Traders, New York; reinsured in American, New York.
1896	Indemnity, Davenport, Ia.; reinsured in State, Des Moines.
1886	Indemnity, New York; failed.
1907	Indemnity Fire, New York; reinsured in Norwich Union and suspended business.
1896	Indemnity Fire Lloyds, New York; succeeded by Indemnity Association of Underwriters.
1896	Indemnity Association of Underwriters, New York; name changed to South American Union Underwriters.
1914	Indemnity Exchange Mutual Fire, Los Angeles, Cal.; ceased business.
1870	Independence, Independence; failed.

When Retired.	NAME OF COMPANY.
1908	Independence Mutual, Philadelphia, Pa.; receiver appointed.
1871	Independent, Boston; failed by Chicago fire.
1896	Independent, New Orleans; retired.
.....	Independent, Philadelphia; retired.
1904	Independent Fire Underwriters of Springfield, Ill.; retired.
1896	Independent National, Newburgh, N. Y.; retired.
1896	India Mutual (Marine), Boston; reinsured in Boston Marine; reorganized in 1894 to write fire insurance; in 1912 reinsured in New Jersey Fire, Newark.
1880	Indian Head Mutual, Nashua; reinsured in Granite State, Portsmouth, N. H.
1902	Indiana, Indianapolis; reins. in Granite State; German, Indianapolis; American, Newark.
1891	Indiana Farmers Mutual, Elwood; closed up.
1913	Indiana Millers, Indianapolis; reinsured.
1911	Indiana State Fire, Indianapolis, Ind.; receiver appointed.
1906	Indianapolis Fire, Indianapolis, Ind.; reinsured in German-American, New York.
1914	Individual Fire Underwriters, St. Louis, Mo.; canceled policies.
1906	Industrial Fire Underwriters, Chicago; ceased business.
1899	Industrial Mutual, Harper's Ferry; retired.
1897	Industrial Mutual, Providence, R. I.; retired.
1897	Industrial Mutual Fire, Philadelphia; retired.
1904	Inland Fire Undra, Chicago; liquidated.
1908	Inland Fire, Spokane, Wash.; receiver appointed.
1908	Insurance Company of Tennessee, Nashville, Tenn.; reinsured in National, Hartford.
1892	Ina. Co. of Dakota, Sioux Falls; failed.
1912	Insurance Company of State of Illinois, Rockford, Ill.; reinsured in Hanover Fire, New York.
1899	Insurance Company of the State of New York; reinsured in Manhattan, New York.
1902	Insurance Co. of the State of Pennsylvania, Philadelphia; ceased business; resumed in 1908.
1896	Insurers Alliance, New York.
1911	Insurers Mutual Fire, Philadelphia, Pa.; dissolved.
1896	Insurance Trust, New York; retired.
1911	Integrity Mutual Fire, Philadelphia, Pa.; liquidated.
1908	Inter-City Town Mutual, Moberly, Mo.; ceased business.
1910	International Fire, St. Louis, Mo.; receiver appointed.
1906	International Fire of West Virginia, Atlantic City, N. J.; receiver appointed.
1911	International Fire Office, New York; liquidated.
1906	Interocean Fire of Monroe County, New York; ceased business.
1906	Inter Ocean Underwriter, Chicago; ceased business.
1912	Inter-State Fire, Birmingham, Ala.; reinsured in German, Peoria.
1904	Inter-State Lloyds, Chicago; failed.
1911	Interstate, Suffolk, Va.; reinsured in German American, New York.
1896	Inter-State Fire Association, New Orleans; reinsured in Home, New Orleans, and Johnson Agency.
1904	Interior Undra, Chicago; ceased business.
1890	Interstate Mutual, Elkhart, Ind.; failed.
1897	Interstate Mutual, Philadelphia; retired.
1914	Interstate Mutual Fire, Sioux Falls, S. D.; reinsured in Sioux Falls Mutual Fire, Sioux Falls, S. D.
1900	Interstate Fire, Texarkana, Ark.; ceased business.
1872	International, New York; failed by Chicago fire.
1901	International, New York; retired;
1896	Ionia, Eaton & Barry Farmers Mutual Fire, Ionia, Mich.; retired.
1904	Iowa Farmers Protective, Des Moines; reinsured in Mutual Hailstorm, Des Moines.
1896	Iowa Fire, Des Moines; reinsured in Capital Fire, Des Moines.
1907	Iowa German Mutual, Des Moines, Iowa; receiver appointed.

When Retired.	NAME OF COMPANY.
1908	Iowa Home, Dubuque, Iowa; reinsured in National, Hartford.
1904	Iowa Merchants Mutual, Des Moines; failed.
1890	Iowa Mutual Fire Ass'n, Des Moines; failed.
1897	Iron City Mutual, Pittsburg, Pa.; retired.
.....	Iron City, West Virginia; retired.
1887	Iron and Oak, Birmingham, Ala.; reinsured in Macon, Macon, Ga.
1898	Iron and Steel Manufacturers Mutual, Philadelphia; retired.
1892	Iron District, Spartanburg, S. C.; reinsured in American, Philadelphia.
1871	Irving Fire, New York; failed by Chicago fire.
1884	Irving, New York; reinsured in United Fire Reinsurance.
1896	Irving Fire Lloyds, New York; name changed to Atlantic F. and M. Underwriters Association.
1890	Island Home, Knoxville; reinsured in East Tennessee, Knoxville.
1908	Isthmus Lloyds, New York; retired.
.....	Jackson County Town Mutual, Kansas City and Independence, Mo.
1896	Jackson F. and M., New Orleans; retired.
1914	James River, Richmond Va.; forfeited charter.
1891	Jefferson, New York; reins. in Home, N. Y.
1879	Jefferson, St. Louis; reinsured in Tradesmen, New York.
1881	Jefferson, Steubenville, O.; reinsured in Norwich Union.
1890	Jefferson, Wheeling; reinsured in Franklin, Wheeling.
1914	Jefferson City Town Mutual, Jefferson City, Mo.; reinsured in Palatine, London.
1912	Jefferson Fire, Philadelphia; reinsured in Firemans Fund, San Francisco, and North River, New York.
1896	Jefferson Fire Lloyds, New York.
1906	Jefferson Fire and Marine, Richmond, Va.; receiver appointed.
1904	Jefferson Mut. Fire, Pine Bluff, Ark.; failed.
1892	Jersey City, Jersey City; reinsured in Liverpool and London and Globe.
1894	Johnson County Farmers Mutual, Tecumseh, Nebraska; retired.
1907	Johnstown Mutual, Johnstown, Pa.; receiver appointed.
1911	Joliet Mutual, Joliet, Ill.; license canceled.
1914	Kanawha Fire, Maywood, W. Va.; retired.
1899	Kanawha F. and M., Grafton, W. Va.
1906	Kansas Fire, Topeka; receiver appointed.
1876	Kansas, Leavenworth; failed.
1871	Kansas City, Kansas City; failed.
1900	Kansas City (Mo.) Town Mutual; failed.
1898	Kansas Farmers, Abilene; reinsured in Shawnee, Topeka.
1890	Kansas Home Mutual, Topeka; retired.
1899	Kansas Protective Union Mutual, Topeka; retired.
1902	Kearsarge Fire, Concord, N. H.; failed.
.....	Kensinger, Philadelphia; retired.
1910	Kensington Mutual, Philadelphia, Pa.; receiver appointed.
1891	Kenton, Covington; reins. in National, Conn.
1897	Key City, Dubuque; reins. in Lancashire.
1876	Keystone, Reading; failed.
1904	Kings County Fire, N. Y.; absorbed by Atlas, London.
1866	Kingston Mutual, Kingston, N. Y.
1890	Kittanning Mutual, Kittanning, Pa.; failed.
1871	Knickerbocker, Chicago; failed by Chicago fire.
1890	Knickerbocker, N. Y.; reins. in Home, N. Y.
1892	Knox Mutual, Knox, Ind.; failed.
1896	Knoxville Fire, Knoxville; retired.
.....	La Belle, West Virginia; retired.
1892	Lafayette, Brooklyn; reins. in Home, N. Y.
1870	Lafayette, Cincinnati; retired.
1904	Lafayette, N. Y.; reinsured in National, Hartford.
1890	Lafayette, Lexington, Mo.; retired.
1896	Lafayette Fire Lloyds, New York.
1906	Lafayette Mutual Fire, Pittsburg; receiver appointed.
1912	Lahaska Mutual, Doylestown, Pa.; receiver appointed.
1904	Lahaska Mutual, New Hope, Pa.; retired.
.....	Lamar, Chicago; failed.
1871	Lamar Fire New York; failed by Chicago fire.

When Retired.	NAME OF COMPANY.
1883	Lamar, New York; reins. in Phenix, B'klyn.
1907	Lampetire Mutual Fire, Greenland, Pa.; retired.
1901	Lancashire, Manchester; purchased by the Royal; American business reinsured in Hartford Fire.
1878	Lancaster, Lancaster, Pa.; retired.
.....	Lansdale Mutual Fire and Storm, Lansdale, Pa.; retired.
1879	Lawrence, Boston; failed by Boston fire.
1861	Lawrence Mutual Fire (changed to Hamilton Mutual Fire, 1863), Lawrence.
.....	Lawrence Mutual Fire, Methuen.
1914	Leathermens Mutual Fire, Philadelphia; receiver appointed.
.....	Lebanon Town Mutual, Lebanon, Mo.
.....	Lee Mutual Fire, Lee.
.....	Lehigh Valley, W. Va.; retired.
1881	Lenox, New York; reins. in Citizens, N. Y.
1891	Liberty, New York; reins. in Home, N. Y.
1896	Liberty Fire Lloyd, New York.
1910	Liberty Mutual, Philadelphia, Pa.; receiver appointed.
1905	Liberty Underwriters, Chicago; ceased business.
1914	Lima Mutual Fire, Lima, Wis.; reinsured.
1914	Lincoln, Chambersburg, Pa.; reinsured in National, Hartford.
1887	Lincoln, Lincoln, Neb.; failed.
1896	Lincoln; reinsured in Potomac.
1893	Lincoln Fire, New York; receiver.
1903	Lincoln Insurance and Banking Co., Hammond, Ind.; failed.
1910	Lincoln Mutual, Philadelphia, Pa.; receiver appointed.
1904	Lincoln Mutual Fire, Lincoln, Neb.
1901	Lion Fire, London; reinsured Pacific Coast risks in Niagara; ceased business in United States.
1906	Lisbon Mutual Fire, Lisbon, Ia.; reinsured in Acme Fire, Lisbon.
1896	Lloyds of New York City, New York.
1914	Lodi Mutual Fire, Lodi, Wis.
1914	Lomira Mutual Fire, Lomira, Wis.; reins.
1885	London and Provincial, London; retired.
1906	Lone Star Mutual Hail Association, Waco, Tex.; charter revoked.
1906	Lone Star of Texas, San Antonio, Tex.; charter revoked.
1890	Long Island, Brooklyn; reinsured in Royal of Liverpool.
1853	Long Pond Mutual Fire, Boston.
1898	Long Island Mutual, Patchogue; failed.
1871	Lorillard Fire, New York; failed.
1883	Lorillard, New York; reinsured in Guardian, London.
1913	Los Angeles Fire, Los Angeles, Cal.; reinsured in Home, New York.
1887	Louisiana, New Orleans; failed.
1912	Louisville, Louisville, Ky.; reinsured in Globe & Rutgers, N. Y., and Henry Clay Fire, Lexington, Ky.
1892	Louisville Germania, Louisville; reinsured in Phenix, Brooklyn.
1890	Louisville Underwriters, Louisville; reinsured in Lancashire.
1906	Loyal Mutual Fire, Denver; amalgamated with Northwestern Mutual Fire, Denver, under title of Loyal-Northwestern.
1911	Loyal Mutual Fire, Philadelphia, Pa.; liquidated.
1906	Loyal-Northwestern Mutual Fire, Denver; reinsured in National Mutual Fire, Omaha.
1896	Lucas County Mutual, Toledo, O.; failed.
1914	Lumber, N. Y., reinsured partly in Western Toronto.
1906	Lumber Ins. Assn., Chicago, Ill.; absorbed by Federal Union Fire.
1913	Lumber Underwriters, El Paso; retired.
1871	Lumbermans, Chicago; reinsured in Firemens of Chicago.
1883	Lumbermens, Berkeley Springs, W. Va.; failed.
1912	Lumbermens, Washington (State).
1890	Lumbermens and Manufacturers Mutual, Eau Claire; reinsured in Mutual Fire Association, Eau Claire.
1877	Lumbermans and Mechanics, St. Louis; reinsured in National of New York.
1906	Lumbermens, So. McAlester, I. T.; retired.

When Retired.	NAME OF COMPANY.
1890	Lycorning, Muncy, Pa.; failed.
1907	Lumbermens and Merchants Mutual Fire, Williamsport, Pa.; receiver appointed.
1883	Lynchburg Banking and Insurance Company, Lynchburg, Va.; retired from insurance field.
1867	Lynn Mechanics Fire and Marine, Lynn.
1897	Macon Fire, Macon, Ga.; reinsured in Firemans Fund and Virginia F. and M.
1912	Madawaska Mutual Fire, Van Buren, Me.; liquidated.
1890	Madison, Madison, Wis.; reinsured in Westchester, New York.
1901	Magdeburg, Magdeburg, Germany; reinsured in Springfield Fire and Marine.
1901	Magdeburg, New York; reinsured in Springfield Fire and Marine.
1914	Maine Fire and Marine, Portland.
.....	Maine Mutual Fire, Augusta; reinsured in Granite State Fire, Portsmouth.
1879	Manayunk, Philadelphia; retired.
1904	Manchester, Eng.; absorbed by Atlas, London.
1890	Manchester City, Manchester, N. H.; reinsured in Aetna, Hartford.
1890	Manhattan Mutual, Goshen, N. Y.; failed.
1871	Manhattan, New York; failed by Chicago fire.
1883	Manhattan Fire, New York; reinsured in Phoenix, Brooklyn.
1901	Manhattan Fire, New York; failed.
1883	Mannheim Mutual, Mannheim, Pa.; failed.
1872	Manufacturers, Boston; failed by Chicago fire.
1906	Manufacturers and Mercantile, Chicago; retired.
1913	Manufacturers and Merchants Mutual, Philadelphia, Pa.; receiver appointed.
1886	Manufacturers Fire and Marine, Boston; reinsured in Phoenix, London; Providence Washington and British and Foreign Marine.
1912	Manufacturers Mutual Fire, Indianapolis, Ind.; receiver appointed.
1883	Manufacturers, Newark; reinsured in Germania, New York.
.....	Manufacturers, Philadelphia; retired.
1904	Mfra. Fire Undra, Chicago; ceased business.
1883	Manufacturers, Wheeling, W. Va.; retired.
1892	Manufacturers and Builders, New York; reinsured in Palestine, Manchester; resumed under control of latter and again reinsured in same company in 1894.
1891	Manufacturers Mutual, Akron, O.; failed.
1906	Manufacturers Mutual, Indianapolis, Ind.; receiver appointed; reorganized in 1908.
1891	Manufacturers Mutual, Batavia; failed.
1891	Manufacturers Mutual, Grand Rapids; failed.
1891	Manufacturers Mutual, Louisville; failed.
1890	Manufacturers Mutual, Milwaukee; failed.
1889	Manufacturers Mutual, St. Louis; dissolved.
1843	Manufacturers Mutual, Worcester.
1897	Manufacturers Mutual Fire, Atlanta; failed.
1890	Manufacturers and Merchants, Concord; reinsured.
1899	Manufacturers and Merchants, Pittsburg, Pa.; reinsured in Fidelity, Baltimore.
1907	Manufacturers and Merchants F. and M., Washington (State).
1901	Manufacturers and Merchants Mutual, Rockford, Ill.; failed.
1911	Manufacturers and Traders, Minneapolis, Minn.; ceased business.
1893	Manufacturers and Traders Co-operative, New York; failed.
1909	Manufacturers Insurance Association, Washington (State).
.....	Marblehead, Marblehead.
.....	Marblehead Mutual Fire, Marblehead.
1885	Marblehead Marine and Fire, Marblehead.
1891	Marine, St. Louis; reinsured in Manchester England.
1906	Marinette (Wis.) Mutual; reinsured.
1871	Market Fire, N. Y.; failed by Chicago fire.
1873	Market, New York; failed by Boston fire.
1896	Marlboro Mutual Fire, Marlboro.
1901	Marshall Town Mutual, Marshall, Mo.; reinsured in American Guarantee Fund Mutual, St. Louis; resumed business in 1908.

When Retired.	NAME OF COMPANY.
1804	Maryland Fire, Baltimore; failed by Baltimore fire; reins. in Liverpool and London and Globe, Liverpool.
1810	Maryland Fire, Easton, Md.; merged with Peoples Fire, Frederick, Md.
1808	Maryland Home; failed.
1814	Maryland Mutual Fire, Baltimore, Md.; reinsured in Baltimore Mutual, Baltimore.
1867	Massachusetts Fire and Marine, Ipswich.
1848	Massachusetts Fire (changed to Massachusetts Fire and Marine in 1790), Boston.
1804	Massachusetts Mutual, Boston; reinsured in Firemens, Boston.
1873	Massachusetts Mutual Fire, Boston.
1886	Massasoit, Springfield, retired.
1861	Maverick Mutual Fire, Chelsea.
1912	Mecca Mutual Fire, Waco, Texas; license canceled.
1876	Mechanics and Farmers Mutual Fire (changed to Housatonic Mutual Fire, 1864), Stockbridge.
1884	Mechanics and Traders, New York; reinsured in Citizens, Pittsburg.
.....	Mechanics & Traders Town Mutual, Kansas City, Mo.
1878	Mechanics, Brooklyn; reinsured in the Alliance, New York.
1872	Mechanics Mutual Fire, Boston.
1890	Mechanics, Newark; reinsured in German-American of New York.
.....	Mechanics, Owensburg, Va.; retired.
1896	Mechanics Fire, Richmond; reinsured in Continental.
1904	Mechanics Fire Assn., Chicago; reinsured in Merchants Fire Assn. of America, Chicago.
1897	Mechanics Mutual, Atlanta, Ga.; retired.
1873	Mechanics Mutual, Boston; reinsured in Scottish Union and National.
1891	Mechanics Mutual, Harrisburg, Pa.
1863	Mechanics Mutual, Troy; failed.
1846	Mechanics, New Bedford.
1896	Melrose Mutual Fire, Boston; failed.
1887	Memphis City, Memphis; reinsured in North British and Mercantile.
1906	Mercantile Assurance, Wilmington, Del.; charter forfeited.
1876	Mercantile, Chicago; reinsured in Home of Galveston.
1880	Mercantile, Cleveland; reinsured in Phenix of Brooklyn and Home of New York.
1888	Mercantile, Mobile; retired.
1883	Mercantile, New York; reinsured in German-American.
1892	Mercantile Fire, Charleston, S. C.; failed.
1906	Mercantile Fire, Waco, Tex.; charter revoked.
1910	Mercantile Fire, Denver, Colo.; absorbed by Merchants Fire, Denver, Col.
1908	Mercantile Fire, Little Rock, Ark.; absorbed by Standard Fire, Fordyce, Ark.
1912	Mercantile Fire and Marine, Boston, Mass.; reinsured in American Central, St. Louis.
1913	Mercantile Fire and Marine, Dover, Del.; license revoked.
1904	Mercantile Fire and Marine, Washington, D. C.; retired.
1902	Mercantile Lloyds, New York; retired.
1902	Mercantile Mutual Fire, Dickinson, S. D.; retired.
1911	Mercantile Mutual Fire, Philadelphia, Pa.; liquidated.
1906	Mercantile Mutual Fire, St. Paul; receiver.
1896	Mercantile Mutual Fire, Philadelphia; name changed to Iron and Steel Manufacturers Mutual.
1906	Mercantile Mutual Fire, Washington (State).
1870	Mercantile Mutual (Marine), New York; retired.
.....	Mercantile Mutual of Sanilac, Huron and Tuscola Counties, Sand Beach, Mich.; failed.
1913	Mercantile Town., Nebraska; reinsured in the National Union, Pittsburg.
1914	Mercantile Town Mutual, Kansas City, Mo.; reinsured in Nat'l Union Fire, Pittsburg.
1908	Mercantile Town Mutual, St. Louis, Mo.; assigned.
1910	Mercantile Reciprocal Underwriters, Fort Worth, Tex.; reinsured in Texas National.

When Retired.	NAME OF COMPANY.
1912	Merchants and Bankers Mutual, Beloit, Wis.; reinsured in Old Colony, Boston.
1800	Merchants and Farmers, Redfield, S. D.; reinsured in Agricultural of Sioux City.
1910	Merchants and Manufacturers, Cincinnati, Ohio; reinsured in Home, N. Y.
.....	Merchants and Manufacturers, Omaha, Neb.; receiver appointed.
1904	Merchants and Manufacturers Fire Association, Chicago; retired.
1906	Merchants and Manufacturers Fire, Dover, Del.; charter forfeited.
.....	Merchants and Mechanics, Canton.
1906	Merchants National Mutual Fire, Indianapolis; receiver appointed.
1907	Merchants Fire, Little Rock, Ark.; reinsured in Queen City Fire.
1891	Merchants Mutual, Cincinnati; reinsured in Phoenix Mutual, Cincinnati.
1911	Merchants Mutual Fire, Philadelphia, Pa.; liquidated.
1872	Merchants Mutual Marine, Newburyport.
1889	Merchants, Louisville; reins. in Niagara, N. Y.
1846	Merchants, New Bedford.
1888	Merchants, New York; reinsured in Westchester, New York.
1872	Merchants, Boston; failed by Boston fire.
1891	Merchants Mutual, Altoona; failed.
1887	Merchants Mutual, Baltimore; reinsured in Washington Fire and Marine, Boston.
1908	Merchants Mutual, San Antonio, Tex.; charter revoked.
1886	Merchants (formerly Beverly), Boston; reinsured in Boston Marine.
1877	Merchants, Louisville; reinsured in Royal.
1871	Merchants, Chicago; failed by Chicago fire.
1896	Merchants, Hammond, Ind.; failed.
1871	Merchants, Hartford; failed by Chicago fire.
1902	Merchants, Newark; reinsured in National, Hartford.
1872	Merchants Mutual, San Francisco.
1909	Merchants Mutual Fire, Atlanta, Ga.; liquidated.
1896	Merchants Mutual Fire, Denver, Colo.; reinsured in Western Mutual Fire, Denver, Colo.
1896	Merchants Marine, Bangor, Me.; reinsured in Insurance Company of North America.
1897	Merchants Mutual Fire, Marshall, Mich.; retired.
1887	Merchants Mutual (Marine), Baltimore; retired.
1909	Merchants Mutual Fire, Topeka, Kan.; receiver appointed.
1888	Merchants, Decatur, Ala.; failed.
1903	Merchants, Memphis; reinsured in Phoenix of Memphis.
1904	Merchants, New Orleans; reinsured in German, Freeport.
1876	Merchants, New Orleans; failed.
.....	Merchants, Philadelphia; retired.
1900	Merchants, Providence; reinsured in Hartford Fire.
1886	Merchants, St. Joseph, Mo.; reinsured in Connecticut, Hartford.
1910	Merchants Exchange, Chicago, Ill.; reinsured in Underwriters Exchange, Chicago.
1907	Merchants Fire Insurance Association, Seattle, Wash.; reinsured in Walla Walla Fire, Walla Walla, Wash.
1906	Merchants Fire Underwriters, Chicago, Ill.; ceased business.
1904	Merchants, St. Louis; reinsured in Michigan F. & M., Concordia of Milwaukee, and German of Pittsburg.
1906	Merchants State Mutual, Fargo, N. D.; reinsured in National Mutual Fire, Omaha.
1910	Merchants & Planters, Tulsa, Okla.; receiver appointed.
1912	Merchants & Planters Mutual, Memphis, Tenn.; receiver appointed.
1896	Merchants and Manufacturers, Clinton, Ia.; reinsured in State, Des Moines.
.....	Merchants and Manufacturers, Douglass, Neb.; failed.
1896	Merchants and Manufacturers Fire Lloyds, Baltimore; reorganized as Merchants and Manufacturers Fire Insurance Company.

When Retired.	NAME OF COMPANY.
1891	—Merchants and Manufacturers Mutual, Clinton, Ia.; reinsured in Merchants and Manufacturers, Clinton.
1898	—Merchants and Manufacturers Fire Association, Newark; retired.
1898	—Merchants and Manufacturers, Baltimore; reinsured in Palatine.
1871	—Merchants and Mechanics, Baltimore; failed by Chicago fire.
1876	—Merchants and Mechanics, Petersburg; failed.
.....	—Merchants and Mechanics, Philadelphia; retired.
1883	—Merchants and Mechanics, Richmond, Va.; reins. in New York Underwriters Agency.
1871	—Merchants and Traders, Louisville; reinsured.
1899	—Merchants National, Chicago; failed.
1883	—Merchants, New York; reinsured in Westchester and the Alliance.
.....	—Merchants Town Mutual, St. Joseph, Mo.
1883	—Merchants Union, Kearney, Neb.; retired.
1896	—Merchants Union Fire Association, New York; reinsured in Home Protection Fire Underwriters Lloyds.
1891	—Meriden, Meriden; reinsured in Royal.
1911	—Metal Manufacturers Mutual, Indianapolis, Ind.; reinsured in North British and Mercantile, London.
1911	—Metal Workers Mutual, Providence, R. I.; reinsured in North British and Mercantile.
1883	—Metropole, Paris; retired from United States, reinsuring in Niagara, New York.
.....	—Metropolis, New York; retired.
1885	—Metropolitan Fire and Marine, Boston.
1877	—Metropolitan, New York; reinsured in Continental.
1885	—Metropolitan Lloyds, New York; retired.
1904	—Metropolitan Lloyds, Chicago; failed.
1911	—Metropolitan Mutual Fire, Philadelphia, Pa.; liquidated.
1893	—Miami Valley, Cincinnati; reinsured in Fire Association, Philadelphia.
1895	—Miami Valley, Dayton; reinsured in National Fire, Hartford.
1901	—Michigan Manufacturers Mutual, Bay City; failed.
1899	—Michigan Mutual, Lansing, Mich.; retired.
1879	—Mich. State, Adrian; reins. in Home, N. Y.
1903	—Midland Fire, Kansas City, Kan.; failed.
1895	—Milford Mutual Fire, Milford, Mass; retired.
1900	—Midland National Fire, St. Louis, Mo.; ceased business.
1913	—Middlewest Fire, Valley City, N. D.; merged with Twin City, Minneapolis.
1891	—Mill Owners Mutual, Boston; reinsured in Arkwright Mutual, Boston.
1904	—Millers and Manfrs., Minneapolis, Minn.; failed by Baltimore fire.
1900	—Millers and Manufacturers Mutual, Des Moines; failed.
.....	—Millers and Mechanics Mutual Fire Association, Des Moines; failed.
1915	—Millers and Merchants Underwriters, Dallas, Texas.
1892	—Millers Mutual, De Pere, Wis.; retired.
1900	—Millers Mutual, Kansas City, Mo.; retired.
.....	—Millville Mutual, Millville, N. J.; failed.
1895	—Milton Mutual Fire, Milton, Pa.; failed.
1911	—Milwaukee Fire, Milwaukee, Wis.; merged with Milwaukee Mechanics.
1912	—Milwaukee German, Milwaukee, Wis.; reinsured in New Hampshire Fire.
1891	—Milwaukee Mutual, Milwaukee; failed.
1901	—Minneapolis F. and M. Mutual, Minneapolis; failed.
1890	—Minneapolis Mutual, Minneapolis; failed.
1902	—Minnesota Farm Mut., Minneapolis; failed.
1896	—Minnesota Fire, Minneapolis; reinsured in Springfield F. and M.
1891	—Minnesota Fire Association, Minneapolis; consolidated with Millers and Manufacturers Mutual.
1908	—Mississippi Fire Association, Ebenezer, Miss.; reinsured in Hartford Fire.
1908	—Mississippi Home, Vicksburg, Miss.; receiver appointed.
.....	—Mississippi Valley, Knoxville; retired.
1879	—Mississippi Valley, Memphis; retired.
1891	—Mississippi Valley Manufacturers Mutual, Rock Island; reinsured.

When Retired.	NAME OF COMPANY.
1907	—Missouri State Mutual F. and M., St. Louis; reinsured in Phoenix of Hartford.
1898	—Missouri Valley Town Mutual Fire Insurance Association, St. Louis, Mo.; assigned.
1890	—Missouri Citizens, Sedalia, Mo.; absorbed by Missouri Town Mutual, Nevada, Mo.
.....	—Missouri Farmers & Patrons Mutual, Kansas City, Mo.
1900	—Missouri Town Mutual, Nevada, Mo.; failed.
1900	—Missouri Town Mutual, Rockport, Mo.; assigned.
.....	—Missouri Town Mutual, Kansas City, Mo.
1889	—Mobile, Mobile; reinsured in German-American, New York.
1879	—Mobile Fire Department Insurance Company, Mobile; retired.
1908	—Mohawk Mutual, Syracuse, N. Y.; liquidated.
1912	—Mohawk Valley Fire, Iliou, N. Y.; liquidated.
1908	—Monarsh Mutual, Watertown, S. D.; reins. in Merchants Mutual, Redfield, S. D.
1896	—Monarch, Alexandria, Va.; charter annulled.
1887	—Monarch, Des Moines; failed.
1896	—Monarch Fire Lloyds, New York; reinsured in N. Y. and Mass. Fire Lloyds, N. Y.
1896	—Monitor Fire Lloyds, New York; retired.
1879	—Monitor Mutual, Boston.
1911	—Monongahela Fire, Pittsburg, Pa.; merged with American Union, Philadelphia, Pa.
1904	—Monroe and Lenawee Counties Farmers Mutual Fire, Adrian, Mich.; retired.
1896	—Monroe County Mutual, Stroudsburg, Pa.; failed.
1877	—Montauk Fire, Brooklyn; reins. in Niagara, N. Y.
1896	—Montauk Fire Association, Brooklyn; retired.
1885	—Montgomery Mutual, Canajoharie, N. Y.
1885	—Monroe Mutual, Rochester, N. Y.
1870	—Monumental, Baltimore; reinsured in Royal.
1868	—Morris, New York; failed.
1893	—Morotock, Danville, Va.; retired.
1891	—Mound City Mutual, St. Louis; reinsured in Commercial Union, London.
1894	—Mount Holly, Mount Holly, N. J.; reinsured in Royal.
1900	—Mount Vernon, Alexandria, Va.; reinsured in National of Hartford; resumed business, and again ceased in 1906.
1889	—Mountain City, Chattanooga; retired.
1906	—Mountain Mutual Fire, Denver, Col.; ceased business.
1908	—Muskogee Fire, Muskogee, Okla.; reinsured in Merchants and Planters, Tulsa.
1890	—Mutual, Chicago; failed.
1891	—Mutual, Cincinnati; failed.
1899	—Mutual, Frederick Co., Md.; absorbed by Royal.
1908	—Mutual Co-operative Insurance Association, Georgetown, Tex.; charter revoked.
1897	—Mutual Dwelling House, Lansing, Mich.; reinsured in American, Philadelphia.
1890	—Mutual, Eau Claire; failed.
1908	—Mutual Fire, Dallas, Tex.; charter revoked.
1897	—Mutual Fire, Minneapolis; reorganized into Mutual Fire and Marine Insurance Co.
1892	—Mutual Fire Association, Toledo; failed.
1908	—Mutual Fire Indemnity, Augusta, Ga.; ceased business.
1897	—Mutual Fire, Detroit; retired.
1890	—Mutual Fire, Goshenville, Pa.; retired.
1908	—Mutual Guaranty, Dallas, Tex.; charter revoked.
1908	—Mutual Guaranty, Houston, Tex.; charter revoked.
1897	—Mutual Guarantee Fund Fire, Denver, Col.; retired.
1897	—Mutual Reserve Fund, Chattanooga, Tenn.; retired.
1861	—Mutual Safety Fire, South Reading.
1890	—Mutual, Tacoma; consolidated with Cascade F. and M., Seattle, Wash.
1891	—Mutual Artisans, Muscatine; failed.
1873	—Mutual Benefit, Boston; failed by Boston fire.
1891	—Mutual Fire, New York; reinsured in Lancashire and resumed business; name changed to Manhattan Fire, 1897.
.....	—Mutual Fire, Des Moines; failed.
1891	—Mutual Guaranty, Clinton, Ia.; failed.
1866	—Mutual Marine, New Bedford.

When Retired.	NAME OF COMPANY.
1871	Mutual Security, Chicago; failed by Chicago fire.
1904	Mutual Trust, Dover, Del.; charter revoked.
1904	Mutual Underwriters of Chicago; ceased business.
1906	Mutual Underwriters, Brooklyn, N. Y.; retired.
1891	Mutual Union, Moline; retired.
1891	Mutual of Kentucky, Louisville; failed.
.....	Mutual of Sanilac, Huron and Tuscola Counties, Sand Beach, Mich; failed.
.....	Nail City, West Virginia; retired.
1888	Nantucket Phoenix, Nantucket.
1882	Nantucket Union Marine, Nantucket.
1874	Narragansett, Providence; reinsured in Commercial Union.
.....	Nashua River Mutual Fire, Groton.
1880	Nashville Commercial, Nashville, Tenn.; reinsured in German-American, New York.
1880	Nashville F. and M., Nashville; reinsured in Insurance Company of North America, Philadelphia.
1913	Nassau and Dutchess, New York; merged with Williamsburgh City, New York.
1896	Naassau Lloyds, Buffalo, N. Y.; name changed to Ellicott Lloyds.
1880	National, Baltimore; merged in United of Baltimore.
1872	National, Bangor; failed by Boston fire.
1872	National, Boston; failed by Boston fire.
1913	National, Cincinnati, Ohio; reinsured in Commercial Union, London.
1904	National, Dover, Del., and Guthrie, Okla.; failed.
1905	National, Dublin, Ireland; reinsured U. S. risks in Providence Washington; ceased business in U. S.
1908	National Fire, Davenport, Ia.
1907	National Fire, Little Rock, Ark.; reinsured in Home, New York.
1877	National, Hannibal; failed.
1892	National, New York; reinsured in Commercial Union, London.
.....	National, Philadelphia; retired.
1868	National, San Francisco; reinsured.
1870	National, Toledo; retired.
1893	National, Weston, W. Va.; failed.
1894	National City, Washington; retired.
1894	National Church Mut., Lisbon, Iowa; failed.
1895	National Fire Association, New York; name changed to United Cities Lloyds.
1895	National Fire Lloyds, New York; retired.
1904	National Fire Lloyds, Chicago; failed.
1903	National Fire of Onondaga County, Syracuse, N. Y.; receiver appointed.
1913	National Home, Atlanta; reinsured in Georgia Fire, Atlanta.
1896	National Home Fire, Alexandria, Va.; charter annulled.
1911	National Manufacturers Mutual, Janesville, Wis.; liquidated.
1907	National Mutual Fire, Omaha, Neb.; receiver appointed.
1891	National Mutual, Akron; failed.
.....	National Mutual, Council Bluffs; retired.
1907	National Mutual, Denver, Col.; reinsured in Ohio German Fire, Toledo.
1901	National Mutual, Harrisburg; failed.
1912	National Mutual, Pittsburg, Kan.; receiver appointed.
1890	National Mutual, Salina; failed.
1910	National Mutual, Dover, Del.; receiver appointed.
1902	National Town Mutual Dwelling House, Rockport, Mo.; failed.
1907	National Metropolitan, Washington, D. C. reinsured in American, Newark.
1903	National Standard, New York; absorbed by Assur. Co. of America, New York.
1896	National Underwriters, New York; reinsured in Commercial Lloyds.
1873	Naumkeag Mutual Fire, Salem.
1876	Naumkeag Mutual Fishing, Salem.
.....	Nautilus, New York.
1908	Nebraska Mercantile Mutual, Lincoln, Neb.; receiver appointed.
1891	Nebraska and Iowa National, Omaha; failed.
1909	Nebraska Underwriters, Omaha, Neb.; reinsured in Farmers & Merchants, Lincoln.
1873	Neptune, Boston; failed by Boston fire.
.....	Neptune, Philadelphia; retired.

When Retired.	NAME OF COMPANY.
1866	Neptune Marine, New York; retired.
1891	Neptune F. and M., Boston; reinsured in Providence Washington, Providence.
1906	Netherlands, The Hague; retired.
1871	New Amsterdam, New York; failed.
1910	New Amsterdam Fire, New York; merged with Empire City, New York.
1882	Newark City, Newark; reinsured in Citizens, New York.
1882	Newburyport, Newburyport.
1906	New England Fire, Providence, R. I.; reinsured in Michigan Millers Mutual Fire, Lansing.
1901	New England Fire, Rutland, Vt.; retired.
1907	New England Lloyd, Providence, R. I.; reinsured in Rhode Island Fire, Providence.
1887	New England Mutual, Worcester, Mass.; retired.
1890	New England Mutual, Boston; reinsured in the General Reinsurance Company of Paris.
1896	New England Mutual Fire, Boston; reinsured in Home Guaranty Mutual, Lowell.
.....	New England, Hartford.
1842	New England Marine, Boston.
1871	New England Mutual Marine, Boston.
1858	New England Railroad Mutual Fire, Boston.
1892	New Hanover Mutual, New Hanover, Pa.; failed.
1882	New Jersey, Newark; reinsured in German-American, New York.
1907	New Jersey Fire, Camden, N. J.; reinsured in Shawnee Fire, Globe and Rutgers and Cambridge Mutual Fire.
1896	New Jersey State Fire, Jersey City; reinsured in New York Fire.
1890	New London Town Mutual, New Hampshire; retired.
1904	New London Mutual Fire, Ladbrough, Pa.; retired.
1892	New Orleans Insurance Co., New Orleans; reinsured in Phoenix, Hartford.
1899	New Orleans Insurance Association, New Orleans; reinsured in Sun of New Orleans.
1904	Newport, Providence; retired.
1876	Newport, Providence; reinsured in Providence Washington.
.....	Newton, Newton, Pa.; failed.
1881	New York and Boston, New York; reinsured in Scottish Union and National and Lion.
1899	New York and Brooklyn Mutual, New York; reinsured in Queens and Suffolk.
1861	New York and Erie Mutual, Middletown.
1906	New York Fire, New York; reinsured in New Hampshire Fire and suspended business.
1891	New York, N. Y.; reinsured in Home, N. Y., and resumed business.
1896	New York and Chicago Lloyds, New York; consolidated with South and North American Lloyds.
1896	New York and Erie Fire Lloyds, New York.
1896	New York and London Lloyds, New York.
1896	New York and Philadelphia Underwriters, New York; a branch of Protection Fire Lloyds, which reinsured in New York Fire Lloyds.
1911	New York & New England Underwriters, New York; liquidated.
.....	New York and Yonkers Fire, New York; retired.
1896	New York Bowery, New York; reinsured in Palatine.
1890	New York Central, Union Springs, N. Y.; retired.
1897	New York Central Lloyds, New York; retired.
1881	New York City, New York; reinsured in Standard of London.
1894	New York County Co-operative, New York; failed.
1889	New York Equitable, New York; reinsured in Royal Insurance Company.
1911	New York Insurance Association, New York; enjoined.
1892	New York Mutual (Marine), New York; retired.
1878	New York Produce Exchange, New York; reinsured in Safeguard.
1896	New York State Mutual Fire, New York; failed.

When Retired.	NAME OF COMPANY.
1903	N. Y. F. Undra, at N. Y. F. Lloyds, New York; ceased business.
1906	New York Marine Underwriters, New York; ceased business.
1885	New World, New York; reinsured in North American of New York.
1896	Niagara Fire and Marine Underwriters, Buffalo, N. Y.
1901	Niagara Fire of Erie county, Buffalo, N. Y.; retired.
1896	Niagara Mutual Fire, Philadelphia; failed.
1901	Nippon Sea and Land, Japan; reinsured in British America.
1911	Norfolk Fire Insurance Corporation, Norfolk, Va.; reinsured in Citizens Fire, Charlestown, W. Va.
1894	Norfolk F. and M., Norfolk, Va.; failed.
1903	North American, Boston; reinsured in Royal Exchange and resumed business; liquidated in 1908.
1872	North American, Boston; failed by Boston fire.
1871	North American, Hartford; failed.
1903	North American Mutual Assurance, Waco, Tex.; charter revoked.
1871	North American, New York; failed.
1905	North American Mutual Fire, Pittsburg, Pa.; receiver appointed.
1913	North American Mutual, Mansfield, Ohio; retired.
1906	North American Underwriters, Minneapolis, Minn.; reinsured and retired.
1908	North Carolina Fire, High Point, N. C.; reinsured in German-American, New York.
1913	North Coast Fire, Seattle, Wash.; reinsured in Pacific States Fire, Portland, Ore.
1908	North German Fire, New York; reinsured in Cosmopolitan Fire, New York; receiver appointed.
1905	North Star Dwelling House, Minneapolis; retired.
1908	North State Fire, Greensboro, N. C.; absorbed by Dixie Fire.
1873	Northampton Mutual Fire, Northampton.
.....	Northampton Mutual Fire, Northampton.
1894	Northern, Charleston, W. Va.
1882	Northern, Watertown, N. Y.; retired.
1891	Northern, Sioux City; reinsured in Underwriters Mutual, Sioux City.
1894	Northern and Southern Lloyds, Asheville, N. C.; retired.
1894	Northern City, Duluth; retired.
1910	Northern Iowa Mutual, Clarion, Iowa; reinsured in Horticultural Mutual, Des Moines.
1893	Northern Mutual, Council Bluffs; reinsured in Underwriters Mutual, Sioux Falls.
1893	Northern Mutual, Toledo, O.; failed.
1881	Northern New York Mutual, Plattsburg.
1884	North German, Hamburg; reinsured United States risks in Peoples, New York; recommenced general business in the United States in 1893; reinsured United States risks, except those in Cook County, Ill., and on Pacific Coast, in Western, Toronto, in 1901; retired in 1906.
1873	North Missouri, Macon; failed.
1891	North Pacific, Tacoma; failed.
1875	North Penn. North Wales; failed.
1895	Northwest F. and M., Portland, Ore.; reinsured in Western, Toronto.
.....	Northwest Mo. Town Mutual, Maryville, Mo.
1887	Northwestern, Duluth; reinsured in Commercial Union.
1883	Northwestern, Oswego, N. Y.; failed.
1904	Northwestern Lloyds, Chicago; failed.
1891	Northwestern Mutual, Rock Island; reinsured.
1883	Northwestern Mut., Wahpeton, Dak.; retired.
1907	Northwestern Mutual, Greeley, Col.; ceased business.
1896	Northwestern Mutual Fire Association, Toledo; failed.
1907	Northwestern Mutual Fire of Onondago County, N. Y.; receiver appointed.
.....	Northwestern Scandinavian Farmers Mutual, Grand Forks, Dak.
1900	Norwalk, Norwalk; reinsured in London and Lancashire and Orient.
1871	Norwich, Norwich; failed.
1897	Norwood, New York; reinsured in Providence-Washington.

When Retired.	NAME OF COMPANY.
1896	Nova Scotia Marine, Halifax; failed.
1903	Oak Forest Mutual, Brookville, Ind.; retired.
1894	Oakland Home, Oakland, Cal.; reinsured in Firemans Fund, San Francisco.
1871	Occidental, San Francisco; failed by Chicago fire.
1901	Occidental, San Francisco; retired.
1843	Ocean, Boston.
1903	Oceanic Fire, Waco, Tex.; charter revoked.
1889	Ocean (Marine), Portland, Me.; retired.
1891	Ocean (Marine), Halifax; retired.
1874	Ocean Mutual, New Bedford.
1879	Ohio, Chillicothe; reins. in North German.
1911	Ohio, New Albany, Ind.; receiver appointed.
1895	Ohio, Dayton; reinsured in North British and Mercantile.
1898	Ohio Druggists Mutual, Toledo, Ohio; reinsured in Commercial Mutual of Sandusky, Ohio.
1910	Ohio Fire, Akron, Ohio; retired.
1908	Ohio German Fire, Toledo, Ohio; trustees appointed.
1891	Ohio Manufacturers Mutual, Columbus; failed.
1871	Ohio Valley, Cincinnati; reinsured in Farmers, Merchants and Manufacturers.
1887	Ohio Valley, Wheeling, W. Va.; retired.
1912	Oklahoma Fire, Oklahoma City, Okla.; liquidated.
1865	Old Colony, Plymouth.
1896	Old Colony Mutual Fire, Boston; not in active business.
1893	Old Dominion, Portsmouth, Va.; failed.
1877	Old Dominion, Richmond; reinsured in Liverpool and London and Globe.
1897	Old Dominion Fire, Virginia; retired.
1881	Old North State, Warrentown; wound up.
1904	Old Town, Baltimore; failed by Balti. fire.
1913	Old Town Mutual, Kansas City, Mo.; receiver appointed.
1896	Omaha Fire, Omaha; failed.
1880	Ontario and Livingston Mutual, W. Bloomfield, N. Y.
1883	Orange County Mutual, Goshen, N. Y.; reinsured.
1892	Oregon F. and M., Portland; reinsured in St. Paul F. & M. and Connecticut, Hartford.
1874	Orient, Jersey City; failed.
1887	Oriental, Salem.
1886	Oriental Mutual Marine, New York; retired.
1909	Oriental Mutual, Johnstown, Pa.; receiver appointed.
1870	Oriental, San Francisco; failed.
1911	Osage, Topeka, Kan.; reinsured in National, Hartford.
1884	Oscalosa Fire, Oscaloosa, Ia.; reinsured in Cedar Rapids.
1883	Oshkosh Mutual, Oshkosh, Wis.; retired.
1877	Oswego and Onondago, Phoenix, N. Y.; reinsured in Commercial Union.
1876	Oswego Farmers, Sandy Creek; reinsured in Homestead of Watertown.
1910	Otego Town Fire, Otego, N. Y.; liquidated.
1911	Ottawa Assurance, Ottawa; reinsured in Factories Fire.
1896	Ottawa County Farmers Mutual, Minneapolis, Kan.; retired.
.....	Ozark Town Mutual, Lamar, Mo.
1906	Ozark Mutual Fire, Fort Smith, Ark.; suspended business.
1856	Pacific, New Bedford.
1890	Pacific, Portland, Ore.; reinsured in American, Philadelphia.
1871	Pacific, San Francisco; failed by Chicago fire.
1880	Pacific, St. Louis; reinsured in American Central, St. Louis.
1901	Pacific Fire, New York; reinsured in Westchester, N. Y.; resumed business.
1908	Pacific Fire, Seattle, Wash.; receiver appointed.
1895	Pacific Fire Lloyds; name changed to Buffalo F. and M. Underwriters.
1874	Pacific Mutual, New Bedford.
1911	Pacific Mutual Fire, Providence, R. I.; receiver appointed.
1880	Pacific (Mutual Marine), New York; retired.
1891	Packers and Provision Dealers, Chicago; reinsured in Norwich Union, Norwich.
1904	Packers Individual Underwriters, Chicago; ceased business.

When Retired.	NAME OF COMPANY.
1800—	Palatine, Manchester, Eng.; retired from U. S.; purchased by Commercial Union.
.....	Palladium, New York.
1876—	Palisade, Jersey City; failed.
1910—	Pamlico Insurance and Banking, Tarboro, N. C.; retired.
1910—	Palmetto Mutual, Spartansburg, S. C.; receiver appointed.
1886—	Paper Manufacturers Mutual, Pittsfield.
1881—	Park, New York; reins. in Home, N. Y.
1911—	Park Region Mutual, Minn.; receiver appointed.
1881—	Parkersburg, W. Va.; retired.
1914—	Patapsco Mutual Fire, Baltimore, Md.; reinsured in Baltimore Mutual, Baltimore.
1877—	Paterson, Paterson; failed.
1886—	Patrons Mutual Fire, Worcester; retired.
1906—	Patrons Mutual Fire of Clyde, Mich.; ceased business.
1911—	Patrons Mutual Fire, Coldwater, Mich.; ceased business.
1911—	Patrons Mutual Fire, Hilldale, Mich.; reinsured in Patrons Mutual Fire, Lansing, Mich.
1911—	Patrons Mutual Fire, Lapeer, Mich.; ceased business.
1909—	Patrons Mutual Fire of Tuscola County, Mich.; ceased business.
.....	Patrons of Industry Fire, Malone, N. Y.; retired.
1906—	Patrons of Industry, Saratoga, N. Y.; failed.
1911—	Paxton Mutual, Philadelphia, Pa.; receiver appointed.
1904—	Peabody, Baltimore; failed by Baltimore fire.
.....	Peabody, Philadelphia; retired.
1889—	Peabody, Wheeling, W. Va.; reinsured in Phoenix of London.
1892—	Pelican, New Orleans; reinsured in Sun Mutual, New Orleans.
1913—	Pelican Fire, Shreveport, La.; liquidated.
1873—	Pemberton Mutual Fire, Lawrence.
1886—	Peninsula Mutual, Jackson, Mich.; retired.
1887—	Pennsylvania, Pittsburg; reinsured in German-American, New York.
1894—	Pennsylvania Mutual, Columbia; failed.
1876—	Penn., Philadelphia; failed.
1886—	Penn Fire Lloyds, Camden, N. J.
1887—	Pentucket Mutual Fire, Haverhill.
1873—	Peoples, Baltimore; reinsured in Hanover.
1872—	Peoples, Cincinnati; reinsured in City of Newport.
1864—	Peoples Equitable Mutual Fire, Taunton.
1914—	Peoples Fire, Louisville, Ky.; receiver appointed.
1907—	Peoples Fire, Norfolk, Va.; merged with Republic Fire, Norfolk, Va.
1907—	Peoples Fire, Little Rock, Ark.; receiver appointed.
1903—	Peoples Fire, Dallas, Tex.; charter revoked.
1900—	Peoples Fire, Waco, Tex.; charter revoked.
1906—	Peoples Fire, Washington, D. C.; reinsured in Royal, Liverpool.
1876—	Peoples, Little Rock; reinsured in Continental.
1883—	Peoples, Manchester; failed.
1883—	Peoples, Memphis; reinsured in Northwestern National.
1880—	Peoples, Middletown, Conn.; reinsured in Connecticut, Hartford.
1897—	Peoples Mutual, Baltimore; retired.
1899—	Peoples Mutual, Harrisburg, Pa.; failed.
1911—	Peoples Mutual Fire, Newark, N. J.; receiver appointed.
1911—	Peoples Mutual Fire, Philadelphia, Pa.; liquidated.
1898—	Peoples Mutual Fire, Ravenna, O.; retired.
1882—	Peoples, Newark; reins. in Niagara, N. Y.
1887—	Peoples, New Orleans; liquidated.
1891—	Peoples, New York; reinsured in National Hartford.
1876—	Peoples, Philadelphia; failed.
1901—	Peoples, Pittsburg; reinsured in National Union, Pittsburg.
1871—	Peoples, San Francisco; failed by Chicago fire.
1909—	Peoples Fire, New Orleans, La.; ceased business.
1873—	Peoples, Worcester; failed by Boston fire.
1881—	Peoples, Trenton; reinsured in German American, New York.

When Retired.	NAME OF COMPANY.
1894—	Peoria County Grange, Alta, Ill.; failed.
1894—	Pequannock, Staunton, Va.; failed.
1908—	Perpetual, Philadelphia; reinsured in United Firemens; resumed business; again retired in 1904.
.....	Perry Insurance and Trust Co., Marion.
1911—	Peter Cooper Fire, New York; merged with United States Fire, New York.
1862—	Philadelphia, Philadelphia; reins. in N. Y.
1906—	Philadelphia Fire, Philadelphia; failed.
1896—	Philadelphia Fire Lloyds, Philadelphia; reinsured in Lloyds of New York city.
1896—	Philadelphia Mutual Fire, Phila.; reinsured in Norwood, New York.
1910—	Phenix, Brooklyn; merged with Fidelity Fire, New York, under title Fidelity-Phenix Fire.
1891—	Phenix, Concord; reinsured in Capital, Fire Underwriters Association and Manufacturers and Merchants Mutual, Concord.
1909—	Phoenix Mutual, Syracuse, N. Y.; liquidated.
1878—	Phoenix, Newark; retired.
1878—	Phoenix, Baltimore; reinsured in Hamburg-Bremen.
1909—	Phoenix Fire, Phoenix, Ariz.; ceased business.
1912—	Phoenix Fire Underwriters, Phoenix, Ariz.; reinsured in Firemans Fund, San Francisco.
1881—	Phoenix, Memphis; reinsured.
1877—	Phoenix, St. Louis; reinsured in Queen.
1896—	Phoenix F. and M., Alexandria, Va.; charter annulled.
1913—	Phoenix F. and M., Memphis; reinsured in Westchester, New York.
1910—	Phoenix Fire and Marine, Dover, Del.; certificate revoked.
1892—	Phoenix Mutual, Cincinnati; retired.
1911—	Phoenix Mutual Fire, Portland, Ore.; ceased business.
1906—	Phoenix National Fire of Monroe County, New York; ceased business.
1890—	Phoenix of North Dakota, Minot; failed.
.....	Phoenix Town Mutual, Frankfort, Mo.
1906—	Phoenix Town Mutual, St. Louis; retired.
.....	Phoenix Town Mutual, Boonville, Mo.
1906—	Phoenix Underwriters, New York; ceased business.
1909—	Piedmont Mutual Fire, Greensboro, N. C.; license cancelled.
1890—	Pierre F. and M., East Pierre, South Dakota; failed.
1891—	Pine Tree Mutual, Winona; reinsured in Woodworkers Mutual, Winona.
1892—	Pioneer, Chicago; reinsured in Reserve, Cleveland.
1911—	Pioneer Fire, Oklahoma City, Okla.; reinsured in Phenix, Hartford.
1911—	Pioneer Fire, Seattle, Wash.; reinsured in Arizona Fire.
1909—	Pioneer Insurance Association, Washington (State).
.....	Pittsfield Mutual Fire, Pittsfield.
.....	Plainfield Mutual, Plainfield, N. J.; retired.
1896—	Planters, Alexandria, Va.; retired.
.....	Planters, Jackson, Miss.; retired.
1899—	Planters and Merchants, Mobile; reinsured in German-American.
1900—	Planters F. and M., Memphis, Tenn.; reinsured in Orient, Hartford.
1908—	Planters State, Dallas, Tex.; charter revoked.
1886—	Plymouth County Mutual, Plymouth.
1908—	Pleasant Prairie Mutual Fire; Pleasant Prairie, Wis.; discontinued business.
1893—	Portland Lloyds (Marine), Portland, Me.; retired.
1898—	Portsmouth Fire, Portsmouth, Va.; reinsured in Lancashire.
1896—	Potomac, Alexandria, Va.; charter annulled.
1896—	Potomac F. and M., Alexandria, Va.; charter annulled.
1891—	Potomac c. Baltimore; reinsured in German-American, New York.
1884—	Pottsville Mutual, Pottsville, Pa.; retired.
1860—	Poughkeepsie Mutual, Poughkeepsie, N. Y.
1905—	Powhatan, Manchester, Va.; retired.
1873—	Prescott Fire and Marine, Boston; failed by Boston fire.
1888—	Prescott, Boston; reinsured in North British and Mercantile.

When Retired	NAME OF COMPANY.	When Retired	NAME OF COMPANY.
1911—Profit Sharing Underwriters, San Antonio, Tex.; ceased business.		1807—Republic Fire, Norfolk; charter amended and name changed to Norfolk Fire Insurance Corporation.	
1915—Progressive Relief Association, Dallas, Tex.; license canceled.		1908—Republic Underwriters, Chicago; failed.	
1907—Progressive Town Mutual, Kansas City, Mo.; declared insolvent.		1892—Reserve, Cleveland; failed.	
1906—Property Mutual, Waterloo, Iowa; receiver appointed.		1906—Reserve Fire and Marine, Chicago, Ill.; ceased business.	
1889—Protection, Boston.		1907—Republic Mutual Fire, Johnstown, Pa.; receiver appointed.	
1894—Protection, Charleston, W. Va.; failed.		1906—Retail Merchants Fire Insurance Association, Little Rock, Ark.; reinsured in Merchants Fire, Little Rock.	
1882—Protection, Knoxville, Tenn.; consolidated with Knoxville of Knoxville.		1910—Reserve Mutual, Philadelphia, Pa.; receiver appointed.	
1896—Protection-Manhattan Fire Lloyds, New York; reinsured in New York Fire Lloyds.		1877—Residence, Cleveland; reinsured in Scottish Commercial.	
1897—Protective Fire Association, Detroit; retired.		1894—Residence Mutual, Oberlin, O.; retired.	
1899—Protective Mutual Fire, Philadelphia; failed.		1871—Resolute, Baltimore; reinsured in Imperial.	
1896—Protective Mutual Fire, Providence; retired.		1878—Resolute, New York; amalgamated with New York City.	
1894—Providence, Richmond, Va.; failed.		1914—Retail Merchants Fire, Sioux Falls, S. D.; reinsured in Security Mutual, Chatfield, Minn.	
1913—Provident Mutual, Philadelphia; receiver appointed.		1881—Revere, Boston; reinsured in Fire Insurance Association, London.	
1896—Provincial Fire Lloyds, New York; retired.		1864—Revere Mutual Fire and Marine, Boston.	
1891—Prudential, Boston; reins. in Home, N. Y.		1882—Rhenish-Westphalian Lloyds, Gladbach, Germany; retired.	
1890—Prudential, N. Y.; reins. in American, N. Y.		1899—Rhode Island Underwriters; retired.	
1904—Prudential Fire and Marine Underwriters, Chicago; retired.		1882—Richmond Banking and Insurance Company, Richmond; reinsured in Royal.	
1909—Prudential Fire, Knoxville, Tenn.; receiver appointed.		1907—Richmond County Mutual, Richmond, N. Y.; reorganized as stock company.	
1906—Prudential, Taxewell, Va.; receiver appointed.		1878—Richmond Fire Association, Richmond; reinsured.	
1883—Pueblo, Pueblo, Col.; retired.		1905—Richmond Fire, Richmond, Va.; retired.	
1896—Puget Sound, Tacoma, Wash.; failed.		1896—Richmond Mutual Fire, Richmond, Va.; reinsured in Merchants & Mfrs. Fire, Baltimore.	
1900—Pulaaki Mutual, Chicago; failed.		1878—Rigewood, New York; reinsured in Connecticut Fire.	
1871—Putnam, Hartford; failed by Chicago fire.		1904—Riggs Fire, Washington, D. C.; reinsured in German-American, New York.	
..... Quaker City, Philadelphia.		1914—Rio Grande, San Antonio; reinsured in National Union, Pittsburgh.	
1900—Quaker City Mutual, Philadelphia; retired.		1896—Rittenhouse Mutual, Philadelphia; failed.	
1891—Queen, Liverpool; retired from the United States and reinsured in Queen, N. Y.		1894—Roanoke Underwriters Agency, Roanoke, Va.; disbanded.	
1901—Queens & Suffolk Mutual, Yaphank, N. Y.; reinsured in Hartford Fire; resumed business in 1908; ceased business in 1911.		..... Robert Morris, Philadelphia; retired.	
1898—Queen City Mutual, Buffalo; reinsured in Hartford.		1881—Rochester, Rochester, Pa.; failed.	
1870—Queen City, Cincinnati; retired.		1911—Rochester-German, Rochester, N. Y.; merged with German-American, N. Y.	
1896—Queen City Mutual Fire, Manchester, N. H.; reinsured in United Mutual, Providence.		1905—Rock River Fire Underwriters, Chicago; ceased business.	
1913—Queen of Arkansas, Little Rock; liquidated.		1899—Rockford, Rockford; reinsured in American Fire of Newark.	
1896—Queens Fire Lloyds, Brooklyn; retired.		1879—Roger Williams, Providence; reinsured in Home, New York.	
..... Quincy Mutual Fire, Quincy.		1910—Roger Williams Fire, Providence, R. I.; liquidated.	
1896—Railroad Mutual Fire, Boston.		1891—Rome, Ga.; reinsured in Commercial Union, London.	
1908—Reading Fire, Reading; reinsured in Hartford Fire.		..... Roxbury Mutual Fire, Roxbury.	
1863—Real Estate Mutual Fire, Philadelphia; failed.		1887—Royal, Birmingham, Ala.; failed.	
1871—Real Estate Mutual Fire, Boston.		1879—Royal Canadian, Montreal; retired from U.S.	
1911—Realty Mutual Fire, Philadelphia, Pa.; dissolved.		1896—Royal F. and M. Lloyds, New York.	
1896—Reapers City, Rockford; failed.		1896—Royal Mutual Fire, Philadelphia; assigned.	
1886—Reassurance, New York; reinsured in United Fire Reinsurance, Manchester.		..... Royal Town Mutual, Kansas City, Mo.	
1883—Reassurance Generales, Paris; retired from U. S.; reinsuring in Crescent, N. O.		1899—Rutgers Fire, New York; merged with Globe, New York.	
1907—Real Estate Owners Fire, New York; John J. Macklin, Receiver.		1896—Rutland, Rutland, Vt.; retired.	
1897—Rebuilders Mutual Fire, Minneapolis; reinsured.		1879—Safeguard, New York; reinsured in London and Lancashire.	
1912—Reciprocal Indemnifiers of America, St. Louis; retired.		1876—Safeguard, Philadelphia; failed.	
1914—Reciprocal Indemnity Exchange, Los Angeles; retired.		1896—Safety Fire Lloyds, Brooklyn; reinsured in Acme Lloyds.	
1899—Red River Valley Mutual Hall, Mapleton, N. D.; retired.		1892—Safety Mutual, Sioux City, Ia.; retired.	
1914—Reesville, Mutual Fire, Reesville, Wis.		1856—Sagamore Mutual Fire, Lynn.	
1896—Regent Fire Lloyds, New York.		1899—Saginaw Valley Fire and Marine, Saginaw, Mich.; reinsured in the Hartford.	
1908—Reliable Fire, Oklahoma City, Okla.; reinsured in St. Paul F. and M.		1879—St. Joseph, St. Joseph; reinsured in German American.	
1896—Reliable Mutual Fire, Philadelphia; failed.		1915—St. Joseph Fire, St. Joseph, Mo.; project abandoned.	
1910—Reliable Mutual, Philadelphia, Pa.; receiver appointed.		1899—St. Joseph Town Mutual, St. Joseph, Mo.; reinsured in Connecticut Fire.	
1909—Reliable Mutual, Syracuse, N.Y.; liquidated.		1900—St. Lawrence, Montreal; reinsured by Ottawa Fire.	
1894—Reliance, Wheeling; mail unclaimed.		1877—St. Louis, St. Louis; reinsured in Queen.	
1896—Reliance F. and M. Asso'n, N. Y.; retired.		..... St. Louis F. and M. St. Joseph; retired.	
1906—Reliance Fire Underwriters, Chicago; ceased.		1911—St. Louis Fire, St. Louis, Mo.; reinsured in St. Paul Fire and Marine, St. Paul, Minn.	
1890—Reliance Mutual, Dubuque; failed.			
1896—Reliance Mutual Fire, Chicago; failed.			
1882—Relief, New York; reins. in Niagara, N. Y.			
1871—Republic, Chicago; failed by Chicago fire.			
1882—Republic, New York; reinsured in North British and Mercantile.			
1912—Republic & Dominion Fire and Marine, Minneapolis, Minn.; receiver appointed.			

When Retired	NAME OF COMPANY.
1870	St. Louis Floating Dock and Ins. Co., St. Louis; reinsured in American Central.
1900	St. Louis (Mo.) Mutual; reinsured in Connecticut Fire.
1883	St. Marks, New York; failed.
1881	St. Nicholas, New York; reinsured in German-American.
1882	St. Paul German, St. Paul; assigned.
1896	St. Peters Fire Aid, Cleveland, O.; retired.
1901	St. Petersburg, St. Petersburg, Russia; retired.
1875	Salamander, New Orleans; reinsured in Teutonia of New Orleans.
1842	Salem Commercial, Salem.
1830	Salem Marine, Salem.
1910	Salisbury & Amesbury Mutual, Salisbury, Mass.; reinsured in Attleboro Mutual, Attleboro, Mass.
1882	Sandusky, Toledo; failed.
1871	Sangamo, Springfield; reinsured in Merchants of Chicago.
1831	Salem Marine, Salem, Mass.; reins. in Insurance Company of North America, Philadelphia.
1914	Saugus Mutual, Saugus, Mass.; reinsured in Lynn Mfrs. and Mechs., Lynn.
1881	Saunderin Mutual, Fairbury, Ill.; retired.
1830	Savannah F. and M., Savannah; reinsured in Hartford.
1904	Savoy, Alexandria; reins. in Hamilton, N. Y.
1902	Saxer, Dallas, Tex.; charter revoked.
1882	Scania, Sweden; reinsured U. S. business in Royal Exchange, London.
1871	Schenectady, Schenectady; failed.
1886	Schuylkill Fire, Philadelphia, Pa.; reinsured in Orient, Hartford.
1911	Schuylkill Mutual Fire, Philadelphia, Pa.; liquidated.
1903	Scottish Fire, Charlotte, N. C.; reinsured in Monongahela, Pittsburgh.
1880	Scottish Commercial, Glasgow; retired from the U. S.; reinsured in the Lancashire.
1904	Scottish National, Chicago; reins. in Ins. Co. of the State of Illinois, Rockford.
1912	Scranton Fire, Scranton, Pa.; reinsured in American Union, Philadelphia, Pa.
1880	Seaboard, Norfolk, Va.; retired.
1912	Seaboard, Norfolk, Va.; reinsured in German-American, N. Y.
1910	Seaboard Fire and Marine, Galveston, Tex.; reinsured in German-American, N. Y.
1905	Seaboard Underwriters, New York; retired.
1904	Sea and Lake, Chicago, Ill.; reinsured in Liverpool and London and Globe, Liverpool, and Federal, Jersey City.
.....	Sea Marine, New York.
1890	Seattle, Seattle, Wash.; failed.
1909	Seattle Fire and Marine, Seattle, Wash.; reinsured in Dubuque Fire and Marine.
1883	Second Essex Mutual Fire, Salem.
1887	Security, Mobile; retired.
1871	Security, New York; failed by Chicago fire.
.....	Security, Philadelphia; retired.
1839	Security, Spokane.
1904	Security Fire and Marine Underwriters of America, Chicago; ceased business.
1906	Security Fire, Baltimore, Md.; reinsured in New Jersey Fire, Camden, N. J.
1902	Security Fire, Dallas, Tex.; charter revoked.
1902	Security Fire, Austin, Tex.; charter revoked.
1906	Security Fire, Little Rock, Ark.; receiver appointed.
1896	Security Fire Lloyds, New York.
1902	Security Mutual, Ladonia, Tex.; charter revoked.
1904	Security Mutual, Little Rock; reinsured in Security Fire, Little Rock.
1883	Security Mutual, Minneapolis; retired.
1901	Security Mutual, Omaha; failed.
1886	Security Mutual, Philadelphia; failed.
1894	Security Mutual Fire, Providence; retired.
1902	Sedalia Town Mutual, Sedalia, Mo.; failed.
1886	Seneca County Mutual, Tiffin; failed.
.....	Seventh Ward, New York.
1880	Shawmut, Boston; reinsured in the Reassurance Generales Company of Paris.
1882	Shawmut Mutual Fire, Boston.
1910	Shawnee Fire, Topeka, Kan.; reinsured in National, Hartford.
1912	Shawnee Mutual, Oklahoma City, Okla.; receiver appointed.
1891	Shelburne Mutual, Shelburne, Mass.; retired.

When Retired	NAME OF COMPANY.
1894	Shenandoah Valley, Winchester, W. Va.
1884	Shoe and Leather, Boston; reinsured in Niagara, N. Y.; Phenix, Brooklyn and Insurance Company of North America.
1872	Shoe and Leather Dealers F. and M., Boston; failed by Boston fire.
1881	Shreveport, La.; retired.
.....	Sioux Falls, Sioux Falls, S. D.; failed.
1912	Sioux Fire, Sioux City, Ia.; reinsured in Hartford Fire, Hartford.
.....	Social, Salem.
1894	Solidarite, Brussels; retired.
.....	Somerville Mutual, Somerville, N. J.; retired.
1894	South Carolina Home, Columbia; reinsured in Fire Association, Philadelphia.
1908	South Carolina Mutual, Greenville, S. C.; receiver appointed.
1896	South and North American Lloyds, N. Y.
1874	Southbridge Mutual Fire, Southbridge.
.....	Southeast Mo. Town Mutual, Fredericktown, Mo.
1870	Southern, Bloomfield; failed.
1874	Southern, Savannah; reinsured.
1890	Southern Fire, Atlanta, Ga.; failed.
1902	Southern Fire, Dallas, Tex.; charter revoked.
1906	Southern Fire, Little Rock, Ark.; reinsured in Travelers Fire, Pine Bluff.
1903	Southern, New Orleans, La.; receiver appointed.
1909	Southern Fire, Lynchburg, Va.; reinsured in German-American, New York.
1909	Southern Home, Bartow, Fla.; reinsured in Southern Fire, Lynchburg, Va.
1903	Southern Fire, Waco, Tex.; charter revoked.
1903	Southern Fire, Stamford, Tex.; charter revoked.
1891	Southern California, Los Angeles; reinsured in London and Lancashire.
1896	Southern Lumber Mutual Fire, Birmingham, Ala.; reinsured in Liverpool and London and Globe.
1897	Southern Minnesota Mutual Fire, Rochester; reinsured in Consolidated F. and M., Albert Lea, Minn.
1903	Southern Mutual, Birmingham, Ala.; absorbed by Atlanta-Birmingham.
1904	Southern Mutual, Little Rock, Ark.; reins. in Home Mutual, Little Rock.
1913	Southern National, San Antonio, Tex.; reinsured in German, Peoria.
1912	Southern States, Birmingham, Ala.; reinsured in Great Southern, Anchorage, Ky.
1877	Southern Underwriters Association, Raleigh; failed.
1906	Southern Underwriters, Meridian, Miss.; dissolved.
1855	South Mutual Fire, Boston.
1874	South Side, Pittsburgh; failed.
1878	South St. Louis Mutual, St. Louis.
1907	Southern Millers Mutual, St. Louis, Mo.; reinsured in Millers Mutual, Harrisburg, Pa.
1906	Southern Iowa Mutual, Leon, Iowa; reinsured in German Mutual, Des Moines, Iowa.
1908	Southwestern Fire, Little Rock, Ark.; reinsured in Queen of Arkansas.
1887	Spinners Mutual Fire, Boston.
1903	Southwestern Mutual Fire, Fort Worth, Tex.; charter revoked.
1911	Southwestern Mutual, Lawton, Okla.; ceased business.
1900	Southwestern Town Mutual, Kansas City, Mo.; reinsured in Teutonia, New Orleans.
1913	Sovereign Fire, Toronto; United States risks reinsured in Globe and Rutgers, New York.
1897	Springfield Mutual Fire, Philadelphia; reinsured in Globe Fire, New York.
.....	Springfield M. & F., Springfield, Ill.; retired.
1909	Springfield Underwriters Mutual, Springfield, O.; ceased business.
1911	Spring Garden, Philadelphia, Pa.; merged with Insurance Co. State of Pennsylvania, Philadelphia, Pa.
1897	Sprinkler Mutual Fire, Philadelphia; reinsured in Globe Fire, New York.
1898	Stanberry Town Mutual, Stanberry, Mo.; retired.

When Retired.	NAME OF COMPANY.
1896	Standard, Cincinnati; reinsured in Commercial, Cincinnati.
1891	Standard, Kansas City; reinsured in Phenix, Brooklyn.
1893	Standard, New York; reinsured in Liverpool and London and Globe.
1902	Standard, Wheeling; reinsured in German-American, New York.
1900	Standard Fire, Fordyce, Ark.; merged with Home of Fordyce.
1910	Standard Fire, Keokuk, Iowa; reinsured in Central National, Chicago.
1893	Standard Fire Office, London; retired from U. S.; reinsuring in Phenix, Brooklyn.
1896	Standard Lloyds, New York; retired.
1896	Standard Mutual Fire, Boston, retired.
1907	Standard Mutual Fire, Houston, Tex.; receiver appointed.
1900	Standard Mutual, Providence, R. I.; receiver appointed.
1908	Standard Underwriters, Chicago; failed.
1912	Standing Stone Mutual Fire, Huntingdon, Pa.
1896	Star, New York; reinsuring at Westchester, New York.
1907	Star Fire, Louisville, Ky., retired.
1896	Star Fire Lloyds, New York.
.....	Star Mutual, Boston.
1893	State, Anniston, Ala.
1871	State, Chicago; failed by Chicago fire.
1870	State, Cleveland, failed.
1913	State, Des Moines, Ia.; reinsured in Phoenix, Hartford.
1896	State Fire Association, Toledo; retired.
1873	State, Hannibal; failed.
1876	State, Jersey City; reinsured in Westchester.
1876	State, Lansing; reins. in Home, N. Y.
1877	State, Laporte; failed.
1896	State, Nashville; reinsured in Philadelphia Underwriters.
1914	State, Omaha, Neb.; reinsured in the National, Hartford.
1903	State Capitol, Texarkana, Tex.; charter revoked.
1903	State Fire, Waco, Tex.; charter revoked.
1906	State Farmers Mutual, Des Moines, Iowa; reinsured in Iowa German Mutual, Des Moines, Iowa.
1896	State Investment and Insurance, San Francisco; failed.
1910	State Merchants Assn Mutual Fire, Leavenworth, Kas.; receiver appointed.
1896	State Mutual, Boston.
.....	State Mutual Fire, Boston.
1900	State Mutual, Hartford; reinsured in Orient.
1904	State Mutual Fire, Philadelphia; retired.
1906	State Mutual Fire, St. Paul; receiver appointed.
1900	State Mutual Fire, Laurens, S. C.; license revoked.
1900	State Mutual Home, Fairfield, Neb.; retired.
1891	State Mutual, Hyde Park, Ill.; retired.
1861	State, New Haven; failed.
1874	State, Parkersburg; failed.
1899	State, Philadelphia; retired.
1876	State, Rutland; reinsured in Aetna.
1896	State, Salem, Ore.; failed.
1904	State, Wilmington, Del.; receiver appointed.
.....	State Town Mutual, Cape Girardeau, Mo.
.....	State Town Mutual, Nevada, Mo.
1896	State Union Assurance Fire Lloyds, New York; failed.
1893	Steadman Mutual, Toledo; failed.
1904	Sterling Fire Underwriters, Chicago; retired.
1892	Steelton Mutual, Steelton, Pa.; failed.
1887	Sterling, New York; reinsured in Exchange.
1872	Suffolk, Boston; failed by Boston fire.
1866	Suffolk, Boston.
1877	Suffolk Mutual Fire, Boston.
1896	Suffolk Mutual Fire, Boston; failed.
1899	Sugar Planters Mutual, New Orleans; reinsured in Sun, and Home of New Orleans.
1876	Sun, Cleveland; reinsured in Continental.
1912	Sun, New Orleans, La.; reinsured in Royal, Liverpool.
1884	Sun, Philadelphia; reinsured in Spring Garden and United Fire Reinsurance.
1896	Sun, San Francisco; reinsured in Firemans Fund and Home Mutual of San Francisco.
1904	Sun Mutual Fire, Houston, Tex.
1896	Sun Mutual Marine, New York; retired.
1876	Sunbury, Sunbury; failed.

When Retired.	NAME OF COMPANY.
1890	Susquehanna Mutual Fire, Harrisburg, Pa.; failed.
1904	Suwanee, Lake City, Fla.; ceased writing.
1883	Swiss Lloyd Tran., Zurich; retired.
1893	Syndicate Fire, Minneapolis, Minn.
1897	Syracuse Mutual Fire Underwriters, Syracuse; retired.
1907	T. & C. Insurance Company, Dallas, Tex.; reinsured in Royal Exchange.
1882	Tabor, Denver; retired.
1862	Tanners Mutual, Boston.
1912	Tanners Mutual Fire, Philadelphia, Pa.; merged with Hide & Leather Mutual, Philadelphia, Pa.
.....	Taunton Mutual Fire, Taunton.
1906	Tennant's Fire Underwriters, Chicago; retired.
1876	Tennessee, Nashville; reins. in Connecticut.
.....	Tennessee Fire Marine, Tennessee; retired.
1871	Teutonia, Cleveland; failed.
1913	Teutonia, New Orleans; reinsured in Hartford Fire, Hartford.
1901	Teutonia, Philadelphia; reins. in Nat'l, Conn.
1878	Texas Banking and Insurance Company, Galveston; retired from insurance field.
1903	Texas Co-operative Fire Association, Bonham, Tex.; charter revoked.
1901	Texas Farmers State Mutual; failed.
1903	Texas Farmers State Mutual, Fort Worth, Tex.; charter revoked.
1903	Texas Fire, Waco, Tex.; charter revoked.
1903	Texas Fire and Tornado, Houston, Tex.; charter revoked.
1903	Texas Home Protective Fire, San Antonio, Tex.; charter revoked.
1902	Texas Home Mutual Fire, Dallas; failed.
1903	Texas Home Mutual Fire, Austin, Tex.; charter revoked.
1913	Texas National Fire, Fort Worth; reinsured in Texas National Mutual, Fort Worth.
1903	Texas Storm and Cyclone, Dallas, Tex.; charter revoked.
1914	Textile Manufacturers Mutual, Providence; reinsured in Narragansett Mutual Fire, Providence.
1890	Textile Mutual Fire, Philadelphia, Pa.; failed.
.....	Thames, Norwich.
1904	Theatre Owners Inter Insurance Exchange, Chicago; retired.
1908	Theatres Mutual Fire, Philadelphia; retired.
1900	Thompson Mutual Fire and Life, Painesville, Ohio; failed.
1901	Thuringia-American, New York; reinsured in Thuringia, Erfurt.
1904	Thuringia, Erfurt; reinsured in Firemans Fd.
1906	Tidewater Fire, Cambridge, Md.; retired.
1903	Tidewater, Norfolk, Va.; reinsured in National, Hartford.
1903	Tillers Mutual Fire Association, Groesbeek, Tex.; charter revoked.
1871	Tobacco, Cincinnati; reinsured.
1896	Toledo Fire and Marine, Toledo; reinsured.
1889	Topeka Mutual, Topeka, Kan.; wound up.
.....	Town Mutual, Excelsior Springs, Mo.
.....	Town Mutual of 3d Cong. Dist., Stanberry, Mo.
.....	Town Mutual of 7th Cong. Dist., Lamar, Mo.
.....	Town Mutual of Kansas City, Mo.
1886	Trade, Camden; reinsured in German-American, New York.
1894	Traders, Charleston, W. Va.
1906	Traders, Chicago; receiver appointed.
1900	Traders, New York; failed.
1906	Traders F. and M. Lloyds, Chicago; retired.
1861	Traders Mutual Fire, Boston.
1861	Traders Mutual, Boston.
1903	Traders Mutual, Philadelphia, Pa.; receiver appointed.
1876	Tradesmens, New Orleans, failed.
1882	Tradesmens, New York; reinsured in Standard Fire Office.
1897	Tradesmens Mutual, Philadelphia; failed.
1906	Transatlantic Fire, Hamburg; reinsured in Albingia, Hamburg.
1887	Transcontinental, Mandan, Dak.; ceased.
1906	Trans-Mississippi Mutual, Omaha; merged with National Mutual, Omaha.
1903	Travelers Fire, Pine Bluff, Ark.; reinsured in Home Fire of Fordyce, Ark.

When Retired.	NAME OF COMPANY.
1884	Tri-mountain Mutual Fire, Boston.
1886	Tremont Mutual Fire, Boston; reinsured in Globe Fire, New York.
1887	Triton Mutual Marine, Boston.
1872	Tremont, Boston; failed by Boston fire.
1887	Tremont, Boston.
1887	Tremont Mutual, Boston.
1887	Tri County Mutual, Detroit, Mich.; retired.
.....	Triton, New York.
1873	Triumph, Cincinnati; reinsured in Amazon.
1888	Trumbull, Warren and Cleveland, Ohio; failed.
1841	Truro Fire and Marine, Truro.
1873	Underwriters, Altoona; failed.
1888	Underwriters, Wheeling; reinsured in Phoenix, London, and Citizens, Toledo.
1903	Undra, at N. Y. Fire Lloyds, N. Y.; retired.
1903	Underwriters Fire Association, Dallas, Tex.; charter revoked.
1897	Underwriters Mutual, Atlanta, Ga.; retired.
1894	Underwriters Mutual, Sioux City; failed.
1874	Union, Baltimore; reins. in Home, N. Y.
.....	Union, Boston.
1883	Union, Cincinnati; reins. in Westchester, N. Y.
1897	Union, Indianapolis; failed.
1874	Union, Jersey City; failed. Union, London, amalgamated with Commercial Union, London.
1881	Union, Louisville; reinsured in German-American, New York.
1911	Union, Philadelphia, Pa.; merged with Insurance Co. State of Pa., Philadelphia, Pa.
1888	Union, San Francisco; reinsured in Alliance, London.
.....	Union, New Orleans; retired.
1872	Union, St. Louis; reins. in Merchants, N. J.
1884	Union, Provincetown.
1884	Union des Propriétaires Belges, Brussels; retired.
1913	Union Fire, Atlanta; license revoked.
1873	Union Fire, Galveston, Tex.
1841	Union Fire and Marine, Lynn.
1882	Union Fire and Marine, New Zealand; reinsured in Alliance, London.
1815	Union Marine and Fire, Newburyport.
1873	Union Marine, New York city.
1848	Union Marine, Salem.
1873	Union Mutual, Boston.
1888	Union Mutual, Jersey City; retired.
1877	Union Mutual Marine, New Bedford.
1887	Union Mutual Marine, Newburyport.
1911	Union Mutual Fire, Lincoln, Neb.; reinsured in Woodmen Fire, Lincoln, Neb.
1886	Union, Lloyds, New York; failed.
1888	Union Mutual, Cincinnati; failed.
1900	Union Mutual, Syracuse, N. Y.; liquidated.
.....	Union Mutual Fire and Marine, St. Louis; failed.
1878	Union Mutual Marine, New York; retired.
1888	Union Town Mutual, Kansas City, Mo.; failed.
.....	Union Town Mutual, Springfield, Mo.
1903	Union Undra, at N. Y. & Isthmus Lloyds, New York; retired.
1913	United American, Frankfort, Ky.; merged with Henry Clay, Lexington, Ky.
1913	United American, Milwaukee, Wis.; merged with Twin City Fire, Minneapolis.
1886	United Cities Lloyds, New York; reinsured in Manufacturers Lloyds.
1904	United Fire, Raleigh, N. C.; failed.
1886	United Fire, Alexandria, Va.; failed.
1901	United Fire, Baltimore; reins. in National, Hartford.
1882	United Fire, Manchester, Eng.; reinsured U. S. business in Palatine, Manchester.
.....	United Fire, Marine and Life, New York.
1904	United Fire Underwriters, Chicago; ceased business.
1883	United Manufacturers Mutual, Cleveland; reinsured in N. E. Factory Mutuals.
1882	United Mutual, Providence, R. I.; failed.
1882	United States, Boston.
1877	United States, St. Louis; reinsured in Scottish Commercial.
1878	United States, Baltimore; failed.
1900	United States Fire, Nashville, Tenn.; receiver appointed.
1904	United States Inter Insurance Exchange, Chicago; retired.

When Retired.	NAME OF COMPANY.
1913	United States Merchants Mutual, Philadelphia; receiver appointed.
1904	United States Mutual, Philadelphia; retired.
1888	United Underwriters, Atlanta; consolidated with Atlanta Home.
1908	United States Underwriters, Chicago, Ill.; ceased business.
1898	United Underwriters, New York; reinsured in Royal Fire and Marine Lloyds.
1861	Unity, London; retired.
1904	Unity Fire Underwriters, Chicago; reinsured in Manufacturers and Mercantile, Chicago.
1891	Universal Marine, London; retired.
1914	Valley City Mutual Fire, Valley City, N. D.; reinsured.
1889	Vanderbilt, Memphis, Tenn.; reinsured in St. Paul Fire and Marine.
1901	Vernon Insurance and Trust, Indianapolis; failed.
1906	Victoria Fire, New York; dissolved.
1894	Virginia Farmers, Norfolk; retired.
1884	Virginia Home, Richmond; reinsured in Phoenix, London.
1913	Virginia State, Richmond; reinsured in German-American, New York.
.....	Vulcan Town Mutual, Richmond, Mo.
1903	Wabash, Hammond, Ind.; reinsured part of risks in Michigan Commercial; remainder canceled.
1886	Wachusett Mutual Fire, Fitchburg, Mass.; retired.
1880	Waldorf Lloyds, New York.
1880	Wall Street, New York; failed.
1808	Walla Walla Fire, Walla Walla, Wash.; receiver appointed.
.....	Ware Mutual Fire, Ware.
1861	Warren, Boston.
1870	Washington, Baltimore; reins. in Queen.
1873	Washington, Boston; failed by Boston fire.
1901	Washington, Cincinnati; reins. in American Fire, New York.
1896	Washington, Hammond, Ind.; failed.
1876	Washington, Memphis; reinsured in Merchants of Memphis.
1871	Washington, N. Y.; failed by Chicago fire.
.....	Washington, Philadelphia; retired.
1873	Washington, Plainfield, N. J.; reinsured in German-American.
1883	Washington, Tiffin and Marietta, O.; failed.
.....	Washington, Washington; retired.
1906	Washington, Washington, D. C.; reinsured in Fire Association of New York, Utica.
1900	Washington Assurance, New York; merged with Colonial, New York.
1896	Washington Farmers, Spokane; failed.
1872	Washington Fire, New York; failed by Boston fire.
1911	Washington Fire, Seattle, Wash.; reinsured in Firemans Fund.
1883	Washington Fire and Marine, Boston; reinsured in Niagara of N. Y., National of Hartford and Union and California of Cal.
1883	Washington Fire and Marine, Mobile; reinsured in American of Philadelphia and German, of Freeport.
.....	Washington Fire Relief Union, Washington (State).
1896	Washington Lloyds, New York; reinsured in Norwood Insurance Company, New York.
1867	Washington Marine, New York.
1860	Washington Mutual, Granville, N. Y.
1883	Washington Union, Cleveland; failed.
1900	Waterloo Mutual, Waterloo, Wis.; declared insolvent.
1882	Watertown, Watertown, S. D.; retired.
1863	Waterville Mutual, Waterville, N. Y.
1886	Wayne Mutual, Newark, N. Y.
1883	Watertown, Watertown, N. Y.; reinsured in Sun Fire Office.
1896	Wayne County Mutual, Wooster, O.; suspended.
1880	Webster Mutual, Webster, Me.; retired.
1884	Wellfleet Marine, Wellfleet, Mass.; retired.
1888	West Baltimore, Baltimore; reinsured in West Chester, New York.
1891	West Coast, Tacoma; failed.
1900	Western Aurora; Chicago Title & Trust Company, receivers.
1871	Western Buffalo; failed by Chicago fire.
.....	Western, Chicago; reinsured in Fire Association, Philadelphia.

When Retired.	NAME OF COMPANY.	When Retired.	NAME OF COMPANY.
1891—	Western, Cincinnati; reinsured in Citizens, Cincinnati; reorganized and failed in 1893.	1906—	Western Union Fire Underwriters, Chicago; ceased business.
1908—	Western, Louisville; reins. in Hartford Fire.	1879—	Westfield Mutual, Westfield.
1886—	Western, Philadelphia; retired.	1887—	Westfield Mutual, Westfield, Mass.; retired.
1886—	Western, San Francisco; reinsured in State Investment and Insurance Company.	1897—	Westford Mutual Fire, Westford, Mass.; re-insured in Middlesex Mutual.
1913—	Western and Atlantic, Nashville; reinsured in Globe and Rutgers, New York.	1894—	Westmoreland, Colonial Beach, Va.; failed.
1906—	Western Consolidated Underwriters, Chicago, Ill.; ceased business.	.....	Westphalia Town Mutual, Westphalia, Mo.
1912—	Western Empire, Spokane, Wash.; reinsured in Los Angeles Fire.	1874—	West Virginia, Wheeling; failed.
1886—	Western Farmers Mutual, Batavia, N. Y.	1879—	Weymouth and Braintree Mutual, Weymouth; retired.
1888—	Western Fire and Marine, Sioux Falls, Dak.; consolidated with Insurance Company of Dakota, Sioux Falls.	1868—	Whaling, New Bedford.
1908—	Western Fire Association, Sherman, Tex.; charter revoked.	1878—	Whately Mutual Fire, Whately.
1902—	Western Fire, Marine and Plate Glass, Chicago; failed.	1906—	Whiting Mutual, Boston; policies retired.
1911—	Western Fire, Lincoln, Neb.; reinsured in St. Paul Fire and Marine, St. Paul.	1911—	William Penn Fire, reinsured in Scranton Fire, Scranton, Pa.
1906—	Western Fire, Washington (State).	1896—	Williamsport Mutual Fire, Williamsport, Pa.; retired.
1904—	Western Hail, Des Moines; ceased business.	1873—	Williamsport, Williamsport; reinsured.
1891—	Western Home, Sioux City; failed.	1915—	Wilmington Fire, Wilmington, Del., absorbed by Industrial Fire, Akron.
1902—	Western Home Town Mutual, Kansas City, Mo.; failed.	1888—	Wilmington Mutual, Wilmington, N. C.; failed.
1912—	Western Inter-Insurers, St. Joseph, Mo.; merged with Manufacturers and Merchants Requisite Exchange, St. Louis.	1908—	Wilmington Underwriters, Wilmington, N. C.; reinsured in German-American, New York, and London and Lancashire.
1911—	Western Lumber Underwriters, Kansas City, Mo.; reinsured in Southwestern Underwriters.	1906—	Windham County Mutual, Brooklyn, Conn.; ceased business.
1891—	Western Manufacturers Mutual, Chicago; reinsured in Fire Association, New York; resumed and failed in 1895.	1871—	Winneshiek, Freeport; failed.
.....	Western Massachusetts, Pittsfield.	1911—	Winona Fire, Minneapolis; name changed to Minneapolis Fire.
1897—	Western Massachusetts Fire, Springfield; closing up business.	.....	Winthrop Mutual Fire, Boston.
1890—	Western Millers Mutual, Minneapolis; reinsured in Michigan Millers Mutual, Lansing.	1896—	Winthrop Mutual Boston; reinsured in Scottish Union and National.
1897—	Western Mutual Fire, Albert Lea, Minn.; reins. in Consolidated F. and M., Albert Lea.	1900—	Wisconsin; reinsured in Concordia, Wis.
1890—	Western Mutual Fire, Denver, Col.; reinsured in Agricultural.	1891—	Wisconsin Mutual, Milwaukee; failed.
1900—	Western Mutual Fire, Fessenden, N. D.	1896—	Wissahickon Mut. Fire, Philadelphia; failed.
1906—	Western Mutual Fire Ins. Assn., Waterloo, Ia.; reinsured in Grain Shippers Mutual Fire Ins. Assn., Ida Grove, Ia.	1897—	Wolverine Mutual, Saginaw, Mich.; retired.
1911—	Western National, Oklahoma City, Okla.; receiver appointed.	1912—	Woodmen Fire Lincoln, Neb.; reinsured in Fidelity-Phenix, N. Y.
1912—	Western Reserve, Cleveland, Ohio; reinsured in Queen, New York.	1891—	Woodworkers Mutual, Winona; reinsured in Armstrong, New York.
1876—	Western Texas, San Antonio; retired.	1899—	Wooster Fire, Danbury, Ct.; failed.
1909—	Western Underwriters of the State of New York; reinsured.	1875—	Workingmans, New Orleans; failed.
1896—	Western Union Fire Lloyds, New York; reinsured in Guardian Insurance Lloyds.	1896—	World Co-operative of Kings and New York Counties, New York; failed.
		1862—	Worlds Safe, New York; failed.
		1876—	Wyoming, Wilkesbarre; reinsured in Commercial Union.
		1866—	Wyoming Mutual, Warsaw, N. Y.
		1893—	Wytheville Insurance and Banking, Wytheville, Va.; failed.
		.....	Yankton, Yankton, Dak.
		1864—	Yankton, S. D.; ceased business.
		1871—	Yonkers and New York, New York; failed by Chicago fire.
		1906—	York County Mutual, York, Pa.; reorganized as a stock company.
		1908—	York County Fire, York, Pa.; retired.

COMPANIES IN THE HANDS OF RECEIVERS.

The following is a list of fire and fire-marine insurance companies in the United States in process of winding up, with names of receivers or other person in charge:

ALABAMA.

Atlanta-Birmingham, Birmingham.

DELAWARE.

National Mutual, Dover; Chas. Boyer, Receiver.

GEORGIA.

Ginners Mutual, Athens; W. J. Peoples, Receiver.

ILLINOIS.

Assured's National Mutual, Decatur, Ill.; J. C. Lyons, Receiver.

Illinois National, Springfield; Joseph T. Bunn, Receiver.

INDIANA.

Indiana State, Indianapolis; C. B. Wellover, Receiver.

Carriage Builders Mutual, Indianapolis; C. B. Wellover, Receiver.

Manufacturers Mutual Fire, Indianapolis; Jaa. C. Mathews, Receiver.

Ohio, New Albany; Frank G. West, Receiver.

KANSAS.

Kansas Fire, Topeka; Charles McGaw, Receiver.

Merchants Mutual, Topeka.

Midland Fire, Kansas City; E. J. Robinett, Receiver.

National Mutual, Pittsburg; F. C. Werner, Receiver.

State Merchants Mutual Fire, Leavenworth; C. C. Rutherford, Receiver.

KENTUCKY.

American Fire, Lexington, Ky.
 Blue Grass, Lexington; A. M. Baker, Receiver.
 Central Fire, Lexington; C. C. Calhoun, Receiver.
 Citizens of Northern Kentucky, Carrollton; J. J. Orr, Special Commissioner, appointed by Carroll Circuit Court.
 Columbian, Louisville; Jas. S. Ray, Receiver.
 Enterprise, Lexington; J. L. Watkins, Receiver.
 Manufacturers Mutual, Louisville; Louisville Trust Company, Receiver.
 Mutual Fire of Kentucky, Louisville; Louisville Trust Company, Receiver.
 Peoples Fire, Louisville, Ky.; Walter Jeffers, Frankfort, Ky., Receiver.

LOUISIANA.

Independent, New Orleans; T. V. Regan, Receiver.
 Peoples Fire, New Orleans; Liquidation.
 Southern, New Orleans; Whitney Central Trust Co., Receivers.

MAINE.

Equitable Mutual, Richmond; Chas. D. Newell.
 Hancock Mutual, Bar Harbor; W. B. Blaisdell, Receiver.
 Homestead Mutual Fire, Portland; Clarence E. Carll, Gorham, Receiver.

MASSACHUSETTS.

China Mutual, Boston; Arthur D. Hill, Receiver.

MICHIGAN.

Citizens Mutual, Petoskey; J. L. Barber, Receiver.

MISSOURI.

International Fire, St. Louis; G. L. Crawford, Receiver.
 Mercantile Town Mutual, St. Louis; Fordyce, Holliday & White, Liquidating Agents.
 Old Town Mutual, Kansas City; Chas. G. Revelle, Receiver.

NEW JERSEY.

American Fire, Jersey City; Leon Abbett, Jr., Receiver.
 Peoples Mutual Fire, Newark; Samuel Roessler, Receiver.

NEW YORK.

Co-operative Fire Insurance Company of Orange Co.; Ins. Dept., Liquidation.
 Fire Securities Co. Ins. Dept., Liquidation.
 Garfield Assurance Fire Lloyds, New York; Ins. Dept., Liquidation.
 Home Safeguard Co., Ins. Dept., Liquidation.
 New York & New England Underwriters, New York; Ins. Dept., Liquidation.
 New York Insurance Association (Lloyds); Ins. Dept., Liquidation.

OHIO.

Buckeye Fire Insurance Association, Cincinnati; John W. Devanney, Liquidator.
 Central Fire Association, Cincinnati; John W. Devanney, Liquidator.
 Home Fire Insurance Association, Cincinnati; A. Spagenburg and T. X. King, Receivers.
 Ohio German, Toledo; J. B. Torgler and Edward J. Marshall, Trustees.

OKLAHOMA.

El Reno, El Reno; D. F. McCammon, Receiver.
 Merchants & Planters, Tulsa; A. B. Harn, Receiver.
 Shawnee Mutual, Oklahoma City; G. O. Fenimore, Receiver.
 Western National, Oklahoma City; Alfred Hare, Receiver.

PENNSYLVANIA.

American Union Fire, Philadelphia; T. B. Donaldson, Receiver.
 Consolidated Mutual Fire, Philadelphia; T. B. Donaldson, Receiver.
 Eureka Manufacturers Mutual Fire, Indiana; T. B. Donaldson, Receiver.
 Exchange Mutual Fire, Philadelphia; T. B. Donaldson, Receiver.
 Flood City Mutual Fire, Johnstown; T. B. Donaldson, Receiver.
 Guardian Fire, Pittsburg; Geo. S. Calvert, Receiver.
 Lahaska, Doylestown; T. B. Donaldson, Receiver.
 Liberty Mutual, Philadelphia; J. A. Tanner, Receiver.
 Lincoln Mutual, Philadelphia; J. A. Tanner, Receiver.
 Manufacturers and Merchants Mutual Fire, Philadelphia; T. B. Donaldson, Receiver.
 Provident Mutual Fire, Philadelphia; T. B. Donaldson, Receiver.
 Prudential Mutual Fire, Wilkesbarre, Pa.; T. B. Donaldson, Receiver.
 Scranton Fire, Scranton; T. B. Donaldson, Receiver.
 United States Merchants Mutual Fire, Philadelphia; T. B. Donaldson, Receiver.
 William Penn Fire, Pottsville; T. B. Donaldson, Receiver.

RHODE ISLAND.

Atlas Mutual, Providence; E. B. Evans, Receiver.
 Industrial Mutual Insurance, Providence; E. B. Evans, Receiver.
 Pacific Mutual Fire, Providence; H. A. Fletcher, Receiver.

SOUTH CAROLINA.

Carolina Mutual Fire, Spartanburg, S. C.; S. N. Wetmore, Receiver.
 Palmetto Mutual, Spartansburg.
 Piedmont Mutual, Spartansburg.
 South Carolina Mutual Fire, Greenville; R. F. Watson, Receiver.
 State Mutual Fire, Laurens; A. R. Blakely, Receiver.

TENNESSEE.

American Mutual, Nashville; Robert Vaughn, Receiver.
 German Fire, Memphis.
 Mfrs., Merchants and Mechanics Fire, Memphis; Grover N. McCormick, Receiver.
 Merchants and Planters, Memphis.
 Prudential Fire (Mutual), Knoxville; J. D. Caldwell, Receiver.
 United States Fire (Mutual), Nashville; J. L. Johns, Receiver.

WASHINGTON.

Pioneer Fire, Seattle; Joseph Johns, Receiver.

STOCK COMPANIES TRANSACTING TORNADO BUSINESS

- Aachen & Munich, Aix-la-Chapelle, Germany.
 Aetna, Hartford, Conn.
 Agricultural, Watertown, N. Y.
 Albany, Albany.
 Alliance, Philadelphia.
 American, Newark, N. J.
 American Central, St. Louis, Mo.
 Anglo-American, Chicago.
 Atlas, London.
 Balkan National, Sofia.
 Boston, Boston, Mass.
 Bulgaria, Rustchuk.
 Caledonian, Edinburgh, Scotland.
 California, San Francisco, Cal.
 Camden Fire, Camden, N. J.
 Citizens, St. Louis, Mo.
 Cleveland National, Cleveland, O.
 Cologne Reinsurance, Cologne, Germany.
 Columbian National, Detroit.
 Commercial Union, London, England.
 Commercial Union, New York.
 Commonwealth, Dallas, Tex.
 Commonwealth, New York.
 Concordia, Milwaukee, Wis.
 Connecticut Fire, Hartford, Conn.
 Continental, New York.
 County Fire, Philadelphia.
 Dubuque F. and M., Dubuque, Ia.
 Equitable F. & M., Providence, R. I.
 Farmers, Cedar Rapids, Ia.
 Fidelity-Phenix Fire, New York.
 Fire Association, Philadelphia.
 Fire Reassurance, Paris.
 Firemans Fund, San Francisco, Cal.
 Firemens, Newark, N. J.
 First Reinsurance, Hartford.
 First Russian, Petrograd.
 Franklin, Philadelphia.
 Frankona Reins., Frankfurt, Germany.
 German Alliance, New York.
 German-American, Baltimore.
 German-American, New York.
 German, Pittsburg, Pa.
 Germania Fire, New York.
 Girard F. & M., Philadelphia.
 Glens Falls, Glens Falls, N. Y.
 Globe and Rutgers, New York.
 Globe Fire, Huron, S. D.
 Hamburg-Bremen, Hamburg, Germany.
 Hamburg, Hamburg.
 Hamilton, New York.
 Hanover Fire, New York.
 Hartford Fire, Hartford, Conn.
 Henry Clay, Lexington.
 Home, New York.
 Imperial, New York.
 Insurance Company of North America, Philadelphia, Pa.
 Insurance Co. of State of Penn., Philadelphia, Pa.
 International, Vienna.
 Iowa Manufacturers, Waterloo, Iowa.
 Jakor, Moscow.
 Liverpool & London & Globe, Liverpool, England.
 Liverpool and London and Globe, New York.
 London Assurance, London, England.
 London & Lancashire Fire, Liverpool, England.
 Mechanics and Traders, New Orleans, La.
 Merchants, New York.
 Michigan Commercial, Lansing, Mich.
 Milwaukee Mechanics, Milwaukee.
 Minerva, Cologne, Germany.
 Minneapolis Fire and Marine, Minneapolis, Minn.
 Minnesota Fire, Chatfield.
 Moscow Fire, Moscow, Russia.
 Munich Reinsurance, Munich.
 National-Ben Franklin, Pittsburg.
 National, Hartford, Conn.
 National Union, Pittsburg, Pa.
 Netherlands F. and L., The Hague.
 Newark Fire, Newark, N. J.
 New Brunswick, New Brunswick, N. J.
 New Hampshire, Manchester, N. H.
 New Jersey Fire, Newark.
 New York Underwriters Agency, N. Y.
 Niagara Fire, New York.
 Nord-Deutsche, Hamburg, Germany.
 North British & Mercantile, London, England.
 North British & Mercantile, New York.
 Northern, London.
 North River, New York.
 Northwestern F. and M., Minneapolis, Minn.
 Northwestern National, Milwaukee, Wis.
 Norwich Union, Norwich, England.
 Old Colony, Boston.
 Orient, Hartford, Conn.
 Palatine, London.
 Paternelle, Paris.
 Pennsylvania Fire, Philadelphia, Pa.
 Peoples National, Philadelphia.
 Phenix, Hartford, Conn.
 Phenix, London.
 Providence Washington, Providence, R. I.
 Prussian National, Stettin, Germany.
 Queen, New York.
 Queen City, Sioux Falls, S. D.
 Reliance, Philadelphia.
 Rhode Island, Providence, R. I.
 Rossia, Petrograd.
 Royal, Liverpool.
 Royal Exchange, London.
 Russian Reinsurance, Petrograd.
 Salamandra, Petrograd, Russia.
 Scottish Union & National, Edinburgh.
 Second Russian, Petrograd.
 Security, Davenport, Ia.
 Security, New Haven, Conn.
 South German Reinsurance, Munich, Germany.
 Springfield Fire & Marine, Springfield, Mass.
 St. Paul Fire & Marine, St. Paul, Minn.
 Standard, Hartford.
 State, Liverpool.
 Sterling Fire, Indianapolis.
 Stuyvesant, New York.
 Sun, London, Eng.
 Swiss National, Basle.
 Swiss Reinsurance, Zurich.
 Twin City, Minneapolis.
 Union, London.
 Union & Phenix Espanol, Madrid.
 United States Fire, New York.
 Vulcan, New York.
 Westchester Fire, New York.
 Western, Pittsburg, Pa.
 Western, Toronto.
 Williamsburgh City, Brooklyn, N. Y.

STATISTICS OF FOREIGN COMPANIES

The Statistics given under this head have been condensed from The Post-Magazine Almanack for 1915, except in a few instances where credit is given.

DIRECTORY OF BRITISH AND COLONIAL FIRE AND MARINE INSURANCE COMPANIES OPERATING IN GREAT BRITAIN

Date of Organization.	NAME AND LOCATION OF COMPANY	Character of Business.	Name of Manager or Secretary.
1883	Abstainers & Gen'l, Birmingham, Eng.	L., A., Fire, Bur., P.G.	R. A. Craig, Act. and Sec.
1908	Agricultural & General Co-op., London	Fire.....	K. W. Hopkinson, Man. and Sec.
1824	Alliance, London.....	Life, Fire, Mar. & Misc.	Robert Lewis, Gen. Man.
1906	All India United, Bombay.....	Fire, Life.....	M. M. Shirazee & Sons, Secs.
....	Anglo-American, Toronto, Can.....	Fire.....	Armstrong Dean, Man.
1900	Anglo-Scottish General Com'l, London	Fire and Miscel.....	Antoine Wm. Roques, Man. Dir
1904	Army, Navy and General, London, W..	F., B. A. Horse F., & Mis	H. A. Lawton, Gen. Man.
1808	Atlas, London, E. C.....	F., L., Acc., Burglary.	S. J. Pipkin, Gen. Man.
1913	Austral, London, W. C.....	All but emp. liab. and bond inv.....	Alex S. Sellar, Sec.
....	Australian Alliance, Melbourne.....	Fire, M., L., Fid.....	A. E. Wall, Man. Dir.
1872	Australian Mutual, Sydney.....	Fire and Accident.....	G. Howard Pope, Man.
1894	Ayrshire Farmers Mutual, Ayrshire..	Fire.....	Geo. Miller, Sec. and Treas.
1905	Baptist, London, W. C.....	Fire, Burg., etc.....	Ernest Blake, Sec.
1876	Bolton Cotton Trade Mutual, Bolton.	Fire.....	P. and J. Kevan, Secs.
1933	British America, Toronto, Can.....	Fire.....	E. F. Garrow, Sec.
1909	British Citizens, London, E. C.....	Acc., Fire & Misc.....	A. E. Harwood, Sec.
1908	British Commercial Fire, London, W.C.	Fire, A., Glass, & Gen'l.	W. H. Gramshaw, Sec. & Man.
1907	British Crown, London.....	F., Acc., Emp., B., P.G. etc	D. W. MacLennan, Gen. Man.
1904	British Dominions Gen'l., London, E. C.	Fire, M., etc., except L..	J. Gardiner, Sec.
1854	British Equitable, London, E. C.....	L., F., Acc. & B. & Misc.	Basil May, Man. and Act.
1908	British & European, London.....	Reinsurance.....	Livesay & Hawthorn, Mgrs.
1908	British Fire, London.....	Fire, Burg., Acc., etc..	W. R. Dixon, Sec.
1863	British and Foreign Marine, Liverpool	Marine.....	John Davies, Undr.
1904	British General, London, E. C.....	F., Acc., B., P. G., etc.	N. M. Walker, Man. Dir.
1888	British Law, London, E. C.....	F., W.C., Emp. L. & Misc.	David M. Linley, Gen. Man.
1912	British Reins., Newcastle on Tyne.....	All except Marine.....	C. S. Watson, Sec.
1907	British Standard, London.....	Fire.....	J. H. Savage, Sec.
1906	Broadsea & E. Aberd'nshire, Fraserb'h	Fishing Boat.....	S. McDonald, Sec.
1805	Caledonian, Edinburgh.....	F., L., E. L., Acc., Ill. and Burg.....	R. Chapman, Gen. Man.
1887	Canadian Fire, Winnipeg, Man.....	Fire.....	R. T. Riley, Man. Dir.
1895	Canadian Ry. Acc., Montreal.....	Auto, Acc., etc.....	John Emo., Gen. Mgr. & Sec.
1908	Capital & Counties, London.....	Fire.....	O. Kingdon, Acting Sec.
1903	Car and General, London.....	Fire, Emp. L., etc.....	Fred'k Thoresby, Man. Dir.
1913	Catholic & General, London, E. C.....	Fire, Acc., Burg., etc..	H. S. Bell, Mgr. & Sec.
....	Central, London, E. C.....	Fire and General.....	Hugh Lewis, Man. and Sec.
1885	Century, Edinburgh.....	Life, Fire, E. L., etc..	Henry Brown, Man.
1908	City and County, Aberdeen.....	Fire, Acc., Burg.....	E. G. Mansell, Man. and Sec.
1908	City Equitable Fire, London, E. C..	Fire.....	Sydney Goude, Sec.
1909	City Fire Office, London.....	All except L. & E. L..	
1877	City Mutual, Sydney, Aust.....	Fire.....	Robert Kerr, Man.
1911	Civic, Liverpool.....	M., R., P.G., Burg., etc..	
1878	Colonial Mutual, Melbourne.....	F., M., Acc., etc.....	H. J. Symons, Agt.
1861	Commercial Union, London, E. C....	Fire, Life, Mar., Acc.	E. R. Owen, Gen. Man.

DIRECTORY OF FIRE AND MARINE INSURANCE COMPANIES IN GREAT BRITAIN—*Continued.*

Date of Organi- zation.	NAME AND LOCATION OF COMPANY.	Character of Business.	Name of Manager or Secretary.
1903	Commonwealth, Melbourne.....	F., Acc., Marine.....	J. S. Charteris Black, Man.
1907	Congregational, Bradford.....	F., B. and W. Comp.	S. R. Antliff, Man., Dir. & Sec.
1903	Consolidated, Ltd., London, E. C.....	L., Acc., F., Reins.....	Chas. Windett, Act. & Sec.
1867	Cooperative, Manchester.....	Fire, L. Acc., Burg., etc.	Jas. Odgers, Mgr.
1905	Cornhill, London.....	Fire and Consequential	Willis Faber & Co., Ltd., Mgrs.
1903	Cornish Mutual, Cornwall.....	Fire, Accident.....	G. G. Bullmore, Sec.
1907	Cotton Trade Fed. Mut. Fire, Bolton	Fire.....	P. and J. Kevan, Secs.
1807	County, London.....	Fire, Burglary, etc.....	J. A. Rooney, Sec.
1909	Cumberland Co-operative, Carlisle...	Fire.....	T. Thompson, Sec.
1782	Darlington Marine, Darlington.....	Marine.....	S. W. Tomkins, Sec.
1838	Derwent & Tamar F.&M., Hobart, Tas.	Fire, Marine.....	T. M. Evans, Man.
1908	Dominion, Edinburgh.....	F., Bur., Acc., P.G., F.	Geo. Palfrey, Man. Dir.
1909	Drapers Mut. F. & Gn., London, E. C.	Fire and Miscel.....	Sydney H. Moore, Gen. Man.
1900	Eagle Glass, Dundee.....	Fire, Acc., Burg., etc.	R. G. Forbes, Man. & Sec.
1887	Ecclesiastical, London, W. C.....	Fire, Bur., Glass, etc.	R. Love, Man. and Sec.
1901	Economic, London.....	Marine.....	N. Douglass, Sec.
1880	Employers Liability, London, E. C.....	E.L., A. Fid., F., B., A.	W. E. Gray, Gen. Man. & Sec.
1898	Employers Mutual, Edinburgh.....	Fire, Fid., Liab., etc.....	R. S. Ruthford, Mgr. & Sec.
....	Equity Fire, Toronto, Can.....	Fire.....	Wm. G. Brown, Gen. Man.
1802	Essex & Suffolk Equitable, Colchester	Fire and Acc.....	S. C. Turner, Gen. Man. & Sec.
1898	Essex Union, Tottenham.....	Fire.....	....
1894	Excess, London, E. C.....	Marine, Fire, etc.....	C. E. Heath & Co., Ltd., Mgrs.
1900	Farmers Fire and Accident, York.....	Fire, Acc., Emp., L., etc.	J. Hetherton, Man. Dir.
1904	Federated Employers Ins. Assn., Man.	Fire and Miscellaneous	B. B. Moss & Co., Secs.
1890	Fine Art and General, London.....	F., B., E. L., A., Tran.	A. P. Fedden, Man. Dir. & Sec.
1885	General Accident, Fire & Life, Perth.	Fire and Miscel.....	F. Norie-Miller, G. Man.
1910	Gresham Fire and Accident, London..	Fire, A., B., P. G. & Ind.	Thomas B. Miller, Fire Man.
1840	Guarantee Society, London, E. C.....	Fire, Fid., Burg.....	F. H. Sherwell, Mgr. and Sec.
1821	Guardian, London, E. C.....	F., L., Acc., Bur., etc.	T. G. C. Browne, Sec.
1871	Guernsey Mutual, Guernsey.....	Fire.....	Ira C. Ozanne, Sec.
1865	Hand-in-Hand Mut. Guar., Demerara..	Fire.....	J. Slater, Sec.
1903	Hearts of Oak, L. & G., London, E. C.	Life, Fire, Acc., etc.....	S. R. Whiting, Man. and Sec.
1908	Hibernian Fire & General, Dublin....	Fire and General.....	W. A. R. Cruise, Gn. M. & Sec.
1868	Horse, Carriage & Gen., London, E. C.	Fire and Miscel.....	R. R. Wilson, Sec.
1893	Hull Underwriters, Hull.....	Marine.....	Jackson, Beaumont & Co., M's
1824	Indemnity Mutual Mar., London, E. C.	Marine.....	A. H. Roberts, Under.
....	Insurance Office of Australia, Sydney...	All except Life.....	W. Haughton & Co., Agts., Lon
1909	Invincible and General, London.....	Fire and Accident....	E. C. Hamilton, Gen. Man. & Sec.
1902	Irish Catholic Ch. Property, Dublin..	Fire and Emp. Liab...	V. Irwin, Sec.
1869	Jersey Mutual Fire, Jersey.....	Fire.....	E. Briard, Sec.
1901	King, Limited, London, E. C.....	Fire, F. Reinsur., etc.	G. McKay Morant, Chairman.
1904	Lancashire & Cheshire, Glasgow.....	Fire and Mar. Reins...	R. McFadzean, Jr., Sec.
1907	Lancashire & General, London, E. C...	Fire Reins. Acc. and all except L. and W. C.	A. Marcotte, Man. Dir.
1892	Law Accident Ins. Soc., London, W. C.	Fire, Acc., Burg., etc.	F. W. Pascoe Rutter, Man. Dir.
1845	Law Fire, London, W. C.....	Fire & Miscellaneous	H. T. O. Leggett, Sec.
1906	Law Integrity, Liverpool.....	Fire, Life, Acc., etc.....	F. C. Norman, Man. Dir.
1806	Law Union and Rock, London, W. C...	L., F., Acc., E.L., A., etc.	R. Stirling, Gen. Man. and Sec.
1907	Legal Ins. Co., Ltd., London, W. C...	All except Life.....	J. M. Ewing, Man. and Sec.
1890	Licenses, London, E. C.....	All except Life.....	J. O'Donoghue, Man. Dir.
1836	Liverpool & London & Globe, L'pool.	Fire, Life & Ann., etc.	A. G. Dent, Sec. & Gen. Man.
1726	Lloyds, London, E. C.....	Marine, Fire, etc.....	Rear-Admiral Edw. F. Inglefield, R. N., Sec.
1890	Local Gov. Mut., Guar., London, E. C.	Transit, Fid., etc.....	C. H. Venning, Sec.
1910	London County Com'l Reins, London	Reins. only, Fire, Acc., etc	T. I. Cope, Sec.
1862	London and Lancashire, Liverpool...	Fire, Acc., and Miscel.	F. W. P. Rutter, Gen. Man.
1862	Lon. & Lancashire Life & Gen. London	L.A., F. Acc., E.L., C., etc	W. E. Mackay, Gen. Man.
1859	London & Midland, London, W.....	All but Life & Mar....	Walter C. Betts, Man. and Sec.
1860	London & Prov. M. & G., London, E. C.	Marine and General....	F. Silverlock, Sec.
1720	London Assur. Corp., London, E. C...	F., L., M., Acc., B. and M.	C. A. Denton, Sec.
1860	London Guarantee & Acc., Lon., E. C.	Guar., Acc., F., B., etc.	H. C. Thiselton, Gen. Mgr.
1906	Manchester & Lon. Undrs., Manchester	Miscellaneous.....	J. F. Arnold, Man.
1836	Marine, London.....	Marine.....	R. B. Lemon, Man.
1852	Marine and General, London, E. C.....	Mariner's Effects & Life.	S. Day, Act. and Sec.

**DIRECTORY OF FIRE AND MARINE INSURANCE COMPANIES IN GREAT
BRITAIN—Continued.**

Date of Organ- ization.	NAME AND LOCATION OF COMPANY.	Character of Business.	Name of Manager or Secretary.
1864	Maritime, Ltd., Liverpool.....	Marine.....	J. C. Nicholson, Sec.
1908	Medway, Chatham.....	Fire.....	Henry F. Coote, Man.
1907	Merc. & Gen'l Ins. Co., Ltd., Glasgow	Acc., Burg., Fire, etc.	R. H. E. McLintock, Sec.
1874	Mercantile Fire, Waterloo, Ont.....	Fire.....	Alf. Wright, Sec.
1878	Mercantile Mutual, Sydney, Aust.....	Fire, Acc.....	Kelso King, Man.
.....	Merchants Fire, Toronto, Can.....	Fire.....	J. H. C. Durham, Gen. Man.
1871	Merchants Marine, London, E. C.....	Marine.....	W. Irwin, Underwriter
1911	Metropolitan Reins., London, E. C.....	Re-ins. except life.....	A. W. Boughton, Man. & Sec.
1900	Midland Farmers, Stratford-on-Avon..	F., Crops & Live Stock.	J. R. Black, Man. and Dir.
1906	Midland Mutual Fire, Leicester.....	Fire.....	W. L. Yates, Sec.
1872	Morley Mutual, Morley.....	Fire.....	Albert Sykes, Sec. and Man.
1906	Motor Union, London, W. C.....	Motor Cars and other.	H. J. Whitcomb, Man.
1902	Mount Royal, Montreal.....	Fire, Plate Glass.....	J. E. Clement, Gen. Man.
1903	Municipal Mutual, Limited, London.	Fire.....	John J. Tait, Sec.
.....	Mutual Fire of Tasmania, Launceston	Fire.....	A. G. Scott, Sec.
1899	Mut. Prop. Inv. & Acc. Co., Lon., W.C.	End.Sick, Acc., F., P.G.	T. Peele, Sec.
1890	National Benefit L. & Prop., Lon.....	L., F., P., Inv., M. & C.	J. Francis, Man. Dir.
1896	Nat. British & Irish Millers, Lon...	Fire, Acc., Burg., etc.	H. J. Whitcomb, Man. Dir.
1897	National of Great Britain, Glasgow...	Fire, Acc., Burg., P.G.	James Glen, Man. and Sec.
1894	National Ins. and Guar., London....	Fire and General.....	W. Kent Lemon, Man.
1873	National of New Zealand, Dunedin...	F., M., Acc., etc.....	Nat. Mtge. & Agcy. Co., Agts.
1906	National Standard Life, London, W.C.	F., L., B., Ann., etc.....	C. H. E. Rea, Gen. Man.
1859	New Zealand Insurance Co., Auckland	Fire, Mar. and Acc.....	J. Buttle, Gen. Man.
1899	North British & Mercantile, London.	Fire, Life, Ann., etc.....	L. Sinclair, Foreign Fire Man.
1886	North British Fishing Boat, Peterhead	Fishing Boat.....	R. Gray, Man.
1863	North China Insurance Co.....	Marine.....	G. Lyall, London, Man.
1836	Northern, London, E. C.....	F., L., Acc., Burg., etc.	H. E. Wilson, Gen. Man.
1909	North & South, Liverpool.....	All except Life & C.....	Geo. Dean, Gen. Man.
1893	Northern Maritime, N'castle-on-Tyne	Marine.....	J. Ferguson, Under. & Sec.
1797	Norwich Union Fire, Norwich.....	Fire, Acc., Mar., etc.....	John Large, Gen. Man. and Sec.
1871	Ocean Accident & Guar., London.....	F., B., Acc., Fid., etc.	T. M. E. Armstrong, Man. & Sec.
1908	Oldham & Co.'s Farmers F., Oldham.	Fire and Live Stock...	T. Whitehead, Sec.
1862	Oldham, Oldham.....	Fire.....	L. Slater, Sec.
1912	Orient Underwriting Fund, London...	Marine.....	W. M. Barrett, Sec.
.....	Ottawa, Toronto, Can.....	Fire, Marine.....	W. E. Baldwin, Sec.
1900	Palatine, London.....	Fire.....	Herbert Lewis, Man.
1901	Pall Mall, London, E. C.....	Gen. Reins. (ex. life)...	E. Britton, Sec.
1907	Parcels & General, Birmingham.....	Mail Insurance.....	E. Humphries, Sec.
1782	Phoenix, London.....	Fire, Life, Acc., etc.....	Edward A. Boston, Fire Man.
1895	Pres. Ch. in Ireland, F. I. Trust, Belfast	Fire (trust prop. only)	R. S. Monie, Sec.
1866	Primitive Methodist, York.....	Fire, W.C.(trust prop.)	Rev. T. J. Gladwin, Sec.
1907	Printing Trades & Gen'l, Manchester	Fire.....	Frank Bird, Sec.
1865	Provident Clerks, London, E. C.....	Fire, Burg., P. G., etc.	C. A. Freeman, Sec.
1903	Provincial, Limited, London.....	Fire, Burg., E. L., etc.	F. C. Scott, Sec.
1905	Quadrant Ins. and Deb., Liverpool...	Fire, P. G., Burg., etc.	L. Nicholas, Man. and Sec.
1818	Quebec Fire, Quebec, Can.....	Fire.....	Colin E. Sword, Sec.
1886	Queensland, Sydney, Aust.....	Fire, Mar., Acc.....	A. McVernon, Gen. Man.
1902	Ramsgate Marine, Ramsgate.....	Ins. of Smack Engines.	.....
1900	Regal Fire and Accident, London, E.C.	Fire, Acc., Sick, etc.....	Alfred Hurley, Sec.
1906	Reliance Fire and Acc., London.....	F., B., Acc., P.G., etc.	W. E. Richards, Man. Dir.
1881	Reliance Marine, Liverpool.....	Marine.....	F. R. Edwards, Sec.
1720	Royal Exchange Assurance, London...	F., L., An., Acc., B., S.	W. N. Whymper, Sec.
1845	Royal, Liverpool.....	Fire, Life, Ann., etc...	Geo. Chappell, Gen. Man.
1910	Royal London Auxiliary, London, E.C.	Life, Fire, E. C.....	J. Price & H. Duffell, Man.Dirs.
1907	Royal Scottish, Glasgow.....	Fire, Burg., Lia., etc...	Robert Oliphant, Gen. Man.
1885	St. Columb District Mut., Cornwall..	Fire.....	George G. Bullmore, Sec.
1908	St. James, London, E. C.....	Fire, Marine.....	A. C. Webb, Sec.
1900	Salvation Army, London, E. C.....	All except L. & E. L.	W. F. Giles, Sec.
1877	Scottish, Edinburgh.....	F., Acc., W.C., L. A., etc.	Harry Armour, Man.
1876	Scottish Metropolitan, Edinburgh....	A., L., F., P. G., etc...	F. S. Goggs, Sec.
1824	Scottish Union and National, Edinb'gh	Fire, Life, Ann., etc...	J. A. Cook, Gen. Man.
1875	Sea, Liverpool.....	Marine.....	W. A. Edwards, Sec.
1904	Sentinel, Birmingham.....	Fire, Acc., Liab., etc...	J. Kent, Sec.
1914	Somerset Mutual, Newquay.....	Fire.....	G. G. Bullmore, Sec.

DIRECTORY OF FIRE AND MARINE INSURANCE COMPANIES IN GREAT BRITAIN—Continued.

Date of Organization.	NAME AND LOCATION OF COMPANY.	Character of Business.	Name of Manager or Secretary.
1872	So. British Ins. Co. Ltd. Auckland, N. Z.	Fire, Mar., etc.	E. V. Sassoon, Lon. Dir.
1905	South East Lancashire, Oldham	Fire and Glass	A. Jackson, Man.
1906	Southwark Insurance, London	Reinsurance	A. E. Rideoutt, Sec.
....	Standard F. & M., Dunedin, N. Z.	F., M., Guar., Acc.	H. J. Symons, London, Man.
1871	Standard Marine, Liverpool	Marine	N. B. Barnes, Sec.
1891	State, Liverpool	Fire, Burglary, etc.	Albert H. Heal, G. M. and Sec.
1906	Stew., D. & Fen. Mut. I. Co., Stewarton	Fire	.....
1710	Sun, London	Fire, E. L., Acc., etc.	G. E. Mead, Man. and Sec.
1860	Thames and Mersey, Liverpool	Marine	G. E. Martindale, Sec.
1904	Theatres Mutual, Ltd., Hull	Fire	W. G. Hall, Sec.
1914	Timber Trade Fed. Mut., London	Fire	Wm. Swift, Man.
1907	Traders & General, London	All except Life	R. W. Allwright, Sec.
1913	Transit & General, Glasgow	Articles in Transit	David Lees, Sec.
1897	Truro Dist. Mut. Fire Office, Gwarnick	Fire	G. A. Northey, Sec.
1867	Ulster Marine, Belfast	Marine	Sinclair & Boyd, Ms. & Undrs
1714	Union, London	Fire, Acc., Burg., etc.	Herbert Lewis, Man.
1863	Union Marine, Liverpool	Marine	J. S. Allen, Sec.
1897	United Dominions, London	Fire & Marine Re-ins.	C. J. Marriott, Sec.
1888	United F. C. of Scotland, Edinburgh	Fire (church prop. only)	W. P. Scott, Sec.
1908	United Friendly Ins. Co. Ltd. Lon., E. C.	Sickness, Acc., Fire, etc.	W. N. Rodger, Sec.
1912	United Scottish Her. Drif., Peterhead	Marine, etc.	Robert Gray, Man. Dir.
1902	United Legal Indemnity, London, W. C.	M. Car., A. B., P. G., etc.	C. H. Trenam, Man.
1904	United Sick & Acc., Gen'l., Glasgow	Fire, Acc., W. C., E. L.	W. Murdoch, Solicitor.
1862	United, Sydney, Aust.	Fire, Marine, Acc.	Thos. M. Tinley, Man.
1908	Universal Automobile, London	All except L. and W. C.	C. L. Danks, Gen. Man.
1912	Universal Baggage, London	Baggage	.....
1905	Urban Fire, Hollinwood	Fire and Glass	Thos. Whitehead, Sec.
1849	Victoria, Melbourne	Fire, Marine	Dalgety & Co., Ltd., Lon. Agts.
1859	Vulcan Boiler & Gen., Manchester	Motor Cars, etc.	J. M. Dale, Sec.
1888	Welsh Baptist, Swansea	Fire	E. Edmunds, Sec.
1886	Welsh Calvinistic Methodist, Liverpool	Fire (trust prop. only)	E. W. Jones, Sec.
1909	Welsh, Cardiff	All except Life	H. Meanock, Sec.
1872	Wesleyan Methodist Trust, Manchester	F. (trust prop. only) E. L.	Henry Plummer, Sec.
1912	West Australian, Perth	F., M., Acc., etc.	S. G. Hill, Gen. Man.
1886	West of Scotland, Glasgow	Fire, Burglary & Acc.	G. MacGregor, Man.
1851	Western, Toronto, Can.	Fire, Profits, Mar.	W. G. Meikle, Gen. Man.
1910	Western Union, Vancouver, Can.	Fire	C. G. McLean, Sec.
1717	Westminster, London, W. C.	Fire	E. P. Scoones, Sec.
1894	World Marine & Gen., London, E. C.	Marine	G. G. Sharman, Undr.
1824	Yorkshire, York	F., Life, Acc., E. L., etc.	J. Hamilton, Sec. & Gen. Man.

ADDENDA.

AMERICAN MUTUAL FIRE, Providence, R. I.—
(Page 287.) Total income, 1914, should read
\$444,423.

PAWTUCKET MUTUAL FIRE, Pawtucket, R. I.—
(Page 317.) Field men, the name of Earl R. Horton
should be eliminated.

SYNOPSIS OF EUROPEAN FIRE INSURANCE BUSINESS IN 1913

In some cases in which the figures for 1913 were not obtainable those for a previous year are given:

Fire Bus. Etab.	NAME AND LOCATION OF COMPANY.	Paid-up Capital.	General Fund.	Fire Fund.	Net Premiums.	Net Losses.
	AUSTRIAN FIRE INSURANCE COS. [Kr. 24.12 equal £1 sterling.] <i>Joint Stock Companies.</i>	<i>Kroners.</i>	<i>Kroners.</i>	<i>Kroners.</i>	<i>Kroners.</i>	<i>Kroners.</i>
1911	Allgem. Versicherungs Bk., Herrmannst.	1,200,000	.....	46,064	61,219	14,408
1831	Assicurazione Generali, Trieste.....	6,300,000	9,185,647	15,425,174	24,014,710	13,194,283
1867	Donau, Vienna.....	3,000,000	4,143,441	3,454,130	7,077,632	4,437,879
1911	Erste Einbruch V. A. G., Vienna.....	1,000,000	546,426	16,265	40,662	36,738
1858	Erste Ungarische, Budapest.....	8,000,000	12,520,802	12,188,427	12,188,427	6,960,092
1864	Fonciere, Budapest.....	4,000,000	1,217,570	2,809,800	7,562,450	4,205,972
1910	Herceg-Bosna, Sarajevo.....	1,200,000	23,860	127,633	319,083	185,981
1911	Hungaria, Budapest.....	1,800,000	78,869	370,933	927,331	584,221
1912	Moldavia, Prague.....	2,000,000	520,293	63,684	175,049	64,607
1868	Oester. Elementar, Vienna.....	4,000,000	416,230	3,519,309	7,612,137	5,204,868
1860	Phoenix, Vienna.....	8,000,000	954,358	5,165,355	13,204,948	8,949,811
1838	Riunione Adriatica, Trieste.....	4,500,000	6,520,838	11,322,389	18,233,538	10,789,105
1879	Ugar-Franzosische, Budapest.....	1,000,000	1,792,978	1,483,982	2,655,991	1,654,996
1895	Vaterlandische Allg., Budapest.....	5,000,000	185,529	1,593,658	1,144,802	531,021
1881	Wiener, Vienna.....	4,000,000	1,656,971	3,859,827	7,171,780	5,144,242
	Mutual Institutions and Landes Anstalten.					
1861	Assek. Ver. der. Zucker Ind., Prague.....	Mutual	5,714,880	601,242	2,063,036	102,049
....	Brux, Dux, & Teplitz V. V., Brux.....	"	.....	827,399	125,414	54,446
1864	Burgsteiner, Haida.....	"	382,820	1,401	145,266	99,740
1867	Concordia, Reichenberg.....	"	399,319	195,875	596,417	229,903
1884	Croatia, Agram.....	"	1,227,416	184,184	459,382	253,985
1892	Dniester, Lemberg.....	"	2,571,590	1,100,526	1,766,712	999,377
1827	Erste Boehmische, Prague.....	"	9,502	6,353,246	1,912,849	1,396,642
1829	Graz, Graz.....	"	7,771,567	195,547	1,013,858	580,964
....	Hasciska, Brunn.....	"	265,235	242,801	397,174	308,745
1899	Karnthner, Klagenfurt.....	"	487,731	86,349	332,285	235,603
1860	Krakauer, Cracow.....	"	12,839,093	3,731,773	9,835,172	6,832,671
1901	Laibacher Feuerv. Anst., Laibach.....	"	116,435	118,292	304,359	215,007
1869	Landwirthschaftliche, Prague.....	"	660,611	571,918	681,386	450,405
1811	Linzer, Linz.....	"	4,855,573	134,580	507,058	295,998
1829	Mittlrich-Schlesische, Brunn.....	"	9,853,273	270,841	1,677,551	714,613
1901	Mahr & Obersteiermark, Graz.....	"	117,000	74,075	129,895	92,768
1897	Nieder-Oesterreichische, Vienna.....	"	1,307,792	76,057	1,275,491	624,814
1865	Prager Stadtische, Prague.....	"	2,619,883	.....	417,610	68,131
1904	Reichenberger, Reichenberg.....	"	305,246	.....	31,366	5,195
1811	Salzburger, Salzburg.....	"	1,251,647	29,953	275,374	286,211
1869	Slavia, Prague.....	"	3,794,859	1,514,399	3,317,733	2,178,304
1867	St. Florian, Eger.....	"	1,559,989	.....	254,599	128,023
1869	Transsylvania, Herrmannst.	"	664,007	123,510	293,688	122,092
1900	Vers. Gen. der Landwirte, Budapest.....	"	1,560,282	1,441,460	3,332,527	1,856,735
1850	Wartenberger, Wartenberg.....	"	392,026	88,708	247,075	205,397
1825	Wiener weschels, Vienna.....	"	8,539,078	57,206	1,467,659	575,593
1909	Wisla, Lemberg.....	"	235,936	104,009	307,469	199,805
	Reinsurance Companies.					
1911	Budapest Ruck, Budapest.....	1,500,000	34,545	551,156	1,485,771	977,888
1913	Danubius, Vienna.....	1,500,000	234,943	17,073	41,642	14,499
1873	Erste Bohmische Ruck, Prague.....	3,000,000	865,674	3,789,471	7,804,202	5,450,874
1906	Internationale Ruck, Vienna.....	2,500,000	639,810	3,053,915	7,291,513	4,717,639
1893	Meridionale, Trieste.....	3,000,000	640,641	1,499,419	2,998,838	2,200,893
1893	Nationale Unfall, Budapest.....	2,000,000	1,392,142	85,330	213,325	259,685
1862	Pannonia Ruck, Budapest.....	1,920,000	3,377,012	4,200,000	4,406,127	3,337,682
1898	Providentia, Vienna.....	1,500,000	963,896	1,361,692	3,404,248	2,289,773
1865	Securitas, Vienna.....	1,200,000	839,425	1,887,826	4,719,566	3,408,167
1890	Ugar, Hagel & Ruck, Budapest.....	3,000,000	866,629	500,295	664,854	462,938
1870	Wiener Ruck, Vienna.....	3,000,000	361,937	4,005,135	9,968,879	6,453,206
1885	Wechs. Ruckversich. Ver., Vienna.....	Mutual	2,464,925	777,000	2,193,146	1,646,342
	BALKAN STATES FIRE INSURANCE COS. [25.25 Francs or Lei equal £1 sterling.]	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>
1906	Agricola, Bucharest.....	2,000,000	252,019	100,893	278,003	291,063
1895	Balkan, Sofia.....	61,500,000	929,209	8,387,196	15,511,282	9,790,462

¹ All branches. ² Since increased to kr. 889,819. ³ Since increased to kr. 3,000,000. ⁴ In addition to these figures the following capitals are shown as applying to the Life Branch: Assicurazione Gen., kr. 6,300,000; Riunione Adriatica, kr. 8,000,000.

SYNOPSIS OF EUROPEAN FIRE INSURANCE BUSINESS—Continued.

Fire Bus. Estab.	NAME AND LOCATION OF COMPANY.	Paid-up Capital.	General Fund.	Fire Fund.	Net Premiums.	Net Losses.
	BALKAN STATES FIRE INS. COS.—Cont. [25.25 Francs or Lei equal £1 sterling.]	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>
1801	Bulgaria, Roustchouk.....	1,000,000	1,104,780	7,949,064	15,040,885	9,724,211
1881	Dacia Romania, Bucharest.....	3,600,000	11,816,571	2,116,901	4,668,431	3,060,249
1897	Generala, Bucharest.....	3,000,000	1,610,471	1,281,855	1,181,855	831,987
1882	Nationale, Bucharest.....	2,000,000	7,390,000	1,286,876	2,307,937	1,812,469
1892	Ottoman, Constantinople.....	220,000	—4,682	13,250	31,680	14,680
1906	Serbia, Belgrade.....	300,000	.....	.....	.....	.....
	BELGIAN FIRE INSURANCE COMPANIES. [25.25 Francs equal £1 sterling.]	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>
1824	Assurances Generales, Brussels.....	849,876	4,969,289	3,614,377	5,476,329	3,048,213
1855	Belgique, Brussels ^a	400,000	4,991,618	2,775,673	2,446,228	1,329,459
1879	Bureau Flemmich, Antwerp.....	226,000	.....	.....	.....	.....
1853	Cercle d'Assureurs, Antwerp.....	160,000	.....	.....	.....	.....
1821	Cie de Bruxelles, Brussels.....	1,651,852	1,086,207	2,430,000	2,827,733	1,415,502
..	Escaut, Antwerp.....	.....	.....	.....	.....	.....
..	Globe, Brussels.....	.....	.....	.....	.....	.....
1873	Industriels Reunis, Gand.....	428,000	1,461,020	103,000	273,478	162,664
1910	Internationale Belge, Brussels ^a	306,800	28,956	265,802	786,882	420,352
1856	Lloyd Belge, Antwerp.....	1,200,000	1,209,960	1,850,000	3,311,347	1,693,491
1869	Neptune, Antwerp.....	250,000	.....	.....	.....	.....
..	Patrie, Brussels.....	1,286,449	95,308	340,079	963,700	527,960
1887	Provinces Reunies, Brussels ^a	1,892,785	68,971	3,200,196	4,846,479	3,062,711
1821	Proprietaires Reunis, Brussels.....	3,386,243	5,477,397	6,196,114	9,003,732	3,878,550
..	Securitas, Antwerp.....	1,260,000	.....	.....	.....	.....
1824	Union Belge, Brussels.....	640,000	1,225,631	1,259,090	1,593,251	801,562
1900	Union Generale, Brussels.....	73,100	.....	.....	.....	.....
1890	Union des Prop. Belges, Brussels ^a	1,000,000	57,629	360,728	721,675	296,883
	DUTCH FIRE INSURANCE COMPANIES. [12 Florins equal £1 sterling.]	<i>Florins.</i>	<i>Florins.</i>	<i>Florins.</i>	<i>Florins.</i>	<i>Florins.</i>
1858	Amstel, Amsterdam.....	120,000	30,837	15,071	22,332	14,346
1904	Amstelland, Amsterdam.....	250,000	22,461	616,705	427,668	428,677
1790	Amsterdamsche Brand, Amsterdam.....	.....	.....	.....	.....	.....
1820	Amsterdamsche Zee en B., Amsterdam.....	300,000	.....	.....	.....	.....
1895	Amsterdam Londen, Amsterdam.....	300,000	300,000	572,498	375,465	396,879
1832	Brand My, Amsterdam.....	120,000	.....	.....	.....	.....
1790	Brand My te Amsterdam, Amsterdam.....	600,000	.....	.....	.....	.....
1903	Cosmopolis Reins., Amsterdam.....	140,000	231,010	.....	.....	.....
1899	Derde Nederl'sche Reins., The Hague ^d	100,000	40,508	45,998	114,995	66,774
1890	Diligentia, Amsterdam.....	.....	.....	.....	.....	.....
1903	Eigen Hulp, The Hague.....	40,000	2,560	2,407	3,664	495
1909	Generale, Amsterdam.....	83,250	.....	.....	.....	.....
1846	Haarlemsche, Haarlem.....	100,000	186,379	55,358	261,823	150,849
1859	Holland, Dordrecht.....	180,000	354,750	110,656	281,924	150,209
1808	Hollandsche Brand, Amsterdam.....	500,000	523,089	96,904	.....	.....
1903	Houthandelaren B. M., Amsterdam.....	Mutual	.....	.....	.....	.....
1838	Konigr. Nederlanden, Bois le Duc.....	100,000	522,582	.....	738,605	440,795
1894	Mercurius, Amsterdam.....	50,000	66,673	751,680	112,054	46,861
1845	Nederlanden, The Hague.....	1,200,000	2,250,798	1,423,963	2,847,926	1,373,171
1833	Nederlandsche (Tiel), Tiel.....	100,000	.....	.....	.....	.....
1842	Nederlandsche, Amsterdam.....	80,000	.....	.....	.....	.....
1853	Nederlandsche Lloyd, Amsterdam.....	480,000	704,695	446,270	794,945	785,771
1889	Nederlandsche Reinsur, The Hague.....	100,000	168,299	452,875	391,866	256,955
1895	Nederlandsche Transport, Rotterdam ^b	100,000	56,763	7205,738	308,666	282,093
1897	Patria, Rotterdam.....	50,000	25,034	100,282	238,766	162,893
1897	Protector, Amsterdam.....	810,250	.....	.....	.....	.....
1897	Providentia, Amsterdam.....	100,000	104,787	150,850	378,487	213,777
1900	Rijn, Amsterdam.....	150,000	.....	.....	.....	.....
1888	Salamander, Amsterdam.....	150,000	29,900	85,228	213,070	143,968
1866	Schiedam, Schiedam.....	50,000	11,500	.....	.....	.....
1901	Standaard, Amsterdam.....	250,000	50,755	458,371	1,222,591	804,976
1899	Tweede Ned. Reins., The Hague.....	100,000	37,072	46,918	117,294	68,415
	FRENCH FIRE INSURANCE COS. [25.25 Francs equal £1 sterling.]	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>
1857	Abeille, Paris.....	3,000,000	7,762,864	2,945,000	8,640,175	4,038,023
1843	Aigle, Paris.....	2,000,000	3,226,312	4,280,382	9,540,416	5,189,279
1819	Assurances Generales, Paris.....	2,000,000	23,313,450	6,580,000	25,076,624	11,816,077

^a The figures are Turkish pounds.^b Includes figures of other branches.^c Includes Loss Reserves.

SYNOPSIS OF EUROPEAN FIRE INSURANCE BUSINESS—Continued.

Fire Bus. Estab.	NAME AND LOCATION OF COMPANY.	Paid-up Capital.	General Fund	Fire Fund.	Net Premiums.	Net Losses.
FRENCH FIRE INS. COS.—Cont. (25-25 Francs equal £1 sterling.)						
		<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>
1844	Confiance, Paris.....	4,000,000	3,623,675	1,878,361	6,323,444	2,795,130
1913	Europeene de Reassurances, Paris....	1,000,000	18,660	531,820	1,609,951	571,263
1903	Flandre, Roubaix.....	500,000	585,058	66,874	1,425,039	1,270,352
1877	Fonciere, Paris.....	10,000,000	5,575,457	1,744,617	5,411,935	1,866,676
1837	France, Paris.....	2,500,000	6,625,824	2,934,881	10,547,241	4,485,504
1879	Metropole, Paris.....	2,400,000	2,909,253	1,968,088	6,944,219	3,107,927
1864	Monde, Paris.....	2,400,000	1,568,230	1,815,460	5,187,020	2,227,701
1820	Nationale, Paris.....	2,500,000	11,881,187	4,654,440	12,407,570	5,720,619
1840	Nord, Paris.....	500,000	3,512,081	2,138,928	7,366,953	2,619,353
1843	Paternelle, Paris.....	2,400,000	6,721,871	3,365,000	10,832,472	4,165,842
1819	Phenix, Paris.....	4,000,000	23,632,853	7,415,030	14,030,060	6,210,141
1838	Providence, Paris.....	1,250,000	5,766,592	1,637,000	5,242,020	2,202,373
1904	Reassurance Nouvelle, Paris.....	500,000	622,839	884,318	4,005,221	2,667,328
1879	Remoise, Rheims.....	1,250,000	1,120,277	110,000	199,441	47,101
1829	Soleil, Paris.....	6,000,000	9,948,033	7,555,731	17,066,448	9,840,266
1884	Soc. Anon. de Reassurances, Paris.....	2,000,000	3,791,673	7,026,596	16,806,623	10,801,008
1828	Union, Paris.....	2,500,000	17,267,298	8,360,000	27,804,214	15,073,097
...	Union Generale du Nord, Lille.....	.....	.....	.....	.....	.....
1838	Urbaine, Paris.....	1,250,000	5,918,559	6,984,000	19,372,911	10,670,285
GERMAN FIRE INSURANCE COS. (20-40 Marks equal £1 sterling.)						
	<i>Joint Stock Companies.</i>	<i>Marks.</i>	<i>Marks.</i>	<i>Marks.</i>	<i>Marks.</i>	<i>Marks.</i>
1825	Aachen-Munchen, Aix la Chapelle.....	2,700,000	8,758,113	10,805,049	16,239,355	8,381,668
1876	Aachen-Leipzig, Aix la Chapelle.....	600,000	1,013,203	590,274	1,433,850	777,553
1907	Albingia, Hamburg.....	2,250,000	1,378,915	1,288,832	2,853,579	1,867,403
1906	Allianz, Berlin.....	3,125,000	8,818,770	4,800,017	6,669,698	4,049,217
1881	Alsatia, Strassburg.....	500,000	430,760	713,000	697,782	371,784
1898	Badische, Karlsruhe.....	1,000,000	73,330	657,000	1,633,451	1,042,629
1838	Bayerische Vers. Bank, Munich.....	2,500,000	3,588,671	3,719,672	5,010,652	2,567,137
1812	Berlinische, Berlin.....	1,805,000	2,933,506	2,445,809	3,494,541	1,806,036
1839	Colonia, Cologne.....	1,800,000	9,055,392	2,943,703	3,572,510	1,558,685
1860	Deutsche, Berlin.....	630,000	910,000	1,083,000	1,563,959	740,580
1844	Deutscher Phoenix, Frank-on-Main.....	1,885,716	3,178,104	3,568,130	4,033,602	2,306,887
1861	Gladbacher, M. Gladbach.....	1,200,000	2,235,918	3,723,704	6,075,190	3,382,989
1905	Globus, Hamburg.....	1,000,000	882,255	1,128,304	2,848,410	1,910,203
1855	Hamburg-Bremer, Hamburg.....	2,469,500	2,424,710	4,165,000	6,853,198	3,697,842
1910	Hansa, Hamburg.....	1,250,000	700,000	561,101	1,304,558	948,357
1877	Hanseatische, Hamburg.....	750,000	67,448	356,537	894,219	610,478
1912	Iduna, Halle.....	1,250,000	477,318	166,416	406,250	205,062
1910	Kronprinz, Cologne.....	1,250,000	359,933	233,426	443,889	271,817
1819	Leipziger, Leipzig.....	6,000,000	4,075,160	4,772,029	4,013,090	2,040,349
1844	Magdeburger, Magdeburg.....	3,000,000	9,450,092	8,929,581	15,453,460	9,626,734
1909	Mitteldeutsche, Halle.....	1,250,000	263,281	282,187	664,771	421,125
1907	Nord-Deutsche, Hamburg.....	4,000,000	4,646,028	2,726,744	5,010,496	2,595,381
1912	Nordstern, Berlin.....	1,800,000	2,409,533	176,759	225,260	81,126
1857	Oldenburger, Oldenburg.....	1,000,000	1,933,007	1,585,012	1,306,857	570,987
1867	Preussische, Berlin.....	1,500,000	4,675,429	1,554,736	2,067,093	972,658
1845	Preussische Nationale, Stettin.....	2,250,000	4,075,000	8,531,409	9,099,735	4,040,480
1856	Providentia, Frankfort-M.....	1,714,285	5,289,495	2,152,834	2,575,021	989,624
1910	Rheinische, Cologne.....	1,250,000	112,830	233,426	443,888	271,817
1912	Rheinische-Schlesische, Berlin.....	1,500,000	144,411	174,183	378,082	266,684
1880	Rheinland, Neuss.....	1,800,000	1,562,853	1,176,692	1,739,219	870,684
1881	Rhein und Mosel, Strassburg.....	2,400,000	2,171,343	2,260,000	2,153,679	974,763
1848	Schlesische, Breslau.....	1,800,000	4,848,020	5,472,395	4,517,814	2,515,003
1908	Securitas, Berlin.....	1,000,000	115,289	501,461	1,235,027	818,117
1913	Stuttgart Mit u. Ruck, Stuttgart.....	2,577,000	859,186	368,073	1,004,269	500,002
1853	Thuringia, Erfurt.....	1,800,000	4,163,086	6,856,164	6,058,827	2,832,763
1873	Union, Berlin.....	900,000	1,302,117	1,070,000	1,802,452	1,045,525
1822	Vaterlandische, Elberfeld.....	1,593,750	7,581,903	5,930,000	6,755,226	3,769,651
1904	Victoria, Berlin.....	1,500,000	4,535,154	6,072,361	4,480,662	1,107,120
1866	Westdeutsche, Essen.....	1,200,000	1,022,527	1,652,145	4,248,465	2,440,495
Mutual Companies.						
1830	Altonaer F. A. G., Altona.....	Mutual	1,322,364	350,849	721,443	310,953
1846	Brandenburger, Brandenburg.....	"	949,256	333,165	439,286	160,968
1901	Buchdrucker Gen., Leipzig.....	170,000	101,641	22,295	40,863	16,073
1865	Concordia, Hanover.....	Mutual	2,834,491	88,533	580,444	342,226
1890	Eisenbahn Bedienst, Berlin.....	"	2,002,581	.....	574,982	404,959
1831	Feu. V. fur. Mecklenburg, Gustrow.....	"	230,924	20,000	243,382	140,849
1812	Gothaer, Gotha.....	"	349,226	14,372,869	5,573,843	3,036,510

†Reinsurance figures not deducted.

SYNOPSIS OF EUROPEAN FIRE INSURANCE BUSINESS—Continued.

Fire Bus. Estab.	NAME AND LOCATION OF COMPANY.	Paid-up Capital.	General Fund.	Fire Fund.	Net Premiums.	Net Losses.					
	GERMAN FIRE INS. COS.—Cont. (20-40 Marks equal £1 sterling.)										
	Mutual Companies.—Cont.	Mutual.	Marks.	Marks.	Marks.	Marks.					
1841	Greifswalder, Greifswald.....	"	1,800,797	.....	1,647,497	1,429,979				
1878	La Mutuelle du Haut Rhin, Mulhouse..	"	314,036	.....	117,128	51,812				
1873	Landwirtschaftliche, Dresden.....	"	2,223,834	964,977	867,556	522,155					
1826	Lubecker Verein, Lubeck.....	"	418,163	56,000	169,158	35,738					
1840	Marienwerder, Marienwerd.....	"	530,499	5,418	601,436	402,314					
1797	Mecklenburgische, Neubrandbg.....	"	2,539,956	254,696	1,680,711	1,303,068					
1880	Muhlen Vers. Ver, Osnabruck.....	"	283,842	.....	91,513	23,363				
1868	Sachsische Mil, Zwickau.....	"	2,078,851	12,468	774,850	461,829					
1831	Schonberger, Schonberg.....	"	266,558	.....	275,342	310,743				
1826	Schwedter, Schwedt.....	"	2,595,044	1,295,247	2,629,383	2,091,455					
1828	Vaterlandische Soc., Rostock.....	"	351,418	136,398	195,734	53,052					
1828	Wurttembergische, Stuttgart.....	"	16,319,167	2,572,106	2,204,265	997,263					
	Public Societies and Institutions.										
	Town.		*								
1718	Berlin, Berlin.....	Mutual	1,218,927		3,176,865	1,066,517					
1719	Brandenburg Stadte, Berlin.....	"	2,001,025		700,998	287,044					
1740	Breslau, Breslau.....	"	4,986,190		174,144	86,667					
1677	Hamburg, Hamburg.....	"	21,712,339		2,176,514	1,229,995					
1765	Lubeck (Town), Lubeck.....	"	1,281,958		14,035	7,544					
1878	Lubeck (Suburbs), Lubeck.....	"	326,615		11,722	162					
1785	Mecklenburg Stadte, Rostock.....	"	460,982		326,383	423,127					
1782	Rostock, Rostock.....	"	1,147,088		10,210	1,980					
1839	Sachsen Stadte (Provinz), Merseburg..	"	9,613,181		174,021	12,872					
1722	Stettin, Stettin.....	"	1,402,997		65,108	48,743					
1771	Stralsund, Stralsund.....	"	191,311		15,816	10,954					
1822	Thorn, Thorn.....	"	1,764,904		20	1,097					
1822	Wismar, Wismar.....	"	349,379		3,401	.....				
	Town and Country.										
1751	Anhalt, Dessau.....	"	3,249,000		459,471	247,941					
1808	Baden, Karlsruhe.....	"	1,927,120		6,622,976	6,093,659					
1811	Bayern, Munich.....	"	37,855,487		7,049,242	7,293,538					
1901	Brandenburg-Land, Berlin.....	"	3,470,793		2,730,867	1,498,276					
1753	Braunschweig, Brunswick.....	"	8,058,909		763,205	778,018					
1770	Gotha, Gotha.....	"	1,442,785		238,879	7,364					
1864	Hannover, Hanover.....	"	5,333,738		3,515,275	2,818,121					
1768	Hessen (Province), Cassel.....	"	4,650,543		1,997,235	1,408,349					
1817	Hessen (Grand-Duchy), Darmstadt....	"	7,589,932		1,915,817	1,079,015					
1855	Hohenzollern, Sigmaringen.....	"	1,636,288		124,382	140,780					
1794	Jever, Jever.....	"	16,309		25,879	26,665					
1752	Lippe, Detmold.....	"	503,635		91,689	19,305					
1789	Magdeburg, Magdeburg.....	"	12,963,759		3,515,856	1,996,075					
1817	Mecklenburg, Domanen, Schwerin.....	"	298,727		524,284	540,751					
1806	Nassau, Wiesbaden.....	"	7,805,311		924,087	407,182					
1764	Oldenburg, Oldenburg.....	"	254,067		1,495,000	725,221					
1754	Ostfrisen, Aurich.....	"	1,394,662		338,503	233,301					
1901	Ostpreussen, Konigsberg.....	"	7,725,275		3,172,293	1,352,603					
1885	Pommern, Stettin.....	"	938,471		3,245,378	3,062,447					
1804	Posen, Posen.....	"	8,820,609		4,154,338	3,329,781					
1885	Preuss. Domanen, Berlin.....	"	Notsta ted.		650,304	692,584					
1836	Rheinprovinz, Dusseldorf.....	"	15,130,000		7,750,568	4,922,204					
1781	Ritterschaftliche, Rostock.....	"	1,562,051		639,304	530,822					
1821	Sachsen (Grand-Duchy), Weimar.....	"	2,787,618		820,372	711,457					
1816	Sachsen (Duchy), Merseburg.....	"	10,504,825		816,036	17,169					
1849	Sachsen (Kingdom), Dresden.....	"	20,041,346		8,342,417	5,795,731					
1776	Sachsen Altenburg, Altenburg.....	"	636,981		498,398	380,920					
1842	Schlesien, Breslau.....	"	11,991,802		4,031,352	2,199,488					
1873	Schleswig Holstein, Kiel.....	"	5,266,498		2,704,924	2,029,006					
1785	Waldeck Pyrmont, Arolsen.....	"	648,726		35,932	812					
1837	Westfalen, Munster.....	"	12,059,623		4,963,161	5,586,246					
1790	Westpreussen (Landsch), Marienwerd..	"	757,496		633,680	430,033					
1785	Westpreussen (Provinzial), Dantzig....	"	2,077,202		1,267,616	721,821					
1807	Wurttemberg, Stuttgart.....	"	6,064,229		5,809,250	2,041,186					
	GERMAN FIRE RE-INSURANCE COS. [20-40 Marks equal £1 sterling.]										
1853	Aachener Ruck, Aix-la-Chapll.....	Marks.	1,800,000	Marks.	3,373,960	Marks.	2,774,837	Marks.	4,532,146	Marks.	2,698,242
1912	Ass. Union, Hamburg.....		1,000,000		11,046,665		291,427		666,032		444,334
1912	Bayerische Ruck, Munich.....		250,000		152,000		665,795		1,121,711		555,816

* The figures in this column represent assets after deduction of liabilities.

SYNOPSIS OF EUROPEAN FIRE INSURANCE BUSINESS—Continued.

Fire Bus. Estab.	NAME AND LOCATION OF COMPANY.	Paid-up Capital.	General Fund.	Fire Fund.	Net Premiums.	Net Losses.
	GERMAN FIRE RE-INSURANCE COS.—Con. (20-40 Marks equal £1 sterling.)	<i>Marks.</i>	<i>Marks.</i>	<i>Marks.</i>	<i>Marks.</i>	<i>Marks.</i>
1880	Colonia Ruck, Cologne.....	1,125,000	2,000,955	1,435,863	2,511,767	1,620,410
1908	Deutsche, Bremen.....	472,304	713,891	705,500	2,034,955	1,202,127
1910	Deutsche Ruck, Dusseldorf.....	1,250,000	170,730	1,028,443	3,691,338	2,403,450
1904	Deutsche Ruck u. Mit, Berlin.....	750,000	593,315	657,049	1,314,007	1,079,047
1904	Deutsche Transport, Berlin.....	900,000	674,850	657,049	1,314,008	1,079,047
1911	Dusseldorfer Ruck, Dusseldorf.....	625,000	18,280	514,221	2,002,267	1,260,660
1900	Europa, Frankfort-on-Main.....	1,000,000	497,934	1,283,690	2,074,313	1,055,255
1903	Frankfurter Allg., Frankfort-on-Main.....	4,000,000	15,688,856	1,720,000	3,998,487	2,660,338
1857	Frankfurter Ruck, Frankfort-on-Main.....	1,028,520	943,090	1,036,406	1,659,639	1,344,019
1907	Frankona, Frankfort-on-Main.....	2,000,000	2,043,645	2,724,816	6,313,401	4,206,138
1877	Gladbach Ruck, M. Gladbach.....	600,000	913,978	3,786,249	10,693,926	7,504,499
1807	Hamburg, Hamburg.....	4,000,000	2,862,533	3,386,325	8,221,551	5,339,283
1852	Kolnische Ruck, Cologne ^a	1,800,000	4,349,090	5,456,380	10,533,007	6,160,308
1912	Kolnische Unfall, Cologne.....	1,875,000	9,401,823	595,338	1,434,011	883,367
1907	Leipziger Ruck, Leipzig.....	280,000	64,751	884,813	1,559,840	914,685
1862	Magdeburger Ruck, Magdeburg.....	1,500,000	2,913,372	2,465,798	4,055,804	2,745,091
1912	Merkur, Cologne ^a	600,000	343,616	1,497,225	3,237,618	2,011,893
1886	Minerva, Cologne.....	1,000,000	2,542,176	3,346,003	6,402,535	3,865,781
1880	Munchener Ruck, Munich.....	7,500,000	36,515,354	26,498,536	58,820,868	37,562,576
1912	Neptun, Frankfort-on-Main.....	750,000	1,577,943	129,153	371,178	200,106
1843	Neue-Funfte, Hamburg.....	.....	42,690	255,155	685,346	416,147
1907	Nord-West Deutsche, Hamburg.....	1,500,000	1,646,892	1,380,170	3,332,486	2,295,211
1898	Oberhenische, Mannheim.....	1,250,000	1,921,494	1,027,513	2,431,392	1,673,014
1906	Preussische Ruck, Frankfort-on-Main.....	250,000	36,793	320,922	826,578	563,393
1880	Providentia Ruck, Frankfort-on-Main.....	400,000	854,159	344,819	344,819	156,188
1900	Rhein-Westfalische Lloyd, M. Gladbach.....	500,100	1,017,415	185,000	485,216	343,344
1870	Rhein-Westfalische Ruck, M. Gladbach.....	900,000	2,044,032	3,000,000	8,890,753	5,450,532
1910	Ruckversicherungs Verein, Berlin.....	250,000	262,216	287,372	422,606	192,683
1880	Stettiner Ruck, Stettin.....	450,000	400,000	883,216	1,362,792	935,207
1893	Sudddeutsche Ruck, Munich.....	1,800,000	1,373,073	4,402,782	10,620,046	7,465,528
1907	Versicherungs Ges.v., 1873, Hamburg.....	187,500	54,183	254,543	685,347	415,478
	ITALIAN FIRE INSURANCE COS. [25-25 Lires equal £1 sterling.]	<i>Lires.</i>	<i>Lires.</i>	<i>Lires.</i>	<i>Lires.</i>	<i>Lires.</i>
1833	Cia Anonima, Turin.....	1,125,000	1,988,942	903,348	1,856,623	833,493
1880	Co-operativa, Milan.....	1,181,120	702,255	473,355	965,217	529,434
1870	Fondaria, Florence.....	8,000,000	3,605,036	2,035,232	4,560,702	2,519,774
1906	Italiana, Genoa.....	1,000,000	.....	.....	.....	.....
1906	Lloyd Sabaudo Reinsurance, Genoa.....	9,030,000	.....	.....	.....	.....
1826	Milano, Milan.....	370,240	3,433,586	1,416,884	2,430,895	1,204,416
1906	Oceanus Reinsurance, Genoa.....	250,000	10,452	376,561	941,404	568,164
1901	Provvidenza, Milan.....	.....	.....	.....	.....	.....
1896	Savoia, Turin.....	600,000	93,670	774,000	1,935,761	1,616,534
1896	Sta. Cattolica, Verona.....	687,556	550,703	677,008	1,923,274	918,371
1829	Sta. Reale, Turin.....	Mutual	15,127,406	.....	9,218,216	4,600,232
1899	Unione Continentale, Turin.....	600,000	246,481	1,438,000	3,594,987	2,977,330
	RUSSIAN FIRE INSURANCE COS. [9-5 Roubles equal £1 sterling.]	<i>Roubles.</i>	<i>Roubles.</i>	<i>Roubles.</i>	<i>Roubles.</i>	<i>Roubles.</i>
1827	First Russian, Petrograd.....	4,000,000	4,983,777	6,350,000	11,375,835	7,159,418
1872	Jakor, Moscow.....	2,500,000	290,404	4,627,943	8,688,804	5,337,090
1872	Kieff Sugar Union, Kieff.....	Mutual	2,012,898	61,419	153,549	9,744
1862	Livland Mutual, Dorpat.....	Mutual	402,096	.....	218,241	190,785
1858	Moscow, Moscow.....	2,000,000	2,454,174	7,000,000	9,818,582	6,324,782
.....	Moscow Mutual, Moscow.....	Mutual	4,048,894	.....	452,910	126,451
1872	Northern, Moscow.....	1,200,000	1,434,000	5,781,400	6,949,957	4,708,469
1858	Petrograd, Petrograd.....	2,100,000	214,366	1,557,655	3,770,513	2,591,818
1888	Pomoschtsch (Reinsurance), Petrograd.....	1,000,000	362,520	474,493	948,987	665,794
1881	Rossija, Petrograd.....	5,000,000	2,514,154	8,350,000	16,560,149	10,362,991
1867	Russian, Petrograd.....	1,500,000	314,390	1,436,476	3,591,180	2,539,615
1909	Russian Lloyd, Petrograd.....	3,000,000	222,282	910,400	2,308,716	1,639,131
1904	Russian Mutual, Moscow.....	3,000,000	613,669	159,132	318,264	92,632
1896	Russian Reinsurance, Petrograd.....	3,000,000	1,502,955	7,118,061	9,477,822	6,340,860
1903	Russian Transport, Petrograd.....	14,250,000	116,907	951,002	2,377,506	1,536,243
1846	Salamandra, Petrograd.....	5,000,000	4,020,043	5,111,549	12,403,872	7,338,178
1835	Second Russian, Petrograd.....	2,250,000	566,428	2,167,524	5,320,161	3,253,831
1904	Sноп, Warsaw.....	Mutual	653,620	90,599	428,682	242,993
1872	Volga, Petrograd.....	1,000,000	218,975	224,168	666,349	557,451
1870	Warsaw, Warsaw.....	1,000,000	753,956	3,045,500	5,232,811	3,420,822

^a Includes other Branches.

SYNOPSIS OF EUROPEAN FIRE INSURANCE BUSINESS—Continued.

Fire Bus. Estab.	NAME AND LOCATION OF COMPANY	Paid-up Capital.	General Fund.	Fire Fund.	Net Premiums.	Net Losses.
RUSSIAN FIRE INSURANCE COS.—Cont.						
<i>Finland</i>						
[25 F. m. equal £1 Sterling].						
1902	Evangelisk Lutherska, Helsingfors.....	Mutual	F.m. 163,585	F.m.	F.m. 34,977	F.m. 3,514
1882	Fennia, Helsingfors.....	1,600,000	1,248,119	1,004,953	1,185,130	752,356
1857	Finska, Helsingfors.....	Mutual	1,096,309	.....	749,285	482,261
1911	Imatra, Helsingfors.....	1,000,000	40,000	258,000	468,333	222,704
1902	Industriidkarenes, Helsingfors.....	Mutual	7,226,046	12,299	1,343,922	2,974,671
1899	Osmo Reinsurance, Helsingfors ¹	150,000	188,749	682,035	1,515,633	986,760
1891	Pohjola, Helsingfors.....	1,500,000	1,826,167	3,237,919	6,349,916	4,084,011
1889	Sagegarenes, Helsingfors.....	Mutual	106,241	1,162,000	132,537	16,079
1909	Sampo, Abo.....	Mutual	.....	215,879	405,915	245,139
1832	Stadernas Allmanna, Helsingfors.....	Mutual	.....	.....	.....	.....
1872	Stadernas for losgendom, Abo.....	Mutual	1,736,318	949,436	139,205	67,560
1910	Tulemara, Helsingfors.....	Mutual	.....	.....	.....	.....
1905	Verdandi Reinsurance, Abo.....	450,000	76,198	313,500	846,417	484,699
1912	Wellamo, Wasa.....	600,000	20,000	53,614	114,355	16,318
SCANDINAVIAN FIRE INSURANCE COS.						
[18. 20 Kroner equal £1 Sterling.]						
<i>A.—Swedish Joint Stock Companies.</i>						
1872	Astrea Reinsurance, Gothenburg.....	Kroner. 1,000,000	Kroner. 632,866	Kroner. 687,000	Kroner. 1,343,652	Kroner. 868,750
1890	Aurora Reinsurance, Malmoe.....	500,000	260,297	219,716	549,291	379,910
1888	Fenix, Stockholm.....	1,600,000	1,842,162	184,200	409,372	189,437
1906	Freja, Stockholm.....	1,500,000	864,853	557,566	1,060,952	645,181
1897	Hermes Reinsurance, Malmoe.....	400,000	403,686	129,092	348,798	267,181
1902	Malmoe, Malmoe.....	300,000	.....	.....	.....	.....
1889	Norrland, Stockholm.....	1,050,000	1,375,000	782,628	1,769,300	1,275,248
1855	Skanda, Stockholm.....	5,000,000	3,385,852	11,682,539	6,725,652	4,059,152
1884	Skane, Malmoe.....	1,200,000	2,239,317	1,404,611	1,214,221	742,404
1866	Svea, Gothenburg.....	3,000,000	2,153,454	6,590,653	5,482,128	3,225,229
1888	Union Reinsurance, Gothenburg.....	150,000	503,819	215,842	319,176	191,914
1898	Victoria, Stockholm ²	1,000,000	1,195,240	441,288	302,532	205,739
<i>B.—Swedish Mutual Companies.</i>						
1782	Allm. Brandforsakrings v., Stockholm..	Mutual	5,050,411	10,120,001	495,851	467,889
1842	All. Brand. Forsakrings B. Jonkoping..	"	4,068,745	90,097	330,140	212,335
1884	Jarnvags Assur. Foren, Stockholm....	"	1,114,912	.....	103,909	104,071
1888	Mell. Sverigesvarufors bol, Katrineholm	"	767,370	65,000	102,261	36,641
1828	Skanskabrandf.inratning, Lund.....	"	10,850,686	6,040,514	1,231,228	58,490
1847	Skanska stad. brandstodsfl, Lund.....	"	3,517,014	1,883,727	114,515	93,697
1828	Stadernas Allm. brandf. B., Stockholm..	"	16,309,132	41,219	1,218,639	524,008
1746	Stockh. stads. brdf. Kontor., Stockholm	"	25,295,582	19,367,547	412,536	246,617
1843	Stockh. stads. brandstodsbl, Stockholm..	"	4,198,083	64,269	80,307	132,967
1888	Tor., Stockholm.....	"	401,520	73,857	194,097	87,052
<i>C.—Norwegian Companies.</i>						
1913	Aeolus, Bergen.....	181,600	373,700	21,210	53,400	27,610
1913	Arendals, Arendal.....	250,000	130,000	9,533	27,099	10,613
1866	Bergens Brand, Bergen.....	500,000	923,326	78,751	225,704	119,423
1846	Christiania Almindelige, Christiania....	1,320,000	1,747,327	333,412	654,195	287,218
....	Christiania Marine, Christiania.....	350,000	590,000	b 569,386	51,617	c 25,775
1867	Norden, Christiania.....	930,000	952,272	642,998	1,285,995	857,184
1857	Norge, Drammen.....	700,000	765,000	494,513	1,176,836	657,211
1911	Norske Alliance, Christiania.....	750,000	30,754	35,030	91,302	c 44,960
1911	Norske Lloyd, Christiania.....	600,000	376,021	105,035	210,071	104,258
1863	Thronhjems, Thronhjems.....	548,440	606,002	188,008	553,714	335,334
1880	Vesta, Bergen.....	.....	.....	.....	.....	.....
<i>D.—Danish Companies.</i>						
....	Absalon, Copenhagen ¹	50,000	30,971	78,655	265,509	154,288
1792	Almind.br.Landbygninger,Copenhagen..	.....	.....	.....	.....	.....
1861	Danmark, Copenhagen.....	Mutual	3,482,359	20,338	1,130,173	724,114
1908	Danske Grundejerer Br., Copenhagen..	"	65,000	38,687	174,148	86,284
1913	Danske Reinsurance, Copenhagen.....	590,000	3,265	363,003	1,341,702	650,813
1731	Kjobenhavns Brand, Copenhagen.....	Mutual	9,691,341	1,050	156,040	20,659
1798	Kong. Oct. Almindelige, Copenhagen....	4,000,000	1,109,745	311,599	623,198	322,952
1905	National (Reinsurance), Copenhagen....	150,000	100,089	69,860	174,650	112,700
1897	Nordisk Brand, Copenhagen†.....	400,000	275,962	505,026	1,213,039	789,970
1894	Nordisk Reinsurance, Copenhagen†.....	1,150,000	902,407	1,486,613	3,344,078	2,291,916
1864	Nye Danske, Copenhagen.....	1,200,000	1,164,104	654,920	1,309,840	824,589
1890	Ostifternes, Copenhagen.....	Mutual	266,830	.....	730,212	560,760
1899	Scandinavia Reinsurance, Copenhagen..	1,355,800	444,945	2,571,605	6,139,538	4,136,760
1907	Vermund, Randers.....	.....	.....	.....	.....	.....

¹ Of which Rs. 500,000 applies to the Fire Department. ² All branches. ³ Includes other Branches.
^a Includes Loss Reserve. ^b Includes Loss Reserve and Premium and Loss Reserve of Marine Branch.

SYNOPSIS OF EUROPEAN FIRE INSURANCE BUSINESS—Continued.

Fire Bus. Estab.	NAME AND LOCATION OF COMPANY.	Paid-up Capital.	General Fund.	Fire Fund.	Net Premiums.	Net Losses.
	SPANISH FIRE INSURANCE COS. [27 Pesetas equal £1 sterling.]	<i>Pesetas.</i>	<i>Pesetas.</i>	<i>Pesetas.</i>	<i>Pesetas.</i>	<i>Pesetas.</i>
1900	La Alborada, Vigo.....	250,250	46,623	36,397	96,942	9,515
1900	La Alianza, Barcelona.....	.....	.....	.....	.....	.....
1900	La Aurora, Bilbao.....	3,000,000	434,121	212,780	689,030	259,973
1906	Banco Aragonés, Saragossa.....	419,210	283,731	537,783	1,684,806	834,807
1865	La Catalana, Barcelona.....	1,500,000	1,586,317	988,203	2,962,525	1,199,681
1901	El Día, Madrid.....	1,950,000	129,810	1,072,000	3,063,813	1,785,555
1901	La Estrella, Madrid.....	.....	.....	.....	.....	.....
1902	La Hispania, Barcelona.....	2,295,625	—303,538	51,687	135,441	50,773
1901	El Norte, San Sebastian.....	1,000,000	20,646	117,693	254,545	97,587
1901	La Polar, Bilbao.....	5,000,000	634,777	.....	8,081,529	5,685,569
1883	La Prevision Espanola, Seville.....	500,000	544,561	183,229	501,251	161,937
1864	La Union y el Fenix Espanol, Madrid.....	12,000,000	3,043,908	4,750,281	14,394,413	7,898,877
	PORTUGUESE FIRE INS. COS. [5 Milreis equal £1 sterling.]	<i>Milreis.</i>	<i>Milreis.</i>	<i>Milreis.</i>	<i>Milreis.</i>	<i>Milreis.</i>
1907	Argus, Oporto.....	50,000	16,000	.....	37,423	11,530
.....	Bonanca, Lisbon.....	.....	305,408	.....	238,782	40,921
1875	Confianca Portuense, Oporto.....	81,000	50,000	.....	76,079	34,432
.....	Douro, Oporto.....	100,000	58,000	.....	544,527	14,448
1835	Fidelidade, Lisbon ^a	67,200	700,727	.....	242,915	53,769
1853	Garantia, Oporto.....	60,000	104,731	.....	93,743	25,145
1871	Indemnizadora, Oporto.....	100,000	222,137	.....	52,238	13,833
.....	Lloyd Portuguez Reinsur., Lisbon ^a	50,000	4,455	.....	22,231	13,012
1902	Popular, Lisbon ^a	30,000	7,000	.....	33,237	4,978
1884	Portugal, Lisbon.....	320,000	64,404	.....	65,917	23,283
1879	Providencia, Lisbon.....	40,000	77,578	.....	538,608	11,373
1881	Probidade, Lisbon.....	60,000	70,000	.....	45,262	18,497
1900	Sociedade Portuguesa, Lisbon ^a	50,000	67,250	.....	61,658	22,951
1877	Tagus, Lisbon.....	500,000	268,467	.....	5108,044	35,036
1871	Tranquilidade Port, Oporto.....	80,000	82,000	.....	56,816	23,733
	SWISS FIRE INSURANCE COS. [25.25 Francs equal £1 sterling.]	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>	<i>Francs.</i>
1863	Baloise, Bale.....	2,000,000	4,422,358	3,863,508	5,519,298	2,624,334
1881	Federale, Zurich.....	1,000,000	705,421	74,000	173,549	105,192
1861	Helvetia, St. Gall.....	2,000,000	7,705,675	2,401,673	4,065,668	1,732,016
1875	Prudentia Reinsurance, Zurich.....	750,000	740,444	3,141,137	16,160,851	3,054,406
1826	Mutuelle Suisse, Berne.....	Mutual	10,769,389	250,330	2,923,968	1,459,312
1898	Nationale Suisse (Rein.), Bale.....	1,000,000	1,079,220	1,802,570	3,422,661	2,071,327
1863	Cie. Suisse Reassurance, Zurich.....	2,500,000	2,940,517	13,324,704	124,328,811	16,228,372
	Cantonal Societies.^a	<i>Mutual</i>	.....	.....	.....	.....
1805	Aargovie.....	Mutual	1,907,649	.....	477,397	207,827
1841	Appenzell Rh. Ext.....	"	4,245,032	.....	108,064	65,905
1833	Bale (Town).....	"	3,536,762	.....	164,660	7,231
1807	Bale (Country).....	"	1,120,469	.....	96,356	80,684
1806	Berne.....	"	10,933,578	.....	1,733,741	948,598
1812	Fribourg.....	"	646,901	.....	111,603	80,044
1811	Glaris (Buildings).....	"	3,251,827	.....	43,924	6,395
1895	Glaris (Furniture).....	"	674,769	.....	14,785	5,773
1810	Lucerne.....	"	1,197,786	.....	457,574	257,702
1810	Neuchatel.....	"	923,620	.....	288,881	108,038
1807	St. Gall.....	"	2,408,430	.....	403,980	187,448
1812	Schaffhouse.....	"	1,508,547	.....	29,388	30,124
1809	Soleure.....	"	1,667,165	.....	181,609	51,173
1806	Thurgovie.....	"	357,412	.....	194,152	87,836
1884	Unterwalden le Bas.....	"	634,211	.....	32,007	177
1811	Vaud (Buildings).....	"	9,986,120	.....	978,914	398,784
1849	Vaud (Furniture).....	"	5,376,544	.....	602,075	153,781
1812	Zoug.....	"	354,415	.....	41,812	14,008
1808	Zurich.....	"	5,000,000	.....	1,183,874	625,300

^a Year ending Dec. 31, 1912. ^b Includes figures of other Branches. ^c Includes Marine figures. ^d Reinsurance figures not deducted. ^e All branches except life.

INSURANCE IN FOREIGN COUNTRIES.

Compiled from consular reports specially furnished The Spectator Company by United States consuls in the countries named, and from other sources.

ALGERIA.

There are at least two domestic companies doing a fire business in Algiers, the Algar Assurances, and the Caisse Centrale Algérienne and Tunisienne. Being a French colony, the statutes covering insurance in Algeria are the same as obtain in France.

ARGENTINE REPUBLIC.

The following is a partial list of the domestic companies operating in the Argentine Republic, together with some information concerning them. In 1911 the domestic companies collected \$758,738 in gold and \$22,014,990 in paper for premiums.

NAME AND LOCATION OF COMPANY.	Manager or Agent's Name in Buenos Ayres.	Year Founded.	Subscribed Capital.	Paid-up Capital.	Classes of Business.
Aurora.....	A. Piaggio.....	.....	\$1,000,000	\$155,000	Fire
America, Buenos Ayres.....	Jose Moreno.....	1887	2,000,000	600,000	Fire, Mar.
Ceres, Buenos Ayres.....	E. Heine.....	.....	1,000,000	.....	Fire
Cordoba, Cordoba.....	R. Ballesteros.....	.....	.....	.....	Fire
El Comercio.....	W. S. Etchart.....	.....	1,108,500	560,000	F., M. & L.
Espana y Rio de la Plata, Buenos Ayres.....	B. M. Hyland.....	.....	.....	.....	Fire
Galicia y Rio de la Plata, Buenos Ayres.....	A. Galzetta.....	.....	.....	.....	Fire
La Agricola, Buenos Ayres.....	A. Ermekiel.....	.....	.....	.....	F. H.
La Bahia Blanca, Bahia Blanca.....	L. Olascoaga.....	.....	1,000,000	500,000	F., M. & L.
La Economia Comercial.....	M. Nunez.....	.....	2,000,000	360,000	F., M. & L.
La Estrella, Buenos Ayres.....	Jose Moreno.....	1865	1,500,000	1,500,000	Fire, Mar.
La Franco-Argentina, Buenos Ayres.....	J. Cadot.....	.....	1,500,000	150,000	Fire, Life
La Hispano-Argentina.....	J. G. Llamazares.....	.....	2,000,000	700,000	Fire
La Imperial, Buenos Ayres.....	M. Buighera.....	.....	600,000	240,000	Fire
La Inmobiliaria, Buenos Ayres.....	E. Gentili.....	.....	2,000,000	1,500,000	F., M. & L.
La Italia, Buenos Ayres.....	David Olivari.....	1892	600,000	300,000	Fire, Mar.
La Positiva, Buenos Ayres.....	Eduardo Castex.....	.....	1,000,000	1,000,000	Fire, Life
La Previsora.....	Carlos Casares.....	.....	500,000	500,000	Fire, Life
La Republica.....	Aug. Canessa.....	.....	1,000,000	300,000	Fire, Acc.
La Rural, Buenos Ayres.....	J. Hosmann.....	.....	1,000,000	.....	Hail & L.
La Union Gremial.....	J. A. Montes.....	.....	500,000	200,000	Fire, Acc.
La Union Mercantil, Buenos Ayres.....	G. E. Junor.....	.....	1,000,000	300,000	Fire
Union Comerciantes, Buenos Ayres.....	J. Iglesias.....	.....	.....	.....	F. H.

In addition to the above list there are native companies as follows: Alanza, Andes, Anglo-Argentina, Cenit, Colonial, Concordia, Continental, Fenix Rosarino, Espano-Argentina, Industrial, Mendoza, Mitre, Mundial, Mutua, Nacion, Perseverancia del Sur, Rio de la Plata, Roma, Tandilense, The River Plate, Union Americana, Royal Nacional.

BAHAMA ISLANDS,

The Nassau Fire and Marine Insurance Company, located at Nassau, N. P., is the only local company in the Bahamas. It has a capital of £25,000, and does a marine business only.

BARBADOS, WEST INDIES.

The statement of the Barbadoes Fire Insurance Company, capital \$216,000, for the year ending July 31, 1913, shows as follows: Total receipts, \$31,736; premium receipts, \$28,534; total expenditures, \$31,736, as follows: Management, \$4,935; losses paid, \$13,829; dividend, \$12,960; total assets, \$416,550. A company called The Economic Fire was incorporated June 15, 1906. Its financial statement as of June 30, 1913, showed: Paid-up capital, \$60,000; total receipts, \$21,455; premium receipts, \$16,460; total expenditures, \$10,583; losses, \$4,180; dividends, \$3,600; expenses, etc., \$2,803; total assets, \$112,125.

AUSTRALASIA.

The following domestic companies doing business in Australasia are governed by the Ordinary Companies Act of the various States, and are subject to stamp duties and fire brigade contributions :

NAME AND LOCATION OF COMPANY.	Chairman of Board of Directors.	Principal Officer.	Class of Business Transacted.	Date of Report.	Capital Subscribed.	Capital Paid up.	Assets.	Reserve Funds, Incl. of Reins. Reserve.	Reserve paid up address.
MELBOURNE.									
Australian Alliance Assurance Co.*	George Lush	Arthur E. Wall	L.F.M.F.G.&A.	Dec. 31, 1913	300,000	150,000	350,042	50,000	14,414
Colonial Mutual Fire (L'd)	V. J. Saddler	Walter Tucker	F., M., F., G.						
Victoria Insurance Company (L'd)	E. Miller, M. L. C.	James A. Haverly	Fire, Marine & Reins.	Sept. 30, 1914	200,005	200,005	401,308	165,000	3,150
Victoria General Ins. and Guar. (L'd)	E. Miller, M. L. C.	F. H. Venman	Reins. F., Guar.	June 30, 1914	179,752	50,180	237,689	147,000	10,799
					80,000	20,000	42,680	13,161	5,900
SYDNEY.									
Australian Mutual Fire (L'd)	Sydney H. Cary	G. H. Pope	Fire	Mar. 31, 1914	120,000	90,000	245,181	136,000	1,385
City Mutual Fire (L'd)*	P. Hogan	Robert Kerr	Fire, Ac.	Dec. 31, 1913	300,000	37,500	95,788	35,000	7,225
Mercantile Mutual (L'd)	W. T. Trickett, M. L. C.	Kelso King	Fire, Guar. & Ac.	June 30, 1914	200,000	70,000	158,166	45,000	8,877
Queensland (L'd)	James Burns	A. McVernon	Fire, Mar. & Ac.	Sept. 30, 1914	150,000	150,000	433,851	190,000	13,759
United (L'd)	Geo. J. Cohen	Thomas M. Tinley	Fire, Marine	Sept. 30, 1914	400,000	120,000	382,759	165,000	23,003
Insurance Office of Australia		W. R. Cave	Fire, Accident	Dec. 31, 1913	165,000	82,500	92,691	.....	92,900
Federal Mutual	Senator Sir Albert J. Gould, V. B.	W. R. Dimond	Fire, etc.	June 30, 1914	148,855	37,214	42,364	2,617	.....
WESTERN AUSTRALIA.									
Western Australian (L'd), Perth		S. G. Hill	Fire, Marine	June 30, 1914	80,000	40,000	41,067	.....	868
TASMANIA.									
Derwent & Tamar (Hobart)*	C. E. Walch	E. A. Reid	F., M.	Oct. 31, 1914	100,000	50,000	133,882	52,500	4,518
Mut. Fire of Tasmania (Ld)† Launceston	Jas. Barclay	Alfred George Scott	Fire	Sept. 30, 1914	187,500	37,500	80,157	35,414	3,065
NEW ZEALAND.									
Farmers Co-operative F. & M. Ins. Ass'n of Canterbury (L'd), Christchurch		Robt. W. Brown	Fire, Marine	June 30, 1914	76,002	49,861	81,436	26,000	.....
Nat. Insurance Co., of New Zealand (L'd), Dunedin		H. E. Williams	Fire, Marine	Sept. 30, 1914	1,000,000	100,000	512,473	348,000	29,573
New Zealand, Auckland	T. W. Kempthorne	James Buttle	Fire, Mar. & Ac.	Nov. 30, 1913	1,500,000	450,000	1208,627	482,000	22,130
South British Ins. Co. (L'd), Auckland	S. Thorne George, M. L. C.	P. H. Upton	Fire, Mar. & Ac.	Aug. 31, 1914	1,000,000	300,000	942,669	460,000	37,060
Standard F. & M. of N.Z. (L'd), Dunedin	Thos. Ferguson	Arthur H. Fisher	Fire, Marine	Dec. 31, 1913	1,000,000	75,000	229,370	131,500	8,176

* Owned by the London and Lancashire. † Owned by Royal Insurance Company. ‡ Amount of appropriations (including a bonus on certain premiums) and undivided profit balance not stated. § Debit balance. α Managing Director.

BERMUDA.

There is one domestic company transacting business in Bermuda, the Bermuda Fire and Marine, established in 1903.

BRITISH GUIANA.

There are two domestic fire insurance companies in Georgetown, British Guiana, The British Guiana Mutual Fire, Ltd., and the Hand-in-Hand Mutual Guarantee Fire, Ltd.

The following is a statement of each company as of June 30, 1914: British Guiana, assets, \$730,358, premiums, \$74,784; losses, \$94,468; Hand-in-Hand assets, \$1,384,880; premiums, \$131,990; losses, \$168,193. The British Guiana Mutual insures property outside of the colony, and also has power to effect and take reinsurance.

BRAZIL.

Below will be found a list of domestic fire and marine insurance companies in Brazil in 1915 with a paid-up capital of Rs. 1,000,000\$000 (\$323,650) or more.

NAME	LOCATION	PAID-UP CAPITAL
Argos Fluminense.....	Rio de Janeiro.....	Rs. 1,500,000\$000 (\$485,480)
Providente	Rio de Janeiro.....	Rs. 1,000,000\$000 (\$323,650)
Allianca	Belem, Para.....	Rs. 1,000,000\$000 (\$323,650)
Amazonia	Belem, Para.....	Rs. 1,000,000\$000 (\$323,650)
Lealdade	Belem, Para.....	Rs. 1,000,000\$000 (\$323,650)
Lloyd Paraense.....	Belem, Para.....	Rs. 1,200,000\$000 (\$388,380)
Seguranca.....	Belem, Para.....	Rs. 1,997,800\$000 (\$646,590)
Allianca.....	S. Salvador, Bahia.....	Rs. 1,716,000\$000 (\$555,385)

Domestic fire and marine insurance companies in Brazil in 1915. Located in Rio de Janeiro: Argos Fluminense, Brazil, Confiança, Equitativo dos Estados Unidos do Brazil, Garantia, Indemnizadora, Integridade, Lloyd Americano, Minerva, Uniao dos Proprietarios, Providente, Uniao Commercial dos Varegistas. Located in Belem, Pará: Alliança, Amazonia, Brazil Seguradora e Edificadora, Commercial, Lealdade, Lloyd Paraense, in Recife, Pernambuco: Amphitrite, Indemnizadora, Iris, Phenix Pernambucana. Located in S. Salvador, Bahia: Alliança, Interesse Publico. Located in S. Paulo, S. Paulo: Brazileira de Seguros, Paulista. Located in Pelotas, Rio Grande do Sul: Pelotense. Located in Porto Alegre, Rio Grande do Sul: Phenix de Porto Alegre, Porto Alegrense. Sul Brazil, Uniao. Located in Rio Grande, Rio Grande do Sul: Rio Grandense.

There are no American fire companies operating in Brazil.

CAPE COLONY.

The following are the domestic fire companies in Cape Colony: African Mutual Trust and Assurance Company, Ltd., Malmesbury; Guardian Assurance and Trust Company, Port Elizabeth; Federal Insurance Company of South Africa, Cape Town.

CHILI.

A bill affecting foreign fire insurance companies transacting business in Chili was passed by the National Congress, and went into effect in December, 1905. The bill divides fire companies into first and second class; those with a capital of 500,000 pesos (\$182,500) and more belong to the former, and those with a capital of less than that sum to the latter. In estimating the capital of a company the reserve and accumulated funds will be considered as capital. Fire companies of the first class will be required to deposit 300,000 pesos (\$109,500) and those of the second class 200,000 pesos (73,000). Companies insuring against maritime and agricultural risks exclusively will be required to deposit 50,000 pesos

(\$18,250). The deposits may be invested in unencumbered real estate in Chili, in currency or sterling, or in bonds of institutions accepted by the President of the Republic.

NAME AND LOCATION OF COMPANY.	Manager's Name.	Year Founded	Subscribed Capital.	Paid-up Capital.	Classes of Business Transacted.
			<i>Pesos.</i>	<i>Pesos.</i>	
Alemana, Santiago.....	Alberti Villegas....	1900	2,000,000	200,000	Fire and Marine
Alianza Chilena, Valparaiso.....	Alfred Faz.....	1906	.....	.....	.....
America, Valparaiso.....	D. Alejan. Carvallo.	1861	2,000,000	200,000	Fire and Marine
Central, Valparaiso.....	O. Carvallo.....	1900	2,000,000	200,000	Fire and Marine
Chilena Consolidada, Valparaiso..	Alfredo Faz.....	1853	2,000,000	200,000	Fire and Marine
Christoforo Colombo, Iquique.....	A. Molino.....	1892	1,000,000	100,000	Fire and Marine
Comercial, Valparaiso.....	Alfredo Carvallo..	1899	2,000,000	100,000	Fire and Marine
Espanola, Valparaiso.....	R. Ugarte.....	1898	2,000,000	100,000	Fire and Marine
Francesa, Santiago.....	J. N. Orrego S.....	1899	2,000,000	200,000	Fire and Marine
Franco-Chilena, Valparaiso.....	Eduardo G. Romby..	1905	1,000,000	400,000	Fire and Marine
Iberia, Valparaiso.....	L. Lyon.....	1900	2,000,000	250,000	Fire and Marine
Internacional-Chile, Valparaiso...	Roberto Barroilhet.	1901	5,000,000	500,000	Fire and Marine
Italia, Valparaiso.....	C. Mori.....	1899	2,500,000	250,000	Fire and Marine
Mutual, Iquique.....	A. Molino.....	1894	1,289,600	64,480	Fire
Nacional, Valparaiso.....	Luis Davila Larrain	1883	2,000,000	125,000	Fire and Marine
Nueva Espana.....	P. Hernandez.....	1900	2,000,000	200,000	Fire and Marine
Protectora, Valparaiso.....	Gmo. Plummer.....	1885	2,000,000	100,000	Fire and Marine
Republica, Santiago.....	Rodolfo Salinas....	1904	.....	.....	.....
Salvadora, Santiago.....	Dr. Riosco.....	1902	1,000,000	100,000	L., F. & Marine
Santiago, Santiago.....	Guillermo Mackenna	1858	2,000,000	200,000	Fire and Marine
Union Chilena, Santiago.....	Joaquin Errazuriz..	1858	2,000,000	200,000	Fire and Marine

CHINA.

The following is a list of Chinese marine insurance companies, with their location, capital and agents' names: Fung Hing Hong & Company, Man On, Hong Kong, \$1,000,000; Ching Yuen Hong, Po On, Hong Kong, \$800,000; Chun On, Hong Kong, \$1,000,000; Khean Guan, Penang, \$1,200,000; Yun Cho Ho, Shanghai, taels 1,000,000, China Merchants Steam Navigation Company.

Other domestic companies are: Canton Insurance Office, Ltd.; China Merchants, Ltd.; China Fire, Ltd.; Hong Kong; Hong Kong Fire; Hong Kong and Manilla Yuen Sheng; I On Marine and Fire; Tung On Fire; Union, Canton; Yik Tong Lin Fire and Marine; Yan On Marine and Fire; Man On, Po Wa, Yangtze, Chun On, Luen On, Lai On Fire and Marine; Lun Yick, Fire and Marine. Companies located in Shanghai: Shanghai, Ltd.; Yi Tung Fire, Marine and Life; Fook On Insurance Company; Wah Tung Fire and Marine Insurance Company, Ltd.; China Union Insurance Company, Ltd.; Yuen On Insurance, Exchange, Loan and Godown Company, Ltd.

The Firemans Fund has an agency in Shanghai with the China and Japan Trading Company, W. A. Kirschstein, insurance manager; and in Hong Kong with Shewan Tomes & Co., Hugh F. Campbell, insurance manager. The Yang-Tsze Insurance Company represents at Shanghai the Insurance Company of North America of Philadelphia.

COSTA RICA.

There is one domestic fire insurance company, with head offices at San José, named the Cia Nacional de Seguros. The general manager is Felix Wiss.

CUBA.

There is but one local fire insurance company, "El Iris," located in Havana. This is a mutual which was established in 1855. Foreign fire companies have to deposit security with the government to the amount of \$75,000.

EGYPT.

There is one Egyptian fire insurance company, the National Insurance Company of Egypt, established at Alexandria in 1900. Jean C. Sevastopoulo is the managing director of the company.

GIBRALTAR.

There is but one domestic company—the Rock Insurance Company, established 1841.

GREECE.

There are but two domestic companies operating in Greece, namely, the National (Ethniki) and the Anatole (Orient). The Athens agent of the first-named company is G. Serbos; the agent for the Anatole is G. Constantinides.

INDIA.

The following domestic companies operate in India: All India United, Bombay; Asiatic Fire; Eastern, Ltd.; Indian Mercantile, Bombay; East and West, Bombay; Bharat Insurance Company; Empress; Hindustan Co-operative, Calcutta.

JAMAICA, WEST INDIES.

There is one domestic fire company operating in Jamaica, the Jamaica Co-operative Fire, Ltd., and one domestic marine company, the Jamaica Marine, Ltd., Kingston. The Queen of New York is the only American fire company operating on the island.

JAPAN.

The following are the domestic fire companies in Japan: Tokyo, Meiji, Nippon, Oca, Otaru Kamotsu, Kokohama, Kyodo, Tomei, Naniwa, Fukuju, Toho, Nisshin, Toyo, Toyokuni, Teikoku, Transit and Bond, Nippon Dosan. Marine: Tokyo, Teikoku, Nippon, Kobe, Toyo.

JAVA.

The following are the domestic companies in Java: The Java Fire Insurance Company of Batavia; Insulinde, Batavia; Fire Insurance de Oesterling, Batavia; Java Sea and Fire, Batavia; Batavia Sea and Fire, Batavia; Colonial Sea and Fire, Batavia; Assur. Maatschappij; Ned. Ind. Zee en Brand; Javasche Zee en Brand; "Nederlandsche Indie" Brandverzekering; Nederl. Ind. Brand Waarborg; Brand-Assurantie "Insulinde"; Brand Assurantie Maats, "Ardjoeno" of Soerabaija; Brand-verzekering Maats, "Kalimas" of Soerabaija; Brand-verzekering Maats, "Veritas" of Soerabaija; Algemeene Brandwaarborg Maatschappij, Amsterdamsche Brandassurantie Compagnie, Assurantie Mattschappij de Nederlanden, all of Samarang; Brand-verzekering Maatschappij "Holland," of Batavia.

MADEIRA ISLANDS.

There are only two domestic companies operating in the Madeira Islands, The Allianca Madeirense of Funchal, established in 1891, and the Garantia Funchalense, established in 1911.

MALTA.

There are no domestic companies in Malta. Foreign fire companies operating on the Island are: Assicurazioni. Generali di Trieste; Commercial Union, London; North British and Mercantile, London; Northern, London; Le Phenix Autrichien, L'Union Fire, Paris, and L'Urbana of Italy.

MEXICO.

A list of the domestic companies operating in Mexico comprises: Anglo-Mexicana, Latino-Americano, Mexicana, Nacional.

MOROCCO.

There are no domestic fire companies. Foreign fire companies operating here are: La Confiance, Paris; L'Union, Paris; Liverpool and London and Globe, Liverpool; Lloyds, London; Royal, Liverpool; Northern, London; Consolidated, London; Royal Exchange,

London; El Dia, Madrid; La Union y et Phoenix Espanol, Madrid; Hamburg-Bremen Fire, Hamburg; Aachen and Munich Fire, Aix la Chapelle Assecurayioni Generali di Trieste.

PANAMA.

The Compania Internacional de Seguros of Panama, as of December 31, 1912, reported \$2,179,902 (gold) of assets; a capital stock of \$2,000,000, and a profit balance of \$71,466. and interest in 1914 was \$182,127; losses, \$38,724; expenses, \$20,531.

PARAGUAY.

The domestic companies doing business in Paraguay from head offices at Asuncion are: La Paraguaya and La Nacional.

PERU.

There are nine domestic companies in Peru—the Internacional del Peru, Italia, Rimac, La Urbana, La Nacional, La Popular, Peru, El Porvenir, and La Previsora. The Internacional del Peru does a large business and has a reserve fund of about \$300,000. Insurance companies are taxed five per cent on their net profits, and all are required to publish their balances monthly in one of the daily papers. Governmental supervision of their books is effected by a special official designated for the purpose, the Inspector de Seguros, who examines their books twice a year.

TURKEY.

There is only one domestic fire company at Constantinople, the Societe Generale d'Assurances Ottomanes. Many foreign companies operate in Turkey.

URUGUAY.

The following domestic companies are doing business in Uruguay: La Previsora Uruguay, La Providencia, La Uruguaya and La Mutua.

VENEZUELA.

There is one domestic fire and marine insurance company, with headquarters at Caracas, the Compania Venezolana de Seguros, with a capital of 550,000 bolivars and a reserve fund of 131,219 bolivars. The company reinsures its risks in the Lloyds Syndicate (London), the Guardian Assurance and the British Dominions Marine. A marine company, the Seguros Maritime de Maracaibo, with head offices at Maracaibo, does a marine business. Its capital is 500,000 bolivars. A bolivar is equal to about twenty cents, United States currency. There is a new domestic company styled the Compania Nacional Anonima de Seguros La Previsora. Its last statements give the capital at Bs. 6,000,000; reserve Bs. 48,124, and balance Bs. 27,000. It writes life endowment, fire and marine insurance.

INSURANCE IN AMERICAN DEPENDENCIES.

CANAL ZONE.

The only active fire insurance company is the Compania Internacional de Seguros of Panama.

HAWAIIAN ISLANDS.

The following-named fire, fire marine and marine companies are duly authorized and licensed to transact business in the Hawaiian Islands: Aachen and Munich, Aix-la-Chapelle, Aetna, Hartford; Agricultural, Watertown; Allianz, Berlin; Alliance, Harrisburg, Pa.; American Central, St. Louis; Atlas, London; American and Foreign Marine, New York; British America, Toronto; British and Foreign Marine, Liverpool; Caledonian, Edinburgh; California, San Francisco; Camden Fire, Camden, N. J.; Citizens, St. Louis;

Canton Marine, Hong Kong; Commercial Union, London; Equitable Fire and Marine, Providence, R. I.; Federal, Jersey City; Firemans Fund, San Francisco; Fire Association, Philadelphia; Girard Fire and Marine, Philadelphia, Pa.; General, Perth; German Alliance, New York; German-American, New York; German-Lloyd, Berlin; Hamburg-Bremen, Hamburg; Globe and Rutgers, New York; Guardian, London; Home Insurance Company of Hawaii, Ltd., Honolulu, Hawaii; Hartford Fire, Hartford; Insurance Company of North America, Philadelphia; Law Union and Rock, London; Liverpool and London and Globe, Liverpool; London Assurance, London; London and Lancashire, Liverpool; Magdeburg Fire, Magdeburg; Michigan Commercial, Lansing; Munich Reinsurance, Munich; National, Hartford; National Union, Pittsburg; New Zealand, Auckland; Niagara, New York; North British and Mercantile, London; Northern, New York; Northern, London; Norwich Union; Norwich; Nippon Fire, Tokyo; Orient, Hartford; Palatine, London; Phoenix, Hartford; Phoenix, London; Providence Washington, Providence; Providentia, Wien; Prussian National, Stettin; Queen of America, New York; Royal, Liverpool; Scottish Union and National, Edinburgh; Springfield Fire and Marine, Springfield; St. Paul and Marine, St. Paul; Sun, London; Svea Fire and Life, Gothenburg; Switzerland General, Zurich; Thames and Mersey, Liverpool; Tokio Marine; Union, London; Union Marine, Liverpool; Vulcan, New York; Westchester, New York; Western, Toronto; Yorkshire Fire and Life, York.

PHILIPPINE ISLANDS

The following-named companies are doing business in the Philippine Islands: Aachen and Munich Fire, Aix la Chappelle (Germany); Albingia, Germany; Alliance, London; Atlas, London; British Dominions General, Great Britain; British and Foreign Marine, Baloise, Basle; Commercial Union, London; Central, London; Canton Insurance Office, China Traders, Continental, Mannheim; China Fire, Confidance Fire, Paris; Essex and Suffolk Equitable, England; East India Sea and Fire; Netherland Lloyds, Feuer Assecuranz, Germany; Fook On Assc., and Godown Company, Ltd.; Federal Fortuna General, General Accident, Fire and Life; Fortuna Allegemeine, Germany; Guardian, German Lloyds, General Marine, Dresden; Hansa, Germany; Hamburg-Bremen Fire, Hong Kong Fire, Hamburg, Hamburg; Yan On Marine and Fire, Imperial Marine, Insurance Company of North America, Yangtze; I On Marine and Fire, International Lloyd, Germany; Law Union and Rock, Lloyd Andaluz, Liverpool and London and Globe, Liverpool-Victoria, Great Britain; Lloyds Underwriters, London and Lancashire, London Assurance, Magdeburg Fire, Mannheim; Marine, Great Britain; London and Midland, England; Mercantile Fire, Canada; North German Fire, National Union Society; North British and Mercantile, Northern, North China; Netherlands Fire and Life, Norwich Union Fire, Ocean Marine, Great Britain; Po on Marine Insurance and Godown, Phoenix Assurance, Palatine, Prussian National, Royal, South British Fire and Marine, State, Samarang Sea and Fire, Scottish Union and National, Sun Insurance Office, Triton, Standard Marine, Great Britain; Tokio Marine, Union Assurance Society, Union Fire, Paris; Union, Canton; Union Marine, Western, Toronto; World Marine, Yorkshire Fire and Life, Yan On Insurance Exchange, Loan and Godown, L'Urbaine Fire, Meiji, Compania de Seguros "Filipinas"; Allianz, Berlin; Nord Deutsche, Hamburg; West of Scotland, National General, British Crown, Seguros Maritimos, Northwestern, Yik Tong Ling, Globus, Maritime, Property, Employers Liability, Patriotic, United Rhenish, Lloyds Personal Baggage, Thames and Mersey.

PORTO RICO.

The fire insurance business in Porto Rico is mostly limited to towns of fair size, and those are few in number. The losses are very slight, and consequently the rates are low, with the exception of Santurce, where nearly all the dwellings are frame and pay higher rates. The following-named companies operate in Porto Rico: Aachen and Munich, Aix-la Chappelle; Atlas, London; Baloise, Basle; British-America, Toronto; British and Foreign Marine, Liverpool; Commercial Union, London; Guardian, London; Hamburg-

Bremen, Hamburg; Liverpool and London and Globe, Liverpool; London and Lancashire Fire, Liverpool; L'Union de Paris; Magdeburg, Magdeburg; Mannheim, Mannheim; Nord Deutsche, Hamburg; Norwich Union, Norwich; Northern, London; North British and Mercantile, London; Palatine, London; Phoenix, London; Prussian National, Stettin; Royal, Liverpool; Western, Toronto; Royal Exchange, London; Yorkshire, York.

SAMOA.

There are no domestic insurance companies in Samoa. Although all buildings are of wood, there are but four agencies, and the total insurance in force aggregates only about 1,500,000 marks, rates ranging from two to three per cent. The following fire insurance companies are represented by local agents: Commercial Union, London, T. Trood; Palatine, London, Deutsche Samoa Gesellschaft; Hanseatische Fire, G. W. Partsch. Other companies doing business in Samoa, but not represented by local agents, are the following: Norddeutsche Feuer Versicherungs Gesellschaft, Hamburg; Feuer Assecuranz Compagnie von 1877, Hamburg, Aachen and Munich, Aix-la-Chapelle; Magdeburger Feuer Verischerungs Gesellschaft, Magdeburg; North British and Mercantile, London; Hamburg-Bremen Feuer Verischerungs Gesellschaft, Hamburg; Sueddeutsche Feuer Verischerungs Gesellschaft; Svea, Gothenburg; Transatlantische Feuer Versicherungs Actien-Gesellschaft, Hamburg.

Marine Insurance.—The following company is represented by agents in German Samoa: Mannheimer, Mannheim, G. W. Partsch, Samoa. Edgar Reid, Pago Pago and Apia, represents the Queensland of Sydney, Lloyds of London, and the Union of Liverpool. The following companies transact business on cargoes to and from Samoa and among the islands: Norddeutsche, Neptunus Marine, Assecuranz Union von 1865, Nordwestdeutsche, Neue 5 te Assecuranz, Neue 8 te Assecuranz, Swiss Marine (combined), Allgemeine See.

NEW FIRE AND MARINE INSURANCE COMPANIES OF THE UNITED KINGDOM.

REGISTERED BETWEEN JANUARY 1 AND DECEMBER 31, 1914.

TITLE OF COMPANY.	OBJECTS.	DATE.	NOMINAL CAPITAL.
<i>Registered in England.</i>			
British Fishing Vessels, War Risks..	Marine and (incidentally) Employers' Liability.	Aug. 24	Guarantee of £5 per ship or per memb.
Dolphin.....	Marine and Miscellaneous.....	Apr. 8	£1,000 in £1 shares.
Globe Re-insurance.....	Re-insurance (all kinds except Marine).	Mar. 23	£100 in £1 shares.
Lambert Brothers (Insurance).....	Marine and Miscellaneous.....	Dec. 23	£50,000 in £1 shares.
Nautilus.....	Marine and Miscellaneous.....	July 8	£20,000 in £1 shares.
Somerset Mutual.....	Fire.....	June 18	Guar. of £10 per memb.
Timber Trade Federation Mutual..	Fire.....	July 7	Guar. of £10 per memb.
White Cross.....	Motor, Fire, Marine, Acc., Emp. Liab., and all kinds excepting Life and Bond Investment.	Sept. 21	£101 in £1 shares.
<i>Registered in Scotland.</i>			
Home and Foreign Re-insurance....	Re-insurance (all kinds).....	Aug. 25	£50,000 in £1 shares.
Strath Steamships Mutual.....	Marine.....	Aug. 17	Guarantee.

INSURANCE WRITTEN AND IN FORCE IN CANADA. FIRE RISKS.

NAME OF COMPANY.	YEAR ENDING DECEMBER 31, 1914.		YEAR ENDING DECEMBER 31, 1913.	
	Risks Written.	Risks in Force.	Risks Written.	Risks in Force.
<i>Canadian Companies.</i>				
Acadia Fire.....	\$ 18,326,431	\$ 17,457,407	\$ 19,084,940	\$ 15,565,588
Anglo-American.....	21,469,043	33,583,396	29,544,283	32,070,226
Beaver Fire.....	4,605,656	1,352,095		
British America.....	73,780,407	86,441,952	66,139,919	79,642,640
British Colonial.....	128,710,954	124,243,187	7,145,533	3,791,509
British Northwestern.....	5,593,064	5,398,474	6,396,634	5,308,622
Canada National.....	22,152,139	20,091,713	18,139,052	15,289,507
Canadian Fire.....	28,555,652	34,925,809	30,266,161	34,658,385
Central Canada Manufacturers.....			8,807,127	3,195,844
Dominion Fire.....	28,158,802	32,534,789	33,110,208	35,369,892
Equity Fire.....	†.....	†.....	20,756,770	24,555,646
Factories.....	34,445,750	27,217,225	25,466,261	13,651,606
Hudson Bay.....	9,922,357	10,152,396	19,039,543	8,762,682
Imperial Underwriters.....	10,528,108	9,021,125	4,713,255	5,683,894
Liverpool-Manitoba.....	39,478,395	46,099,895	44,118,027	43,062,348
London Mutual.....	72,959,675	87,932,080	74,887,473	83,341,061
Mercantile.....	25,390,361	30,568,902	24,221,207	28,354,028
Montreal-Canada.....	14,536,123	21,916,513	17,703,809	21,213,373
Mount Royal.....	47,141,384	41,924,623	32,868,835	32,444,343
North Empire Fire.....	11,033,400	7,348,835	11,060,712	6,483,375
North West Fire.....	14,163,792	13,718,229	11,920,235	11,059,745
Occidental Fire.....	5,874,485	9,857,483	8,567,200	10,173,787
Ontario Fire.....				13,347,643
Pacific Coast Fire.....	12,243,156	11,206,634	14,346,644	14,827,448
Quebec.....	28,001,652	32,929,355	27,047,677	29,801,317
Rimouski.....			28,825,327	26,782,231
Western.....	106,468,591	96,456,864	127,975,064	86,065,467
Totals.....	663,539,377	702,378,981	712,651,986	684,502,207
<i>British Companies.</i>				
Alliance.....	26,155,118	37,241,307	26,292,290	36,380,942
Atlas.....	48,149,735	66,698,031	48,409,914	65,333,540
Caledonian.....	45,463,173	65,036,478	44,537,172	60,704,714
Commercial Union.....	102,738,333	120,436,467	108,740,830	121,074,481
Employers Liability.....	35,333,456	35,129,147	26,760,261	25,422,722
General Accident Fire and Life.....	29,702,725	31,563,372	26,793,181	28,834,201
Guardian.....	86,567,723	109,361,676	75,880,062	94,948,042
Law Union and Rock.....	28,687,972	34,194,413	23,996,457	29,195,246
Liverpool and London and Globe.....	142,723,265	175,113,490	146,779,869	166,215,399
London and Lancashire.....	83,550,996	89,261,618	67,595,747	83,388,424
London Assurance.....	31,718,697	42,389,270	29,806,849	38,343,693
North British and Mercantile.....	96,286,336	126,128,108	95,293,121	119,912,445
Northern.....	67,398,717	85,797,547	64,060,095	77,161,607
Norwich Union.....	73,606,390	97,893,694	70,745,247	92,006,334
Palatine.....	25,645,785	24,535,537	22,230,422	18,401,340
Phoenix, London.....	97,927,950	121,769,909	97,357,090	113,487,356
Provincial.....	7,811,504	6,562,541	5,452,989	5,252,003
Royal.....	146,814,153	196,470,172	134,062,397	176,776,267
Royal Exchange.....	47,006,381	51,551,061	43,337,878	43,794,312
Scottish Union and National.....	39,592,727	53,648,090	36,611,259	49,125,683
Sun.....	44,282,491	59,929,237	39,458,842	53,091,592
Union Assurance.....	53,383,634	60,114,017	50,574,975	56,908,638
Yorkshire Fire and Life.....	37,653,674	45,361,938	34,149,047	39,858,214
Totals.....	1,398,200,935	1,736,187,120	1,318,925,094	1,595,617,195

*Includes business of the Manitoba. †Includes business of the Central Canada. ‡Reinsured in National-Ben Franklin.

INSURANCE WRITTEN AND IN FORCE IN CANADA—Continued.

NAME OF COMPANY.	YEAR ENDING DECEMBER 31, 1914.		YEAR ENDING DECEMBER 31, 1913.	
	Risks Written.	Risks in Force.	Risks Written.	Risks in Force.
<i>American and other Companies.</i>				
<i>Etna</i>		\$	\$	\$
American.....	33,788,700	41,936,181	27,909,154	35,909,673
American Central.....	5,023,310	3,741,066	5,530,454	4,174,324
American Lloyds.....	29,155,885	9,912,911	21,439,949	6,542,189
California.....	5,345,409	4,529,394	4,021,412	3,425,481
Connecticut.....	3,108,615	2,614,293	1,842,278	1,932,273
Continental.....	11,889,902	14,192,590	11,685,553	14,691,623
Equitable F. & M.....	36,602,722	36,437,614	30,481,324	33,294,546
Fidelity-Phenix.....	13,119,287	2,904,514	5,566,835	1,752,726
Firemans Fund.....	37,744,470	38,834,766	36,065,570	38,932,293
Firemans.....	13,905,679	7,457,948	9,715,062	6,302,680
General Fire, Paris.....	6,781,023	10,888,973	8,087,939	8,998,265
German-American.....	10,441,004	8,257,099	11,168,525	9,011,896
Germania.....	92,760,014	59,893,791	65,806,737	58,535,600
Glens Falls.....	5,378,248	5,764,589	4,748,700	4,946,494
Globe & Rutgers.....	10,892,732	10,988,982	307,430	307,430
Hartford Fire.....	14,447,534	9,663,525	.....	.....
Home, New York.....	111,611,996	137,877,031	93,779,787	107,994,462
Insurance Company of North America.....	95,506,363	102,007,914	76,242,424	70,942,107
Insurance Company of the State of Pennsylvania.....	47,006,449	55,542,253	43,977,172	50,690,704
Lumber Ins. Co., New York.....	15,083,672	13,598,990	13,993,302	12,229,759
National Ben Franklin.....	7,511,560	5,161,437	8,378,693	5,540,217
National Fire.....	26,768,010	20,761,297	.....	.....
National Union.....	85,679,369	74,944,483	77,216,620	61,845,104
Nationale.....	22,190,089	21,987,589	20,911,650	18,825,922
Niagara.....	11,187,317	8,520,546	.....	.....
Northwestern National.....	16,538,612	16,061,492	14,263,179	13,728,509
Phoenix, Hartford.....	13,485,063	12,880,234	17,688,630	10,481,715
Providence Washington.....	48,347,747	54,974,452	52,862,596	60,741,188
Queen of America.....	19,631,625	17,910,534	16,173,195	14,221,416
Springfield Fire and Marine.....	57,315,877	75,067,961	55,326,806	70,786,550
St. Paul Fire and Marine.....	71,730,495	62,460,904	49,702,557	40,067,864
Union Assurance of Paris, France.....	22,725,149	25,724,234	21,103,584	21,664,659
Westchester Fire.....	19,994,372	22,670,669	18,405,093	17,992,320
Totals.....	14,923,476	13,870,510	12,976,685	10,418,635
Grand totals.....	1,037,711,865	1,010,040,786	837,438,895	816,928,624
	3,099,452,177	3,448,606,887	2,869,015,975	3,097,048,026

MONTHLY FIRE LOSSES IN CANADA.

The fire losses in Canada, by months, for the last five years, as compiled by The Monetary Times, are presented below:

MONTHS.	1910	1911	1912	1913	1914
January.....	\$1,275,246	\$2,250,550	\$3,002,650	\$3,913,385	\$2,796,312
February.....	750,625	941,045	1,640,153	2,037,386	2,920,749
March.....	1,078,253	852,380	2,261,414	1,710,756	2,660,666
April.....	1,717,237	1,317,900	1,355,055	1,470,622	1,916,235
May.....	2,735,536	2,564,500	2,251,815	2,123,868	1,935,516
June.....	1,500,000	1,151,150	4,229,412	3,069,446	1,267,416
July.....	6,386,674	5,384,300	1,741,371	2,579,698	2,033,139
August.....	1,667,270	920,000	1,164,760	3,034,775	2,921,379
September.....	894,125	1,123,550	883,949	1,468,324	1,356,281
October.....	2,195,781	580,750	1,416,218	1,383,572	1,326,565
November.....	1,943,708	1,506,500	1,184,010	2,200,486	1,524,932
December.....	1,444,860	2,866,950	1,769,905	1,354,300	1,661,822
Totals...	\$23,593,315	\$21,459,575	\$22,900,712	\$26,346,618	\$24,321,012

FIRE INSURANCE COMPANIES IN CANADA.

The following tables present a comparative exhibit of receipts and disbursements for 1913 and 1914, together with the capital, assets, liabilities and surplus at the end of each year, of all fire insurance companies doing business in the Dominion of Canada:

NAME AND LOCATION OF COMPANY, WITH NAMES OF OFFICERS.	Year.	Capital Subscribed for.	Capital Paid up.	Total Assets.	Total Liabilities Except Capital.	Net Surplus.	Net Cash Premiums Received.	Interest and Other Receipts.	Total Cash Income.	Paid for Losses.	Paid for Dividends.	Expenses.	Total Disbursements.
<i>Canadian Companies.</i>													
ACADIA FIRE, Halifax, N. S. C. C. Blackadar, Pres. R. K. Elliot, Sec.	1914 1913	\$400,000 400,000	\$400,000 400,000	\$708,475 738,436	\$196,732 210,304	\$111,743 128,132	\$142,580 147,049	\$34,596 34,130	\$180,156 181,179	\$89,827 80,343	\$24,000 24,000	\$68,536 67,004	\$182,363 171,347
ANGLO-AMERICAN, Toronto, Ont. E. E. A. DuVernet, Pres.; J. W. Ruth- erford, Sec.; H. H. Beck, Mgr.	1914 1913	274,680 274,680	76,876 142,760	293,622 334,611	214,404 231,276	2,412	219,938 205,014	4,589 6,698	224,527 211,712	125,172 131,705	..... .....	90,701 74,409	215,873 206,114
BEAVER FIRE, Winnipeg, Man. W. J. Christie, Pres.; A. de Jardin, Sec.	1914 1913	300,500 300,500	120,200 105,175	166,610 112,983	26,911	19,498 7,808	29,334	5,820 15,453	35,154 15,453	446 .....	..... .....	7,356 10,203	7,802 10,203
BRITISH AMERICA, Toronto, Ont. Hon. Geo. A. Cox, Pres.; E. F. Garrow, Sec.; W. B. Meikle, Gen. Mgr.	1914 1913	1,400,000 1,400,000	1,399,030 1,399,030	2,256,132 2,300,080	1,621,163 1,618,757	..... .....	1,956,047 1,873,314	64,205 62,196	2,020,253 1,935,510	1,266,148 1,006,484	19,250 38,500	759,410 748,966	2,044,808 1,793,950
BRITISH COLONIAL, Montreal. C. E. Dubord, Pres.; T. Meunier, Sec.; and Mgr. Dir.	1914 1913	1,000,000 1,000,000	170,350 170,000	269,136 185,520	209,733 48,079	..... .....	198,199 33,796	6,351 24,541	204,480 58,337	26,494 11,000	..... .....	116,747 55,072	143,241 66,072
BRITISH NORTHWESTERN, Winnipeg, Man. Edward Brown, Pres.; F. K. Foster, Man. Dir.	1914 1913	579,680 579,680	232,407 215,661	289,558 285,103	56,408 44,726	743 24,715	46,321 53,481	11,818 17,609	58,139 71,090	38,822 19,619	9,459 6,723	32,286 23,977	80,577 50,319
CANADA NATIONAL, Winnipeg, Man. Capt. Wm. Robinson, Pres.; T. S. English, Sec.-Treas.; W. T. Alexan- der, Managing Director.	1914 1913	2,055,400 2,055,400	1,327,460 1,057,307	1,840,053 1,494,887	261,372 187,975	251,220 249,605	190,437 131,416	95,296 86,852	285,733 218,268	93,002 49,756	28,915 None.	105,983 96,991	227,900 146,747
CANADIAN FIRE, Winnipeg. James H. Ashdown, Pres.; C. S. Riley, Mgr.; R. T. Riley, Vice-Pres.	1914 1913	500,000 500,000	500,000 500,000	1,246,786 1,169,794	266,986 288,711	449,800 381,083	286,347 391,699	53,436 49,111	339,784 350,809	126,366 134,275	50,000 50,000	100,014 98,333	276,380 282,668
DOMINION FIRE, Toronto, Ont. Robt. F. Masie, Pres. Ned W. Renwick, Sec.	1914 1913	504,100	208,060 186,260	329,452 256,477	239,072 207,041	..... .....	213,769 264,599	23,535 8,734	237,304 273,333	156,371 180,416	..... .....	80,876 106,357	237,247 286,773
EQUITY FIRE, Toronto. Hon. Thomas Crawford, M. P. P., Pres. Wm. Greenwood Brown, Sec. and Mgr.	1914 1913	..... .....	224,502 193,697	41,679 236,280	79,975 145,979	..... .....	-15,609 160,747	4,705 30,358	-10,904 191,105	87,921 128,649	None. None.	57,868 100,345	145,789 228,594

1914	166,000	337,165	214,789	22,376	284,286	4,610	288,896	149,852	.....	97,892	247,737
1913	166,000	294,949	197,585	.....	110,467	4,067	114,534	47,801	None.	86,068	107,861
1914	882,500	365,508	102,828	74,600	87,868	12,666	100,534	53,318	7,198	78,992	138,508
1913	.....	384,136	101,787	94,269	391,997	17,897	409,694	273,166	15,010	129,757	417,933
1914	447,000	249,702	72,381	66,844	95,208	18,077	108,085	41,933	.....	34,878	76,811
1913	447,000	255,928	49,999	95,454	56,855	64,007	120,862	20,300	None.	29,674	49,974
1914	500,000	812,517	261,313	376,184	419,495	32,922	452,417	259,558	12,500	138,424	491,482
1913	500,000	767,785	258,652	334,133	397,834	28,106	425,940	211,224	75,000	125,135	411,359
1914	100,000	624,673	455,482	151,691	565,240	17,533	582,773	438,118	.....	207,655	645,773
1913	100,000	656,868	419,163	220,145	484,672	15,268	409,940	300,991	25,000	196,234	522,225
1914	250,000	492,552	184,899	257,652	244,851	18,832	263,683	171,603	5,000	82,696	259,299
1913	250,000	490,990	160,493	286,497	241,393	16,790	258,183	98,523	30,000	79,371	207,894
1914	154,790	205,702	137,825	.....	136,178	5,557	141,735	95,854	.....	66,887	162,741
1913	154,790	213,011	174,124	.....	148,148	5,590	153,738	94,554	None.	69,441	163,995
1914	250,000	855,290	349,668	255,622	387,301	32,583	419,884	155,876	25,000	123,325	304,201
1913	250,000	711,122	253,109	208,013	247,042	32,506	286,447	127,961	25,000	91,682	244,643
1914	700,000	316,993	108,958	5,915	94,491	17,120	111,211	67,186	17,296	36,792	121,274
1913	700,000	311,423	102,221	7,252	100,769	14,356	121,125	49,912	9,472	29,904	89,348
1914	250,000	279,579	88,961	90,618	129,622	13,305	142,937	73,330	6,000	44,932	124,262
1913	250,000	254,794	75,518	79,276	115,860	9,932	125,792	46,315	6,000	41,772	94,087
1914	500,000	353,807	102,556	71,488	136,959	18,163	155,122	85,346	8,465	51,877	145,688
1913	500,000	356,195	116,337	70,785	168,454	12,802	181,256	84,626	15,442	58,998	159,066
1914	831,600	977,776	170,644	229,757	96,389	43,322	139,711	64,822	56,506	48,203	169,531
1913	831,600	946,882	193,019	204,423	89,688	125,214	214,992	33,345	51,728	45,916	131,019
1914	225,000	656,421	168,884	362,537	247,651	25,114	272,765	122,805	25,000	81,945	229,750
1913	225,000	609,463	161,139	323,324	229,960	22,535	252,495	119,445	25,000	76,906	221,351
1914	2,500,000	3,590,470	2,301,959	.....	2,574,554	93,910	3,068,464	1,993,056	35,000	1,046,094	3,074,150
1913	2,500,000	3,401,750	2,134,138	.....	3,086,667	89,796	3,176,463	1,993,684	70,000	1,072,205	3,065,949

BUSINESS AND STANDING OF BRITISH COMPANIES.

NAME OF COMPANY AND CHIEF AGENT IN CANADA, TOGETHER WITH LOCATION OF CANADIAN HEAD OFFICE.	Year.	Total Assets in Canada.	Total Liabilities in Canada.	Net Surplus.	Net Cash Premiums Received.	Interest and Other Receipts.	Total Income.	Paid for Losses.	Expenses.	Total Disbursements.
<i>Figures of Canadian Branch.</i>										
ALLIANCE	1914	\$314,947	\$151,887	\$163,060	\$213,203	.....	\$213,203	\$144,836	\$71,315	\$216,151
T. D. Belfield, Chief Agent, Montreal.	1913	314,655	164,941	149,714	224,995	460	225,365	76,648	74,384	153,032
ATLAS	1914	510,923	370,823	140,100	526,216	18,233	544,449	328,301	162,835	491,136
Matthew C. Hinshaw, Chief Agent, Montreal.	1913	455,849	354,086	101,763	541,479	15,465	556,944	274,618	173,020	447,638
BRITISH AND FOREIGN MARINE	1914	110,192	540	109,652	2,265	4,680	6,945	1,723	430	2,153
Robert J. Dale, Chief Agent, Montreal.	1913	110,282	599	109,683	3,120	4,680	7,800	557	605	1,162
(Inland Transportation business.)										
CALEDONIAN	1914	524,191	340,995	183,196	442,976	20,578	463,554	274,450	142,615	417,065
John G. Borthwick, Manager, Montreal.	1913	452,343	334,760	117,583	436,726	17,176	453,902	226,559	135,224	361,783
COMMERCIAL UNION	1914	1,386,386	672,294	714,092	1,000,069	55,459	1,055,527	470,222	302,541	772,763
James McGregor, General Agent, Montreal.	1913	1,323,788	652,000	651,788	843,850	48,644	862,494	359,341	204,316	616,657
EMPLOYERS LIABILITY	1914	1,458,657	753,282	705,375	308,402	.....	308,402	153,515	103,384	256,899
Richard I. Griffin, Chief Agent, Montreal.	1913	1,141,242	908,691	232,551	247,675	.....	247,675	108,122	79,243	187,665
GENERAL ACCIDENT FIRE AND LIFE	1914	383,718	196,004	187,714	267,237	15,384	282,621	111,152	96,760	207,912
Thomas H. Hall, Chief Agent, Toronto.	1913	354,214	169,376	184,838	278,843	13,864	292,707	164,179	96,237	200,416
GUARDIAN	1914	1,350,161	613,504	736,657	958,195	52,201	1,013,396	558,248	283,908	842,156
H. M. Lambert, Manager, Montreal.	1913	1,284,086	548,841	735,245	867,322	56,435	923,757	558,060	258,162	816,222
LAW UNION AND ROCK	1914	10,707,847	253,935	10,453,912	282,304	528,633	820,938	137,003	94,870	231,873
J. E. E. Dickson, Chief Agent, Montreal.	1913	9,373,945	204,615	9,169,330	236,795	618,526	855,321	113,772	73,758	187,530
LIVERPOOL AND LONDON AND GLOBE	1914	3,709,817	1,071,622	2,638,195	1,383,305	158,057	1,541,362	902,101	426,926	1,329,027
J. G. Thompson, Resident Manager, Montreal.	1913	3,438,837	998,523	2,440,314	1,402,255	120,399	1,522,654	779,787	432,329	1,212,116
LONDON AND LANCASHIRE FIRE	1914	871,765	422,669	389,096	691,561	26,011	717,572	391,200	225,259	616,459
Alfred Wright, Chief Agent, Toronto.	1913	690,746	452,067	238,679	673,804	22,854	696,658	306,029	215,712	521,741
LONDON ASSURANCE	1914	350,196	245,336	104,860	310,412	11,426	321,838	128,502	108,464	236,966
W. Kennedy and W. B. Colley, Chief Agents, Montreal.	1913	300,614	214,170	86,444	288,379	9,660	298,039	134,444	99,384	233,828
MARINE	1914	117,630	22,488	95,142	.....	.....	.....	.....	.....	.....
W. J. G. Thompson, Chief Agent, Halifax.	1913	117,630	22,445	95,185	.....	.....	.....	.....	.....	.....

NORTH BRITISH AND MERCANTILE Randall J. Davidson, General Agent, Montreal.	1914 1913	1,519,136 1,376,680	711,648 650,280	807,488 786,340	943,907 901,354	54,821 56,591	998,728 1,017,945	595,746 561,164	287,560 294,372	883,366 855,536
NORTHERN Robert W. Tyre, General Agent, Montreal.	1914 1913	823,350 690,792	507,451 458,454	315,899 172,338	736,047 718,600	24,805 512	760,822 719,112	450,372 376,852	228,773 216,813	698,145 593,665
NORWICH UNION John B. Laidlaw, Toronto.	1914 1913	1,021,467 942,206	538,103 520,218	483,964 421,988	770,622 805,204	34,991 35,490	805,693 840,694	470,923 469,707	254,986 266,269	795,909 735,976
OCEAN MARINE Robert Hampson & Son, Ltd., Chief Agents, Montreal.	1914 1913	111,602 111,602	200 None.	111,402 111,602	13,548 15,574	..... None.	13,548 15,574	16,121 584	2,810 3,111	18,931 3,695
PALATINE James McGregor, Montreal.	1914 1913	288,884 193,810	146,945 124,446	141,939 187,594	239,666 187,594	10,890 5,185	250,496 192,779	155,132 76,722	80,500 65,298	235,692 142,020
PHENIX OF LONDON R. MacD. Paterson & J. B. Paterson, Montreal.	1914 1913	966,523 870,208	676,843 655,587	289,680 212,621	1,035,778 1,031,853	38,225 34,088	1,074,003 1,065,941	571,896 561,896	323,898 316,553	973,105 878,449
PROVINCIAL Willis Faber & Co., Montreal.	1914 1913	120,845 114,087	33,557 17,188	87,288 96,899	45,591 29,811	196 273	45,787 30,084	38,618 22,501	2,819 8,299	41,737 30,800
ROYAL William Mackay, Manager, Montreal.	1914 1913	2,774,111 1,792,861	1,090,222 996,931	1,743,889 795,950	1,450,549 1,291,623	97,680 60,176	1,548,229 1,351,799	801,984 686,494	464,798 419,231	1,266,783 1,105,725
ROYAL EXCHANGE Arthur Barry, Chief Agent, Montreal.	1914 1913	1,022,536 715,549	287,222 279,009	745,314 436,540	422,440 406,218	18,472 9,843	440,012 416,661	162,218 155,549	131,722 119,252	293,950 274,801
SCOTTISH UNION AND NATIONAL Messrs. Esinbart and Evans, Montreal.	1914 1913	1,305,105 1,412,548	266,221 251,911	1,038,884 1,160,637	350,475 359,839	40,827 225,564	391,302 585,403	190,484 179,703	116,488 114,424	266,972 294,127
SUN H. M. Blackburn, Chief Agent, Toronto.	1914 1913	659,132 554,031	340,492 329,388	318,640 224,643	484,222 475,555	4,945 2,693	489,167 478,188	268,367 274,451	153,029 149,261	422,296 423,712
UNION ASSURANCE T. L. Morrissey, Montreal.	1914 1913	605,851 594,225	321,084 304,814	284,767 219,411	480,992 494,145	21,138 18,462	502,150 512,667	261,460 253,792	165,744 163,885	427,204 417,677
YORKSHIRE FIRE AND LIFE P. M. Wickham, Montreal.	1914 1913	3,146,969 2,551,518	288,372 255,583	2,858,597 2,295,935	366,753 334,766	125,466 103,927	492,219 438,693	243,438 223,761	119,193 111,540	362,691 335,301

BUSINESS AND STANDING OF AMERICAN COMPANIES.

ÆTNA A. M. M. Kirkpatrick, General Agent, Toronto.	1914 1913	\$344,428 290,252	\$293,426 227,981	\$51,382 62,271	\$358,554 321,364	\$12,102 11,502	\$370,656 332,866	\$157,403 158,018	\$97,546 85,382	\$254,048 243,900
AMERICAN AND FOREIGN MARINE Robert J. Dale, Chief Agent, Montreal.	1914 1913	26,676 28,080	..... None.	26,676 28,080	12,052 18,137	..... None.	12,052 18,137	..... 2,653	3,029 4,224	3,020 6,877

BUSINESS AND STANDING OF AMERICAN COMPANIES—Continued.

NAME OF COMPANY AND CHIEF AGENT IN CANADA, TOGETHER WITH LOCATION OF CANADIAN HEAD OFFICE. (Figures of Canadian Branch.)	Year.	Total Assets in Canada.	Total Liabilities in Canada.	Net Surplus.	Net Cash Premiums Received.	Interest and Other Receipts.	Total Income.	Paid for Losses.	Expenses.	Total Disburse- ments.
AMERICAN CENTRAL..... W. F. Fess, Winnipeg.	1914 1913	\$243,710 129,141	\$93,487 79,134	\$150,223 50,007	\$163,551 174,233	\$34,793 4,576	\$198,274 182,809	\$116,411 54,993	\$31,956 29,183	\$148,367 84,176
AMERICAN INSURANCE CO..... Conrad S. Riley, Winnipeg.	1914 1913	76,496 62,974	36,387 38,829	40,109 24,145	65,518 66,371	2,579 2,239	65,098 68,610	31,001 23,999	17,640 21,028	48,641 45,027
AMERICAN LLOYDS..... Edgar D. Hardy, Chief Agent, Ottawa.	1914 1913	75,994 75,811	17,441 17,531	58,553 58,290	17,010 14,750	1,463 1,463	18,473 16,213	547 12,654	6,242 6,425	6,789 19,079
CALIFORNIA INSURANCE CO..... H. H. Motley, Chief Agent, Calgary.	1914 1913	58,379 59,447	25,236 18,614	33,143 40,833	37,410 29,416	3,050 None.	40,460 29,416	18,454 5,970	10,322 9,143	28,776 15,113
CONNECTICUT FIRE..... J. W. Talley, Chief Agents, Montreal.	1914 1913	153,068 131,773	96,624 93,191	56,444 38,582	110,499 139,412	6,333 4,380	116,832 143,792	45,620 79,944	40,281 36,266	85,901 116,210
CONTINENTAL..... Joseph Rowat, Chief Agent, Montreal.	1914 1913	280,864 286,782	192,292 178,673	88,572 108,109	299,679 268,195	11,972 9,245	311,651 277,440	186,493 182,028	82,471 70,377	268,964 252,405
EQUITABLE FIRE AND MARINE..... J. W. Talley, Chief Agent, Montreal.	1914 1913	110,533 107,926	18,292 12,102	92,241 95,824	34,106 23,065	4,292 2,997	38,398 26,062	23,237 4,998	11,249 6,445	34,486 11,443
FIDELITY-PHENIX..... A. M. M. Kirkpatrick, Chief Agent, Toronto.	1914 1913	493,926 419,914	255,104 257,558	168,822 162,356	362,151 372,746	16,607 9,982	378,758 382,728	197,322 267,639	80,411 86,383	247,733 354,022
FIREMANS FUND..... John H. Hunter, Chief Agent, Toronto.	1914 1913	96,667 98,649	77,706 64,795	18,961 33,854	94,993 70,772	..... None.	94,993 70,772	60,482 11,879	24,436 19,268	84,918 31,147
FIREMENS INSURANCE CO..... Benjamin B. Smith, Winnipeg.	1914 1913	110,820 82,860	69,293 64,022	41,527 18,836	89,562 87,016	..... None.	89,562 87,016	31,934 30,680	30,851 29,229	62,785 59,909
GENERALE, of Paris, France..... Cyrille Laurin, Chief Agent, Montreal.	1914 1913	134,253 136,650	71,954 76,530	53,786 57,723	82,382 114,053	196 62	82,578 114,115	57,609 48,179	18,125 22,429	75,734 70,608
GERMAN-AMERICAN..... Messrs. Edinart and Evans, Montreal.	1914 1913	521,673 416,650	308,143 295,015	213,530 121,641	470,632 420,036	15,629 12,429	486,261 432,465	282,743 254,077	121,400 123,236	404,143 377,313
GERMANIA FIRE..... Percy Robertson, Toronto.	1914 1913	69,599 60,591	47,534 41,858	21,995 18,733	66,668 51,383	2,400 None.	69,068 51,383	39,899 56,072	19,717 17,670	59,616 73,742
GLENS FALLS..... William H. George, Chief Agent, Toronto.	1914 1913	141,147 79,434	77,561 1,133	63,586 78,321	105,086 78	3,387 None.	108,473 78	50,722 None.	40,754 2,362	91,476 2,362

GLOBE & RUTGERS, New York.....	1914	151,304	47,462	103,842	99,867	4,870	104,737	13,529	36,098	49,627
J. W. Blainie, Chief Agent, Montreal.										
HARTFORD.....	1914	1,204,222	745,010	459,212	1,019,834	37,300	1,087,134	497,045	260,366	766,411
Peter A. McCallum, Toronto.	1913	925,096	643,161	281,935	867,211	25,048	892,259	411,631	250,099	661,730
HOME FIRE.....	1914	841,545	542,215	299,330	898,993	31,418	930,341	419,937	237,550	657,487
F. W. Evans, Montreal.	1913	666,711	430,466	230,245	734,750	17,732	752,482	250,614	224,381	481,495
INSURANCE COMPANY OF NORTH AMERICA.....	1914	524,269	288,955	235,314	441,400	16,179	457,599	221,792	137,956	359,748
Robert Hampson & Son, Chief Agents, Montreal.	1913	417,672	283,816	133,832	408,030	16,678	484,708	265,624	130,446	396,070
INSURANCE COMPANY STATE OF PENNSYLVANIA.....	1914	233,991	100,810	133,181	156,885	10,150	167,095	104,580	46,085	150,605
Paul von Szelski, Toronto.	1913	226,150	78,019	148,131	148,050	9,077	157,128	87,271	41,041	128,312
LUMBER INSURANCE CO.....	1914	93,663	38,586	55,077	100,581	3,045	103,626	81,919	28,817	110,796
E. D. Hardy, Chief Agent, Ottawa.	1913	107,799	53,442	54,357	111,410	3,745	115,155	88,084	29,699	117,713
NATIONAL BEN FRANKLIN.....	1914	218,152	104,590	113,632	155,674	4,163	159,837	24,377	61,576	85,953
R. F. Massie, Chief Agent, Toronto.										
NATIONAL FIRE.....	1914	681,006	427,696	253,309	627,386	25,763	663,149	334,060	176,694	510,754
Smith, Mackenzie & Hall, Toronto.	1913	540,677	362,272	178,405	585,121	16,746	601,867	394,315	163,569	557,884
NATIONAL UNION.....	1914	239,344	132,528	106,816	214,154	7,629	221,783	128,504	65,246	193,750
Henry T. Richmond, Toronto.	1913	151,089	139,411	11,678	195,005	4,424	199,429	133,142	63,696	196,838
NATIONALE, PARIS.....	1914	115,988	56,908	59,080	103,479	1,346	104,825	10,092	40,704	50,796
J. E. Clement, Chief Agent, Montreal.										
NIAGARA FIRE.....	1914	248,341	111,662	136,679	187,012	6,950	193,962	84,046	49,062	133,108
W. E. Findlay, Chief Agent, Montreal.	1913	167,826	102,068	65,758	143,095	3,400	146,495	36,198	41,851	78,049
NORTHWESTERN NATIONAL.....	1914	136,835	81,599	55,306	113,160	8,505	121,665	54,170	39,408	93,578
Guy M. Harris, Winnipeg, Man.	1913	114,399	64,842	49,557	29,007	7,214	36,221	18,441	36,528	54,969
PHOENIX of Hartford.....	1914	652,065	310,650	341,415	402,016	27,749	429,765	237,983	141,254	379,237
J. W. Tatley, Montreal.	1913	566,499	332,664	233,835	459,969	22,654	482,623	211,347	151,079	362,486
PROVIDENCE WASHINGTON.....	1914	231,601	119,976	111,625	190,649	6,832	127,481	125,010	43,625	160,535
Robert Hampson & Son, Ltd., Montreal.	1913	221,340	91,393	120,947	158,638	10,610	169,248	94,795	50,254	145,049
QUEEN of America.....	1914	701,655	450,665	250,990	607,874	24,633	632,507	357,208	200,872	558,080
Wm. Mackay, Manager, Montreal.	1913	639,399	415,318	194,081	594,859	23,051	618,510	352,688	193,571	546,259
SPRINGFIELD FIRE AND MARINE.....	1914	536,560	298,538	238,022	481,373	24,634	622,507	357,208	200,871	558,079
Joseph Murphy, Toronto.	1913	505,199	237,339	267,860	374,055	19,639	393,694	219,703	104,390	324,093
ST. PAUL FIRE AND MARINE.....	1914	300,203	181,097	119,106	236,513	12,100	248,703	101,116	48,487	149,603
Robert J. Dale, Chief Agent, Montreal.	1913	238,015	156,369	81,626	224,655	14,265	238,920	108,400	62,686	171,080

BUSINESS AND STANDING OF AMERICAN COMPANIES—Continued.

NAME OF COMPANY AND CHIEF AGENT IN CANADA, TOGETHER WITH LOCATION OF CANADIAN HEAD OFFICE. (Figures of Canadian Branch.)	Year.	Total Assets in Canada.	Total Liabilities in Canada.	Net Surplus.	Net Cash Premiums Received.	Interest and Other Receipts.	Total Income.	Paid for Losses.	Expenses.	Total Disburse- ments.
L'UNION, Paris, France.....	1914	235,536	140,511	95,025	187,704	751	188,456	104,669	76,169	180,838
Louis M. Ferrand, Montreal.	1913	162,811	114,789	48,022	167,089	1,266	168,345	102,978	65,467	168,445
WESTCHESTER FIRE.....	1914	164,475	105,549	58,927	152,863	21	152,884	89,591	49,859	139,450
J. W. Tatley, Montreal.	1913	156,697	76,492	80,135	136,129	53	136,182	71,312	45,441	116,753

PROVINCIAL COMPANIES NOT INCLUDED IN OTHER TABLES.

Below will be found a list of fire and marine insurance companies located in the British American Provinces concerning some of which it is practically impossible to obtain information. In addition to these companies there are many purely local mutual companies, the Province of Ontario alone having nearly one hundred, and some foreign companies are licensed in one or more Provinces:

NAME AND LOCATION OF COMPANY, WITH NAME OF SECRETARY OR MANAGER.	Date of Organi- zation.	Capital Paid-up.	NAME AND LOCATION OF COMPANY, WITH NAME OF SECRETARY OR MANAGER.	Date of Organi- zation.	Capital Paid-up.
Canada National, Saskatoon, Sask., Gordon Bell, Mgr.	1908	\$24,000	Metropolitan Fire, Toronto, Ont., W. R. Tudhope, Mgr.	1898	\$150,000
Canadian Indemnity, Winnipeg, J. A. Dower, Sec.	1912	100,000	Midland Fire and Accident, Brandon, Man., T. B. Watson, Sec.	1912	25,000
Canadian Millers Mut., Hamilton, Ont., J. T. White, Sec.	1878	4332,415	Millers and Manufacturers, Toronto, C. H. Fortner, Sec.	1885	125,000
Canadian-Phoenix, Brandon, Man., F. J. Clark, Mgr.	1906	105,150	Missisquoi and Rouville Mut., Frelighsburg, A. H. Holden, Sec.	1835	*222,184
Colonial Fire, Winnipeg, John M. Dick, Sec.	1905	42,650	Monarch, London, Ont., B. N. Campbell, Mgr.	1903	137,332
Continental Fire, Winnipeg, H. G. Macksey, Sec.	1909	55,212	Pacific Marine, Vancouver, L. H. Wright, Mgr.	1906	101,100
Economical Mutual Fire, Berlin, Ont., W. H. Schmalz, Sec.	1871	*2735,323	Perth Mutual Fire, Stratford, Ont., Chas. Packert, Mgr.	1863	*464,322
Fire Insurance Exchange, Toronto, Ont., J. L. Spink, Pres.	1886	143,950	Protection, Fraserville, Que., J. P. Michaud, Mgr.	1908	71,144
Gore District Mutual Fire, Galt, Ont., J. N. Mackendrick, Mgr.	1839	*2853,270	Provincial, Montreal, Jean Tache, Mgr.	1909	71,245
Great North, Calgary, Alta., A. H. Mellor, Sec.	1910	34,100	Queen City Fire, Toronto, Ont., J. Walsley, Sec.	1871	100,000
Halifax Fire, Halifax, N. S., E. S. Goudge, Sec.	1809	240,000	Stanshead & Sherbrooke Mut., Sherbrooke, Que., G. Armitage, Mgr.	1835	*468,723
Hamilton Fire, Hamilton, Russell T. Kelley, Sec.	1863	134,860	Sterling Fire, Quebec, Albert Demers, Sec.	1906	28,830
Hand-in-Hand, Toronto, Ont., J. Walsley, Mgr.	1873	150,000	Strathcona, Pierreville, Que., A. A. Mondou, Pres.	1909	74,830
Mercantile, St. Hyacinthe, Que., D. J. Racine, Sec.	1909	120,000	Waterloo Mutual Fire, Waterloo, Ont., F. Haight, Mgr.	1863	*2854,730
Merchants Fire, Toronto, J. H. C. Durham, Mgr.	1898	75,000	Wellington Mutual Fire, Guelph, Ont., John Davidson, Mgr.	1840	142,450

† Cash mutual and stock.

* Cash mutual. † Assets December 31, 1914.

RISKS WRITTEN AND IN FORCE FOR 1914.

Table below gives a statement of the risks written during 1914 and risks in force December 31, 1914. For risks in force December 31, 1914, of other companies see the department of this book entitled "Reports of Fire Insurance Companies." Risks not having reference mark are fire, the marine risks being designated by footnote.

NAME OF COMPANY.	Risks Written or Renewed in 1914.	Risks in Force Dec. 31, 1914.	NAME OF COMPANY.	Risks Written or Renewed in 1914.	Risks in Force Dec. 31, 1914.
<i>Stock Companies.</i>	\$	\$	<i>Stock Companies.</i>	\$	\$
Aachen & Munich, Aix-la-Chap.	192,006,614	262,846,377	Firemens, Washington	991,239	20,784,344
Abeille, Paris	29,965,538	29,230,081	First Russian, St. Petersburg	175,025,565	168,598,103
Aetna, Hartford	1,064,935,932	1,557,584,399	First National, Washington	47,774,966	34,352,973
Agricultural, Watertown	150,062,363	50,199,887	First Reinsurance, Hartford	146,870,917	88,696,020
Albany, Albany	42,553,351	64,458,503	Fonciere, Paris	78,061,868	426,222
Allemania, Pittsburg	128,020,964	161,411,569	Franklin, Philadelphia	176,827,082	259,109,949
Alliance, Philadelphia	91,606,844	99,966,384	Frankona Reins., Frankfort	84,567,058	73,488,566
Alliance, London	163,450,926	20,579,451	General, Paris	98,504,024	77,413,972
Alhambra, Berlin	169,495,823	13,721,246	General, Dresden	131,141,859	280,081
American, Newark	199,439,927	11,490,264	German, Peoria	98,240,636	114,284,683
American Central St. Louis	551,078,619	973,192,346	German, Pittsburg	76,233,637	121,170,785
American Druggists, Cincinnati	78,594,750	6,205,440	German, Wheeling	40,728,465	43,138,661
Amer. & For. Mar., N. Y.	490,828,277	331,581,347	German Alliance, New York	337,734,424	94,621,984
Anglo-Amer. Reins., Chicago	115,426,216	636,274	German-American, New York	1,582,997,159	1,871,877,563
Arizona Fire, Phoenix	14,785,282	12,768,174	German-American, Baltimore	42,066,565	60,627,247
Arlington, Washington	185,040,010	12,060,322	German-American, Pittsburg	46,780,594	56,718,271
Assur. Co. of Amer., N. Y.	18,658,631	9,860,511	Germania, New York	423,474,793	724,963,665
Atlas, London	31,408,639	21,925,124	Girard F. and M., Phila.	133,364,338	217,337,493
Austin, Dallas	13,983,812	14,688,320	Glens Falls, Glens Falls	353,249,236	509,601,055
Automobile, Hartford	42,470,219	27,577,449	Globe & Rutgers, New York	17,696,466	7,907,351
Balkan National, Sofia	75,185,582	1,908,631	Globe State, Portsmouth	647,669,264	587,033,537
Boston, Boston	280,616,088	320,026,104	Hamburg, Hamburg	112,052,836	7,069,264
Brit. & For. Mar., Liverpool	23,338,188	23,394,592	Hamburg-Bremen, Hamburg	78,802,286	99,716,892
British America, Toronto	1,595,938	1,243,580	Hamilton, New York	875,422,349	535,352,728
Buffalo German, Buffalo	127,919,097	12,878,376	Hanover, New York	180,827,342	204,376,990
Bulgaria, Rousschouk	241,454,091	195,601,542	Hartford, Hartford	32,225,635	17,534,771
Caledonia, Edinburgh	317,004,393	357,283,632	Home, New York	340,680,827	497,853,464
Caledonian-American, N. Y.	117,071,989	35,790,595	Imperial, New York	2,137,786,914	2,817,993,638
California, San Francisco	11,084,887,044	31,035,984	Indemnity Mut. Mar., Lon.	163,621,592	29,107,288
Camden Fire, Camden	177,234,679	190,121,738	Independence, Philadelphia	2,260,585,423	2,755,510,790
Capital, Concord	101,914,459	160,708,347	Ins. Co. of No. Am., Phila.	1440,741,517	48,030,195
Century, Edinburgh	146,217,662	127,803,907	Ins. Co. of State of Pa., Phila.	122,576,043	175,593,049
Citizens, St. Louis	217,425,823	275,395,530	International, New York	62,825,099	71,471,054
City of New York, New York	15,697,347	3,050,191	Jakor, Moscow	1124,284,618	9,666,506
Cleveland Nat'l, Cleveland	56,444,233	51,588,981	Knickerbocker, New York	15,471,289	10,960,553
Cologne, Cologne	235,686,825	280,474,175	Law Union & Rock, London	772,571,339	1,137,889,303
Colonial, New York	35,946,710	41,122,158	Liv. & Lon. & Globe, Liverpool	1,045,119,472	161,136,603
Columbia, Jersey City	37,530,368	26,481,518	Liv. & Lon. & Globe, N. Y.	274,782,390	266,324,703
Columbian Nat., Detroit	68,794,362	38,761,927	Liverpool Assurance, London	121,406,465	13,838,175
Commerce, Albany	157,237,140	5,702,075	Lon. & Lanc. Fire, Liverpool	131,261,298	60,344,056
Commercial Union, London	72,150	120,415,548	Lumber, New York	90,597,296	348,113,840
Commercial Union, New York	117,711,525	103,415,976	Lumbermens, Philadelphia	700,666,869	8,243,706
Commonwealth, New York	10,200,913	7,758,919	Mannheim, Mannheim	14,647,316	191,605
Commonwealth Fire, Dallas	233,978,523	173,855,345	Marine, London	84,684,092	75,015,796
Concordia, Milwaukee	33,935,283	26,178,966	Maritime, Liverpool	1,517,148,643	1,517,966,967
Connecticut, Hartford	120,578,653	22,538,996	Mass. F. & M., Boston	64,569,517	28,204,251
Continental, New York	40,132,976	50,378,125	Maryland Motor Car, Balto.	83,320,143	53,373,118
County, Philadelphia	1,072,383,961	1,171,975,659	Mechanics, Philadelphia	13,889,290	1,669,374
Detroit F. & M., Detroit	702,839,008	17,661,320	Mechs. & Traders, New Or.	316,733,700	405,270,616
Detroit National, Detroit	98,796,682	103,415,976	Merchants Fire, Denver	131,562,251	22,710,739
Dixie, Greensboro	202,476,005	198,956,100	Merchants, New York	463,235,201	560,504,731
Dubuque F. & M., Dubuque	26,168,879	24,870,440	Michigan Com'l, Lansing	14,810,200	7,823,699
Eagle, Newark	168,135,168	222,164,995	Michigan F. & M., Detroit	6,597,787	5,017,059
Eastern Atlantic City	467,951,691	781,899,979	Milwaukee Mechs., Milwaukee	38,248,041	10,487,211
Equit. F. & M., Providence	1,120,424,542	1,830,914,556	Minerva, Cologne	35,741,087	52,981,186
Farmers, Cedar Rapids	110,662,604	5,493,569	Minneapolis F. & M., Minn.	1534,622,936	41,569,302
Federal, Jersey City	61,291,976	28,009,496	Moscow, Moscow	13,049,078,943	75,150,688
Fidelity-Phenix, New York	77,600,529	119,573,736	Munich Reinsurance, Munich	123,412,441	2,565,193
Fire Association, Philadelphia	14,828,424	19,561,577		60,643,282	76,428,002
Fire Reassurance, Paris	20,063,678	19,561,577		136,717,899	11,165,066
Firemans Fund, San Francisco	53,690,864	47,804,731		9,497,738	6,347,952
Firemens, Newark	98,854,049	168,121,282		52,548,441	83,027,331
	13,498,229	8,121,905		116,607,222	109,041,787
	1,804,474	2,079,773		117,862	
	156,205,156	47,206,612		13,777,537	16,761,628
	31,061,823	82,527,971		78,679,228	56,118,155
	11,400,463,830	96,462,791		84,589,003	43,646,492
	865,320,396	1,352,772,006		14,913,752	297,726
	79,711,484	5,221,014		104,715,416	128,143,505
	559,135,888	769,220,703		269,902,566	440,377,108
	193,870,911	165,844,315		76,559,519	78,145,496
	528,497,444	722,483,459		33,681,719	30,926,449
	1916,033,531	64,943,638		249,966,042	246,248,727
	273,481,602	571,041,019		759,877,308	783,713,735

† Marine.

RISKS WRITTEN AND IN FORCE FOR 1914—Continued.

NAME OF COMPANY.	Risks Written or Renewed in 1914.	Risks in Force Dec. 31, 1914.	NAME OF COMPANY.	Risks Written or Renewed in 1914.	Risks in Force Dec. 31, 1914.
<i>Stock Companies.</i>			<i>Stock Companies.</i>		
National, Hartford.....	1,472,855,884	1,684,606,177	Sun, London.....	412,577,257	562,833,383
Nationale, Paris.....	94,906,892	43,845,144	Svea, Gothenburg.....	124,313,634	134,418,617
Nat. Ben Franklin, Pittsburg.....	252,552,307	363,117,152	Swiss Reinsurance, Zurich.....	106,766,195	110,592,136
National Brewers, Chicago.....	5,005,833	4,405,263	Swiss National, Basle.....	263,027,264	228,558,016
National Lumber, Buffalo.....	22,672,001	16,423,571	Switzerland General, Zurich.....	116,512,126	2,441,136
National Union, Pittsburg.....	398,071,243	418,751,723	Teutonia, Dayton.....	15,767,694	29,980,996
Netherlands, The Hague.....	95,985,683	58,673,035	Teutonia, Pittsburg.....	100,761,419	122,193,038
Newark, Newark.....	150,266,877	166,031,884	Thames & Mersey Mar., L.P. [†]	184,129,564	15,674,065
New Brunswick, New Brunsw.....	7514,460	313,060	Tokio Marine, Tokio.....	174,960,693	3,196,327
New Hampshire, Manchester.....	83,587,692	87,314,621	Union, Buffalo.....	19,714,560	13,473,277
New Jersey, Newark.....	362,970,541	492,529,343	Union, London.....	96,390,397	81,586,372
Niagara, New York.....	108,234,975	105,461,963	Union Fire, Paris.....	81,252,756	65,780,260
Nord-Deutsche, Hamburg.....	7500,040	500,040	Union Marine, Liverpool.....	1430,847,459	19,250,149
North Brit. & Merc., Lon.....	562,460,069	688,118,784	United Firemens, Philadelphia.....	53,519,571	66,849,733
North Brit. & Merc., N. Y.....	73,458,125	1,297,348	United States, New York.....	136,378,635	96,844,966
North China, Shanghai.....	109,670,661	90,131,608	Union and Phenix, Madrid.....	145,140,570	155,673,215
Northern, London.....	796,783,385	7,174,400	Urbaine, Paris.....	69,616,973	45,770,799
Northern Moscow.....	851,955,628	1,016,051,139	Virginia F. & M., Richmond.....	83,942,092	97,395,639
Northern, New York.....	119,312,665	122,201,198	Vulcan, New York.....	9,751,534	6,499,781
Northern River, New York.....	110,849,636	1,093,403	Vulcan Fire, Oakland.....	13,431,578	10,292,677
Northwestern F. & M., Minn.....	474,677,462	549,730,343	Warsaw, Warsaw.....	61,525,801	58,388,194
Northwestern Nat., Milwaukee.....	109,712,974	99,991,919	Westchester, New York.....	525,079,278	666,747,651
Norwich Union, Norwich.....	119,083,996	152,187,563	Western, Pittsburg.....	42,257,903	46,968,706
Occidental Fire, Albuquerque.....	334,426,345	285,598,619	Western, Toronto.....	248,884,213	233,321,646
Ocean Marine, London.....	70,263,894	85,905,063	Williamsburgh City, N. Y.....	187,547,427	9,700,773
Old Colony, Boston.....	347,054,119	739,602,574	Yang Tze, Shanghai.....	440,349,861	501,624,366
Orient, Hartford.....	11,810,752	1,016,044	Yorkshire, York.....	147,201,992	4,001,227
Pacific, New York.....	289,906,084	325,068,987	<i>Mutual Companies.</i>		
Palatine, London.....	28,038,680	23,931,473	American, Providence.....	60,081,070	86,951,966
Paternelle, Paris.....	112,341,783	6,729,821	Arkwright, Boston.....	177,744,737	317,685,832
Pennsylvania, Philadelphia.....	84,291,012	83,339,302	Atlantic Mut. Mar., N. Y.....	1739,532,283	171,472,957
Peoples National, Phila.....	112,181,240	281,562,933	Baltimore, Baltimore.....	32,967,394	23,221,377
Phoenix, Paris.....	18,004,590	4,389,091	Berkshire, Pittsfield.....	11,934,727	22,742,985
Phoenix, London.....	80,473,094	46,936,246	Blackstone, Providence.....	105,910,057	167,264,694
Phoenix, Hartford.....	282,705,067	337,849,484	Boston Manufacturers, Bos.....	225,756,900	392,776,078
Pittsburg, Pittsburg.....	253,306,885	69,622,765	Cotton & Woolen Mfrs., Bos.....	42,483,678	39,842,739
Potomac, Washington.....	482,864,572	674,827,476	Enterprise, Providence.....	51,692,034	61,658,167
Prov. Washington, Prov.....	93,038,581	109,570,989	Fall River Mfrs., Fall River.....	60,201,699	87,087,097
Prussian National, Stettin.....	82,291,290	43,845,144	Farmers, York.....	72,278,550	117,524,828
Queen, New York.....	454,652,448	444,281,127	Firemens, Providence.....	69,151,357	101,876,395
Reliance, Philadelphia.....	190,558,015	9,203,153	Fitchburg, Fitchburg.....	144,411,531	233,732,320
Reliance Marine, Liverpool.....	848,189,750	1,096,842,210	Glen Cove, Glen Cove.....	16,507,047	26,458,720
Rhode Island, Providence.....	24,658,371	32,965,027	Grain Dirs. Nat., Ind'polis.....	12,786,138	11,127,246
Richmond, New York.....	7,430,060	14,853,687	Hope, Providence.....	16,585,335	19,922,774
Rossia, St. Petersburg.....	401,112,600	435,847,954	Harmonia, Buffalo.....	55,525,006	70,386,391
Royal, Liverpool.....	1331,231,904	28,777,634	Indiana Lumbermens, Ind'lis.....	2,588,830	5,768,116
Royal Exchange, London.....	222,141,365	339,137,260	Industrial, Boston.....	23,981,071	19,960,143
Russian Reins., Petrograd.....	560,475,879	777,778,960	Iowa State, Keokuk.....	33,937,815	38,539,994
Salamandra, Petrograd.....	1175,661,177	24,763,406	Keystone, Philadelphia.....	20,038,114	69,996,531
Scot. Un. & Nat., Edinburgh.....	109,593,961	138,545,003	Lumber, Boston.....	42,550,433	43,491,237
Sea, Liverpool.....	1106,354,458	6,650,174	Lumbermens, Mansfield.....	24,855,993	21,220,041
Second Russian, Petrograd.....	120,238,472	111,667,801	Manton, Philadelphia.....	24,219,551	20,970,769
Security, New Haven.....	46,494,430	29,720,513	Manufacturers, Providence.....	41,202,033	40,924,350
Security, Davenport.....	689,943,539	627,880,064	Mechanics, Providence.....	100,537,751	150,443,269
Seneca, Buffalo.....	1181,158,249	13,190,986	Mercantile, Providence.....	69,634,427	103,426,303
Skandia, Stockholm.....	1,136,198,585	1,564,954,051	Merchants, Providence.....	33,288,338	35,218,973
South German, Reins., Munich.....	1353,225,870	34,540,308	Merrimack, Andover.....	56,622,132	89,348,703
Springfield F. & M., Springfield.....	275,966,844	10,286,468	Michigan Millers, Lansing.....	18,126,126	38,324,027
Standard, Hartford.....	182,390,021	170,123,672	Mill Owners, Chicago.....	84,671,829	115,977,211
Standard, Trenton.....	505,442,236	348,113,839	Mill Owners, Des Moines.....	16,608,966	18,094,865
Standard Marine, Liverpool.....	1701,309,735	517,382,253	Millers, Fort Worth.....	12,018,549	14,342,603
State, Liverpool.....	172,440,986	36,657,291	Millers, National, Chicago.....	17,090,545	11,050,470
Sterling Fire, Indianapolis.....	324,353,126	139,245,529	Mutual, Albany.....	100,914,277	109,077,187
St. Paul F. & M., St. Paul.....	25,393,877	40,572,181	Narragansett Providence.....	4,048,544	5,136,505
Stuyvesant, New York.....	2,939,714	48,352,343	National, Philadelphia.....	25,701,398	19,628,561
	115,408,847	1,764,242	Ohio Farmers, Le Roy.....	14,834,039	13,622,791
	185,537	31,720	Paper Mill, Boston.....	233,075,367	429,925,529
	96,483,622	88,796,908	Pawtucket, Pawtucket.....	18,100,114	33,002,324
	798,972,112	996,498,316	Penn. Millers, Wilkes-Barre.....	16,828,583	40,439,173
	114,996,820	115,956,049	Pennsylvania Lumbermen, Phi.....	7,614,205	12,588,671
	47,964,372	71,091,875	Phila. Mfrs., Phila.....	24,255,067	21,235,003
	1328,505,814	29,093,420	Protection, Chicago.....	50,007,077	62,648,056
	33,325,691	28,616,274	Rhode Island, Providence.....	31,030,983	33,680,542
	68,462,240	59,123,671	Rubber Mfrs., Boston.....	127,391,000	191,653,386
	516,049,553	784,719,928	Standard, Philadelphia.....	49,577,546	58,262,883
	1486,480,322	64,185,268	State, Providence.....	21,487,015	23,475,370
	136,706,770	73,196,505	Suffolk County, Southold.....	177,484,041	268,520,456
	12,290,932	298,294	What Cheer, Providence.....	4,488,519	4,488,519
			Worcester Mfrs., Worcester.....	57,468,937	73,784,379
				72,640,332	124,681,713

† Marine.

FOREIGN COMPANIES' NET RECEIPTS FROM AND REMITTANCES TO HOME OFFICES, 1910-1914.

Below will be found the net amounts received from (+) or remitted to (—) their home offices by the United States branches of the respective foreign fire and marine insurance companies during the last five years. The net receipts from home offices of foreign fire insurance companies in 1906 aggregated \$49,122,546. In 1907 the net remittances of fire companies to home offices amounted to \$6,177,115; in 1908 to \$8,205,898; in 1909 to \$4,397,867.

NAME OF COMPANY.	1914.	1913.	1912.	1911.	1910.
<i>Fire Companies.</i>	\$	\$	\$	\$	\$
Aachen and Munich, Aix-la-Chapelle..	+14,647	—93,217	—92,723	—45,082	+3,665
Abeille, Paris.....	.....	—45,000	—35,000	+805	.....
Atlas, London.....	—84,940	—49,912	+98,273	—67,284	+18,739
Balkan National, Sofia.....	—1,852	+91,424	+34,783	271,702	+330,274
British America, Toronto.....	+37,824	+18,671	—10,585	—9,848	—71,488
Bulgaria, Rustchuk.....	+172,500	+157,523	+573,525	.....	.....
Caledonian, Edinburgh.....	+14,820	—113,716	—23,575	—125,034	—180,104
Century, Edinburgh.....	—25,997	+19,027	+24,594	+1,469	.....
Cologne Reinsurance, Cologne.....	+5,074	—40,101	—14,417	—53,221	—41,758
Commercial Union, London*.....	+141,153	—616,003	—528,669	—471,509	—504,627
Fire Reassurance, Paris.....	+11,217	+15,243	.....	+568,986	.....
First Russian, Petrograd.....	.....	—200,000	.....	—75,000	—70,000
Frankona Reinsurance, Frankfort.....	—13,583	—55,186	—24,543	+28,029	.....
General, Paris.....	—6,042	—7,292	—19,412	—19,018	+520,700
Hamburg, Hamburg.....	+828,188	.....	.....	.....	.....
Hamburg-Bremen, Hamburg.....	+2,485	+4,671	+7,735	—70,916	—111,419
International Reassurance, Vienna.....	—16,838	—4,626	+163,564	.....	.....
Jakor, Moscow.....	—75,594	—125,000	—75,000	—180,000	—90,000
Law Union and Rock, London.....	+47,284	+383,379	+33,105	+95,048	—44,335
Liverpool & London & Globe, Liverp'l.	—378,533	—1,030,496	—1,310,657	—1,339,347	—1,722,873
London Assurance, London*.....	—108,439	—306,301	—379,336	—376,195	—262,390
London and Lancashire F., Liverpool	—562,995	—217,987	—331,357	—190,525	—324,121
London & Lancashire Life & General..	—11,421	.....	.....	.....	.....
Minerva, Cologne.....	—29,115	—6,465	—158,104	.....	.....
Moscow Fire, Moscow.....	.....	—250,000	—76,558	—100,300	—300,000
Munich Reinsurance, Munich.....	—286,257	—380,905	—384,842	—451,975	—405,172
Nationale, Paris.....	—1,125	.....	—40,000	—2,181	+502,200
Netherlands F. and L., The Hague....	+20	+122,618	.....	.....	.....
New Zealand, Auckland.....	.....	—89,757	—172,625	—141,790	—73,347
Nord Deutsche, Hamburg.....	+116,027	+480,073	+65,000	+530,000	.....
North British & Mercantile, London....	—50,738	—735,435	—552,119	—310,334	—699,195
Northern, London.....	+87,547	—285,679	—353,828	—218,000	—390,604
Northern, Moscow.....	—100,000	.....	.....	+260,004	.....
Norwich Union, Norwich.....	—40,410	+164,432	—94,630	—79,258	—100,564
Palatine, London.....	—153,013	—136,177	—407,577	—159,277	25,732
Paternelle, Paris.....	+30,000	+502,332	.....	.....	.....
Phenix, Paris.....	—3,827	—60,000	—50,000	—10,868	.....
Phoenix, London*.....	—30,719	—59,447	+9,049	+19,520	—5,882
Prussian National, Stettin.....	+310,805	—51,175	—50,000	—631	—50,000
Rossia, Petrograd*.....	+122,677	—105,134	+171,792	—115,000	—197,716
Royal, Liverpool*.....	—293,454	—368,806	—1,124,015	—846,762	—1,229,041
Royal Exchange, London*.....	—118,292	+71,481	—140,698	+182,065	—132,069
Russian Reinsurance, Petrograd.....	—50,765	—48,673	—216,233	—18,584	—17,158
Salamandra, Petrograd.....	+100,000	—300,000	.....	—375,000	—150,000
Scottish Union & National, Edinburgh.	+83,396	+47,791	—3,218	—223,152	+67,907
Second Russian, Petrograd.....	—190,000	+500,000	.....	.....	.....
Skandia, Stockholm.....	—6,363	—116,377	—131,374	—136,406	—131,382
South German Reins., Munich.....	—2,472	—37,712	+5,369	+492,149	.....
Sovereign Fire, Toronto.....	.....	.....	+59,155	—44,847	+164,698
State Fire, Liverpool.....	—11,535	+85,046	+15,560	—16,296	—23,504
Sun, London.....	—90,749	+98,171	—221,935	—241,025	—383,680
Svea, Gothenburg.....	+24,178	+21,718	—2,327	.....	.....
Swiss National, Basle.....	+102,150	—41,650	—106,279	+223,979	+231,500
Swiss Reinsurance, Zurich.....	—103,322	—1,112	+1,467	—199,790	—9,610
Union, London.....	—99,733	—285,138	+305,841	—103,732	—195,531
Union, Paris.....	—4,696	—2,163	—1,409	—8,401	+616,568
Union & Phenix Espanol, Madrid.....	—73,495	—15,004	—100,000	—10,291	+504,764
Urbaine, Paris.....	—19,309	+527,073	.....	.....	.....
Warsaw, Warsaw.....	—22,500	—30,000	—99,000	+522,518	.....
Western, Toronto.....	+27,829	+60,016	—88,778	—69,212	—59,144
Yorkshire, York.....	—3,225	—718	—11,998	+58,000	.....
Totals, Fire Companies.....	—791,796	—3,137,049	—5,977,563	—3,565,989	—5,059,317

* Fire and marine branches combined.

FOREIGN COMPANIES' NET RECEIPTS FROM AND REMITTANCES TO HOME OFFICES, 1910-1914—
Continued.

NAME OF COMPANY.	1914.	1913.	1912.	1911.	1910.
<i>Marine Companies.</i>	\$	\$	\$	\$	\$
Alliance, London.....	—26,660	—75,353	—125,935	+519,493	.....
Allianz, Berlin.....	+28,534	31,887	—119,726	+373,262	.....
British & Foreign, Liverpool.....	—100,304	—127,577	—273,229	—403,675	—236,503
Fonciere, Paris.....	—8,560	—6,320	—25,779	—9,732	—18,330
General, Dresden.....	—9,136	—7,840	—73,453	—52,256	+46,316
Indemnity Mutual, London.....	—80,165	—58,431	—113,821	—168,322	—202,226
Mannheim, Mannheim.....	—53,125	—108,499	—99,853	+7,138	—100,237
Marine, London.....	+69,689	—157,265	—279,880	—120,146	—152,811
Maritime, Liverpool.....	+14,485	—20,437	+13,879	+68,501	+23,422
North China, Shanghai.....	—25,661	+23,654	+210,732	.....	.....
Ocean, London.....	—32,113	—33,260	—46,196	—101,626	—6,270
Reliance, Liverpool.....	—40,076	+21,420	—57,892	—96,229	—59,470
Sea, Liverpool.....	+20,609	—141,188	—160,915	+2,161	+29,798
Standard, Liverpool.....	+71,476	—292,202	—234,980	—482,280	—38,574
Switzerland General, Zurich.....	—64,744	—111,671	—121,172	—114,787	—141,809
Thames & Mersey, Liverpool.....	+33,063	—62,191	—147,298	—243,918	+85,666
Tokio Marine, Tokio.....	+5,891	—59	.....	+250,000	.....
Union, Liverpool.....	—2,840	—87,028	—61,548	—12,313	—22,941
Yang Tsze, Shanghai.....	—22,297	+*47,458	+16,854	—30,979	+43,832
Totals, Marine Companies.....	—221,334	—1,260,818	—1,700,212	—1,057,481	—750,137
Grand Totals, Fire and Marine Cos...	—1,013,130	—4,397,867	—7,677,775	—4,623,370	—5,829,454

* Includes remittances to London office.

TAXATION OF FIRE INSURANCE COMPANIES.

Table showing amount of taxes paid by companies reporting to the New York Insurance Department, with the ratio of the same to premiums, and to premiums less losses:

YEAR.	No. of Companies.	Premiums Received, Including Marine and Inland.	Losses Paid, Including Marine and Inland.	Amount of Taxes Paid.	RATIO OF TAXES TO	
					Premium.	Premiums, Less Losses.
		\$	\$	\$	%	%
1891.....	129	110,561,043	69,007,452	2,596,902	2.35	6.25
1892.....	130	124,086,350	78,334,159	2,727,974	2.20	5.96
1893.....	127	127,958,537	87,943,433	2,961,571	2.31	7.40
1894.....	121	124,649,370	76,059,189	2,829,401	2.27	5.82
1895.....	121	124,508,829	70,732,994	2,941,418	2.36	5.47
1896.....	134	124,440,058	67,162,474	3,145,117	2.53	5.49
1897.....	152	126,704,778	63,623,107	3,322,826	2.61	5.26
1898.....	162	127,730,726	74,660,521	3,900,134	3.05	7.34
1899.....	162	134,450,639	91,031,677	4,495,332	3.34	10.35
1900.....	158	147,709,062	92,472,967	4,736,250	3.21	8.57
1901.....	146	163,526,207	96,363,509	4,621,006	2.83	6.88
1902.....	145	185,494,632	97,950,790	4,947,898	2.67	5.65
1903.....	147	196,532,866	96,834,018	5,474,156	2.78	5.49
1904.....	144	212,391,691	131,095,629	5,577,225	2.63	6.86
1905.....	158	223,019,881	108,171,784	6,326,025	2.84	5.51
1906.....	156	245,387,087	235,290,029	6,525,369	2.66	64.62
1907.....	169	260,643,569	121,801,279	6,472,121	2.48	4.66
1908.....	162	254,675,170	140,464,352	6,943,181	2.73	6.08
1909.....	163	* 273,750,281	† 133,014,316	§ 6,756,949	2.46	4.80
1910.....	175	* 287,419,898	† 144,888,508	§ 7,608,640	2.64	5.33
1911.....	180	* 297,142,197	† 158,528,595	§ 7,850,103	2.64	5.65
1912.....	183	* 308,606,914	† 163,607,021	§ 8,202,802	2.66	5.66
1913.....	185	* 324,193,975	† 172,984,262	§ 8,501,927	2.62	5.62
1914.....	191	* 333,947,016	† 200,720,782	§ 9,120,508	2.73	6.86
1891 to 1914 inclusive.....	...	4,839,290,776	2,772,742,847	128,382,140	2.65	6.21

* Net premiums written. † Net losses incurred. § Excluding taxes on real estate.

LARGE FIRES IN THE UNITED STATES AND CANADA.

Below will be found a chronological list of many of the largest fires which have occurred in the United States and Canada in the last 200 years. While our aim is to present only those causing a loss of \$1,000,000 or more, in some instances no specific sums are stated by the best authorities, although the indications are that such losses reached the above named amount:

FIRES IN THE UNITED STATES.

Year.	Place.	Property Loss	Year.	Place.	Property Loss
1700	Charleston, S. C.	.....	1865	New York	\$4,000,000
1775	Charlestown, Mass.	.....	1865	New York	1,000,000
1776	Norfolk, Va.	\$1,500,000	1866	Cincinnati	1,750,000
1776	New York	.....	1866	Oil City, Pa.	1,000,000
1777	New Orleans	.....	1866	Portland, Me.	10,000,000
1778	Charleston, S. C.	3,000,000	1866	Jersey City	2,000,000
1778	New York	.....	1866	New Orleans	1,500,000
1794	Boston	1,000,000	1867	New Orleans	1,200,000
1796	Charleston, S. C.	1,500,000	1867	New York	1,250,000
1796	Baltimore	.....	1867	Idaho City, Ida.	1,000,000
1797	Savannah, Ga.	.....	1867	Tariffville, Conn.	1,600,000
1798	Wilmington, N. C.	.....	1886	Fall River, Mass.	1,500,000
1799	Philadelphia	.....	1886	St. Louis	2,000,000
1811	Newburyport, Mass.	1,250,000	1867	Albany	3,000,000
1813	Portsmouth, N. H.	.....	1868	Charleston	3,000,000
1814	Washington, D. C.	.....	1868	Chicago	1,015,000
1815	Petersburg, Va.	.....	1868	Chicago	1,190,000
1820	Savannah, Ga.	4,000,000	1868	Jefferson, Tex.	1,000,000
1828	Georgetown, Md.	.....	1868	St. Louis	1,000,000
1831	Fayetteville	.....	1868	Marinette, Mich.	1,250,000
1835	New York	15,000,000	1868	La Porte, Cal.	1,500,000
1838	Charlestown, Mass.	6,000,000	1868	Brooklyn, N. Y.	1,000,000
1839	New York	4,000,000	1869	Philadelphia	1,300,000
1843	New York	6,000,000	1869	Fort Sully, Dak.	1,000,000
1845	New York	6,000,000	1869	Galveston, Tex.	1,500,000
1845	Pittsburg	1,500,000	1869	Philadelphia	3,000,000
1846	Nantucket, Mass.	1,000,000	1870	Chicago	2,500,000
1846	Albany	.....	1870	Galveston, Tex.	1,000,000
1848	Albany	3,000,000	1870	Jersey City	1,000,000
1848	St. Louis	.....	1871	Greenpoint, L. I.	1,000,000
1849	St. Louis	3,000,000	1871	Virginia City, Nev.	1,000,000
1849	San Francisco	2,000,000	1871	Manistee, Mich.	1,250,000
1850	San Francisco	5,000,000	1871	Peshtigo, Wis.	1,000,000
1850	San Francisco	8,000,000	1871	Chicago	168,000,000
1850	Philadelphia	1,500,000	1872	Boston	75,000,000
1851	Washington, D. C.	1,000,000	1872	Philadelphia	1,000,000
1851	San Francisco	3,500,000	1872	Somerset, Pa.	1,000,000
1851	San Francisco	25,000,000	1872	Philadelphia	1,000,000
1851	San Francisco	6,000,000	1873	Fleetwood Park, N. Y.	1,000,000
1851	Stockton, Cal.	1,000,000	1873	Michigamme, Mich.	1,000,000
1851	Nevada, Cal.	1,500,000	1873	Baltimore	1,000,000
1852	Sacramento, Cal.	5,000,000	1873	Portland, Ore.	1,500,000
1852	Pittsburg	.....	1873	Chicago	1,400,000
1854	Troy, N. Y.	1,000,000	1873	Oakland, Cal.	1,400,000
1853	New York	1,375,000	1873	Boston	1,100,000
1853	New Orleans	1,000,000	1874	Chicago	5,000,000
1854	Jersey City	1,000,000	1874	Boston	1,000,000
1854	Milwaukee	1,000,000	1874	Oshkosh, Wis.	1,000,000
1856	Syracuse, N. Y.	1,000,000	1874	Muskegon, Mich.	1,000,000
1857	Mobile, Ala.	1,850,000	1875	Montpelier, Vt.	1,500,000
1858	New York	1,000,000	1875	Oshkosh, Wis.	2,500,000
1859	Key West, Fla.	2,750,000	1875	Osceola, Pa.	2,000,000
1860	New York	.....	1875	Virginia City, Nev.	7,500,000
1861	Boston	1,000,000	1875	New York	1,750,000
1861	Charleston, S. C.	10,000,000	1876	New York	1,500,000
1862	Troy, N. Y.	3,000,000	1877	St. Louis	1,000,000
1863	Denver	1,500,000	1877	Galveston, Tex.	1,200,000
1863	Yazoo City, Miss.	1,000,000	1877	Pittsburg	3,000,000
1863	Wilmington, N. C.	1,000,000	1877	Paris, Tex.	1,500,000
1864	Hartford, Conn.	1,200,000	1879	Reno, Nev.	1,000,000
1864	Wilmington, N. C.	5,000,000	1879	Deadwood, Dak.	1,000,000
1865	Danville, Va.	2,000,000	1879	New York	3,500,000
1865	New York	1,500,000	1880	Milton, Pa.	2,000,000
1865	Columbia, S. C.	.....	1882	Haverhill, Mass.	2,375,000
1865	Columbus, Miss.	1,000,000	1882	Leadville, Colo.	1,000,000
1865	Salt Lake City	1,200,000	1882	Philadelphia, Pa.	1,000,000

LARGE FIRES IN THE UNITED STATES AND CANADA—Continued.

Year.	Place.	Property Loss	Year.	Place.	Property Loss.
1883	Philadelphia, Pa.....	\$1,000,000	1906	San Francisco, Cal.....	\$1,000,000
1883	Jersey City, N. J.....	1,500,000	1906	Newport, R. I.....	1,000,000
1884	Cleveland, O.....	1,000,000	1906	San Francisco, Cal.....	350,000,000
1885	Galveston, Tex.....	1,500,000	1906	Barren Island, N. Y.....	1,000,000
1886	Detroit, Mich.....	1,000,000	1907	New York, N. Y.....	1,500,000
1886	Key West, Fla.....	1,400,000	1907	Iloilo, P. I.....	1,000,000
1888	New York.....	1,150,000	1907	Coney Island, N. Y.....	1,500,000
1888	Buffalo.....	1,100,000	1907	Superior, Wis.....	1,600,000
1889	Buffalo.....	1,100,000	1908	Portland, Me.....	1,000,000
1889	Ellensburg, Wash.....	1,100,000	1908	Chicago, Ill.....	1,000,000
1889	New York.....	3,000,000	1908	New York.....	2,500,000
1889	Seattle, Wash.....	5,000,000	1908	Atlanta, Ga.....	1,300,000
1889	Spokane, Wash.....	6,000,000	1908	Chelsea, Mass.....	12,000,000
1889	Boston.....	6,000,000	1908	New Orleans, La.....	1,400,000
1889	Lynn, Mass.....	5,000,000	1908	East Boston, Mass.....	1,500,000
1891	New York.....	1,550,000	1908	Chisholm, Minn., etc.....	5,000,000
1891	Cincinnati.....	1,350,000	1908	Duluth, Minn.....	1,000,000
1891	St. Louis.....	1,200,000	1908	Shelby, O.....	1,000,000
1892	New Orleans.....	3,000,000	1908	Midway, Ky.....	1,000,000
1892	New Orleans.....	3,000,000	1908	Chicago, Ill.....	1,600,000
1892	Milwaukee.....	6,000,000	1908	Chicago, Ill.....	1,250,000
1893	Boston.....	4,500,000	1909	Chicago, Ill.....	1,000,000
1893	Boston.....	1,000,000	1909	Port Costa, Cal.....	1,000,000
1893	Fargo, N. D.....	1,850,000	1909	New York.....	1,500,000
1893	Minneapolis.....	1,050,000	1909	Narragansett Pier, R. I.....	1,000,000
1893	New York.....	1,200,000	1909	Decatur, Ill.....	1,000,000
1894	Chicago, Ill.....	1,500,000	1910	Hamb'eton, W. Va.....	1,000,000
1895	Warren, R. I.....	1,000,000	1910	Lake Charles, La.....	1,000,000
1895	San Francisco.....	2,000,000	1910	Ford City, Pa.....	1,500,000
1896	Cripple Creek, Col.....	2,000,000	1910	Kansas City, Kan.....	1,500,000
1896	Ontonagon, Mich.....	1,100,000	1910	Minneapolis, Minn.....	1,000,000
1896	Chicago.....	1,150,000	1910	New York.....	1,500,000
1897	Knoxville, Tenn.....	1,000,000	1910	Wallace, Ida. (and adj. ter.)	4,500,000
1897	Newport News, Va.....	2,000,000	1910	Cedar Sour, Mont., and vic	6,000,000
1897	Pittsburg.....	2,000,000	1910	Blaine, Wash., and vicinity	1,000,000
1898	Pittsburg.....	2,000,000	1910	Minnesota.....	3,500,000
1898	San Francisco.....	2,000,000	1910	Cincinnati, O.....	1,750,000
1898	New York.....	1,000,000	1910	Chicago, Ill.....	1,000,000
1898	Terre Haute, Ind.....	1,850,000	1910	Marquette, Wis., and vicinity	1,200,000
1898	Chicago.....	1,100,000	1911	Jefferson City, Mo.....	1,000,000
1899	Memphis, Tenn.....	1,400,000	1911	Little Rock, Ark.....	1,000,000
1899	Victor, Col.....	2,000,000	1911	Albany, N. Y.....	5,500,000
1899	Dawson City, Neb.....	1,000,000	1911	Bangor, Me.....	3,500,000
1899	Philadelphia.....	3,000,000	1911	Brooklyn, N. Y.....	1,000,000
1900	Pittsburg.....	1,000,000	1911	Minneapolis, Minn.....	1,000,000
1900	Bloomington, Ill.....	1,800,000	1911	Coney Island "Dreamland"	2,500,000
1900	Hoboken, N. J.....	5,500,000	1911	Waters, Mich.....	1,125,000
1900	Bayonne, N. J.....	4,500,000	1911	Minneapolis, Minn.....	1,200,000
1900	Prescott, Ariz.....	1,000,000	1911	Washington C. H., O.....	1,250,000
1901	New York.....	1,100,000	1911	Chicago, Ill.....	1,100,000
1901	Jacksonville, Fla.....	11,000,000	1911	Benton, Pa.....	1,000,000
1902	Atlantic City, N. J.....	1,000,000	1912	New York, N. Y.....	3,000,000
1902	Waterbury, Conn.....	3,000,000	1912	Philadelphia, Pa.....	1,100,000
1902	Paterson, N. J.....	7,000,000	1912	Houston, Tex.....	4,500,000
1903	Rock Island, Ill.....	1,750,000	1912	Bayonne, N. J.....	1,000,000
1903	Cincinnati.....	2,000,000	1912	New York.....	1,000,000
1903	Beaumont, Tex.....	1,000,000	1912	Ocean Beach, Cal.....	1,125,000
1903	South Chicago, Ill.....	1,000,000	1912	Benicia, Cal.....	1,000,000
1903	St. Joseph, Mo.....	1,500,000	1912	Philadelphia, Pa.....	1,000,000
1904	Baltimore.....	50,000,000	1913	Dayton, O.....	1,250,000
1904	Rochester, N. Y.....	3,000,000	1913	Hamilton, O.....	2,000,000
1904	Yazoo City, Miss.....	1,800,000	1913	Long Island City, N. Y.....	1,000,000
1904	Peoria, Ill.....	1,000,000	1913	Bayonne, N. J.....	1,500,000
1904	Jersey City, N. J.....	1,000,000	1913	Hot Springs, Ark.....	225,000
1904	Shelby, O.....	1,500,000	1913	Savannah, Ga.....	1,100,000
1904	Chicago, Ill.....	1,000,000	1914	Wellesley, Mass.....	1,500,000
1904	Sioux City, Ia.....	1,860,000	1914	Portland, Ore.....	1,000,000
1905	Indianapolis, Ind.....	1,100,000	1914	Cleveland, O.....	1,250,000
1905	Boston, Mass.....	1,250,000	1914	Salem, Mass.....	14,000,000
1905	Hot Springs, Ark.....	1,500,000	1914	Tacoma, Wash.....	1,000,000
1905	New Orleans, La.....	3,200,000	1914	Clinton, Tex.....	1,000,000
1905	Cedar Rapids, Ia.....	1,500,000	1914	Jeannette, Pa.....	1,000,000
1906	East St. Louis, Ill.....	1,000,000	1914	Galveston, Tex.....	1,000,000
1906	Duluth, Minn.....	1,000,000	1914	West Orange, N. J.....	1,500,000
			1914	Trenton, N. J.....	1,000,000

LARGE FIRES IN THE UNITED STATES AND CANADA—Continued.

FIRES IN CANADA.

Year.	Place.	Property Loss.	Year.	Place.	Property Loss.
1865	Montreal.....	\$1,000,000	1901	Montreal.....	\$2,500,000
1815	Quebec.....	1,300,000	1904	Toronto.....	13,500,000
1816	St. Johns, N. F.....	.....	1904	Halifax, N. S.....	2,000,000
1817	St. Johns, N. F.....	.....	1906	Moncton, N. B.....	1,200,000
1819	St. Johns, N. F.....	.....	1908	Kenora, Ont.....	1,000,000
1826	St. Johns, N. F.....	.....	1908	Three Rivers, Que.....	2,000,000
1845	Quebec.....	1,000,000	1908	Fernie, B. C.....	4,000,000
1845	Quebec.....	1,500,000	1909	Quebec.....	1,200,000
1845	London, Ont.....	1,000,000	1910	Athabasca, Alta.....	1,030,000
1846	St. Johns, N. F.....	5,000,000	1910	Atikaman, Ont.....	1,500,000
1850	Fredericton, N. B.....	.....	1910	Rat Portage, Man.....	1,000,000
1852	Montreal.....	5,000,000	1910	Rainy River, Ont.....	1,000,000
1856	Quebec.....	3,000,000	1910	Arnprior, Ont.....	4,000,000
1874	Ottawa.....	1,000,000	1910	Campbellton and Richardsville, N. B.....	3,500,000
1876	St. Johns, Que.....	2,500,000	1910	Braeside, Ont.....	1,000,000
1876	St. Hyacinthe.....	1,250,000	1910	Victoria, B. C.....	1,000,000
1877	St. John, N. B.....	13,500,000	1911	Porcupine Dist., Ont.....	3,500,000
1881	Quebec.....	2,000,000	1911	Owen Sound, Ont.....	1,000,000
1892	St. Johns, N. F.....	25,000,000	1912	Halifax, N. S.....	1,000,000
1895	Toronto, Ont.....	1,250,000	1912	Chicoutimi, Que.....	1,000,000
1897	Windsor, N. S.....	1,000,000	1912	Vancouver, B. C.....	1,750,000
1898	New Westminster, B. C.....	2,000,000	1913	Calgary, Alta.....	1,000,000
1900	Ottawa and Hull.....	7,500,000			

ANNUAL FIRE LOSSES IN THE UNITED STATES FOR FORTY YEARS—1875-1914

[Mainly from the Chronicle Fire Tables.]

YEAR.	Aggregate Property Loss.	Aggregate Insurance Loss.	YEAR.	Aggregate Property Loss.	Aggregate Insurance Loss.
	\$	\$		\$	\$
1875.....	78,102,285	39,327,400	1896.....	118,737,420	73,903,800
1876.....	64,630,600	34,374,500	1897.....	116,354,575	66,722,145
1877.....	68,265,800	37,398,900	1898.....	130,593,905	73,796,080
1878.....	64,315,900	36,575,900	1899.....	153,597,830	92,683,715
1879.....	77,703,700	44,464,700	1900.....	160,929,805	95,403,650
1880.....	74,643,400	42,525,000	1901.....	165,817,810	100,798,645
1881.....	81,280,900	44,641,900	1902.....	161,488,355	94,775,045
1882.....	84,505,024	48,875,131	1903.....	145,302,155	* 104,000,000
1883.....	100,149,228	54,808,664	1904.....	1229,198,050	* 144,000,000
1884.....	110,008,611	60,679,818	1905.....	1165,221,650	* 116,000,000
1885.....	102,818,796	57,430,709	1906.....	1518,611,800	* 292,000,000
1886.....	104,924,750	60,506,564	1907.....	1215,084,709	* 127,000,000
1887.....	120,283,055	69,659,508	1908.....	1217,885,850	* 157,000,000
1888.....	110,885,665	63,965,724	1909.....	1188,705,150	* 143,000,000
1889.....	123,046,833	73,679,465	1910.....	1214,003,300	* 175,000,000
1890.....	108,993,792	65,015,465	1911.....	1217,004,575	* 190,000,000
1891.....	143,764,967	90,576,918	1912.....	1205,438,900	* 194,000,000
1892.....	151,516,098	93,511,936	1913.....	1203,763,550	* 196,000,000
1893.....	167,544,370	105,994,577	1914.....	1221,439,350	* 210,000,000
1894.....	140,006,484	89,574,699			
1895.....	142,110,233	84,689,030	Totals.....	5,968,857,595	3,945,359,583

* Estimated by publishers of the Insurance Year Book.

† From National Board Tables.

NOTABLE CONFLAGRATIONS IN THE WORLD'S HISTORY.

Even before men began to congregate and build cities, there existed the danger of prairie and forest fires; but these, except in a minor way, were not especially destructive of other property. When cities had been built and many thousands of people came to be housed within a small area, the danger of fire and its capacity for doing harm to men and their property were greatly augmented; and as cities increased in size, the fire hazard and the accumulated values subject to destruction were both correspondingly multiplied. During the last four thousand years many cities have been swept by fire, some of them several times; and some have been practically obliterated. Below will be found a list, compiled from various sources, of some of the more important fires of history, comprising those most notable because of the values or lives destroyed, or for some peculiar reason. The list of fires due to the European war, in 1914 and 1915, is necessarily incomplete:

YEAR.	Location.	YEAR.	Location.	YEAR.	Location.	YEAR.	Location.
B. C.		A. D.		A. D.		A. D.	
1897	Sodom and Gomorrah	1299	Westminster	1776	St. Kitts	1846	St. Johns, N. F.
1400	Jerusalem	1321	Geneva	1776	New York	1846	Albany
1141	Ephesus	1327	Munich	1777	New Orleans	1848	Orel, Russia
586	Jerusalem	1333	Geneva	1778	Charleston	1848	Constantinople
490	Platona	1349	Newcastle-upon-Tyne	1778	New York	1848	Albany, N. Y.
479	Athens	1385	Edinburgh	1778	Constantinople	1849	St. Louis
390	Rome	1388	Dunkirk	1780	St. Petersburg	1851	San Francisco (3)
241	Rome	1401	Edinburgh	1780	St. Petersburg	1852	Sacramento City
215	Rome	1405	Berne	1782	Constantinople	1853	Montreal
212	Rome	1405	Brussels	1782	Constantinople	1853	Constantinople
146	Corinth	1430	Geneva	1784	Port-au-Prince	1854	Gateshead
50	Rome	1471	Chester	1784	Brest	1858	Astrakan
48	Alexandria	1491	Dresden	1784	Constantinople	1858	Valparaiso
13-14	Rome	1507	Norwich	1784	Rokitsan, Bohemia	1858	Auckland
12	Rome	1512	Brest	1790	Carlskrona	1859	Key West
		1542	Edinburgh	1791	Constantinople	1859	St. Louis
A. D.		1544	Edinburgh	1792	Constantinople	1859	Constantinople
59	Lyons	1570	Moscow	1793	Archangel	1860	Barbadoes
64	Rome	1576	Antwerp	1794	Copenhagen	1861	Mendoza, S. A.
70	Jerusalem	1612	Cork	1794	Wapping, London	1861	Limoges
80	Rome	1631	Magdeburg	1795	Copenhagen	1861	London
154	Rome	1633	Constantinople	1795	Constantinople	1861	Charleston
154	Antioch	1655	Jeddo	1796	Smyrna	1862	Enschede, Holland
188	Rome	1666	London	1796	Barbadoes	1862	Troy
197	Lyons	1667	Archangel	1796	Baltimore	1863	St. Petersburg
260	Bordeaux	1675	Northampton	1797	Scutari	1863	Marseilles
273	Alexandria	1676	Southwark	1798	Wilmington	1863	Constantinople
393	Constantinople	1682	Wapping, London	1799	Peru	1863	Monastir
465	Constantinople	1689	Prague	1799	Constantinople	1864	Georgetown (2)
532	Constantinople	1692	Salem	1799	Manila	1864	Hankow
558	Paris	1694	Warwick	1802	Liverpool	1865	Port-au-Prince
640	Alexandria	1694	Dieppe	1803	Bombay	1865	New York
667	Rochester	1700	Charleston	1805	St. Thomas	1865	Constantinople
741	York Minster	1702	Bergen	1808	Spanish T'n, Trinidad	1865	Manila
781	Constantinople	1728	Copenhagen	1811	Smyrna	1866	London
798	London	1729	Constantinople	1812	Moscow	1866	Portland, Me.
802-7	Constantinople	1731	Baireuth	1814	Rangoon	1866	Quebec
807	Peterborough	1736	Peasmore	1816	Constantinople	1866	Valparaiso.
898	London	1737	Panama	1817	Pt. Louis, Mauritius	1866	Yokohama
917	Cordova	1737	Moscow	1818	Constantinople	1863	Albany, N. Y.
978	Cork	1737	Jaroslavl	1820	Canton	1868	Charleston, S. C.
982	London	1738	Martinique	1820	Savannah, Ga.	1869	Philadelphia
1004	Norwich	1742	Smyrna	1820	Paris	1870	Constantinople
1010	Northampton	1744	Brest	1820	Port-au-Prince	1870	Pera, Turkey
1013	Cork	1745	Constantinople	1821	Paramaribo	1870	Sam-Sun, Turkey
1069	York	1748	Moscow	1822	Canton	1870	Chicago
1086	London	1749	Constantinople	1824	Cairo	1871	Chicago
1087	London	1750	Constantinople	1825	New Brunswick	1871	Paris.
1092	London	1750	Moscow	1826	St. Johns, N. F.	1872	Constantinople
1102	Winchester	1751	Constantinople	1826	Constantinople	1872	Boston
1106	Venice	1752	Moscow	1827	Abo, Finland	1873	Alexandra Palace, London
1113	Mons	1753	Smyrna	1831	Constantinople	1873	Havana
1113	Worcester	1753	Archangel	1831	Bristol	1874	Constantinople
1116	Bath	1756	Berghen	1831	St. Thomas, W. I.	1874	Pimlico, London
1118	Nantes	1756	Constantinople	1833	Manila	1874	Chicago
1123	Lincoln	1758	Savannah	1833	Constantinople	1875	Oakhosh
1130	Rochester	1759	Salonica	1834	Houses of Parliament, London	1875	Virginia City
1135	London	1760	Boston	1835	New York	1875	Iquique, Peru
1137	York	1764	Lisbon	1836	Constantinople	1876	St. John's, Quebec
1140	Nottingham	1764	Konigsberg	1837	Surat	1876	Soderhamm, Sweden
1171	Canterbury	1765	Belgrade	1837	St. Petersburg	1876	Quebec
1171	Cairo	1769	Konigsberg	1837	Naples	1876	St. Hyacinth
1189	Carlisle	1769	St. John's	1838	Charlestown	1877	St. John, N. B.
1190	Dublin	1771	Constantinople	1839	New York	1877	Pittsburg
1203	Constantinople	1771	St. Petersburg	1841	Smyrna	1879	Irkutsk, Siberia
1204	Doncaster	1772	Smyrna	1842	Hamburg	1879	New York
1215	Bruges	1773	Moscow	1842	Liverpool	1879	Boston
1283	Dublin	1775	Limehouse	1845	Quebec	1882	Kingston, Jamaica (2)
1292	Carlisle	1775	St. George	1845	Smyrna	1883	Leadville, Colo.
				1845	New York	1883	Wood Street, London

NOTABLE CONFLAGRATIONS IN THE WORLD'S HISTORY—*Continued.*

YEAR.	Location.	YEAR.	Location.	YEAR.	Location.	YEAR.	Location.
A. D.		A. D.		A. D.		A. D.	
1882	Vienna	1900	Hoboken	1909	Osaka, Japan	1912	Constantinople
1884	Bayswater, London	1900	Bayonne	1909	Valdivia, Chile	1912	Castellon, Spain
1886	Aspinwall	1900	Ottawa-Hull, Canada	1909	London, England	1912	Chorlu, Turkey
1887	Paris	1901	Jacksonville	1910	Campbellton, N. B.	1912	Adrianople, Turkey
1887	Exeter, England	1901	Antwerp	1910	Wajima, Japan	1912	Tokio, Japan
1888	Sundsvall	1901	Montreal	1910	Brussels, Belgium	1913	Numadsu, Japan
1889	Seattle	1902	Paterson	1910	U. S. and Canada forest fires	1913	Scutari, Turkey
1889	New York	1902	Waterbury	1911	New York ("Tri- angle")	1913	Adrianople, Turkey
1889	Spokane	1904	Baltimore	1911	Santiago, Chile	1913	San Sebastian, Spain
1889	Boston	1904	Alesund, Norway	1911	Aux Cayes, Haiti	1914	Bombay
1889	Lynn	1904	Toronto	1911	Tokio, Japan	1914	Ceiba, Honduras
1890	Fort de France, Martinique	1904	Halifax	1911	Yamagata, Japan	1914	Salem, Mass.
1890	Sydney	1904	Rochester	1911	Bangor, Me.	1914*	Louvain, Belgium
1892	New Orleans	1905	New Orleans	1911	Albany, N. Y.	1914*	Dinant, Belgium
1892	New Orleans	1906	San Francisco	1911	Kirin, Manchuria	1914*	Termonde, Belgium
1892	Tokio	1906	Valparaiso, Chile	1911	Constantinople	1914*	Malines, Belgium
1892	Milwaukee	1906	Wellington, N. Z.	1911	Hankow, China	1914*	Aerschot, Belgium
1892	St. Johns, N. F.	1907	Iquique, Chile	1911	Nankow, China	1914*	Senlis, France
1893	Boston	1907	Kokodate, Japan	1911	Peking, China	1914*	Jaraslav, Austria
1893	Santander	1908	Kingston, Jamaica	1912	Osaka, Japan	1914*	Sempst, Belgium
1894	Shanghai	1908	Chelsea, Mass.	1912	New York (Equi- table)	1914*	Rheims, France
1894	Canton, China	1908	Noda Soy, Japan	1912	Valdivia, Chili	1914*	Albert, France
1894	Guayaquil	1908	Niigata, Japan	1912	Tien-Tsin, China	1914	Papeete, Tahiti
1896	Melbourne	1908	Chisholm, Minn., etc.	1912	Pao Ting Fu, China	1914*	Ypres, Belgium
1897	London	1908	Port-au-Prince, Hayti	1912	Tokio, Japan	1914*	Roulers, Belgium
1897	Paris	1908	Paris, France	1912	Damascus, Syria	1914*	Dixmude, Belgium
1898	Nijni-Novgorod	1908	El Oro, Mexico			1914*	Longwy, France
1899	Philadelphia	1909	Rostov-on-Don, Russia			1914*	Cracow, Austria
		1909	Acapulco, Mexico			1915	Colon, Canal Zone

*These and others were due to the European war.

FIRE PATROLS IN THE UNITED STATES.

The Association of Superintendents and Captains of Fire Patrols, Salvage Corps and Protective Associations of the United States is officered as follows: President, John T. Ruane, Minneapolis, Minn.; secretary and treasurer, Frank Whitmore, St. Paul, Minn.

Below is given a list of cities having fire patrols, as compiled by the above named association, together with the superintendent's or captain's name of each and its date of organization.

CITY.	Name of Association.	When Organized.	Superintendent or Captain.
Albany, N. Y.	Albany Protectives.	September 17, 1872.	Frank H. Wetherwax.
Baltimore, Md.	Fire Insurance Salvage Corps.	1872.	Malcolm W. Jordan.
Boston, Mass.	Protective Department.	1865.	Samuel Abbott, Jr.
Brooklyn, N. Y.	Fire Insurance Salvage Corps.	December 16, 1895.	James O. Schwank.
Chicago, Ill.	Fire Insurance Patrol.	October 1, 1871.	E. T. Shepherd.
Cincinnati, O.	Salvage Corps.	November 16, 1886.	J. J. Conway.
Duluth, Minn.	Duluth Salvage Corps.	June, 1896.	Joseph Randall.
Indianapolis, Ind.	Merchants Salvage Corps.	September, 1900.	Herman F. Newman.
Janesville, Wis.	Fire Police Patrol.	March 17, 1855.	Wm. E. Behrendt.
Kansas City, Mo.	Fire Patrol.	June 1, 1889.	J. F. Pelletier.
Louisville, Ky.	Salvage Corps.	April 14, 1888.	B. Duffy.
Memphis, Tenn.	Salvage Corps.	May 17, 1893.	M. P. Conroy.
Milwaukee, Wis.	Fire Insurance Patrol.	December 1, 1886.	M. J. Curtin.
Minneapolis, Minn.	Salvage Corps & Fire Patrol.	October 15, 1895.	John T. Ruane.
Newark, N. J.	Salvage Corps.	July 1, 1879.	Henry S. Martin.
New Orleans, La.	Fire Insurance Patrol.	1874.	James Walsh.
New York, N. Y.	Fire Patrol.	October, 1839.	James O. Schwank.
Philadelphia, Pa.	Fire Insurance Patrol.	July 15, 1869.	Joseph H. Shermer.
Providence, R. I.	Protective Department.	February 1, 1875.	Chas. H. Swan.
San Francisco, Cal.	Fire Patrol.	May, 1875.	John F. O. Comstock.
St. Louis, Mo.	Underwriters Salvage Corps.	July 4, 1874.	James T. O'Donnell.
St. Paul, Minn.	Fire Insurance Patrol.	October 23, 1895.	Frank Whitmore.
Worcester, Mass.	Protective Department.	December 1, 1875.	H. R. Williamson.

STATISTICS OF FIRES IN 1914 IN AMERICAN CITIES—Continued.

PLACE.	Total No. of Alarms.	Total Property Loss. \$	Total Insurance Involved. \$	Total Insurance Loss. \$	Per Cent of Fires Confined to Building.	Loss per Capita. \$	PLACE.	Total No. of Alarms.	Total Property Loss. \$	Total Insurance Involved. \$	Total Insurance Loss. \$	Per Cent of Fires Confined to Building.	Loss per Capita. \$
MICHIGAN—Cont.							NEW YORK—Cont.						
Flint.....	241	88,262	364,595	70,204	99	1.80	Watertown.....	159	63,964	1,671,664	49,192	98	2.13
Grand Rapids.....	571	157,848	3,423,445	129,114	96	1.26	Yonkers.....	682	136,916	2,156,385	125,846	99	1.49
Jackson.....	203	34,424	344,700	32,028	99	.91							
Kalamazoo.....	207	97,303	1,208,935	97,092	...	2.16	NORTH CAROLINA.						
Lansing.....	232	35,106	1,118,650	31,977	99	.84	Charlotte.....	290	395,831	3,461,390	225,259	99	7.28
Muskegon.....	216	13,942	570,490	10,174	97	.54	Wilmington.....	192	58,792	917,775	48,942	97	1.83
Port Huron.....	170	371,000	380,300	358,450	93	16.13	OHIO.						
Saginaw.....	430	226,121	512,300	.....	99	4.11	Akron.....	470	243,781	1,871,754	215,206	100	2.80
MINNESOTA.							Canton.....	181	71,943	2,312,538	69,047	99	1.11
Duluth.....	501	250,760	1,804,140	134,640	98	2.79	Cincinnati.....	2,017	699,473	5,486,937	519,013	...	1.74
Minneapolis.....	2,474	1,086,225	25,332,360	1,031,671	96	3.10	Cleveland.....	3,096	1,756,863	.....	.....	2.66	
St. Paul.....	1,887	750,553	9,500,000	710,553	96	3.13	Columbus.....	912	162,700	1,166,925	131,562	98	1.80
Winona.....	143	22,085	174,085	21,260	100	.96	Dayton.....	897	330,774	2,430,684	281,644	95	2.54
MISSISSIPPI.							East Liverpool.....	169	9,216	836,477	7,102	99	4.2
Jackson.....	281	90,436	606,850	87,108	91	3.23	Findlay.....	54	40,880	151,550	37,680	93	2.63
Meridian.....	507	67,849	1,980,158	.....	99	2.36	Hamilton.....	281	14,535	673,775	13,915	99	3.82
Vicksburg.....	297	206,315	980,100	.....	90	9.38	Lima.....	250	34,424	741,620	28,854	99	.98
MISSOURI.							Lorain.....	188	22,037	470,025	19,352	99	.63
Jonlin.....	395	53,930	204,950	56,888	98	1.54	Mansfield.....	124	90,827	481,765	90,827	100	4.13
Kansas City.....	2,704	969,179	21,331,255	869,677	92	3.46	Newark.....	94	25,262	89,750	21,618	96	.90
St. Joseph.....	540	73,956	1,208,695	67,956	97	.92	Norwood.....	94	6,770	133,000	4,103	100	.34
St. Louis.....	4,674	2,900,522	16,376,738	2,460,038	91	3.42	Portsmouth.....	132	177,926	148,650	64,300	...	5.93
Springfield.....	366	217,619	670,707	196,136	97	4.84	Sandusky.....	113	87,668	574,750	86,641	99	3.98
MONTANA.							Springfield.....	297	209,541	1,439,750	175,149	100	4.03
Butte.....	262	42,865	2,223,199	41,924	98	.93	Steuersville.....	119	15,197	.....	13,637	100	.58
Great Falls.....	111	36,526	733,450	34,961	99	1.82	Toledo.....	1,129	260,493	4,623,745	237,621	96	1.33
NEBRASKA.							Youngstown.....	719	173,197	12,540,654	166,959	97	1.68
Lincoln.....	287	67,580	1,314,100	58,660	99	1.35	Zanesville.....	91	5,781	64,650	4,301	100	.19
Omaha.....	1,022	230,483	16,527,795	216,322	84	1.77	OKLAHOMA.						
South Omaha.....	235	32,334	427,300	26,074	97	1.20	Muskogee.....	171	25,048	681,540	20,228	99	.66
NEW HAMPSHIRE.							Oklahoma City.....	606	200,301	761,000	.....	96	2.50
Concord.....	313	86,175	122,750	38,865	99	3.75	OREGON.						
Manchester.....	578	1,069,351	1,815,509	980,987	99	14.07	Portland.....	1,855	1,762,493	6,666,743	1,520,161	97	6.78
Nashua.....	263	61,010	192,400	46,575	100	2.03	PENNSYLVANIA.						
							Allentown.....	129	31,707	726,575	26,987	95	.50
							Altoona.....	468	38,950	1,100,550	31,571	98	.59

NEW JERSEY.										
Atlantic City.....	295	45,215	.....	36,746	99	.84	Braddock.....	102	43,667
Bayonne.....	422	44,407	955,475	44,407	99	.68	Butler.....	52	28,999	
Camden.....	494	171,469	471,093	80,000	98	1.68	Chester.....	110	185,089	
East Orange.....	215	20,439	.....	20,439	100	.51	Easton.....	136	46,997
Elizabeth.....	362	96,371	1,414,496	96,371	99	1.18	Erie.....	332	170,856	
Hoboken.....	301	266,999	2,264,275	201,981	97	2.75	Harrisburg.....	245	117,878	
Jersey City.....	1,045	372,327	3,226,952	339,517	97	1.24	Hazleton.....	54	32,193	
Kearny.....	112	124,509	453,400	117,601	96	6.48	Johnstown.....	541	1,793,450	
Montclair.....	215	128,081	378,350	128,081	...	5.12	Lancaster.....	105	112,950	
Newark.....	1,913	1,280,110	13,592,523	1,166,210	93	3.20	Lebanon.....	31	96,090	
New Brunswick.....	137	36,219	278,100	35,969	97	1.30	McKeesport.....	193	156,182	
Orange.....	160	15,115	189,035	.....	100	.49	New Castle.....	314	35,731
Passaic.....	290	77,672	1,364,075	77,672	99	1.18	Norristown.....	74	76,250	
Paterson.....	512	312,980	4,906,300	311,070	98	2.32	Philadelphia.....	5,061	75,120,650	
Plainfield.....	198	40,162	425,524	39,732	100	1.83	Pittsburgh.....	2,160	1,750,437	
Trenton.....	396	1,577,755	.....	972,414	...	15.32	Pottsville.....	36	489,197
West Hoboken.....	101	84,300	822,900	23,343	94	.59	Reading.....	155	106,297	
NEW YORK.										
Albany.....	1,003	600,788	4,041,667	551,897	97	5.46	Saratoga.....	548	277,450	
Amsterdam.....	156	76,798	1,132,700	74,798	98	2.19	Shenandoah.....	37	6,350	
Auburn.....	120	73,740	1,545,350	72,045	100	2.05	Shenandoah.....	75	40,860	
Binghamton.....	224	336,846	1,180,800	328,596	98	6.24	South Bethlehem.....	46	62,697	
Buffalo.....	2,279	1,167,996	16,931,609	1,167,996	99	2.54	Wilkes-Barre.....	246	62,151	
Cohoes.....	99	39,850	1,211,875	38,217	100	1.59	Williamsport.....	141	70,775	
Elmira.....	252	150,000	952,900	138,268	100	3.75	York.....	94	26,109	
Glens Falls.....	131	75,202	805,151	69,591	96	4.56	RHODE ISLAND.			
Gloversville.....	131	258,029	634,540	221,689	98	12.29	Central Falls.....	123	9,500	
Jamestown.....	176	92,313	2,863,225	85,437	98	2.49	Newport.....	781	41,880	
Kingsford.....	103	67,443	.....	66,868	100	2.50	Pawtucket.....	98	98,244
Mt. Vernon.....	163	22,052	1,284,070	18,251	99	.59	Providence.....	1,956	694,351	
Newburgh.....	48	18,498	.....	15,098	99	.81	Woonsocket.....	292	19,195
New Rochelle.....	145	61,268	439,275	54,337	98	1.75	SOUTH CAROLINA.			
New York City.....	16,245	8,217,811	.....	.....	98	1.44	Charleston.....	247	37,041
* Manhattan, Bronx and Richmond.....	10,405	5,362,366	.....	.....	...	...	Columbia.....	243	105,641
Brooklyn and Queens.....	5,840	2,854,445	98	1.61	TENNESSEE.			
Oswego.....	142	107,800	489,125	107,800	97	1.21	Chattanooga.....	335	56,504	
Poughkeepsie.....	129	44,035	438,050	42,272	96	4.31	Knoxville.....	393	82,624	
Rochester.....	1,158	300,832	759,020	51,809	100	1.23	Memphis.....	1,229	822,928	
Rome.....	102	51,809	135,070	911,323	99	2.16	Nashville.....	663	380,972	
Schenectady.....	375	296,587	3,729,880	281,748	95	1.50	TEXAS.			
Syracuse.....	609	284,788	2,672,684	284,788	...	1.85	Austin.....	164	49,877	
Troy.....	279	117,739	2,989,875	110,518	99	3.65	Beaumont.....	218	83,541	
Utica.....	387	99	1.47	Dallas.....	764	546,301	
							El Paso.....	310	61,374	
									37,098	
									80,487	
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* Insurance loss for Manhattan and Bronx as reported by the Fire Patrol, \$7,912,216, or \$2.44 per capita.

STATISTICS OF FIRES IN 1914 IN AMERICAN CITIES—Continued.

PLACE.	No. of Alarms.	Total Property Loss.	Total Insurance Involved.	Total Insurance Loss.	Per Cent of Fires Confined to Building.	Loss per Capita.	PLACE.	Total No. of Alarms.	Total Property Loss.	Total Insurance Involved.	Total Insurance Loss.	Per Cent of Fires Confined to Building.	Loss per Capita.
TEXAS—Cont.							WASHINGTON.						
Fort Worth.....	685	\$ 486,222	\$ 4,176,115	\$ 462,337	96	5.05	Bellingham.....	211	\$ 29,474	\$ 319,383	\$ 29,474	98	.98
Galveston.....	361	1,554,269	3,152,495	1,218,117	100	33.06	Everett.....	231	49,901	800,866	45,049	98	1.56
Houston.....	791	596,679	5,936,759	427,893	91	4.79	Seattle.....	2,081	896,688	5,285,404	.....	98	2.96
San Antonio.....	454	195,340	2,623,790	182,650	96	1.70	Spokane.....	1,132	314,371	3,216,975	.....	97	7.86
Waco.....	271	245,241	534,000	220,241	95	6.12	Tacoma.....	1,110	368,133	935,444	230,527	99	9.61
UTAH.							Walla Walla.....	152	44,770	436,265	40,207	97	1.95
Ogden.....	186	37,585	463,750	25,441	99	1.25	West VIRGINIA.						
Salt Lake City.....	573	120,855	5,277,760	103,932	97	1.10	Charleston.....	213	415,072	1,141,199	265,408	94	13.83
VERMONT.							Huntington.....	204	61,576	282,901	46,362	97	1.47
Burlington.....	263	19,686	296,095	19,013	100	.86	Parkersburg.....	122	35,000	.....	.....	94	1.75
VIRGINIA.							Wheeling.....	218	100,362	1,322,350	72,404	96	2.21
Danville.....	74	38,631	.....	.....	96	1.54	WISCONSIN.						
Lynchburg.....	175	39,592	582,600	37,909	99	1.22	Eau Claire.....	192	16,676	359,889	15,501	99	.88
Newport News.....	121	6,885	188,775	6,565	100	.27	Green Bay.....	98	44,271	631,725	40,589	98	1.57
Norfolk.....	528	280,651	3,204,239	243,937	96	3.30	Kenosha.....	109	161,743	867,000	161,743	99	6.47
Petersburg.....	125	27,814	378,200	27,814	94	1.11	La Crosse.....	161	54,432	376,395	40,167	98	1.75
Portsmouth.....	145	48,757	213,075	30,749	94	1.22	Madison.....	215	43,002	61,500	35,040	100	1.43
Richmond.....	702	169,704	3,390,575	164,536	99	1.02	Milwaukee.....	2,796	777,946	28,811,289	749,081	98	1.85
Roanoke.....	237	77,641	871,275	66,183	98	1.72	Oshkosh.....	147	23,686	1,050,858	23,686	98	.56
							Racine.....	157	15,151	478,650	14,081	100	.96
							Sheboygan.....	68	34,109	65,100	33,882	99	1.18
							Superior.....	319	623,791	2,734,465	550,183	99	13.86

STATISTICS OF FIRES IN 1914 IN FOREIGN CITIES.
Prepared for the National Board of Fire Underwriters by its Committee on Statistics and Origin of Fires.

PLACE.	No. of Alarms.	Total Property Loss.	Total Insurance Involved.	Total Insurance Loss.	Per Cent of Fires Confined to Building.	Loss per Capita.	PLACE.	Total No. of Alarms.	Total Property Loss.	Total Insurance Involved.	Total Insurance Loss.	Per Cent of Fires Confined to Building.	Loss per Capita.
AUSTRALIA.							ITALY.						
Melbourne.....	2,368	.....	.....	.....	94	...	Brescia.....	134	\$ 21,116	.....	.....	...	.25
AUSTRIA.							Florence.....	193	40,132	.....	.....	...	.17
Graz.....	120	6,576	.....	5,946	100	.42	Messina.....	142	40,936	.....	.....	99	.32
							Milan.....	988	390,104	.....	.....	100	.48
							Ravenna.....	22	17,986	.....	.....	100	.14

INCENDIARISM AND ARSON.

At the annual meeting of the National Board of Fire Underwriters, held May 27, 1915, the following list of rewards offered was presented by the Committee on Incendiarism and Arson:

NUMBER AND AMOUNT OF REWARDS OFFERED IN EACH STATE FROM APRIL 1, 1914, TO APRIL 1, 1915.

STATE.	No.	Amount.	STATE.	No.	Amount.
Alabama.....	9	\$2,750	New Mexico.....	3	\$1,500
Arkansas.....	5	1,300	New York.....	17	5,650
Connecticut.....	1	500	North Carolina.....	1	500
Florida.....	5	1,050	North Dakota.....	1	300
Georgia.....	3	800	Oklahoma.....	3	650
Illinois.....	2	550	Oregon.....	1	250
Indiana.....	1	200	Pennsylvania.....	5	1,550
Kansas.....	1	400	Rhode Island.....	1	200
Kentucky.....	6	1,450	South Carolina.....	1	250
Maine.....	2	800	Texas.....	5	1,550
Massachusetts.....	3	1,050	Vermont.....	2	750
Mississippi.....	4	1,500	Virginia.....	1	300
New Hampshire.....	1	250	West Virginia.....	2	750
New Jersey.....	4	1,750			
				90	\$28,550
				6393	2,120,425
				6483	\$2,148,975

Previously offered since 1873.....

Total offered.....

NUMBER AND AMOUNT OF REWARDS OFFERED EACH YEAR SINCE THE FIRST SUBSCRIPTIONS TO THE FUND IN 1873, VIZ :

YEAR.	No.	Amount.	YEAR.	No.	Amount.
1873-4.....	80	\$46,350	1895-6.....	213	\$68,450
1874-5.....	137	61,375	1896-7.....	265	81,150
1875-6.....	180	71,400	1897-8.....	240	71,000
1876-7.....	161	59,900	1898-9.....	226	68,600
1877-8.....	89	35,050	1899-1900.....	195	58,100
1878-9.....	163	59,550	1900-1901.....	202	62,000
1879-80.....	174	54,000	1901-1902.....	193	59,200
1880-1.....	123	41,375	1902-1903.....	162	51,400
1881-2.....	141	46,950	1903-1904.....	190	61,750
1882-3.....	148	48,200	1904-1905.....	130	43,800
1883-4.....	113	38,150	1905-1906.....	128	34,750
1884-5.....	169	59,500	1906-1907.....	81	22,800
1885-6.....	164	57,500	1907-1908.....	75	24,475
1886-7.....	167	51,050	1908-1909.....	138	40,850
1887-8.....	128	43,300	1909-1910.....	123	40,150
1888-9.....	143	50,700	1910-1911.....	71	21,850
1889-90.....	156	49,900	1911-1912.....	122	40,100
1890-1.....	159	49,100	1912-1913.....	124	41,250
1891-2.....	169	57,025	1913-1914.....	102	34,750
1892-3.....	212	74,700	1914-1915.....	90	28,550
1893-4.....	219	71,100			
1894-5.....	219	67,575	Total.....	6483	\$2,148,725

ANCIENT AND HONORABLE ORDER OF THE BLUE GOOSE.

Most Loyal Grand Gander, Fred W. Ransome, Columbus, O.;
Grand Supervisor of the Flock, J. R. Stewart, Toronto, Can.;
Grand Custodian of the Goslings, E. G. Carlisle, Chicago, Ill.;
Grand Guardian of the Nest, Gus M. Wise, 900 Sharp Bldg.,
Kansas City, Mo.; Grand Wielder of the Goose Quill, B. A. Lehnberg, Milwaukee, Wis.; Grand Keeper of the Golden Goose
Egg, W. J. Sonnen, Chicago, Ill.

STATE PONDS.

Pond.	Wielder of the Goose Quill.	Address.
Arkansas.....	Paul A. Schmueck.....	Little Rock, Ark.
California.....	E. A. Rowe.....	Los Angeles, Cal.
Colorado.....	C. F. Cashman.....	Denver, Col.
Dakota.....	W. E. Himmelwright.....	Fargo, N. D.
Golden Gate.....	Robt. W. Neal.....	San Francisco, Cal.

Pond.	Wielder of the Goose Quill.	Address.
Illinois.....	Irving Williams.....	Chicago, Ill.
Indiana.....	C. R. Tyrrell.....	Indianapolis, Ind.
Iowa.....	F. G. Snyder.....	Des Moines, Ia.
Kentucky.....	M. M. Hawhurst.....	Louisville, Ky.
Michigan.....	N. G. Burgess.....	Detroit, Mich.
Minnesota.....	J. P. Burnley.....	Minneapolis, Minn.
Missouri-Kansas.....	Chas. E. Seiden.....	Kansas City, Mo.
Nebraska.....	H. B. Matt.....	Omaha, Neb.
Ohio.....	J. H. Crane.....	Columbus, O.
Oklahoma.....	H. W. Crossin.....	Oklahoma.
Ontario.....	G. A. DeGroot.....	Toronto, Ont.
Oregon.....	F. E. Partridge.....	Portland, Ore.
Washington.....	R. H. Wisben.....	Spokane, Wash.
Wisconsin.....		Milwaukee, Wis.

COMPARATIVE EXHIBIT OF FIRE INSURANCE PREMIUMS IN NEW YORK CITY.

Below we present a table showing the premiums collected in New York city for two years as compiled from the semi-annual returns of the fire patrol to the New York Board of Fire Underwriters:

NAME AND LOCATION OF COMPANY.	1914.	1913.	NAME AND LOCATION OF COMPANY.	1914.	1913.
NEW YORK.	\$	\$	NEW YORK STATE—Cont.	\$	\$
Assurance Co. of America...	46,986	56,622	National Lumber, Buffalo...	43,670	42,716
Caledonian American...	35,643	39,134	Seneca, Buffalo...	3,464	.....
City of New York...	133,886	109,123	Union, Buffalo...	39,145	37,403
Colonial...	41,015	45,614			
Commercial Union Fire...	64,442	33,756	ARIZONA.		
Commonwealth...	93,971	82,924	Arizona, Phoenix...	18,741	.....
Continental...	363,481	332,430			
Fidelity-Phenix...	253,690	239,151	CALIFORNIA.		
German Alliance...	55,273	70,732	California, San Francisco...	7,686	.....
German-American...	818,846	862,417	Firemans Fund, San Francisco	123,519	128,471
Germania...	232,916	262,053	Vulcan, Oakland...	4,179	3,564
Globe and Rutgers...	309,195	317,620			
Greenwich...	.....	5,215	COLORADO.		
Hamilton...	19,225	32,526	Imperial, Denver†...	.....	7,924
Hanover...	170,668	212,566	Merchants, Denver...	11,040	13,786
Home...	1,066,686	1,284,438			
Imperial†...	39,669	48,804	CONNECTICUT.		
Knickerbocker...	7,005	4,784	Ætna, Hartford...	460,933	545,675
Liverpool & London & Globe	8,662	.....	Connecticut, Hartford...	108,809	109,683
Lumber...	41,819	54,361	Hartford, Hartford...	290,423	292,087
Merchants Fire...	86,408	90,988	National, Hartford...	264,860	231,333
Nassau & Dutchess...	.....	92,779	Orient, Hartford...	106,467	111,473
New York Underwriters...	44,778	49,376	Phoenix, Hartford...	219,462	229,075
Niagara...	308,601	293,672	Security, New Haven...	60,932	82,143
Northern...	58,854	63,128	Standard, Hartford...	34,037	32,952
North British and Mercantile	44,166	44,635			
North River...	323,572	342,502	DISTRICT OF COLUMBIA.		
Pacific...	40,269	41,376	Arlington, Washington...	4,164	2,879
Queen of America...	149,520	157,392	Firemens, Washington...	15,660	17,817
Richmond...	50,885	42,502	First National, Washington...	11,900	.....
Stuyvesant...	67,729	61,838	Franklin, Washington†...	.....	16,535
United States...	150,185	163,326	Potomac, Washington...	*5,591	.....
Vulcan...	31,225	14,818			
Westchester...	244,049	286,727	ILLINOIS.		
Williamsburgh City, B'klyn...	230,464	258,817	Calumet, Chicago†...	.....	10,130
			Central National, Chicago...	*9,357	32,174
Lloyds.			German, Peoria...	25,818	17,132
Allied Underwriters...	3,727	4,377	Millers National, Chicago...	39,592	43,834
American Ex. Underwriters...	24,562	32,937			
American Lloyds...	17,274	22,029	INDIANA.		
Great Western Lloyds...	9,619	12,382	Sterling, Indianapolis...	47,405	28,050
Individual Underwriters...	45,596	51,753			
Lumber Underwriters...	3,861	7,878	IOWA.		
Merchants Fire Lloyds...	1,396	2,200	Dubuque F. & M., Dubuque...	18,397	22,442
National Underwriters...	6,628	8,235			
New York and Boston Lloyds	7,865	9,596	LOUISIANA.		
New York Fire & Marine Und	8,389	13,428	Mecha. & Traders, New Orleans	50,243	43,799
New York Reciprocal Undrs.	64,441	64,234	Teutonia, New Orleans†...	.....	28,957
North Amer. Inter Insurers.	25,574	26,057			
Norwegian Underwriters...	6,136	.....	MARYLAND.		
Union Underwriters...	6,512	7,496	Citizens, Baltimore...	72,515	78,917
Workmens Furniture F. Assn.	3,793	3,564	German-American, Baltimore	41,048	39,193
NEW YORK STATE.			MASSACHUSETTS.		
Agricultural, Watertown...	126,271	140,444	Berkshire Mut., Pittsfield...	1,353	.....
Albany, Albany...	31,047	28,930	Boston...	156,628	168,438
Buffalo Commercial...	*6,276	33,839	Massachusetts F. & M., Boston	41,515	39,324
Buffalo German, Buffalo...	61,930	55,231	Merrimack Mut., Andover...	*80	.....
Commerce, Albany...	14,800	10,288	Old Colony, Boston...	42,458	50,376
Glen Cove Mutual, Glen Cove	4,234	2,936	Salem Mut., Salem...	*330	.....
Glens Falls, Glens Falls...	133,837	142,807	Spring'd F. & M., Spring'd...	147,922	153,202
Mutual, Albany...	2,662	1,124			

* For six months only.

† Retired from business.

‡ Formerly the Pelican.

s Merged with the Williamsburgh City.

c Merged with Pacific Fire.

COMPARATIVE EXHIBIT OF FIRE INSURANCE PREMIUMS—Continued.

NAME AND LOCATION OF COMPANY.	1914.	1913.	NAME AND LOCATION OF COMPANY.	1914.	1913.
MICHIGAN.			PENNSYLVANIA—Cont.		
Columbian National, Detroit.	25,816	*3,675	United Firemens, Phila.....	\$ 69,095	\$ 62,945
Detroit F. and M., Detroit...	57,855	59,501	Western, Pittsburg.....	53,884	56,334
Detroit National, Detroit....	22,659	*20,156			
Michigan Commercial, Lans'g	40,089	35,604	RHODE ISLAND.		
Michigan F. and M., Detroit.	45,279	47,040	Equitable F. & M., Prov. ...	50,173	54,495
Michigan Millers, Lansing...	38,428	37,663	Pawtucket Mut., Pawtucket.	*397	.....
			Providence Washington, Prov	177,501	188,542
			Rhode Island, Providence...	41,641	45,652
MINNESOTA.			TEXAS.		
Minneapolis F. & M., Minn's.	32,185	22,927	Republic Underw., Dallas...	.....	2,006
Northwestern F. & M., Minn.	1,644	.....		
St. Paul F. & M., St. Paul...	136,688	137,386			
MISSOURI.			VIRGINIA.		
American Central, St. Louis..	107,980	126,174	Virginia F. & M., Richmond.	79,628	101,246
Citizens, St. Louis.....	22,775	18,456			
Individual Under, St. Louis.	*1,980	3,682			
NEW HAMPSHIRE.			WEST VIRGINIA.		
Capital, Concord.....	54,120	59,771	German, Wheeling.....	56,114	49,193
Granite State, Portsmouth...	16,724	19,158			
New Hampshire, Manchester.	51,680	42,263			
NEW JERSEY.			WISCONSIN.		
American, Newark.....	242,696	137,151	Concordia, Milwaukee.....	77,340	85,046
Camden.....	97,139	105,472	Milwaukee Mechanics, Mil...	84,396	73,623
Firemens, Newark.....	201,364	213,939	Northwestern Nat., Mil....	53,364	61,523
Firemens Underwriters, Newk	*595	.....		
National F. & M., Elizabeth..	*9,668	.....	CANADA.		
Newark, Newark.....	64,617	55,669	British America, Toronto....	99,743	127,339
New Jersey, Newark.....	43,340	67,060	Western, Toronto.....	87,708	79,225
New Brunsw'k, N. Brunsw'k..	40,604	47,665			
Standard, Trenton.....	29,169	33,145			
NEW MEXICO.			FRANCE.		
Occidental, Albuquerque....	1,770	.....	Generale, Paris.....	54,214	46,696
			National, Paris.....	33,732	35,618
NORTH CAROLINA.			Phenix, Paris.....	41,965	47,558
Dixie, Greensboro.....	44,120	51,824	Union, Paris.....	31,451	32,105
			Urbaine, Paris.....	34,566	24,647
OHIO.			GERMANY.		
Amer. Druggists, Cincinnati.	4,560	4,228	Aachen & Munich, Aix-la-C.	113,909	110,428
Central Mfrs., Van Wert....	645	*4,739	Hamburg-Bremen, Hamburg.	59,262	66,533
Cleveland Nat., Cleveland...	*2,273	.....	Nord-Deutsche, Hamburg...	75,510	52,436
Ohio Farmers, Le Roy.....	45,304	50,435	Prussian National, Stettin...	60,421	60,070
Teutonia, Dayton.....	9,417	8,915			
PENNSYLVANIA.			GREAT BRITAIN.		
Allemania, Pittsburg.....	52,080	47,534	Atlas, London.....	111,922	128,294
Alliance, Philadelphia.....	68,810	60,720	Caledonian, Edinburgh.....	183,297	185,612
American, Philadelphia.....	20,679	20,670	Century, Edinburgh.....	21,213	11,653
County Fire of Phila., Phila.	26,546	39,223	Commercial Union, London..	505,605	219,557
Farmers, York.....	32,613	46,989	Law Union and Rock London	46,361	94,077
Fire Association, Philadelphia	225,879	223,204	Liverpool & Lon. & Globe, Liv	1,037,789	1,255,044
Franklin, Philadelphia.....	77,848	101,517	London Assur. Corp., Lon...	235,832	261,363
German, Pittsburg.....	35,210	50,053	London & Lancashire, Liv...	274,179	298,211
German-American, Pittsburg.	19,802	31,858	Lon. & Lanc. L. & Gen. Lon.	*18,539	.....
Girard F. & M., Philadelphia.	23,507	28,377	Nor. Brit. & Merc., Lon...	500,320	639,030
Humboldt, Pittsburg.....	26,595	25,191	Northern, London.....	204,605	217,710
Independence, Philadelphia...	4,789	3,349	Norwich Union, Norwich....	140,657	157,012
Ins. Co. of North America, Phil.	209,645	227,453	Palatine, London.....	152,792	94,427
Ins. Co. of State of Pa., Phil.	68,754	81,551	Phoenix, London.....	229,582	267,268
Lumbermens, Philadelphia...	21,282	30,920	Royal, Liverpool.....	540,672	534,306
Mechanics, Philadelphia.....	31,294	36,843	Royal Exchange, London....	110,616	114,101
National-Ben Franklin, Pittsb	104,736	103,263	Scottish Un. & Nat'l, Ed'b'g	249,873	311,934
National Union, Pittsburg...	79,135	76,025	State, Liverpool.....	32,754	3,771
Pennsylvania, Philadelphia...	125,356	133,296	Sun, London.....	204,865	228,839
Peoples Nat., Philadelphia...	100,755	98,866	Union Assurance, London...	74,224	33,900
Pittsburgh, Pittsburg.....	14,951	21,440	Yorkshire, York.....	50,884	54,849
Reliance, Philadelphia.....	87,624	108,586			
Teutonia, Fire, Pittsburg....	28,170	34,816			
			HOLLAND.		
			Netherlands, Hague.....	45,854	14,406
			RUSSIA.		
			Salamandra.....	.....	55,280
			SWEDEN.		
			Svea, Gothenburg.....	78,284	58,330

* For six months only.

† Retired from business.

‡ Merged with Ins. Co. of State of Pennsylvania.

COMPARATIVE EXHIBIT OF FIRE INSURANCE PREMIUMS—Continued.

NAME AND LOCATION OF COMPANY.	1914.	1913.	NAME AND LOCATION OF COMPANY.	1914.	1913.
AUTOMOBILE BUSINESS.	\$	\$	AUTOMOBILE BUSINESS—Con.	\$	\$
Ætna, Hartford.....	153	124	Royal Exchange, London....	2,092	5,325
Alliance, London.....	510		Sea, Liverpool.....	996	1,970
Alliance, Philadelphia.....	1,836	561	Union Marine, Liverpool....	722	1,059
American & Foreign, N. Y....	996	1,309	U. S. Lloyds, N. Y.....	5,936	8,196
Automobile, Hartford.....	5,869				
Boston, Boston.....	5,425	6,965	Total New York State Cos.	5,820,376	6,671,742
British & Foreign Mar., Liv..	996	1,309	Total Cos. of Other States.	6,653,426	6,455,122
Columbia, Jersey City.....	5,412	7,782	Total Foreign Companies	5,743,212	5,942,561
Federal, Jersey City.....	17,140	16,839	Total Automobile Business	67,875	76,871
Firemans Fund, San Fran....	776	1,147			
Indemnity Mut. Mar., London	2,609	2,585	Aggregates 1914 and 1913..	18,284,889	19,147,294
Insurance Co. of N. A., Phila.	4,226	4,778	Aggregate, 1912.....		19,717,885
Mannheim, Mannheim.....	906	1,552	" 1911.....		18,797,738
Marine Insurance Co., Lon...	5,856	6,015	" 1910.....		20,085,861
Maryland Motor Car, Balt...	1,103	878	" 1909.....		18,776,816
Massachusetts, Boston.....	3,209	5,833	" 1908.....		17,901,078
Nord-Deutsche, Germany....	410	1,342	" 1907.....		19,455,514
Ocean Marine, Liverpool....	427	561	" 1906.....		17,522,702
Prov. Washington, Providence	376	179	" 1905.....		15,829,992
Reliance Marine, Liverpool..	427	501			

* For six months only.

FIRE INSURANCE IN CALIFORNIA FOR THIRTY YEARS.

Below will be found a tabulation showing the premiums received, losses incurred, estimated expenses and approximate trade profits of the stock fire insurance companies (in the aggregate) on their California business in each of the last thirty years:

YEAR.	Premiums Received.	Losses Incurred.	Ratio of Losses to Premiums.	Expenses, Estimated at 88½ Per Cent of Premiums.	Approximate Trade Profits.
	\$	\$	%	\$	\$
1914.....	16,265,378	6,668,350	41.0	5,421,793	4,175,235
1913.....	15,928,652	6,563,496	41.2	5,309,551	4,055,605
1912.....	16,008,211	5,388,668	33.7	5,336,070	5,283,473
1911.....	16,048,108	4,722,012	29.4	5,349,369	5,976,727
1910.....	15,315,772	4,877,327	31.8	5,105,257	5,333,188
1909.....	15,165,838	4,820,091	31.8	5,055,279	5,290,468
1908.....	14,537,608	4,534,808	31.2	4,845,869	5,156,931
1907.....	16,108,837	3,368,899	20.9	5,369,612	7,370,326
1906.....	13,728,052	175,110,480	1,275.3	4,576,017	—165,958,245
1905.....	10,328,591	4,018,266	38.9	3,442,864	2,867,461
1904.....	10,163,440	3,722,983	36.6	3,387,813	3,052,644
1903.....	8,252,676	4,316,764	52.3	2,750,892	1,185,020
1902.....	7,339,984	2,805,008	38.2	2,446,661	2,088,315
1901.....	7,522,402	2,387,171	31.7	2,507,467	2,627,764
1900.....	5,795,506	2,430,242	41.9	1,931,835	1,433,429
1899.....	5,422,277	2,624,532	48.2	1,807,426	990,319
1898.....	6,653,363	3,578,178	53.7	2,217,788	857,397
1897.....	4,707,019	2,637,707	55.3	1,589,006	540,306
1896.....	3,817,317	2,645,397	69.2	1,272,439	—100,519
1895.....	4,704,584	2,850,672	60.6	1,568,194	285,718
1894.....	6,336,735	2,815,672	44.4	2,112,245	1,408,818
1893.....	6,780,453	2,667,160	39.3	2,260,151	1,853,142
1892.....	6,975,185	2,715,820	38.9	2,325,002	1,934,303
1891.....	6,721,488	2,433,382	36.2	2,240,496	2,047,610
1890.....	6,303,324	2,753,396	43.6	2,101,108	1,448,820
1889.....	6,158,755	2,572,002	40.8	2,052,918	1,533,835
1888.....	6,087,042	3,049,431	51.8	2,029,014	1,008,597
1887.....	6,383,721	2,417,092	37.9	2,127,907	1,838,722
1886.....	5,185,772	2,654,371	51.2	1,728,591	802,810
1885.....	4,541,268	2,033,215	44.7	1,513,756	994,297
Totals, 30 years.....	275,347,358	276,182,592	100.3	91,782,453	—92,617,687

FIRE PREMIUMS RECEIVED

Below will be found the premium receipts of the respective fire insurance companies in 1914 in the (as in Brooklyn) the figures given represent only the premiums received in the district covered by limits of the borough.

NAME AND LOCATION OF COMPANY.	BOSTON, MASS.	BROOKLYN, N. Y.	CHICAGO, ILL.†	KANSAS CITY, MO.
Aachen Munich, Aix-la-Chapelle.....	\$ 25,497	\$ 27,473	\$ 53,814	\$ 13,106
Abington Mutual, Abington.....	1,532			
Ætna, Hartford.....	136,662	107,426	295,606	22,298
Ætna, A. & L., Hartford.....	119,910			
Agricultural, Watertown.....	55,297	28,845	104,321	6,218
Albany, Albany.....	14,892	17,632	39,668	
Allegheny Underwriters, Pittsburg.....			2,749	
Allemannia, Pittsburg.....	5,712	8,584	25,452	
Alliance, Philadelphia.....	17,204	7,180	19,760	
American, Newark.....	29,455	42,608	184,658	24,007
American Central, St. Louis.....	50,201	41,077	70,875	19,676
American Druggists, Cincinnati.....		2,874	13,965	219
American Lloyds, New York.....	13,946	4,425	8,359	1,248
Anchor, Des Moines.....				
Anglo-American, Chicago.....		6,287		
Arizona, Phoenix.....				
Arkwright, Boston.....	13,466			
Arlington, Washington.....	4,878	4,435		
Assurance Co. of America, New York.....	6,639	7,949	9,554	381
Atlas, London.....	44,541	32,215	106,448	10,285
Bankers and Merchants, Minneapolis.....				
Ben Franklin Underwriters, Pittsburg.....	9,999		11,442	
Berkshire, Pittsfield.....	5,204	34		
Birmingham, Pittsburg.....			8,953	
Blackstone, Providence.....	1,714		39	
Boston, Boston.....	73,504	24,362	73,640	6,069
British-America, Toronto.....	19,272	26,424	52,536	3,954
British and Federal Underwriters.....				
British Underwriters, Hartford.....			36,582	
Buffalo Commercial, Buffalo.....	*1,360	*1,620		
Buffalo German, Buffalo.....	17,040	25,856	80,489	16,610
Caledonian-American, New York.....	7,752	5,419		
Caledonian, Edinburgh.....	36,861	22,680	91,572	21,245
California, San Francisco.....		*308		
Calumet, Chicago.....			17,268	
Cambridge Mutual, Andover.....	99,419			
Camden, Camden.....	25,993	29,359	39,618	13,845
Capital, Concord.....	14,239	15,342		
Capital, Sacramento.....				
Central Manufacturers, Van Wert.....	2,627	429	9,784	
Central National, Chicago.....		-9,118		
Central Union, Kansas City.....				
Century, Edinburgh.....	9,828	15,175	22,764	
Cincinnati Underwriters, Cincinnati.....			20,771	
Citizens, Baltimore.....	7,524	25,048	13,467	
Citizens Mutual, Boston.....	1,586	4,704		
Citizens, St. Louis.....	36,566	39,553		8,612
City of New York, New York.....	18,837	23,784	24,299	2,786
City, Pittsburg.....		*1,149		2,165
Cleveland National, Cleveland.....				
Colonial, New York.....	9,573		3,298	316
Colonial Underwriters, Hartford.....	10,120			
Columbian, Indianapolis.....		2,816	22,877	
Columbian National, Detroit.....		7,158	12,735	3,651
Commerce, Albany.....	9,113			
Commercial, Washington.....				
Commercial Union, London.....	68,861	68,520	188,075	16,191
Commercial Union, New York.....	11,487	10,962	42,651	3,299
Commonwealth, Dallas.....		7,079		
Commonwealth, New York.....	50,572	26,006	37,397	1,723
Concordia, Milwaukee.....	17,281	24,550	50,458	3,749
Connecticut, Hartford.....	48,362	59,955	108,732	8,148
Continental, New York.....	77,928	121,363	164,512	14,456
Cotton and Woolen Mfg. Mutual, Boston.....	150		8,680	
County, Philadelphia.....	15,952	14,279	23,387	11,167
Delaware Underwriters, New York.....	9,308	33,771		
Detroit F. and M., Detroit.....	18,796	8,044	42,096	
Detroit National, Detroit.....	5,170	2,356		
Dixie, Greensboro.....	5,917	9,712	11,046	
Dubuque F. and M., Dubuque.....	11,500	4,704	38,421	

*Six months only. †Sprinkler leakage.

IN 1914 IN VARIOUS CITIES.

cities named, mainly as reported to State insurance departments or to fire patrols. In some instances the fire patrol or salvage corps, and do not include all the premiums received within the geographical

MILWAUKEE, WIS.	MINNE- APOLIS, MINN.	NEWARK, N. J.	PHILA- DELPHIA, PA.	SAN FRANCISCO, CAL.	ST. LOUIS, MO.	ST. PAUL, MINN.
\$	\$	\$	\$	\$	\$	\$
12,522	18,148	8,208	29,827	.....	12,767	5,005
24,786	41,539	27,324	96,311	193,466	72,131	17,716
6,234	27,545	9,061	81,662	27,442	18,579	19,631
.....	.....	8,049	19,259	.....	.....	.....
4,092	.....	6,279	18,807	.....	.....	.....
24,704	24,122	2,925	22,511	16,639	.....	.....
.....	.....	73,063	46,214	25,807	29,000	16,792
32,457	27,287	4,445	45,449	23,898	89,949	6,707
.....	2,149	675	5,791	.....	559	780
.....	3,528	1,038	.....	.....	2,718	2,395
.....	.....	.....	*905	.....	.....	.....
8,263	211	31	2,264	613	.....	.....
.....
.....	.....	164	2,126	.....	.....	.....
671	2,168	726	10,578	.....	3,328	306
14,690	5,275	10,596	44,842	40,996	15,209	5,447
.....	2,806	.....	.....	.....	.....	394
.....	.....	.....	5,972	.....	.....	.....
.....	.....	.....	790	.....	.....	.....
.....	.....	.....	6,261	.....	.....	.....
.....	.....	.....	2,272	.....	.....	.....
16,524	36,612	11,941	45,788	6,831	9,107	20,776
9,547	7,874	5,769	24,018	13,492	17,483	4,118
.....	.....	2,870	.....	25,351	.....	.....
.....	.....	125	.....	.....	.....	.....
5,886	9,351	5,087	12,395	.....	34,176	5,364
12,497	4,637	5,459	7,386	.....	10,004	3,558
.....	.....	12,718	31,458	19,586	.....	.....
.....	.....	.....	.....	80,339	.....	.....
4,144	16,967	14,001	55,990	4,042	6,523	7,581
1,183	974	670	7,929	5,425	.....	427
.....	.....	.....	5,168	.....	.....	.....
.....	.....	2,396	.....	.....	.....	.....
.....	.....	2,062	12,300	5,315	.....	.....
.....	.....	2,920	5,899	.....	.....	.....
5,397	7,460	3,302	21,999	245	26,383	5,903
6,272	.....	1,948	31,405	15,997	6,294	.....
1,342	.....	878	1,084	.....	3,480	.....
.....	.....	.....	7,863	.....	.....	.....
338	1,176	.....	6,852	.....	2,218	686
.....	.....	3,240	5,286	19,615	.....	.....
523	398	.....	.....	.....	.....	589
1,564	4,391	1,091	4,058	6,869	.....	2,474
5,244	7,235	4,258	7,038	.....	9,509	.....
.....	.....	18	1,758	2,709	.....	.....
29,000	21,832	10,958	70,177	62,760	39,278	12,941
7,711	4,863	4,587	8,579	4,925	6,326	2,752
22,066	27,916	11,831	39,539	.....	15,145	4,303
65,592	12,656	11,163	21,893	5,390	18,120	982
16,102	12,772	12,038	35,243	50,964	15,131	8,486
27,956	22,131	32,675	93,666	81,241	41,037	12,532
.....	.....	.....	.....	2,540	.....	.....
3,764	5,690	2,808	17,985	.....	9,046	1,720
.....	12,860	62,568	7,282	.....	.....	.....
10,147	6,672	4,808	13,713	4,044	.....	7,861
.....	1,762	1,585	5,797	.....	.....	606
.....	.....	.....	6,482	.....	.....	.....
7,280	10,728	373	7,026	18,573	24,170	13,099

†Year ending June 30, 1914.

FIRE PREMIUMS RECEIVED

NAME AND LOCATION OF COMPANY.	BOSTON, MASS.	BROOKLYN, N. Y.	CHICAGO, ILL.	KANSAS CITY, MO.
Duquesne Underwriters, Pittsburg.....	\$ 7,907	\$	\$	\$
Eastern Underwriters, Camden.....	2,928	.....	.....	.....
Equitable F. and M., Providence.....	22,940	21,329	19,948	6,382
Equity, Kansas City.....	.....	.....	.....	4,077
Farmers, New York.....	21,679	15,029	21,082	7,753
Federal, Jersey City.....	.....	.....	.....	18,833
Federal Union, Chicago.....	.....	.....	.....	.....
Fidelity-Phenix, New York.....	56,737	158,474	213,703	37,171
Fidelity Underwriters, New York.....	31,540	.....	45,662	.....
Fire Association, Philadelphia.....	73,761	42,387	90,883	17,318
Fireman's Fund, San Francisco.....	49,994	24,502	72,718	15,147
Firemen's Mutual, Providence.....	.....	.....	2,888	.....
Firemen's, Newark.....	53,247	51,144	82,139	19,862
Firemen's Underwriters, Newark.....	.....	1,806	.....	.....
Firemen's, Washington.....	.....	1,986	.....	.....
First National, Washington.....	2,985	3,154	.....	442
Fitchburg, Fitchburg.....	3,719	.....	.....	224
Franklin, Philadelphia.....	24,458	43,214	67,116	5,844
General, Paris.....	21,002	15,720	47,747	6,083
German, Peoria.....	.....	32,830	.....	.....
German, Pittsburg.....	.....	11,455	32,881	5,253
German, Wheeling.....	11,955	5,798	16,258	.....
German-Alliance, New York.....	34,528	11,291	39,860	1,875
German-American, Baltimore.....	7,240	6,084	11,015	.....
German-American, New York.....	111,890	155,658	133,891	35,292
German-American, Pittsburg.....	4,158	18,689	17,784	.....
Germania, New York.....	35,935	72,809	125,414	16,167
Girard F. and M., Philadelphia.....	10,209	7,106	73,348	4,994
Glens Falls, Glens Falls.....	50,451	66,335	90,838	21,259
Globe & Rutgers, New York.....	39,211	59,966	156,752	29,885
Globe Underwriters, New York.....	.....	.....	.....	.....
Granite State, Portsmouth.....	14,670	5,220	9,827	4,457
Grain Dealers National, Indianapolis.....	350	.....	.....	.....
Great Southern, Louisville.....	.....	.....	.....	.....
Great Western Lloyds, New York.....	5,057	2,623	5,198	520
Guaranty Underwriters, New York.....	.....	.....	.....	.....
Hamburg-Bremen, Hamburg.....	17,769	29,085	82,124	7,140
Hamilton, New York.....	.....	1,967	11,503	.....
Hampshire, Northampton.....	649	.....	.....	.....
Hand-in-Hand Underwriters, London.....	.....	.....	.....	.....
Hanover, New York.....	27,589	49,894	107,025	14,043
Hartford, Hartford.....	96,457	116,551	324,482	41,406
Home, New York.....	160,545	228,394	377,187	33,111
Home, Salt Lake City.....	.....	.....	.....	.....
Home Underwriters, New York.....	82,916	.....	.....	.....
Hingham, Hingham.....	1,445	.....	.....	.....
Hope, Providence.....	.....	.....	4,953	.....
Humboldt, Pittsburg.....	8,502	15,786	33,646	.....
Imperial, New York.....	.....	7,416	.....	4,099
Independence, Philadelphia.....	1,537	2,423	.....	.....
Indiana Lumberman's Mutual, Indianapolis.....	2,383	.....	4,954	658
Individual Underwriters, St. Louis.....	.....	28	.....	.....
Industrial Mutual, Boston.....	123	.....	2,492	.....
Insurance Co. of North America, Philadelphia.....	61,623	37,680	100,677	24,094
Ins. Co. of the State of Pennsylvania, Philadelphia.....	11,137	32,888	17,221	10,360
Insurance Underwriters, Philadelphia.....	.....	.....	43,845	.....
International, Dallas.....	.....	.....	3,771	.....
Iowa State, Keokuk.....	.....	.....	.....	.....
Iowa Underwriters, Dubuque.....	.....	.....	13,913	.....
Keystone Mutual, Philadelphia.....	.....	.....	2,871	.....
Keystone Underwriters, Philadelphia.....	.....	.....	10,409	.....
Knickerbocker, New York.....	.....	3,512	.....	.....
Law, Union & Rock, London.....	32,381	6,294	16,813	.....
Lincoln, Chambersburg.....	.....	.....	.....	.....
Liverpool, London & Globe, Liverpool.....	175,498	202,066	369,502	23,310
Liverpool, London & Globe, New York.....	.....	509	25,450	6,939
Lloyd's London Insurance Policy, London.....	.....	.....	28,670	.....
London, London.....	39,454	54,994	93,263	12,555
London & Lancashire L. & G.....	.....	793	.....	.....
London & Lancashire, Liverpool.....	77,725	66,600	156,599	22,728
London Underwriters, New York.....	.....	.....	.....	.....
Lumber, Boston.....	5,363	.....	6,718	47
Lumber, New York.....	.....	5,288	.....	.....

IN VARIOUS CITIES—Continued.

MILWAUKEE, WIS.	MINNE- APOLIS, MINN.	NEWARK, N. J.	PHILA- DELPHIA, PA.	SAN FRANCISCO, CAL.	ST. LOUIS, MO.	ST. PAUL, MINN.
\$	\$	\$	\$	\$	\$	\$
.....	.....	.....	7,079	.....	.....	.....
.....	.....	.....	6,888	7,814	.....	.....
6,220	1,288	6,340	24,356	.....	12,012	4,174
.....	.....	.....	.....	.....	708	.....
3,878	5,701	2,586	6,599	.....	3,845	6,613
.....	.....	.....	.....	.....	11,551	.....
843	.....	.....	.....	.....	.....	.....
33,420	23,097	13,972	54,799	4,009	59,370	11,740
.....	.....	13,988	42,230	.....	.....	.....
30,198	38,168	11,440	156,755	60,618	27,557	12,859
.....
16,501	18,251	11,411	49,424	97,284	34,251	12,055
.....	.....	.....	6,479	.....	.....	.....
15,567	35,216	69,725	78,477	34,255	29,511	11,985
.....	.....	6,438	.....	1,226	.....	.....
.....	.....	2,254	.....	3,623	10,322	.....
.....	209	.....	.....	.....	716	.....
7,555	6,541	7,877	41,282	19,032	7,029	4,164
3,736	6,297	5,035	21,840	.....	9,078	4,661
4,717	4,769	.....	9,596	6,139	.....	7,164
.....
4,066	.....	2,546	14,154	980	24,733	.....
707	5,240	111	7,062	.....	.....	1,742
23,889	6,316	.....	81,287	.....	3,616	13,492
.....	.....	1,204	9,923	.....	.....	.....
53,337	46,955	77,411	95,293	57,227	68,298	28,015
4,267	.....	3,118	15,612	3,617	.....	.....
32,501	28,884	37,770	39,936	11,475	19,242	39,054
8,047	13,279	603	71,263	19,821	18,704	3,861
6,272	8,183	23,696	38,790	16,835	7,998	4,316
19,285	24,998	35,730	22,431	39,893	19,463	4,926
.....
2,927	.....	2,610	17,778	1,017	.....	.....
.....	.....	.....	8,681	.....	4,997	.....
.....	.....	.....	255	*217	.....	.....
.....	1,650	644	.....	.....	1,122	1,358
.....	.....	6,109	.....	.....	.....	.....
5,913	12,375	15,898	40,868	5,979	19,276	6,711
.....	.....	.....	2,489	1,208	.....	.....
.....	.....	.....	18,869	.....	.....	.....
.....
18,561	26,804	19,482	53,902	12,037	24,479	13,518
71,192	61,395	34,915	117,310	144,565	143,313	30,630
50,134	83,124	63,008	159,281	228,750	99,389	31,716
.....	.....	.....	.....	11,116	.....	.....
.....
.....
5,011	.....	6,594	19,475	22,495	.....	.....
1,349	881	2,749	3,019	7,969	4,206	2,100
.....	.....	.....	3,225	.....	.....	.....
.....	145	.....	3,293	.....	1,181	241
.....	.....	.....	1,744	.....	.....	.....
26,106	37,870	17,791	151,097	72,881	51,461	10,925
12,749	28,546	3,463	55,152	13,240	9,876	15,222
.....
.....	.....	.....	.....	3,869	.....	.....
.....	.....	.....	.....	785	.....	.....
.....	.....	.....	26,198	.....	.....	.....
.....	.....	.....	11,181	.....	.....	.....
.....	.....	.....	410	.....	.....	.....
3,459	6,572	4,247	23,805	16,021	.....	2,377
.....	.....	.....	*57	.....	.....	.....
26,751	35,723	86,067	220,644	272,868	119,070	16,658
2,374	4,496	3,845	28,236	.....	16,998	1,305
.....
10,384	9,121	10,589	37,435	95,142	21,034	8,033
44,069	31,033	6,085	52,265	68,143	17,067	10,906
.....
.....	.....	.....	14,735	.....	.....	.....
.....	182	.....	4,258	.....	1,097	62
.....	6,706	.....	*814	6,758	.....	394

FIRE PREMIUMS RECEIVED

NAME AND LOCATION OF COMPANY.	BOSTON, MASS.	BROOKLYN, N. Y.	CHICAGO, ILL.	KANSAS CITY, MO.
Lumbermen's, Philadelphia.....	\$ 11,360	\$ 23,508	\$	\$ 4,204
Lumbermen's Mutual, Mansfield.....	3,193	.....	6,881	827
Lynn, Lynn.....	1,746	.....	.....	.....
Manton Mutual, Philadelphia.....	.....	.....	2,074	.....
Marine, London.....	.....	.....	.....	3,125
Maryland Motor Car, Baltimore.....	.....	.....	.....	1,364
Massachusetts F. and M., Boston.....	34,881	18,174	19,362	5,091
Mechanics, Philadelphia.....	18,305	3,471	29,099	6,706
Mechanics & Traders, New Orleans.....	22,999	19,284	19,152	4,966
Mercantile F. and M., Boston.....	3,588	.....	.....	.....
Mercantile Mutual, Providence.....	.....	.....	2,471	.....
Merchants, Providence.....	667	.....	16	.....
Merchants, Denver.....	.....	2,736	5,564	.....
Merchants, New York.....	.....	19,191	17,366	681
Merchants & Farmers, Worcester.....	3,416	.....	.....	.....
Merrimack, Andover.....	6,175	.....	.....	.....
Michigan Commercial, Lansing.....	4,279	2,929	17,125	2,932
Michigan F. and M., Detroit.....	16,746	7,927	36,020	8,088
Michigan Millers, Lansing.....	15,820	6,224	30,790	6,136
Millers Mutual, Fort Worth.....	.....	.....	.....	.....
Millers National, Chicago.....	4,274	7,720	.....	5,515
Milwaukee Mechanics, Milwaukee.....	32,014	27,192	52,786	15,326
Milwaukee Mechanics (Ger. Undrs., Milwaukee).....	9,583	.....	13,016	.....
Minneapolis F. and M., Minneapolis.....	5,849	11,246	5,513	.....
Minnesota, Chatfield.....	.....	.....	.....	.....
Minnesota Underwriters, St. Paul.....	.....	.....	15,026	.....
Mutual Protection, Charlestown.....	1,512	.....	.....	.....
National Ben Franklin, Pittsburg.....	12,387	14,939	50,651	7,475
National, Hartford.....	99,906	110,490	.....	47,941
National Brewers, Chicago.....	.....	.....	.....	.....
National Commercial Underwriters, Washington.....	.....	.....	.....	.....
Nationale, Paris.....	12,873	12,896	19,894	895
National F. and M., Elizabeth.....	.....	1,202	.....	.....
National Lumber, Buffalo.....	.....	3,536	.....	.....
National Underwriters of America, New York.....	.....	3,179	.....	.....
National Union, Pittsburg.....	25,358	26,252	105,731	16,521
Netherlands F. and L., The Hague.....	.....	26,297	29,710	12,040
Newark, Newark.....	26,055	26,293	33,996	7,859
Newark Underwriters, Newark.....	.....	.....	14,969	.....
New Brunswick, New Brunswick.....	6,908	7,862	50,651	2,309
New Hampshire, Manchester.....	33,617	13,797	63,007	12,375
New Haven Underwriters, New Haven.....	.....	.....	.....	.....
New Jersey, Newark.....	27,332	24,534	.....	.....
New York Underwriters, New York.....	.....	78,737	155,515	.....
New York & Boston Lloyds, New York.....	.....	.....	3,166	.....
New Zealand, Auckland.....	.....	.....	.....	.....
Niagara Detroit Underwriters, New York.....	8,505	.....	.....	.....
Niagara, New York.....	56,020	113,466	.....	24,985
North British & Mercantile, London.....	73,385	126,892	170,849	14,819
North British & Mercantile, New York.....	22,594	14,009	39,442	7,909
Northern, London.....	95,960	72,466	149,252	16,176
Northern, New York.....	17,896	16,851	72,081	4,570
North River, New York.....	17,960	52,236	55,782	3,806
Northwestern, Seattle.....	.....	.....	.....	.....
Northwestern F. and M., Minneapolis.....	.....	134	12,750	.....
Northwestern National, Milwaukee.....	11,990	36,284	56,730	15,026
Northwestern Underwriters Agency, Milwaukee.....	.....	.....	31,630	.....
Nord-Deutsche, Hamburg.....	19,192	16,643	38,803	7,901
Norwich Union, Norwich.....	40,948	28,429	90,258	11,354
Occidental, Albuquerque.....	.....	1,797	.....	565
Ohio Farmers, Le Roy.....	.....	14,013	43,098	.....
Ohio Millers, Canton.....	.....	.....	.....	2,060
Old Colony, Boston.....	20,797	8,250	35,970	1,396
Orient, Hartford.....	76,037	30,335	80,674	6,170
Pacific, New York.....	12,266	12,426	22,234	8,868
Palatine, London.....	28,101	18,244	83,667	7,111
Paper Mill, Boston.....	1,707	.....	.....	.....
Pawtucket, Pawtucket.....	6,929	*69	.....	.....
Penn Lumbermen's, Philadelphia.....	3,039	.....	3,415	507
Penn Millers, Wilkesbarre.....	351	.....	.....	.....
Pennsylvania, Philadelphia.....	55,596	25,213	78,121	12,553
People's National, Philadelphia.....	18,394	11,620	16,158	.....
Petersburg S. and I., Petersburg.....	.....	.....	.....	.....

* Six months only.

IN VARIOUS CITIES—Continued.

MILWAUKEE, WIS.	MINNE- APOLIS, MINN.	NEWARK, N. J.	PHILA- DELPHIA, PA.	SAN FRANCISCO, CAL.	ST. LOUIS, MO.	ST. PAUL, MINN.
\$	\$	\$	\$	\$	\$	\$
3,188	.....	.....	30,087	.....	.....	.....
.....	.....	.....	4,397	.....	1,209	.....
.....	.....	.....	25,835	.....	.....	.....
.....	.....	.....	.....	.....	22,492	.....
.....	.....	.....	.....	.....	7,332	.....
3,225	5,072	7,196	13,444	.....	10,955	4,565
3,185	14,586	3,559	55,765	.....	9,125	10,379
4,863	5,924	11,669	11,643	9,242	14,544	1,895
.....	.....	1,414	15,593	.....	.....	.....
.....	.....	.....	5,938	.....	.....	.....
.....	.....	.....	747	.....	.....	.....
.....	.....	.....	.....	3,190	.....	.....
.....	5,289	.....	4,548	11,936	1,448	24
.....
12,129	9,012	533	3,297	6,678	1,602	5,182
16,863	9,565	.....	13,602	10,540	7,237	2,235
140	797	.....	*5,148	.....	8,527	120
.....	.....	.....	628	.....	.....	.....
.....
2,234	2,324	2,997	9,592	.....	.....	271
97,679	21,095	5,873	19,159	.....	23,985	16,048
.....	.....	2,096	11,908	.....	23,936	.....
3,080	13,877	.....	7,787	.....	.....	4,953
.....	961	.....	.....	94	.....	391
.....	.....	3,674	.....	.....	.....	.....
6,944	11,930	9,434	22,414	62,284	15,126	12,349
35,634	34,963	45,095	125,277	78,067	87,727	19,583
1,241	.....	.....	1,469	.....	138	.....
.....	.....	*563	*1,552	.....	.....	.....
1,722	2,726	1,410	20,699	.....	6,534	3,993
.....	.....	4,399	.....	.....	.....	.....
.....	.....	.....	*170	.....	.....	.....
8,491	19,859	10,248	21,299	91,722	27,973	4,689
9,124	8,601	71	14,895	22,739	24,840	2,207
8,674	6,652	48,350	31,580	6,433	18,990	2,838
.....	.....	.....	2,239	.....	.....	.....
2,497	8,018	5,340	7,564	19,002	884	4,401
.....
30,184	30,322	18,114	44,996	30,769	15,510	8,960
.....	.....	2,511	.....	14,003	.....	.....
5,930	4,204	17,520	9,663	41,885	.....	2,070
.....	.....	22,710	34,477	20,677	.....	.....
.....	.....	.....	.....	106,487	.....	.....
.....	.....	5,558	6,304	6,270	.....	.....
23,692	15,768	54,117	31,507	39,945	36,295	7,419
32,340	33,934	13,617	58,878	39,881	47,862	19,569
7,064	2,506	13,873	24,154	.....	6,243	406
.....
18,076	26,791	26,421	66,571	98,731	65,546	11,072
8,788	13,876	3,637	19,225	3,638	10,931	3,408
11,948	13,975	19,032	30,871	26,838	6,719	1,500
.....	.....	.....	.....	4,993	.....	.....
3,156	38,113	.....	.....	6,507	.....	4,172
67,549	57,393	4,302	22,651	38,246	61,997	21,468
.....
.....	6,435	5,017	17,751	.....	8,241	1,733
15,900	16,359	11,825	40,511	22,643	16,173	7,339
.....	.....	.....	.....	3,894	1,590	.....
.....
8,383	.....	7,548	13,331	.....	.....	.....
.....	2,740	.....	.....	.....	1,422	252
4,114	443	8,897	13,589	1,252	3,145	3,501
19,609	13,761	2,555	25,884	21,826	15,283	14,783
.....	.....	3,302	6,162	5,967	1,893	.....
17,491	5,756	10,178	40,775	22,506	23,409	2,311
.....
.....	187	2,128	8,085	.....	706	118
.....	757	.....	.....	.....	.....	39
.....
23,021	10,477	14,806	128,825	25,512	22,096	4,937
2,150	9,481	2,737	24,179	5,230	.....	4,509
.....	.....	.....	8,158	.....	.....	.....

* Six months only.

FIRE PREMIUMS RECEIVED

NAME AND LOCATION OF COMPANY.	BOSTON, MASS.	BROOKLYN, N. Y.	CHICAGO, ILL.†	KANSAS CITY, Mo.
Philadelphia Manufacturers, Philadelphia	\$	\$	\$ 2,496	\$
Philadelphia Underwriters, Philadelphia	26,849		28,850	
Phenix, Paris	11,508	11,187	22,881	3,648
Phenix, Hartford	54,229	35,403	136,147	13,311
Phenix, London	66,252	60,089	128,795	12,339
Pittsburg, Pittsburg	4,871	4,485	16,041	
Pittsburg Underwriters, Pittsburg			82,336	
Potomac, Washington	2,789			
Providence Mutual, Providence	1,306			
Providence Washington, Providence	48,558	22,326	63,339	13,776
Prudential, Manchester				
Prussian National, Stettin	15,343	29,163	88,027	15,847
Queen, New York	73,287	35,642	171,242	8,408
Quincy, Quincy	11,285			
Reliance, Philadelphia	14,674	13,070	69,689	7,193
Republic Underwriters, Dallas				
Retail Hardware, Minneapolis				164
Rhode Island, Providence	35,241	23,016	29,165	6,315
Richmond, New York	4,070	9,045	10,734	
Rochester German Underwriters, Rochester	34,768		105,260	
Royal, Liverpool	175,710	178,217	433,146	43,564
Royal Exchange, London	31,030	28,704	87,024	19,816
Rubber Manufacturers Mutual, Boston	150		3,695	
Seneca, Buffalo		824		
Salem, Salem	2,329	*29		
Scottish Union & National, Edinburgh	58,740	57,594	119,492	19,859
Security, Davenport			6,815	
Security, New Haven	26,201	37,222	87,302	8,647
Southern States, Philadelphia				
Springfield F. and M., Springfield	78,102	19,480	200,585	16,851
Standard, Hartford	5,612	13,190		6,854
Standard, Trenton	7,521	9,322		
St. Paul F. and M., St. Paul	34,945	18,915	80,005	6,278
State, Liverpool	7,978	3,291	9,849	1,351
Sterling, Indianapolis		7,429	24,535	
Stuyvesant, New York		13,846	45,708	10,591
Sun, London	75,565	62,987	38,769	17,010
Sun Underwriters, London	5,211			
Sves, Gothenburg	15,999	11,517	58,795	5,691
Teutonia, Dayton			8,909	
Teutonia, Pittsburg	6,659	25,320	23,722	
Twin City, Minneapolis				
Union, Buffalo		4,528	7,126	
Union, London	14,349	11,729	25,395	
Union, Paris	10,781	7,435	2,148	4,092
Union, Pittsburg			4,142	
Union Underwriters, New York			2,988	
United American, Milwaukee			*2,739	
United Druggists, Boston	1,975			
United Firemen's, Philadelphia	13,972	10,291	19,300	
United States, New York	11,390	20,646	19,502	2,339
United States Casualty, New York	†286			
United States Underwriters, New York			12,813	
Underwriters, Concord				
Underwriters, State of Pennsylvania, New York	10,179			
Urbaine, Paris	21,074	8,626	23,966	4,544
Virginia F. and M., Richmond	12,066	20,634	40,738	
Vulcan, New York		7,626		
Vulcan, Oakland		1,208		
Westchester New York	59,080	84,812	105,414	12,685
Western, Pittsburg		16,640	30,826	
Western, Toronto	29,943	25,537	51,132	7,184
What Cheer, Providence			4,003	
Williamsburg City, Brooklyn	23,753	63,400	63,194	12,763
Worcester, Worcester	3,804			
Yorkshire, York	36,457	9,029	43,240	5,900
Total premiums, 1914	4,955,534	4,881,416	†10,390,210	1,286,401
Total insurance loss, 1914s	2,893,579	2,435,027	5,572,768	899,677
Total property loss, 1914s	3,044,627	†2,854,445	6,018,589	999,179

* For six months only. † Committee on statistics of National Board of Fire Underwriters gives for Boroughs of reported by committee on statistics of the National Board of Fire Underwriters.

IN VARIOUS CITIES—Continued.

MILWAUKEE, WIS.	MINNE- APOLIS, MINN.	NEWARK, N. J.	PHILA- DELPHIA, PA.	SAN FRANCISCO, CAL.	ST. LOUIS, MO.	ST. PAUL, MINN.
\$	\$	\$	\$	\$	\$	\$
.....	.....	13,956	31,253	.....	.....	.....
424	2,593	1,701	38,878	.....	2,878	1,531
71,351	30,718	17,811	7,952	.....	43,660	15,557
19,326	48,213	31,652	59,222	67,400	43,766	16,140
2,107	.....	.....	34,008	79,454	.....	.....
.....	.....	272	12,627	.....	.....	.....
.....	.....	.....	30,746	.....	.....	.....
.....	.....	.....	2,063	.....	.....	.....
22,623	17,050	5,997	9,647	.....	.....	.....
.....	.....	.....	4,881	21,522	24,392	5,468
.....	.....	4,302	.....	.....	.....	.....
23,172	18,674	2,827	26,536	23,702	21,036	.....
36,722	19,725	18,248	56,166	49,972	67,172	5,522
.....
9,799	3,646	3,141	19,065	8,050	16,494	8,367
.....	.....	.....	.....	15,465	.....	.....
.....	3,025	.....	.....	.....	127	1,228
4,898	4,747	5,865	17,490	7,986	5,545	2,295
.....	.....	55	.....	.....	.....	.....
.....	.....	12,367	41,710	12,016	.....	.....
48,193	29,902	38,111	202,876	141,958	76,331	15,347
12,905	4,600	6,981	28,393	.....	12,569	3,701
.....	.....	.....	2,510	.....	.....	.....
.....
23,103	31,960	12,573	69,821	43,721	36,849	10,864
2,834	.....	.....	.....	.....	.....	.....
12,947	12,518	6,112	30,418	22,602	9,045	13,782
.....	.....	795	.....	.....	.....	.....
29,734	25,719	29,811	59,206	80,999	71,815	15,677
.....
6,427	4,527	4,011	11,527	.....	10,348	1,341
.....	.....	9,344	14,757	.....	.....	.....
10,755	118,352	9,157	26,243	38,018	74,975	80,656
5,918	1,474	288	10,597	3,881	1,536	334
6,373	3,840	1,746	14,638	7,186	.....	1,851
.....	6,847	849	8,059	11,108	3,328	469
30,745	17,270	25,387	41,109	54,095	44,867	9,960
.....	.....	9,366	.....	.....	.....	.....
8,596	39,721	6,478	15,651	18,624	13,203	3,382
.....	.....	.....	3,014	.....	.....	.....
518	.....	1,630	20,379	.....	.....	.....
21,166	14,059	.....	.....	.....	.....	2,765
.....	.....	.....	*20	.....	.....	.....
8,348	5,532	.....	3,693	35,900	.....	.....
2,002	3,149	741	13,615	.....	7,651	1,408
455	.....	.....	5,420	.....	.....	.....
.....
.....
.....	3,308	4,482	34,338	14,238	.....	.....
.....
2,214	6,753	5,630	4,810	10,942	8,217	1,125
.....
.....	.....	.....	11,712	.....	.....	.....
.....	.....	.....	3,885	.....	.....	.....
1,816	3,956	2,876	11,373	.....	11,061	1,157
.....	.....	.....	24,982	.....	.....	.....
.....	.....	.....	2,433	.....	.....	.....
.....	.....	.....	2,232	.....	.....	.....
16,847	25,856	18,202	37,989	20,812	36,354	13,343
.....
.....	1,772	*68	20,528	.....	.....	.....
12,419	10,510	5,154	29,822	33,549	23,410	4,690
.....	.....	.....	2,035	.....	.....	.....
25,961	33,734	15,249	36,233	23,332	12,661	17,479
.....
6,375	.....	5,828	19,817	19,387	8,555	.....
200,853	1,964,240	1,748,078	5,917,882	1,448,931	2,800,684	1,004,191
749,981	1,031,671	1,166,210	2,552,366	797,172	2,460,038	701,011
777,946	1,086,225	1,280,110	2,791,130	1,037,486	2,900,522	751,011

Brooklyn and Queens: † Year ending June 30, 1914. ‡ As reported by Chicago Fire Insurance Patrol. \$ Amount as

RISKS COVERED BY AUTOMOBILE POLICIES.

The general classes of risks assumed by various companies under their respective policies, covering automobiles, are indicated by the following table :

NAME AND LOCATION OF COMPANY.	Fire (External Causes).	Self- ignition. §	Explosion. §	Lightning. §	Trans- portation Risks.	Collision.	Liability for Property Damage.	Liability for Loss of Life or Personal Injury.	Injuries to Occupants of Insured Car.	Theft.	Valued Policy.	Automatic Reinsur- ment.
Aetna, Hartford.....	Yes	Yes	Yes	Yes	Yes	Yes	eYes	....	....	Yes	eYes	Yes
Alliance, London.....	Yes	Yes	Yes	Yes	Yes	eYes	eYes	....	....	Yes	eYes	Yes
Alliance, Philadelphia.....	Yes	Yes	Yes	Yes	Yes	eYes	eYes	....	....	Yes	eYes	Yes
American, Newark.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	eYes	Yes
American Automobile, St. Louis.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	eYes	Yes
American Central, St. Louis.....	eYes	Yes	Yes	Yes	Yes	eYes	Yes	....	....	Yes	eYes	Yes
American and Foreign Marine, New York.....	Yes	Yes	....	....	....	....	....	....	....	....	....	....
Anchor Fire Des Moines, Ia.....	Yes	Yes	....	....	....	....	....	....	....	....	....	....
Assurance Co. of America, N. Y.....	Yes	eYes	eYes	eYes	eYes	eYes	Yes	....	....	Yes	eYes	Yes
Automobile Insurance Co., Hartford.....	eYes	....	....	....	....	....	....	....	....	....	....	....
Automobile Indemnity Exchange, Kansas City.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	Yes	Yes
Automobile Mutual, Providence.....	Yes	Yes	Yes	Yes	Yes	....	....	....	....	Yes	....	Yes
Automobile Mutual Fire Assn., Cedar Rapids, Ia.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	eYes	Yes
Automobile Underwriters at Unders. Ex., Dayton, O.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	....	Yes
Automobile Underwriters of Amer., San Antonio, Tex.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	eYes	Yes
Boston, Boston.....	Yes	Yes	Yes	Yes	Yes	eYes	Yes	....	....	Yes	eYes	Yes
British and Foreign Marine, Liverpool.....	Yes	....	....	....	....	....	....	....	....	....	....	....
Cal. State Auto. Inter-Ins., San Francisco.....	Yes	....	....	....	....	....	....	....	....	....	....	....
Century, Edinburgh.....	Yes	Yes	Yes	Yes	Yes	....	....	....	....	Yes	eYes	Yes
Colonial, New York.....	Yes	Yes	Yes	Yes	Yes	Yes	....	....	....	Yes	eYes	Yes
Columbia, Jersey City.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	Yes	Yes
Commercial Union, London.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	Yes	Yes
Commercial Union Fire, New York.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	Yes	Yes
Commonwealth, New York.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	Yes	Yes
Connecticut, Hartford.....	Yes	....	....	....	....	....	....	....	....	....	....	....
Continental, New York.....	Yes	Yes	Yes	Yes	Yes	eYes	....	....	....	Yes	eYes	Yes
Employers Indemnity Exchange, Kansas City.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	Yes	Yes
Farmers, Cedar Rapids, Ia.....	Yes	Yes	Yes	Yes	Yes	eYes	eYes	....	....	Yes	eYes	Yes
Federal, Jersey City.....	Yes	Yes	Yes	Yes	Yes	eYes	....	....	....	Yes	eYes	Yes
Federal Union, Chicago.....	Yes	Yes	Yes	Yes	Yes	eYes	Yes	....	....	Yes	eYes	Yes
Fidelity-Phenix, New York.....	Yes	Yes	Yes	Yes	Yes	Yes	....	....	....	....	....	....
Firemans Fund, San Francisco.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	eYes	Yes
First Reinsurance, Hartford.....	Yes	....	....	....	....	....	....	....	....	....	....	....
General Motor Underwriting Agency, N. Y.....	Yes	Yes	Yes	Yes	Yes	....	....	....	....	....	....	....
Glen Falls, Glen Falls.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	eYes	Yes
Globe Fire, San Antonio, Tex.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	Yes	Yes
Globe & Rutgers, Fire, New York.....	Yes	Yes	Yes	Yes	Yes	Yes	Yes	....	....	Yes	Yes	Yes
Grain Dealers Fire, Boston.....	Yes	....	....	....	....	....	....	....	....	....	....	....
Harford Fire, Harford.....	Yes	Yes	Yes	Yes	Yes	eYes	eYes	Yes	eYes	Yes

Travelers Indemnity, Hartford.....
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[illegible]

STATE OFFICIALS HAVING AUTHORITY IN INSURANCE MATTERS.

Corrected to July 1, 1915.

STATE.	NAME.	ADDRESS.	TITLE.	Next Session of Legislature
Alabama.....	John Surifoy.....	Montgomery.....	Insurance Commissioner.....	Jan., 1919
Alaska.....	Chas. E. Davidson.....	Juneau.....	Secretary of Alaska.....	Mar., 1917
Arizona.....	Cleveland C. Thompson.....	Phoenix.....	Superintendent of Insurance.....	Jan., 1917
Arkansas.....	M. F. Dickinson.....	Little Rock.....	Aud. of State & Ins. Com.....	Jan., 1917
California.....	J. E. Phelps.....	San Francisco.....	Insurance Commissioner.....	Jan., 1917
Canal Zone.....	C. A. McIlvaine.....	Ancon.....	Executive Secretary.....	.....
Colorado.....	E. R. Harper.....	Denver.....	Asst. Supt. of Insurance.....	Jan., 1917
Connecticut.....	Burton Mansfield.....	Hartford.....	Insurance Commissioner.....	Jan., 1917
Delaware.....	Wm. R. McCabe.....	Dover.....	Insurance Commissioner.....	Jan., 1917
District of Columbia.....	Chas. F. Nesbit.....	Washington.....	Superintendent of Insurance.....	Dec., 1917
Florida.....	John C. Luning.....	Tallahassee.....	State Treasurer.....	Apr., 1917
Georgia.....	W. A. Wright.....	Atlanta.....	Insurance Commissioner.....	Jan., 1915
Hawaii.....	C. J. McCarthy.....	Honolulu.....	Insurance Commissioner.....	Feb., 1917
Idaho.....	George F. Steele.....	Boise City.....	Insurance Commissioner.....	Jan., 1917
Illinois.....	Rufus M. Potts.....	Springfield.....	Superintendent of Insurance.....	Jan., 1917
Indiana.....	D. J. Crittenberger.....	Indianapolis.....	Auditor of State.....	Jan., 1917
Iowa.....	Emory H. English.....	Des Moines.....	Commissioner of Insurance.....	Jan., 1917
Kansas.....	Carey J. Wilson.....	Topeka.....	Superintendent of Insurance.....	Jan., 1917
Kentucky.....	M. C. Clay.....	Frankfort.....	Insurance Commissioner.....	Jan., 1917
Louisiana.....	Wm. F. Millsaps.....	Baton Rouge.....	Secretary of State.....	May, 1916
Maine.....	Erastus J. Carter.....	Augusta.....	Insurance Commissioner.....	Jan., 1917
Maryland.....	W. Mason Shehan.....	Baltimore.....	Insurance Commissioner.....	Jan., 1916
Massachusetts.....	Frank H. Hardison.....	Boston.....	Commissioner of Insurance.....	Jan., 1916
Michigan.....	John T. Winship.....	Lansing.....	Commissioner of Insurance.....	Jan., 1917
Minnesota.....	S. D. Works.....	St. Paul.....	Commissioner of Insurance.....	Jan., 1917
Mississippi.....	T. M. Henry.....	Jackson.....	Commissioner of Insurance.....	Jan., 1916
Missouri.....	Chas. G. Revelle.....	Jefferson City.....	Superintendent of Insurance.....	Jan., 1917
Montana.....	Wm. Keating.....	Helena.....	Commissioner of Insurance.....	Jan., 1917
Nebraska.....	W. B. Eastham.....	Lincoln.....	Insurance Commissioner.....	Jan., 1917
Nevada.....	George A. Cole.....	Carson City.....	State Controller.....	Jan., 1917
New Hampshire.....	R. J. Merrill.....	Concord.....	Insurance Commissioner.....	Jan., 1917
New Jersey.....	Geo. M. La Monte.....	Trenton.....	Insurance Commissioner.....	Jan., 1916
New Mexico.....	Jacobo Chavez.....	Santa Fe.....	Superintendent of Insurance.....	Nov., 1916
New York.....	Jesse C. Phillips.....	Albany.....	Superintendent of Insurance.....	Jan., 1916
North Carolina.....	James R. Young.....	Raleigh.....	Insurance Commissioner.....	Jan., 1917
North Dakota.....	W. C. Taylor.....	Bismarck.....	Commissioner of Insurance.....	Jan., 1917
Ohio.....	Frank Taggart.....	Columbus.....	Superintendent of Insurance.....	Jan., 1917
Oklahoma.....	A. L. Welch.....	Oklahoma City.....	Insurance Commissioner.....	Jan., 1917
Oregon.....	Harvey Wells.....	Salem.....	Insurance Commissioner.....	Jan., 1917
Pennsylvania.....	Chas. Johnson.....	Harrisburg.....	Insurance Commissioner.....	Jan., 1917
Philippine Islands.....	James J. Rafferty.....	Manila.....	Collector of Internal Revenue.....	.....
Porto Rico.....	Allan H. Richardson.....	San Juan.....	Treasurer.....	Jan., 1916
Rhode Island.....	Charles C. Gray.....	Providence.....	Insurance Commissioner.....	Jan., 1916
South Carolina.....	F. H. McMaster.....	Columbia.....	Insurance Commissioner.....	Jan., 1916
South Dakota.....	O. K. Stablein.....	Pierre.....	Insurance Commissioner.....	Jan., 1917
Tennessee.....	Wm. F. Dunbar.....	Nashville.....	Commissioner of Insurance.....	Jan., 1917
Texas.....	John S. Patterson.....	Austin.....	Com'r of Ins. and Banking.....	Jan., 1917
Utah.....	John James.....	Salt Lake City.....	Insurance Commissioner.....	Jan., 1917
Vermont.....	{ Guy W. Bailey.....	Essex Junction.....	Secretary of State.....	{
	{ Walter F. Scott.....	Montpelier.....	State Treasurer.....	{
Virginia.....	Joseph Button.....	Richmond.....	Commissioner of Insurance.....	Jan., 1916
Washington.....	H. O. Fishback.....	Olympia.....	Insurance Commissioner.....	Jan., 1917
West Virginia.....	John S. Darst.....	Charleston.....	State Auditor.....	Jan., 1917
Wisconsin.....	M. J. Cleary.....	Madison.....	Commissioner of Insurance.....	Jan., 1917
Wyoming.....	R. B. Forsyth.....	Cheyenne.....	State Auditor.....	Jan., 1917

CANADA.

Dominion of Canada.....	Geo. D. Finlayson.....	Ottawa.....	Superintendent of Insurance.....	.....
Alberta.....	W. F. Newson.....	Edmonton.....	Superintendent of Insurance.....	.....
British Columbia.....	Ernest F. Gunther.....	Victoria.....	Superintendent of Insurance.....	.....
Manitoba.....	A. E. Ham.....	Winnipeg.....	Inspector of Insurance.....	.....
New Brunswick.....	G. N. Babbitt.....	Fredericton.....	Deputy Provincial Treasurer.....	.....
Newfoundland.....	Geo. Bursell.....	St. Johns.....	Accountant, Finance Dept.....	.....
Nova Scotia.....	Fred. S. Mathers.....	Halifax.....	Deputy Provincial Secretary.....	.....
Ontario.....	Arthur Boswell.....	Toronto.....	Supt. of Insurance.....	.....
Prince Edward Island.....	A. Newbery.....	Charlottetown.....	Assistant Provincial Treas.....	.....
Quebec.....	Wm. Chubb.....	Quebec.....	Superintendent of Insurance.....	.....
Saskatchewan.....	Arthur E. Fisher.....	Regina.....	Superintendent of Insurance.....	.....

TAXES PAID BY FIRE INSURANCE COMPANIES IN 1914.

Below will be found a tabulation showing the net premiums written in 1914 by most of the stock fire insurance companies transacting business in the United States, together with the taxes paid by such companies, and ratios showing the percentages of taxes to premiums for the respective companies. This tabulation shows the heavy burden of taxation which is imposed upon fire insurance companies throughout the country by State, county and municipal governments. Included in the taxes are taxes on real estate, State taxes on premiums, insurance department licenses and fees, and all other licenses, fees and taxes, except fire department, patrol and salvage corps assessments, fees, taxes and expenses. The fire department taxes are levied by the State, while the fire patrol assessments, though for the public good, are voluntarily contributed by the companies.

NAME AND LOCATION OF COMPANY.	Net Premiums Written in 1914.	Gross Taxes Paid in 1914.	Ratio of Taxes to Premiums	NAME AND LOCATION OF COMPANY.	Net Premiums Written in 1914.	Gross Taxes Paid in 1914.	Ratio of Taxes to Premiums
	\$	\$	%		\$	\$	%
Aachen and Munich, Aix-la-Chapelle.....	1,180,279	36,492	3.09	Franklin, Philadelphia...	1,376,518	52,935	3.84
Abeille, Paris.....	182,815	6,369	3.46	Frankona, Frankfort....	782,188	2,917	3.7
Atna, Hartford.....	10,810,965	414,874	3.84	General, Paris.....	448,413	13,981	3.12
Agricultural, Watertown.	1,704,781	59,886	3.51	German-Alliance, N. Y..	617,907	14,795	2.39
Albany, Albany.....	316,779	9,267	2.92	German-Amer., N. Y....	8,675,173	260,103	3.00
Allemanina, Pittsburg...	843,581	18,736	2.22	German-Amer., Pittsb'g.	358,106	8,886	2.48
Alliance, Philadelphia...	975,662	29,627	3.03	German-Amer., Balto...	241,573	11,983	4.96
American, Newark.....	3,972,867	134,201	3.37	Germania, N. Y.....	2,999,438	104,722	3.49
Amer. Central, St. Louis.	*1,940,738	116,415	6.00	German, Peoria.....	872,176	25,087	2.87
Amer. Druggists, Cin...	124,551	5,684	4.56	German, Pittsburg.....	529,486	18,187	3.43
Anglo-Amer., Chicago...	143,137	7,044	4.92	German, Wheeling.....	246,279	11,746	4.77
Arizona, Phoenix.....	231,384	3,777	1.63	Girard F. & M., Phila...	827,632	30,262	3.65
Arlington, Washington.	74,265	1,292	1.74	Glens Falls, Glens Falls.	2,416,128	71,709	2.96
Assur. Co. of Am., N. Y.	216,690	3,871	1.78	Globe & Rutgers, N. Y.	4,537,732	80,624	1.77
Atlas, London.....	1,779,864	51,779	2.91	Granite State, Ports'm'h.	643,544	19,872	3.08
Austin, Dallas.....	243,693	5,859	2.40	Hamburg, Hamburg.....	5,823,581	2,289	.04
Automobile, Hartford...	363,263	6,213	1.71	Hamburg-Bremen, H'b'g	1,084,286	53,277	5.37
Balkan Nat'l., Sofia...	1,815,489	3,156	.17	Hamilton, New York....	206,564	1,571	.76
Boston, Boston.....	8,443,618	88,487	2.57	Hanover, N. Y.....	2,279,286	94,743	4.15
British Amer., Toronto.	1,042,325	40,282	3.86	Hartford, Hartford.....	16,203,400	564,230	3.48
Buffalo German, Buffalo.	597,076	37,697	6.30	Home, New York.....	15,259,557	430,357	2.82
Bulgaria, Rustchuk...	1,174,942	2,356	.20	Humboldt, Pittsburg...	763,914	22,823	2.98
Caledonian-Amer., N. Y.	10,885	389	2.43	Imperial, New York....	331,722	10,909	3.29
Caledonian, Edinburgh...	1,423,399	49,643	3.49	Independence, Phila...	78,026	275	.35
California, San Fran...	421,283	17,993	4.27	Ins. Co. State of Pa., Phil.	1,922,792	67,087	3.49
Camden, Camden.....	1,652,666	33,224	2.01	Ins. Co. No. Am., Phila.	9,698,224	276,492	2.85
Capital, Concord.....	241,570	7,051	2.92	International, New York	1,454,192	16,398	1.12
Century, Edinburgh.....	318,645	4,743	1.51	Internat. Reas., Vienna.	693,966	3,838	.55
Citizens, St. Louis...	1,522,520	3,110	.20	Jakor.....	2,882,425	10,293	.36
City of N. Y., N. Y....	480,267	21,057	4.38	Knickerbocker, N. Y....	72,825	428	.59
Cleveland Nat., Cleve'd.	80,526	2,741	3.40	Law Un. & Rock, London	372,514	12,310	3.30
Cologne Reins., Cologne.	1,180,827	24,858	2.10	Lumbermens, Phila....	220,681	10,957	4.96
Colonial, N. Y.....	192,969	2,826	1.46	Liv. & Lon. & Globe, Liv.	8,667,549	262,017	3.02
Columbian Nat., Detroit.	242,947	12,770	5.26	Liv. & Lon. & Globe, N.Y.	340,715	17,850	5.24
Commerce, Albany.....	253,488	10,528	4.15	Lumber, New York.....	150,460	11,502	7.64
Com'l. Union, London...	6,759,321	146,360	2.16	London Assurance, Lon.	2,751,577	81,891	2.97
Com'l. Union, N. Y....	593,010	14,334	2.42	London & Lanc. Fire, Liv.	2,652,957	90,035	3.39
Commonwealth, N. Y...	900,788	28,091	3.12	Lon. & Lanc. L. & G., Lon	25,037	.....	.....
Commonwealth, Dallas.	270,196	5,677	2.10	Md. Motor Car, Balto...	168,504	6,403	3.80
Concordia, Milwaukee...	1,149,906	36,219	3.15	Mass. F. & M., Boston.	716,083	12,993	1.81
Connecticut, Hartford...	3,537,418	136,037	3.84	Mechanics, Philadelphia.	375,582	10,253	2.73
Continental, N. Y.....	8,347,376	264,628	3.17	Mechs. & Traders, N. O.	653,820	35,797	5.47
County, Philadelphia...	*87,066	17,270	.....	Merchants, Denver...	127,830	4,831	3.78
Detroit F. & M., Detroit	723,457	19,101	2.64	Merchants, New York...	442,394	7,205	1.63
Detroit Nat'l., Detroit...	160,914	3,033	1.88	Mich. Com'l., Lansing...	461,912	23,653	5.12
Dixie, Greensboro.....	459,871	24,214	5.26	Mich. F. & M., Detroit.	700,808	23,863	3.40
Dubuque F. & M., D'e...	180,943	25,137	3.10	Milwaukee Mechs., Mil.	1,926,810	88,101	4.57
Eagle, Newark.....	87,501	1,023	1.17	Minerva, Cologne.....	586,974	11,969	2.04
Eastern Atlantic City...	23,913	385	1.61	Minn'is F. & M., Min...	247,347	8,770	3.54
Equit. F. & M., Prov'ce.	335,801	6,572	1.96	Moscow, Moscow.....	1,624,457	29,762	1.83
Fidelity-Phenix, N. Y...	6,553,443	190,203	2.90	Munich Reins., Munich.	6,177,479	9,950	.16
Fire Association, Phila.	4,307,132	152,995	3.55	National, Hartford....	8,643,551	319,333	3.69
Fireman's Fund, San F.	6,627,131	191,528	2.88	Nationale, Paris.....	275,722	9,554	3.46
Firemen's Newark.....	2,738,573	93,733	3.42	Nat. Ben Frank, Pittsb...	1,643,657	44,835	2.73
Fire Reassurance, Paris.	1,613,295	4,643	.29	Nat'l. Brewers, Chicago.	33,778	1,664	4.92
Firemen's, Washington.	47,066	1,529	3.25	Nat'l. Lumber, Buffalo...	187,587	2,104	1.12
First Nat'l., Washington	367,906	22,623	6.15	Nat'l. Union, Pittsburg.	1,969,373	107,773	5.47
First Reins., Hartford.	1,206,208	9,956	.83	Netherlands F. & L., The Hague.	424,187	7,200	1.70
First Russian, Petrograd.	1,139,068	16,407	1.44	Newark, Newark.....	1,090,843	35,854	3.29

TAXES PAID BY FIRE INSURANCE COMPANIES IN 1914—Continued.

NAME AND LOCATION OF COMPANY.	Net Premiums Written in 1914.	Gross Taxes Paid in 1914.	Ratio of Taxes to Premiums	NAME AND LOCATION OF COMPANY.	Net Premiums Written in 1914.	Gross Taxes Paid in 1914.	Ratio of Taxes to Premiums
	\$	\$	%		\$	\$	%
New Brunswick, N. B. . .	660,795	17,840	2.70	Second Russ'n, Petrograd	1,153,841	1,729	.15
N. Hampshire, Manch'er	2,749,893	105,722	3.84	Security, New Haven . . .	2,089,974	82,440	3.94
New Jersey, Newark . . .	707,487	26,117	3.69	Seneca, Buffalo	16,190	80	.18
N. W. F. & M., Minn'is.	978,204	29,939	3.06	Skandia, Stockholm	767,938	2,412	.31
Niagara, New York	3,827,597	111,076	2.90	Springfield F. & M. Sp'd.	5,880,485	197,832	3.34
Nord-Deutsche, Hamb'g.	1,307,603	31,893	2.44	Stuyvesant, New York . . .	651,673	25,586	3.92
No. Brit. & Merc., Lon.	4,888,315	117,163	2.40	So. Ger. Reins., Munich . .	837,082	1,121	.13
No. Brit. & Merc., N. Y.	545,788	18,069	2.76	Standard, Hartford	672,335	29,319	4.34
Northern, London	3,050,900	96,834	3.17	Standard, Trenton	323,962	6,505	2.01
Northern, Moscow	877,011	3,736	.42	State, Liverpool	168,188	5,389	3.20
Northern, New York	844,480	22,197	2.63	Sterling, Indianapolis	401,243	26,312	6.55
North River, New York . .	1,711,807	46,137	2.69	Sun, London	2,593,502	95,502	3.68
Northwestern Nat., Mil.	2,738,480	110,741	4.04	Svea F. & L., Gothenb'g.	921,911	21,263	2.30
Norwich Union, Norwich	1,924,814	61,990	3.22	Swiss National, Basle	2,096,549	3,679	.17
Occidental, Albuquerque . .	180,767	6,072	3.36	Swiss Reins., Zurich	815,555	6,224	.76
Old Colony, Boston	624,909	16,380	2.46	Teutonia, Pittsburg	619,133	12,414	2.00
Orient, Hartford	1,563,693	64,940	4.15	Teutonia, Dayton	120,027	3,010	2.51
Pacific, New York	521,344	13,875	2.66	Union, London	591,706	11,271	1.90
Pennsylvania Fire, Phila.	3,648,191	117,249	3.21	Union, Buffalo	139,408	2,321	1.67
Palatine, London	2,001,383	55,271	2.76	Union, Paris	419,351	15,002	3.57
Paternelle, Paris	493,922	1,538	.31	Union & P. Espanol, Mad	1,204,962	12,737	1.05
Peoples Nat'l, Phila	888,940	33,801	3.80	United Firemen's, Phila . . .	360,247	11,215	3.08
Phoenix, Hartford	5,399,701	265,603	4.92	United States, N. Y.	712,650	21,370	3.00
Phoenix, Paris	275,722	9,554	3.46	Urbaine, Paris	382,428	6,781	1.77
Phoenix, London	2,592,174	77,274	2.98	Va. F. & M., Richmond . . .	744,690	37,103	4.98
Pittsburgh, Pittsburgh . . .	188,282	5,975	3.17	Vulcan, New York	68,243	2,339	3.42
Potomac, Washington	46,832	1,553	3.31	Vulcan, Oakland	103,567	3,717	3.59
Providence, Wash., Prov.	3,689,155	112,320	3.04	Warsaw, Warsaw	243,891	4,321	1.77
Prussian Nat., Stettin	1,120,690	38,532	3.44	Westchester, New York . . .	3,372,637	116,632	3.46
Queen, New York	5,065,279	139,953	2.76	Western, Pittsburg	*1,491	10,337	. . .
Reliance, Philadelphia	676,694	35,939	5.31	Western, Toronto	1,542,860	45,415	2.94
Richmond, New York	289,580	3,415	1.18	Williamsburgh City, N.Y.	2,666,824	72,131	2.70
Rhode Island, Providence	663,998	21,714	3.27	Yorkshire, York	540,902	17,161	3.17
Rossia, Petrograd	6,159,562	17,065	.28				
Royal, Liverpool	8,199,617	272,060	3.31	Totals	337,454,021	9,636,927	2.85
Royal Exchange, London . . .	1,909,721	69,346	3.63	Add fire dept., patrol and salvage corps taxes and expenses . . . . .	.....	1,715,329	.51
Russian Reins., Petrograd	1,245,400	16,196	1.30	Grand totals	337,454,021	11,352,256	3.36
Salamandra, Petrograd	2,886,492	5,963	.20				
St. Paul F. & M. St. Paul	6,604,983	175,652	2.65				
Scot. Un. & Nat'l, Edin'h	2,372,996	88,353	3.72				

* Net after deduction of all reinsurances.

INSURANCE LOSSES IN BROOKLYN, N. Y., FOR 19 YEARS.

Below will be found a tabulation of the insurances involved and insurance losses on buildings and contents, by fires in Brooklyn, N. Y., during the last nineteen years, as reported by the Fire Insurance Salvage Corps :

YEARS.	Insurance on Bldgs.	Loss on Bldgs.	Insurance on Contents.	Loss on Contents.
1895-6	\$1,713,518	\$134,485	\$1,283,194	\$328,586
1897	2,884,944	150,476	1,351,651	280,369
1898	5,353,531	430,866	2,522,025	538,474
1899	8,771,351	563,469	3,965,278	577,655
1900	7,616,759	452,099	3,208,226	633,866
1901	6,379,312	521,939	7,179,924	1,152,709
1902	6,950,823	695,267	3,850,667	708,359
1903	10,532,218	402,416	2,903,742	383,579
1904	7,960,321	776,679	3,033,980	608,088
1905	8,495,660	629,131	3,247,812	492,038
1906	20,135,488	606,909	2,825,935	589,132
1907	18,767,113	725,492	4,266,717	847,179
1908	59,387,704	672,428	4,734,063	1,398,526
1909	19,533,571	586,705	4,184,708	778,143
1910	18,314,100	939,644	7,647,644	995,226
1911	19,162,544	1,178,272	8,018,596	1,931,395
1912	21,988,246	1,239,183	11,754,403	1,571,484
1913	17,970,111	623,212	4,506,169	820,011
1914	27,009,881	1,001,481	10,953,022	1,433,546

FIRE LOSSES IN NEW YORK.

The following table shows the insurance losses in New York city (boroughs of Manhattan and Bronx) for forty-three years ending December 31, 1914, compiled from the fire patrol reports :

YEARS.	BUILDINGS.			CONTENTS.		
	Insurance.	Loss.	Ratio of Loss to Insurance.	Insurance.	Loss.	Ratio of Loss to Insurance.
1872.....	\$6,223,360	\$728,725	11.70	\$9,363,551	\$2,682,611	28.65
1873.....	3,786,271	378,676	10.00	6,490,817	1,681,623	25.90
1874.....	3,105,924	291,443	9.38	5,400,965	1,129,939	20.91
1875.....	5,382,630	434,106	8.06	8,778,167	1,718,343	19.57
1876.....	5,768,035	416,841	7.22	8,126,658	2,624,645	32.29
1877.....	6,382,192	734,575	11.50	6,567,588	1,689,206	25.72
1878.....	6,398,426	395,047	6.17	7,463,578	1,324,240	17.74
1879.....	7,141,154	645,068	9.03	14,959,681	4,509,441	30.14
1880.....	6,249,397	704,795	11.29	8,636,592	2,053,240	23.77
1881.....	8,136,548	542,896	6.67	11,144,994	3,165,019	28.39
1882.....	9,646,272	864,618	8.96	11,536,119	3,004,603	26.04
1883.....	10,815,881	777,493	7.18	12,308,650	2,526,435	20.52
1884.....	10,657,078	643,744	6.04	14,667,914	3,088,826	21.05
1885.....	13,272,299	958,588	7.22	15,664,199	2,788,927	17.80
1886.....	11,025,621	653,383	5.92	11,107,572	2,379,905	21.42
1887.....	15,666,405	1,108,714	7.07	17,928,690	4,197,097	23.40
1888.....	17,188,870	1,314,872	7.64	16,244,977	3,726,957	22.94
1889.....	13,648,321	1,056,549	7.74	14,052,720	3,042,903	21.65
1890.....	14,711,743	860,768	5.85	14,399,977	2,925,237	20.31
1891.....	18,268,692	1,619,266	8.85	15,190,739	4,597,941	30.26
1892.....	19,067,572	1,258,661	6.60	12,803,038	3,110,421	24.29
1893.....	21,272,233	1,494,607	7.02	14,365,730	3,642,747	25.35
1894.....	21,152,415	1,081,778	5.11	13,993,560	2,610,219	18.65
1895.....	19,954,269	1,063,328	5.33	10,782,646	2,371,570	21.99
1896.....	24,753,499	1,015,187	4.10	14,864,703	2,736,358	18.40
1897.....	25,398,474	801,694	3.15	12,133,154	2,208,997	18.20
1898.....	39,326,676	1,382,553	3.51	13,735,161	2,771,448	20.17
1899.....	43,021,638	2,282,538	5.30	22,013,617	4,809,229	21.85
1900.....	44,881,662	1,677,128	3.73	20,642,944	3,684,857	17.85
1901.....	40,888,809	1,204,530	2.95	30,133,678	4,185,638	13.79
1902.....	42,399,796	1,114,662	2.58	33,671,879	3,414,133	10.14
1903.....	56,334,038	1,479,471	2.63	22,031,708	3,870,162	17.57
1904.....	62,250,149	1,778,350	2.86	23,833,602	4,655,620	19.53
1905.....	75,251,170	2,350,971	3.12	30,220,581	4,737,108	15.66
1906.....	74,760,577	2,204,142	2.95	44,116,081	5,677,506	12.87
1907.....	91,677,747	2,380,844	2.60	49,919,497	6,830,952	13.68
1908.....	96,454,693	2,212,178	2.30	37,813,240	6,520,343	17.24
1909.....	119,222,922	1,983,110	1.66	31,706,388	5,959,142	18.79
1910.....	189,047,777	2,205,660	1.23	38,061,664	5,696,763	14.96
1911.....	181,469,142	2,699,302	1.48	51,081,402	7,072,973	13.84
1912.....	169,860,538	2,512,980	1.48	37,685,432	6,695,840	17.77
1913.....	175,511,563	1,772,027	1.01	51,252,194	4,626,842	9.01
1914.....	244,746,153	2,277,884	.93	44,535,145	5,634,333	12.64
Totals.....	\$2,063,171,634	\$55,303,953	2.68	\$901,833,176	\$158,470,471	17.57

FIRE INSURANCE STOCK

DIVIDENDS OF AMERICAN FIRE INSURANCE

NAME AND LOCATION OF COMPANY.	Capital Paid up.	Par Value of Stock.	ANNUAL DIVI									
			1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<i>Etna, Hartford.....</i>	\$ 5,000,000	100	18	18	18	18	18	18	18	18	18	18
Agricultural, Watertown.....	500,000	100	10	10	10	10	10	10	10	10	10	10
Albany, Albany.....	250,000	50	8	8	8	8	6	12	8	8	8	8
Allemania, Pittsburg.....	200,000	50	7	8	6	8	4	8	8	8	8	8
Alliance, Philadelphia.....	750,000	10	..	..	..	..	..	..	..	..	..	..
Amazon, Shawnee.....	162,000	5	..	..	..	..	..	..	..	..	..	..
American and Foreign, N. Y.....	300,000	..	..	..	..	..	..	..	v	8	4	4
American Automobile, St. Louis	225,000	100	..	..	..	..	..	..	..	..	..	..
American Druggists, Cincinnati	200,000	25	..	..	..	..	..	..	..	..	..	..
American, Newark.....	1,000,000	5	10	10	10	10	10	10	10	10	10	10
American Central, St. Louis...	21,000,000	100	8	10	10	10	10	10	10	10	10	10
Anglo-American, Chicago.....	200,000	25	..	..	..	..	..	..	..	..	..	..
Arizona, Phoenix.....	200,000	1	..	..	..	..	..	..	..	..	..	..
Arlington, Washington.....	200,000	10	8	8	8	8	8	8	8	8	8	16
Assur. Co. of America, N. Y.....	200,000	100	..	..	..	..	..	..	v	15	12	12
Atlanta Home, Atlanta.....	200,000	100	8	9	9	28	7	8	8	8	2	..
Atlantic City, Atlantic City.....	100,000	100	..	..	..	..	..	..	..	..	..	..
Atlantic Fire, Raleigh.....	125,000	100	..	..	..	..	..	..	..	..	..	..
Austin Fire, Austin.....	250,000	100	..	..	..	..	..	..	..	..	..	..
Automobile, Hartford.....	300,000	100	..	..	..	..	..	..	..	..	..	..
Bankers & Merchants, Min'pls	203,360	100	..	..	..	..	..	..	..	..	..	..
Birmingham, Pittsburg.....	200,000	50	6	6	6	6	6	8	8	8	8	8
Boston, Boston.....	1,000,000	100	10	10	10	10	10	10	10	10	10	10
Buckeye National, Toledo.....	100,000	50	..	..	..	..	..	..	..	..	..	..
Buffalo German, Buffalo.....	400,000	100	20	20	40	20	25	30	25	30	30	20
Caledonian American, N. Y.....	200,000	100	..	..	..	..	..	..	..	v	5	8
California, San Francisco.....	400,000	40	..	..	..	..	..	..	..	..	..	..
Camden F. Ins. Ass'n, Camden..	700,000	5	10	10	10	10	10	10	10	10	10	11
Capital, Sacramento.....	250,000	50	..	..	..	..	..	..	..	..	..	..
Capital Fire, Concord.....	200,000	100	6	6	6	6	5	4	4	4	4	4
Carolina, Wilmington.....	50,000	10	10	8	3	6	6	6	6	6	6	6
Citizens, St. Louis.....	200,000	100	3	6	3	6	3	6	6	7	75	8
City, New York.....	583,200	100	..	..	..	..	..	..	..	..	..	..
City, Pittsburg.....	100,000	50	8	8	8	8	6	6	6	6	6	6
Cleveland National, Cleveland	700,000	100	..	..	..	..	..	..	..	..	..	..
Colonial Assurance, New York..	200,000	50	..	..	..	..	..	v	8	8	5	8
Columbia, Dayton.....	150,000	100	8	8	8	8	8	8	8	8	8	8
Columbia, Jersey City.....	400,000	100	..	..	..	..	..	..	..	..	..	..
Columbia Fire, Athens.....	100,000	100	..	..	..	..	..	..	..	..	..	..
Columbian, Indianapolis.....	250,000	50	..	..	..	..	..	..	..	..	..	..
Columbian National, Detroit..	962,325	25	..	..	..	..	..	..	..	..	..	..
Commerce, Albany.....	200,000	25	8	6	6	6	6	8	8	8	8	8
Commercial Union, New York..	200,000	100	v	8	8	8	1 1/2	3	3	4	5	5
Commonwealth, Dallas.....	250,000	100	..	..	..	..	..	..	..	..	..	..
Commonwealth, New York.....	500,000	100	8	3	6	3	8	6	9	6	6	6
Concordia, Milwaukee.....	600,000	100	6	6	8	8	7	8	9	10	10	10
Connecticut, Hartford.....	1,000,000	100	8	8	8	8	8	10	10	10	10	10
Continental, New York.....	2,000,000	100	14	14	14	15.4	15.4	17.7	20	27	25	25
Corcoran, Washington.....	100,000	50	6	6	6	6	6	6	6	6	6	6
County Fire of Philadelphia....	400,000	100	7	7	6	6	6	6	6	6	6	6
Detroit F. and M., Detroit....	500,000	50	10	11.7	10	10	10	10	10	10	10	10
Detroit National, Detroit.....	388,850	50	..	..	..	..	..	..	..	..	..	..
Dixie Fire, Greensboro.....	500,000	50	..	..	..	..	..	..	..	..	..	..

* Including stock dividend of twenty-five per cent. † Capital increased \$100,000 to \$700,000 in 1914. § Formerly the
 & Scrip dividend to policyholders twenty-five per cent. c Bid. d Scrip dividend to policyholders ten per cent. e Capital
 e:nt stock dividend. f Includes 75 per cent stock dividends. g No dividend declared. r Capital increased from \$370,700
 y Capital reduced from \$400,000 in 1912. s On average of \$300,000.

CKS AND DIVIDENDS

COMPANIES FOR TWENTY-FIVE YEARS.

DEND—PER CENT.														CASH DIVIDEND DECLARED DURING 1915 TO DATE.		Net Book Value of Stock Per \$100, January 1, 1915.	Latest Sale of Stock (per cent).
1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.	1912.	1913.	1914.	Date.	Pr.Ct.		
17½	16.7	14	16½	16½	19	19	19	18½	16	16	16	18	18	.....	..	\$233.37	330
10	10	10	10	10	10	10	10	12½	15	15	15	15	20	Jan.	10	417.92	100
8	8	8	8	8	9	10	10	10	10	10	10	10	10	.....	..	285.04	200
8	8	8	4	8	8	10	15	15	15	15	15	15	15	Jan.	3	458.18	125
..	..	..	..	..	4	..	..	6	6	8	8	8	8	.....	..	207.20	165
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	128.33	...
..	4	5	5	5	7	7	7	7	7	7	..	..	..	.....	..	330.80	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	Jan.	2½	149.17	...
..	..	..	..	..	..	..	..	..	6	8	9	9	9	Mch.	9	151.35	...
10	10	16	16	16	18	16	20	20	20	24	24	28	28	.....	..	436.63	520
10	10	10	10	10	12	12	12	12	12	12	12	8	15	.....	..	211.55	175
..	..	..	..	..	..	..	..	..	..	3	16	..	..	.....	..	101.97	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	147.08	...
16	16	16	16	16	16	16	16	16	16	16	8	8	8	.....	..	150.48	...
12	5	..	3½	..	..	..	..	..	5	5	5	5	5	Jan.	2¼ ½	231.22	...
..	..	5	6	6	..	..	7	7	7	7	7	7	3½	.....	..	187.59	...
..	..	..	..	..	..	12	8	8	8	10	12	14	14	.....	..	294.23	...
..	..	..	..	..	..	..	..	..	..	8	8	8	8	.....	..	151.22	...
..	..	..	..	3	4½	..	5	10	10	10	10	10	10	Jan.	10	170.64	155
..	..	..	..	..	..	..	..	..	..	..	..	..	10	.....	..	197.59	...
..	8	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	135.22	...
13	12	12	9	9	10	10	10	10	10	10	10	10	12	.....	..	178.96	...
..	..	..	..	..	12	20	18	30	30	30	21	24	24	.....	..	333.77	...
30	30	30	30	30	20	30	30	30	35	35	135	15	15	.....	..	144.42	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	567.48	...
..	4½	4½	4½	4½	..	..	3	4	4	..	4	4	4	.....	..	121.75	150
10	10	10	10	10	10	10	10	10	10	11	12	12	12	Jan.	6	144.51	295
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	215.03	210
2	..	4	4	4	5	5	5	3.85	6	27.45	10	10	10	Jan.	5	107.21	...
6	6	6	6	6	6	6	6	6	8	8	8	8	8	Jan.	4	205.56	175
..	..	..	..	..	..	..	..	..	8	8	8	8	8	.....	..	181.23	160
..	..	..	..	..	..	..	..	..	8	8	11	12	12	.....	..	279.51	...
7	8	8	10	10	10	10	10	10	10	10	10	10	10	.....	..	134.92	200
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	142.77	130
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	147.20	...
..	3	4	5	5	6	7	7	..	8	4	4	4	4	.....	..	197.18	130
8	8	10	10	10	10	10	10	10	10	10	10	10	10	Jan.	5	463.43	260
..	3	3½	..	..	..	..	3½	..	..	..	..	..	..	.....	..	202.26	...
..	..	..	..	..	..	..	..	..	..	..	..	10	10	.....	..	125.29	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	128.55	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	128.86	200
8	8	8	8	8	8	10	10	10	10	10	10	10	10	Jan.	2½	226.79	...
5	5	5	5	5	7	7	7	10	10	10	10	10	10	.....	..	302.16	...
..	..	..	..	..	8	8	9	10	10	10	10	10	10	.....	..	198.04	...
6	6	7	8	9	10	10	10	10	10	10	10	10	10	.....	..	363.47	275
10	6	6	6	6	4	8	8	8	8	10	10	10	10	.....	..	164.55	200
10	10	10	12	12	12	12	12	16	16	16	16	10	10	.....	..	222.59	370
25	25	30	36	36	45	45	45	55	75	50	50	50	50	.....	..	883.33	890
6	6	9	10	10	10	10	10	10	10	10	10	10	10	.....	..	257.08	...
..	..	6	6	6	8	8	8	8	8	8	8	8	4	.....	..	115.36	125
10	10	10	10	10	10	10	10	12½	10	12	12	13	12	Jan.	3	306.22	275
..	..	..	..	..	..	..	..	..	..	..	..	4	6	.....	..	120.85	...
..	..	..	..	..	..	..	8	..	..	..	..	..	6	.....	..	133.69	...

Central National Chicago. ¶ Capital increased from \$320,000 in 1914. * Capital decreased \$1,000,000 during 1914.
increased \$200,000 by merger with the Buffalo Commercial 1914. / Capital increased from \$900,000 in 1914. A Also 100 per
in 1914. † Preferred 6 per cent; common, 10 per cent. v Year of organization. w Also stock dividend 50 per cent.

FIRE INSURANCE STOCKS

NAME AND LOCATION OF COMPANY.	Capital Paid up.	Par Value of Stock.	ANNUAL DIV										
			1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
	\$	\$											
Dubuque F. and M., Dubuque..	200,000	100	✓	✓	10	10	10	10	16	16	16	15	15
Eagle, Newark	200,000	25	..	..	..	..	..	..	..	..	..	..	..
Eastern, Atlantic City	200,000	100	..	..	..	..	..	..	..	..	..	..	..
Eastern Fire, Concord	630,000	100	..	..	..	..	..	..	..	..	..	..	..
Eastern Shore, Keller	26,715	10	..	..	..	..	..	..	..	..	..	..	..
Equitable, Charleston	200,000	50	..	..	..	..	..	✓	2½	7	5	6	6
Equitable F. & M., Providence	400,000	50	7	4	3	3	6	6	6	6	7	7	7
Equity Fire, Kansas City	100,000	100	..	..	..	..	..	..	..	..	..	..	..
Eureka F. & M., Cincinnati...	100,000	20	12	12	12	12	12	12	12	12	12	12	8
Fact. & Traders Mut., Mobile..	150,000	100	10	✓	✓	8	8	9	15	15	10	10	10
Farmers, Cedar Rapids	200,000	100	25	15	10	18	10	10	10	10	10	10	10
Federal, Jersey City	1,000,000	100	..	..	..	..	..	..	..	..	..	..	..
Federal Union, Chicago	100,000	100	..	..	..	..	..	..	..	..	..	..	..
Fidelity Phenix, Fire, New York	2,500,000	100	..	..	..	..	..	..	..	..	..	..	..
Fire Association, Philadelphia..	750,000	50	40	40	40	40	40	40	40	40	40	40	40
Firemans Fund, San Francisco.	1,500,000	100	12	12	12	12	12	12	12	12	12	12	12
Firemen & Mechanics, Madison	100,000	100	..	..	..	..	..	..	..	..	..	..	..
Firemens, Washington	200,000	20	✓	✓	✓	✓	✓	✓	10	10	10	10	8
Firemens, Newark	1,000,000	50	12	12	12	12	12	12	12	12	14	10	10
First National, Washington...	899,536	5	..	..	..	..	..	..	..	..	..	..	..
First Reinsurance, Hartford...	500,000	100	..	..	..	..	..	..	..	..	..	..	..
Franklin, Philadelphia	500,000	25	25	22½	22½	20	22½	25	25	25	22½	20	20
Georgia Home, Columbus	300,000	100	17	12	6	12	12	12	12	12	12	12	12
German, Baltimore	500,000	10	10	10	10	10	10	10	10	10	10	10	10
German, Louisville	200,000	50	6	6	6	6	6	6	6	6	6	6	6
German, Peoria	200,000	100	6	6	6	9	✓	9	9	9	9	9	9
German, Pittsburg	300,000	50	10	10	10	10	10	10	10	10	10	10	10
German, Wheeling	200,000	100	10	10	10	10	10	10	10	10	10	10	10
German Alliance, New York...	400,000	100	..	..	..	..	..	..	✓	✓	✓	✓	✓
German-American, N. Y.	2,000,000	100	20	20	20	20	20	20	20	25	30	30	30
German-American, Baltimore..	500,000	25	6	6	6	6	6	6	6	6	6	6	6
German-American, Pittsburg...	200,000	50	8	8	8	8	8	8	8	8	8	8	8
German-American, Wash.	100,000	100	10	10	10	10	10	10	10	12	12	12	12
Germania, New York	1,000,000	50	10	10	10	10	10	10	10	12	12	15	15
Girard F. & M., Philadelphia..	500,000	100	24	24	20	20	20	20	22	23	23	25	21
Glens Falls, Glens Falls	1,500,000	10	10	10	10	20	20	20	20	20	30	30	30
Globe & Rutgers, New York...	400,000	100	8	8	✓	6	✓	✓	✓	6	7	6	✓
Globe Fire, Huron	200,000	100	..	..	..	..	..	..	..	..	..	..	..
Granite State, Portsmouth	200,000	100	6	6	6	6	6	6	6	6	6	6	6
Guardian, Salt Lake City	96,320	10	..	..	..	..	..	..	..	..	..	..	..
Hamilton, New York	200,004	15	6	6	3	✓	6	6	6	6	6	6	6
Hanover, New York	1,000,000	50	10	10	10	10	10	7	7	10	10	10	10
Hartford, Hartford	2,000,000	100	24	24	24	24	24	26	28	32	32	32	32
Henry Clay, Lexington	300,000	100	..	..	..	..	..	..	..	..	..	..	..
Hernando, Memphis	100,000	100	10	9	5	✓	4	4	3	✓	8	8	8
Home, Hampton	15,975	5	..	..	..	..	..	..	..	..	..	..	..
Home, Honolulu	50,000	50	..	..	..	..	..	..	..	..	..	..	..
Home, New York	16,000,000	100	10	10	10	10	10	10	10	10	10	10	10
Home, Salt Lake City	300,000	100	7½	10	7½	7½	6½	7½	7½	6	8	8	6½
Home Fire, Fordyce	100,000	25	..	..	..	..	..	..	..	..	..	..	..
Humboldt, Pittsburg	300,000	50	6	6	7	8	8	8	8	4	8	8	8
Imperial, New York	200,000	..	..	..	..	..	..	..	..	..	..	✓	..
Independence, Philadelphia...	200,000	100	..	..	..	..	..	..	..	..	..	..	..
Industrial Fire, Akron	100,000	10	..	..	..	..	..	..	..	..	..	..	..
Ins. Co. of N. America, Phila.	4,000,000	10	15	15	12	12	12	12	12	12	12	12	12
Ins. Co. of State of Pa., Phila.	1,000,000	100	6	6	8	8	8	8	8	8	8	8	8
International, Fort Worth	200,000	100	..	..	..	..	..	..	..	..	..	..	..
International, New York	200,000	100	..	..	..	..	..	..	..	..	..	..	..
Interstate, Detroit	170,495	25	..	..	..	..	..	..	..	..	..	..	..

† Also stock dividend 100 per cent. a Based on amount of old stock. A stock dividend of 150 per cent was also paid. c Bid. A Capital increased from \$200,000 in 1912. i Capital increased from \$800,000 in 1913, by merger with American Fire, Ins. Co. of State of Pa. and the Union of Philadelphia under the title of Ins. Co. of State of Pa. e Special. ✓ No dividend

AND DIVIDENDS—Continued.

DIVID—PER CENT.														CASH DIVIDEND DECLARED DURING 1915 TO DATE.		Net Book Value of Stock Per \$100, January 1, 1915.	Latest Sale of Stock (per cent)
1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.	1912.	1913.	1914.	Date.	Pr. Ct.		
15	20	20	20	12	14	16	18	20	20	20	20	20	20	Jan.	12½	\$304.31	...
..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	158.13	c132
..	..	..	..	..	..	..	6	..	..	..	4	4	5	Jan.	2½	128.94	110
..	..	..	..	v	5	5	5	5½	8	60	30	10	7	..	..	136.73	...
..	..	..	..	..	v	..	..	..	..	..	..	..	15	..	..	347.50	...
6	6	7	..	..	6	6	6	7	7	10	7½	7	7	..	..	141.42	...
7	7	7	7	7	4	..	2½	5	6	3	..	6	6	Feb.	3	151.07	150
..	..	..	..	..	..	..	..	..	..	..	..	..	..	Jan.	6	203.96	...
8	8	8	8	8	8	8	8	8	8	8	8	8	8	..	..	243.25	...
10	10	10	10	10	10	10	10	10	10	10	10	10	10	..	..	137.09	...
15	15	15	15	15	15	15	15	15	10	10	10	10	10	..	..	159.69	...
v	10	10	10	10	10	6	..	8	8	10	10	10	12	..	..	220.47	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	154.38	...
..	..	..	..	..	..	..	..	..	v 2½	10	10	10	10	..	..	261.17	c285
40	40	40	40	40	40	40	40	40	40	40	40	40	40	Jan.	20	400.50	650
12	12	12	12	12	4	..	10	10	14	12	16	16	16	Jan.	4	251.34	235
..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	129.09	...
8	8	8	8	8	7	6	6	6	6	6	6	6	6	..	..	103.67	...
10	10	10	12	12	15	15	18	16	18	20	20	24	24	Jan.	6	350.71	480
..	..	..	..	..	..	..	..	..	..	..	v	..	..	..	..	142.52	...
..	..	..	..	..	..	..	..	..	..	..	v	..	..	..	..	222.04	...
20	20	20	20	20	10	6	11	12	12	12	12	12	12	..	..	195.46	250
32	10	30	..	6	10	10	10	10	7½	3	..	..	..	..	..	114.30	...
10	10	10	..	3	6	6	6	6	6	6	6	6	10	..	..	244.00	...
6	6	6	5	6	6	6	6	6	6	6	6	6	6	..	..	222.15	...
9	9	9	13½	9	9	..	..	..	..	..	v	..	..	..	..	115.25	...
10	10	10	10	10	12	11	12	12	12	12	12	12	12	Jan.	3	156.75	140
10	10	10	10	5½	9	10	10	14	12	12	9	9	8	..	..	160.52	150
6	6	10	10	10	12	12	12	12	15	15	15	15	15	..	..	322.31	255
30	30	30=20	30	30	30	30	30	30	30	30	30	30	30	..	..	594.65	515
6	7	8	5½	6	6	6	6	8	8	8	8	8	10	Jan.	5	191.57	160
8	9	10	8	7	10	10	10	12	14	14	14	14	14	Jan.	7	220.73	...
19	15	12	12	12	12	12	15	15	18	12	18	18	18	..	..	345.05	...
15	16	16	20	20	15	12	12	15	18	20	20	20	20	Jan.	10	377.12	c305
20	20	22	22½	20	20	20	20	20	20	20	20	20	20	..	..	171.43	225
50	30	60	60	35	90	30	30	30=85	120	220	2105	37	37	Jan. Ap	22	521.37	700
..	3	11	11	16	16	30	45	40	40	40	40	40	40	Jan.	10	996.02	c525
..	..	..	..	..	..	..	..	..	..	v	8	4	10	..	..	116.33	...
6	6	6	6	6	8	8	10	10	10	10	10	10	10	..	..	256.04	...
..	..	..	..	..	..	..	..	..	..	..	..	v	..	..	..	195.89	...
6	6	3	..	..	..	..	..	..	..	..	..	..	4	..	..	126.16	...
8	8	10	9	8	4	10	10	10	15	19½	16	16	12½	Jan.	2½	170.63	190
32	32	35	40½	40	35	23	30	32½	35	35	35	40	40	..	..	448.48	c715
..	..	..	..	..	..	..	..	..	..	..	..	..	15	..	..	129.17	...
8	8	8	8	8	8	8	3	8	7	3	3	3	3	..	..	106.29	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	332.43	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	140.11	110
13	14	14	14	20	20	20	20	25	30	35	35	40	40	..	..	289.83	c395
9	12½	10½	10	10	12	12	12	12	12	14	14	14	14	..	..	312.66	...
..	..	..	..	v	10	15	15	10	10	10	39½	10	10	..	..	237.13	...
10	12	16	16	16	16	16	16	16	16	16	16	16	24	Jan.	8	156.30	200
..	..	..	..	..	..	..	..	..	..	..	..	..	10	..	..	237.39	...
..	..	..	..	..	..	..	..	..	v	..	..	..	..	Jan.	2	142.69	127
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	118.6	...
12	12	12	12	12	12	12	12	12	12	12	12	12	12	Jan.	6	221.23	220
7	6	6	3	6	3	6	6	8	12	12	8	8	6	Jan.	3	132.53	91
..	..	..	..	..	..	..	..	..	5	..	..	..	5	..	..	126.11	...
..	..	..	..	..	..	..	..	v	10	10	10	10	310	..	..	127.08	...
..	..	..	..	..	..	..	..	..	..	..	..	v	..	..	..	123.76	240

† Also stock dividend 100 per cent. ‡ Capital increased from \$10,000 in 1913. § Capital increased from \$3,000,000 in 1913.
 Philadelphia. ¶ Extra. // Prior to 1911 dividend rates of Spring Garden, which company consolidated in 1911 with the
 declared. † Also stock dividend of 100 per cent. v Year of organization. z Increased from \$843,967 in 1914.

FIRE INSURANCE STOCKS

NAME AND LOCATION OF COMPANY.	Capital Paid up.	Par Value of Stock.	ANNUAL DIVI											
			1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	
	\$	\$												
Iowa Manufacturers, Waterloo.	100,000	100	..	..	..	..	..	..	..	..	..	..	..
Knickerbocker, New York.....	250,000	100	..	..	..	..	..	..	..	..	..	..	..
Lafayette, New Orleans.....	150,000	100	10	10	10	10	10	10	10	10	10	10	10	
L'pool & Lon. & Globe, N.Y....	200,000	100	..	..	..	..	..	..	u	u	u	u	u
Lumbermens, Philadelphia....	250,000	25	8	8	8	8	8	10	10	10	10	10	10	
Lumbermens Marine, Norfolk.	25,000	25	..	..	..	..	..	..	..	..	..	..	..
Madison, Madison.....	100,000	50	..	..	..	..	..	..	..	..	..	..	..
Marquette National, Chicago..	300,000	10	..	..	..	..	..	..	..	..	..	..	..
Maryland Motor Car, Baltimore	300,000	100	..	..	..	..	..	..	..	..	..	..	..
Massachusetts F. & M., Boston	500,000	100	..	..	..	..	..	..	..	..	..	..	..
Mechanics, Philadelphia.....	250,000	25	8	8	8	8	8	8	8	8	8	8	8	
Mechanics & Traders, N. O....	300,000	100	10	10	5	5	10	5	u	3	u	u	u	
Merchants, Bangor.....	100,000	100	8	8	4	8	6	8	8	4	8	8	8	
Merchants, New York.....	200,000	100	..	..	..	..	..	..	..	..	..	..	..
Merchants Fire, Denver.....	200,000	10	..	..	..	..	..	..	..	..	..	..	..
Merchants Union, Meridian...	100,000	100	..	..	..	..	..	..	..	..	..	..	..
Metropolitan Fire, Chicago....	100,000	100	..	..	..	..	..	..	..	..	..	..	..
Michigan Commercial, Lansing	400,000	50	..	..	..	..	..	..	..	..	..	..	..
Michigan F. & M., Detroit....	400,000	50	8	8	8	4	u	4	9	8	8	8	4	
Milwaukee Mech., Milwaukee.	1,000,000	10	25	30	30	20	20	30	35	40	40	40	40	
Minneapolis F. & M., Minneapt	200,000	100	..	..	..	..	..	..	..	..	..	..	..
Minnesota Fire, Chatfield.....	103,000	10	..	..	..	..	..	..	..	..	..	..	..
Montana Fire, Butte.....	224,785	100	..	..	..	..	..	..	..	..	..	..	..
National-Ben Franklin, Pittsb'g	1,000,000	50	8	8	8	8	8	10	10	12	12	12	12	
Nat'l F. & M., Elizabeth, N. J..	100,000	100	6	6	6	6	6	6	6	6	6	6	6	
National, Hartford.....	2,000,000	100	10	10	10	10	10	10	10	12	12	12	12	
National Brewers, Chicago.....	200,000	..	..	..	..	..	..	..	..	..	..	..	..
National Lumber, Buffalo.....	200,000	100	..	..	..	..	..	..	..	..	..	..	..
National Union, Pittsburgh....	1,000,000	100	..	..	..	..	..	..	..	..	..	..	..
National Union, Washington...	100,000	5	20	20	20	18	16	6	12	12	12	12	12	
Nevada Fire, Carson City.....	100,000	50	..	..	..	..	..	..	..	..	..	..	..
New Brunswick, New Brunsw'k	400,000	25	16	16	16	10	12	14	12	10	12	18	14	
New Hampshire, Manchester...	1,350,000	100	8	8	8	8	8	8	9	10	10	10	10	
New Jersey, Newark.....	1,000,000	25	..	..	..	..	..	..	..	..	..	..	..
Newark, Newark.....	500,000	5	10	10	10	10	10	10	10	10	10	10	10	
Niagara, New York.....	1,000,000	50	10	10	10	10	10	10	10	10	10	10	10	
North Branch, Sunbury.....	112,500	25	..	..	..	..	..	..	..	..	..	..	..
North British & Mer., N. Y....	200,000	100	..	..	..	..	..	..	u	u	u	u	u
North Carolina Home, Raleigh	126,400	100	..	..	..	..	..	..	..	..	..	..	..
North River, New York.....	500,000	25	6	6	6	6	6	6	6	7	7½	8	8	
Northern F. & M., Gd. Forks..	100,000	10	..	..	..	..	..	..	..	..	..	..	..
Northern, New York.....	350,000	100	..	..	..	..	..	..	u	3	3	u	u
N'w'st. F. & M., Minneapolis...	300,000	100	..	..	..	..	..	..	..	..	..	..	..
Northwestern National, Mil...	1,000,000	100	10	10	10	5	10	12	12	12	12	13	12	
Occidental Fire, Albuquerque..	200,000	1	..	..	..	..	..	..	..	..	..	..	..
Ohio Valley F. & M. Paducah.	70,000	10	..	..	..	..	..	..	..	..	..	..	..
Old Colony, Boston.....	400,000	100	..	..	..	..	..	..	..	..	..	..	..
Orient, Hartford.....	1,000,000	50	6	6	6	u	u	8	8	10	10	10	5	
Pacific, New York.....	400,000	25	12	11	10	10	10	10	10	10	10	10	10	
Pacific National, Sacramento..	250,000	50	..	..	..	..	..	..	..	..	..	..	..
Pacific States Fire, Portland...	331,300	100	..	..	..	..	..	..	..	..	..	..	..
Palmetto, Sumter.....	25,000	5	..	..	..	..	..	..	..	..	..	..	..
Pennsylvania, Philadelphia....	750,000	100	15	15	15	15	15	15	20	20	25	25	25	
Peoples Fire, Frederick.....	100,000	100	..	..	..	..	..	..	..	..	..	..	..
Peoples Nat., Philadelphia....	1,000,000	25	..	..	..	..	..	..	..	..	..	..	..
Petersburg Sav. & Ins. Co., Va.	200,000	20	7	7	7	7	7	8	9	9	9	9	9	
Phoenix, Hartford.....	3,000,000	100	14	14	14	14	14	14	14	14	14	14	14	
Piedmont, Charlotte.....	100,000	10	..	..	..	..	..	u	u	u	u	u	u
Pittsburg, Pittsburg.....	200,000	50	16	16	16	16	16	16	16	16	16	16	16	

* Capital increased from \$1,000,000 in 1912. † Formerly Winona Fire; name changed in 1911. ‡ Also 25 per cent stock 1912. § Includes 5 per cent extra. ¶ Capital increased from \$300,000 in 1914. ¤ Calculated on capital at beginning of 1913. ¨ Cap. increased from \$500,000 in 1913. & Stock dividend. # No dividend declared. \$ Cap. increased from

AND DIVIDENDS—Continued.

PER CENT.															CASH DIVIDEND DECLARED DURING 1915 TO DATE.		Net Book Value of Stock Per Share, January 1, 1915.	Latest Sale of Stock (per cent).
1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.	1912.	1913.	1914.	Date.	Pr. Ct.			
..	..	..	..	v	♢	♢	♢	♢	1½	3	♢	♢	♢	.....	..	\$111.00	180
10	10	10	10	10	10	10	10	12	14	15	15	15	5	.....	..	159.89	...
♢	♢	5	5	5	5	5	5	5	7½	7½	7½	7½	10	.....	..	193.39	...
10	10	10	10	10	12	12	12	14	16	18	18	18	18	Jan.	9	383.99	...	
..	..	..	..	..	..	..	..	..	..	..	..	..	20	.....	..	569.99	420
7	7	7	7	7	7	7	7	7	8	5	8	8	8	.....	..	252.70	...
..	..	..	..	..	..	..	..	..	..	..	..	..	v	.....	..	171.10	...
..	..	..	..	..	..	..	..	..	v	♢	♢	5	5	Jan.	1½	111.78	100
..	..	..	..	..	..	..	..	..	v	♢	♢	3	3	.....	..	111.87	100
8	8	8	8	8	10	10	10	10	10	10	10	10	10	.....	..	152.56	200
♢	♢	♢	♢	♢	10	10	10	10	6	6	4	4	4	.....	..	257.31	176
8	8	8	8	8	10	10	10	11	12	12	12	12	12	.....	..	277.84	...
..	..	..	..	..	..	..	..	..	v	♢	♢	10	12	.....	..	285.43	...
..	..	..	..	..	..	v	4	4	♢	♢	♢	10	8	.....	..	300.55	...
..	..	..	..	..	..	..	4	4	4	8	4	8	8	Feb.	4	164.25	...
..	..	v	♢	6	6	6	8	8	8	8	8	8	8	.....	..	146.17	125
..	..	v	♢	10	5	♢	5	5	10	10	10	10	10	.....	..	140.72	...
4	6	6	6	6	6	6	6	6	♢	♢	♢	♢	♢	.....	..	150.00	130
40	40	40	45	40	20	13	16	16	18	42½	12	12	12	Jan.	3	186.49	180	
..	v	10	10	10	10	10	10	10	10	10	10	10	10	.....	..	164.03	...
..	..	..	..	..	..	..	..	v	♢	5	♢	♢	5	.....	..	221.27	...
12	12	16	16	16	16	16	16	16	16	16	16	16	12	.....	..	123.14	...
6	6	6	6	6	7	7	8	9	10	10	10	10	6	.....	..	135.14	...
12	12	12	12	12	7	11	12	13	20	20	20	20	20	Jan.	5	138.55	...	
..	..	..	..	..	v	10	10	10	10	5	12½	5	10	.....	..	130.95	...
v	♢	♢	♢	♢	4	4	4	8	10	10	6	6	3	.....	..	280.31	357
10	10	5	6	7	7	7	7	7	7	7	7	7	7	.....	..	163.91	...
..	..	..	..	..	..	..	..	..	..	..	..	..	v	.....	..	125.14	...
..	..	..	..	..	..	..	..	..	..	..	..	..	v	.....	..	126.33	...
..	..	..	..	..	..	..	..	..	..	..	..	..	v	.....	..	257.97	160
10	10	♢	7½	6	3½	5	10	10	10	12	15	12	12	.....	..	134.13	...
10	10	10	10	10	10	10	10	10	10	10	10	10	10	.....	..	151.64	x180
..	..	..	..	..	..	..	..	..	v	♢	♢	♢	♢	.....	..	227.79	200
10	10	10	10	10	10	10	10	11	13	14	14	14	14	Jan.	7	132.66	x80	
10	14	20	20	20	10	20	20	20	47½	20	25	25	25	Jan.	10	202.98	296	
♢	6	10	10	10	10	10	10	10	10	v	♢	♢	2½	.....	..	332.37	315
..	..	..	..	..	..	..	..	..	10	10	10	10	10	.....	..	116.72	...
7½	♢	8	8	9	10	10	10	6	6	6	6	6	6	Feb.	6	870.02	...	
..	..	..	..	..	..	..	..	..	10	10½	10	10	10	.....	..	256.86	...
..	..	..	..	..	..	..	..	..	10	10	10	10	10	.....	..	226.16	x140
..	..	..	..	..	..	..	..	..	..	..	..	..	v	.....	..	101.99	...
10	♢	5	2½	5	5	5	5	5	5	5	6	6	6	.....	..	164.86	...
13½	14	15	30k	♢	7	6	7½	♢	6.50k	6	10	10	10	.....	..	214.96	...
..	..	..	..	..	..	..	..	..	v	♢	♢	♢	♢	Jan.	7½	268.84	300
..	..	..	..	..	..	..	..	..	..	..	..	..	♢	.....	..	103.44	...
..	..	..	..	..	v	2	4	4	2	♢	♢	..	v	.....	..	188.37	200
♢	40	10	10	20	10	♢	♢	♢	40	♢	20	♢	♢	.....	..	183.18	...
5	10	♢	♢	3	6	6	12	12	14	14	24	14	10	.....	..	200.20	...
..	..	..	..	..	..	..	..	..	..	..	..	..	v	.....	..	177.92	...
..	..	..	..	..	..	..	..	v	♢	♢	♢	♢	♢	.....	..	122.66	...
..	..	..	..	..	..	..	..	..	..	..	..	..	v	.....	..	154.67	160
25	25	25	25	30	25	20	20	25	27½	30	30	♢	30	.....	..	151.92	...
..	..	..	..	..	..	v	v	5	5	9	6	6	6	.....	..	369.29	390
..	..	..	..	..	..	..	..	♢	5	5	♢	♢	♢	.....	..	128.62	...
..	..	..	..	..	..	..	..	..	5	5	♢	♢	♢	.....	..	126.22	58
10	11	12	12	13	16	16	16	16	18	18	18	18½	20	.....	..	459.88	550
14	12	12	14	12	8	10	12	13½	16	16	17	20	20	Jan.	5	315.74	x358	
16	16	16	16	16	16	16	16	16	16	16	16	16	8	.....	..	309.05	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	154.42	...

dividend. § Special, on original stock. ¶ Capital increased from \$322,626 in 1914. * Capital increased from \$100,000 in 1912. † Capital increased from \$200,000 in 1913. / Capital increased from \$350,000 in 1913. g Cap. increased from \$1,200,000 in 1914. Cap. increased from \$900,000 in 1913. v Year of organization. w Also stock dividend, \$28.375 ± Bid.

FIRE INSURANCE STOCKS

NAME AND LOCATION OF COMPANY.	Capital Paid up	Par Value of Stock.	ANNUAL DIV.											
			1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	
	\$	\$												
Piscataqua Fire, Portsmouth...	10,000	100	..	..	..	..	..	..	..	..	..	..	..
Portsm'th F. Assn., Ports. N.H.	50,000	100	?	?	?	?	9	6	8	8	8	8	8	
Potomac, Washington.....	200,000	25	?	?	16	12	12	12	12	12	12	12	12	
Providence Washington, Prov.	1,000,000	50	6	6	3	?	3	8	8	8	10	10	10	
Prudential, Manchester.....	100,000	10	..	..	..	..	..	..	..	..	..	..	..
Queen of America, New York..	1,000,000	100	..	v	?	?	?	10	10	20	20	20	20	
Queen City, Sioux Falls.....	200,000	100	..	..	..	..	..	..	..	..	..	..	..
Reliance, Philadelphia.....	400,000	50	8	8	6	6	8	6	6	7	7	6	6	
Retailers Fire, Savannah City.	50,800	10	..	..	..	..	..	..	..	..	..	..	..
Rhode Island, Providence.....	400,000	100	..	..	..	..	..	..	..	..	..	..	..
Richmond, New York.....	200,000	100	..	..	..	..	..	..	..	..	..	..	..
Rocky Mountain, Great Falls..	250,000	100	..	..	..	..	..	..	..	..	..	..	..
St. Paul F. & M., St. Paul.....	1,000,000	100	10	12	12	12	10	10	10	10	10	10	10	
Savannah Fire, Savannah.....	100,000	100	..	..	..	..	..	..	..	..	..	..	..
Seaboard, Atlantic City.....	50,000	100	..	..	..	..	..	..	..	..	..	..	..
Security, Cincinnati.....	150,000	100	6	6	6	6	6	6	6	6	6	6	6	
Security, New Haven.....	1,000,000	40	8	4	?	?	3	6	6	6 1/2	8	8	8	
Security Fire, Davenport.....	200,000	100	8	8	12	12	12	12	12	4 3/4	5	5	6	
Seneca, Buffalo.....	200,000	25	..	..	..	..	..	..	..	..	..	..	..
South Carolina, Columbia.....	50,000	10	..	..	..	..	..	..	..	..	..	..	..
Southern Home, Charleston...	92,300	125	..	..	..	..	..	..	..	..	..	..	..
Southern Stock, Greensboro...	120,000	..	..	..	..	..	..	#	..	..	..	..	..
Southern Und'rs, Greensboro...	200,000	..	..	..	..	..	..	..	..	..	..	..	..
Springfield F. & M., Springfield	2,500,000	100	10	10	10	10	10	10	10	10	10	10	10	
Standard, Hartford.....	500,000	50	..	..	..	..	..	..	..	..	..	..	..
Standard, Trenton.....	200,000	25	6	3	3	6	9	9	6	6	6	6	6	
State Dwelling House, Concord	25,000	100	..	j	12	12	9	9	12	9	9	9	9	
Sterling Fire, Indianapolis.....	850,000	10	..	..	..	..	..	..	..	..	..	..	..
Stonewall, Mobile.....	150,000	100	10	8	10	10	8	10	10	10	15	10	10	
Stuyvesant, New York.....	400,000	25	6 1/2	6	6	6	6	6	6	6	6	6	6	
Teutonia Fire, Pittsburg.....	200,000	50	8	8	8	8	8	9	10	10	10	10	10	
Teutonia, Dayton.....	250,000	20	20	20	20	20	20	20	20	25	20	20	20	
Toled F. & M., Sandusky.....	100,000	50	..	..	..	..	..	..	..	..	..	..	..
Twin City Fire, Minneapolis...	500,000	10	..	..	..	..	..	..	..	..	..	..	..
Und's of Greensboro, Gr'nsboro	100,000	100	..	..	..	..	..	..	..	v	?	?	6
Und's Fire, Concord, N. H....	200,000	100	6	6	6	3	4	4	4	4	4	4	4	
Underwriters Fire, Rocky M't.	51,500	100	..	..	..	..	..	..	..	..	..	..	..
Union, Bangor.....	300,000	100	16	20	16	10	12	13	9	12	16	16	16	
Union, Buffalo.....	200,000	100	6	6	6	6	6	6	6	6	6	6	6	
Union, Pittsburg.....	100,000	50	6	6	6	6	6	6	6	6	6	6	6	
United Firemens, Philadelphia.	400,000	10	7	7	6	6	8	9	10	10	10	10	10	
United States, New York.....	400,000	25	11	10	10	10	6	6	6	8	8	8	8	
Virginia F. and M., Richmond.	250,000	25	10	10	10	9	8	8	8	8	8	8	8	
Vulcan, New York.....	200,000	..	..	..	..	..	..	..	..	..	..	..	..
Vulcan, Oakland, Cal.....	500,000	..	..	..	..	..	..	..	..	..	..	..	..
Westchester, New York.....	300,000	10	10	10	10	10	10	10	10	10	10	16	16	
Western, Pittsburg.....	300,000	50	6	3	?	?	3	6	6	6	6	6	?	
Williamsburgh City, Brooklyn.	1,000,000	50	20	20	20	20	20	20	20	20	20	24	24	

* Capital increased from \$2,200,000 in 1913. † Capital increased from \$100,000 in 1913. ‡ Increased to \$1,000,000 in 1914.
 dividend. § Also 100 per cent stock dividend. ¶ Capital increased from \$600,000 in 1913, by merger with the Nassau &
 ganized as stock company in 1891. * Stock dividend. ? No dividend declared. * Capital increased from \$300,000 in 1912.
 § 1912, 6 per cent pref., 15 per cent com.; 1913, 3 per cent pref., 5 per cent com.; price, 300 per cent com., 100 per cent pref.

AND DIVIDENDS—Continued.

DIVID—PER CENT.														CASH DIVIDEND DECLARED DURING 1915 TO DATE.		Net Book Value of Stock Per \$100, January 1, 1915.	Latest Sale of Stock (per cent).
1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.	1912.	1913.	1914.	Date.	Pr. Ct.		
8	8	8	8	8	8	8	10	10	10	10	10	10	10	.....	..	\$278.42	...
12	12	12	6	8	8	8	10	10	10	5	10	10	10	Jan.	10	300.94	...
10	10	10	10	10	5	7½	10	10	10	10	10	10	10	.....	..	150.87	150
..	..	..	..	..	..	..	..	..	..	..	..	..	7½	.....	..	186.62	...
20	20	20	120	10	10	10	10	20	30	30	30	30	30	Jan.	15	502.14	...
6	7	7	6	7	7	7	7	10	10	10	10	8	6	.....	..	104.97	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	143.88	100
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	183.02	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	182.15	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	185.09	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	160.59	...
10	10	10	10	10	10	10	10	10	12	12	20	20	12g	Jan.	10	415.37	400
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	164.06	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	122.44	...
6	6	6	6	6	6	6	12	6	6	6	6	6	6	.....	..	157.10	...
8	8	8	8	8	4	6	12	12	14	12	14	10	9	Jan.	4	179.47	148
5	5	14	8	8	8	4	8	9	10	20	11	12	12	Jan.	6	125.30	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	204.97	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	208.11	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	Jan.	6	188.81	100
..	..	..	..	..	2	7	7	7	7	7	7	7	7	.....	..	179.19	...
10	10	10	10	10	10	10	10	10	10	10	10	10	10	.....	..	120.90	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	Jan.	5	178.79	205
..	..	..	..	..	..	..	..	..	..	..	..	..	..	Jan.	4	128.05	...
6	6	6	6	6	6	6	6	6	8	8	8	8	10	.....	..	332.88	200
9	9	9	9	9	9	9	9	9	9	9	9	9	9	.....	..	172.19	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	136.57	...
12	8	12	10	10	10	10	15	10	10	10	12	12	12	.....	..	183.93	...
3	3	3	3	3	6	3	10½	8	10	10	10	10	10	.....	..	137.74	100
10	10	10	12	16	16	22	20	20	20	20	16	16	11	Jan.	2	145.45	190
20	20	20	20	20	20	20	20	20	20	16 d	12	12	12	.....	..	340.31	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	130.46	150
6	6	6	6	6	6	6	6	6	6	6	6	6	6	Jan.	2	126.32	125
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	157.15	...
6	6	6	6	6	6	6	6	6	6	6	15	120	13	.....	..	150.07	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	172.26	...
16	16	16	16	16	20	16	30	20	12	12	12	12	12	.....	..	146.46	...
6	3	3	5½	3	6	6	6	6	3	6	6	6	6	Jan.	3	137.45	135
6	6	6	6	6	7	7	7	7	8	8	10	10	10	.....	..	218.86	...
10	10	10	10	10	10	10	3	6	8	8	8	8	8	.....	..	132.02	110
7	5	4	3	8	8	8	10	10	10	10	7	7	7	.....	..	151.27	180
8	8	8	8	8	8	8	10	10	10	10	11	12	12	.....	..	375.26	300
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	138.72	...
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....	..	178.29	...
16	16	16	20	20	30	30	30	30	40	40	40	40	40	Jan. Ap	20	406.08	520
6	6	6	6	6	6	6	6	6	7	8	8	8	8	Jan.	4	133.33	...
24	24	30	30	30	30	20	20	20	20	20	20	5	12	.....	..	179.84	140

† Capital decreased \$50,000 in 1914. a Also stock dividend. \$500,000. b Reorganized in 1908. c Also 25 per cent stock
 Dutchess, New York. g 12 per cent on \$500,000 capital and 6 per cent. on \$1,000,000 capital. j Formerly mutual; reor-
 * Organized as mutual company. v Year of organization. w Changed to stock company. s On old capital, \$500,000. y Bid.

RECAPITULATION OF STATISTICS OF AMERICAN AND FOREIGN STOCK FIRE AND MARINE INSURANCE COMPANIES.

NAME OF STATE.	Year Ending Dec. 31.	No. of Companies.	Capital.	Total Assets, Exclusive of Premium Notes.	Net Surplus.	Net Premiums.	Total Income.	Paid for Losses.	Paid for Dividends.	Paid for Expenses.	Total Disbursements.
			\$	\$	\$	\$	\$	\$	\$	\$	\$
Alabama.....	1914	2	300,000	631,004	281,537	35,528	67,754	9,948	33,000	27,302	70,249
	1913	2	300,000	658,511	286,781	46,177	81,203	10,404	33,000	27,087	70,491
Arizona.....	1914	1	200,000	472,974	95,957	231,824	254,654	81,220	.....	105,345	185,565
	1913	1	200,000	400,544	128,218	103,150	139,737	51,990	.....	47,022	99,612
Arkansas.....	1914	1	100,000	402,284	137,134	167,477	212,049	73,784	20,580	42,169	136,533
	1913	1	100,000	353,315	115,999	160,937	190,237	108,640	36,766	44,192	189,599
California.....	1914	4	2,650,000	12,593,307	2,862,576	7,208,306	7,733,915	4,076,246	240,000	2,748,421	7,064,667
	1913	4	2,650,000	12,304,347	4,375,002	8,044,689	8,560,063	4,334,241	295,000	3,155,538	7,784,779
Colorado.....	1914	1	200,000	451,980	128,500	127,830	159,932	54,126	15,999	56,851	126,976
	1913	1	200,000	425,519	114,507	122,835	147,459	53,286	16,000	57,542	126,828
Connecticut.....	1914	10	16,550,000	100,907,863	27,853,933	50,555,490	54,588,322	28,549,116	3,083,001	19,477,487	51,109,604
	1913	10	16,300,000	98,002,711	28,870,769	49,626,231	53,796,973	25,876,307	3,565,598	19,307,723	48,749,628
Delaware.....	1914	..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1913	1	62,075	103,297	12,169	24,025	33,694	30,300	3,688	3,992	37,380
District of Columbia.....	1914	7	1,799,536	3,628,842	1,204,167	584,772	1,027,208	285,772	63,000	392,895	741,607
	1913	8	2,217,596	4,363,849	1,479,990	672,278	1,291,890	475,593	63,000	656,480	1,194,983
Florida.....	1914	..	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1913	1	219,324	333,158	30,339	129,626	168,362	34,969	.....	105,432	140,401
Georgia.....	1914	4	700,000	1,608,090	397,451	468,206	586,944	313,458	7,000	192,951	513,409
	1913	6	1,000,000	2,254,758	462,479	722,514	864,233	465,475	23,090	379,277	867,842
Hawaii.....	1914	1	50,000	82,658	20,055	11,491	25,731	1,398	.....	13,442	14,840
	1913	1	50,000	71,768	10,096	10,000	30,698	1,227	.....	18,232	19,519
Illinois.....	1914	6	1,100,000	2,490,165	290,782	1,220,782	1,317,983	881,322	76,658	508,283	1,466,273
	1913	6	1,000,000	3,109,537	795,378	1,375,453	1,517,357	973,597	88,157	622,455	1,674,179
Indiana.....	1914	4	1,300,000	2,248,330	457,055	450,372	569,518	234,621	14,000	287,278	535,892
	1913	4	1,222,409	2,135,022	502,911	462,831	705,894	200,417	15,000	267,739	483,156

Iowa.....	1914 1913	4 5	700,000 470,000	3,485,008 3,069,888	500,513 686,838	1,578,049 1,040,244	1,774,095 1,855,511	917,058 944,840	84,000 96,000	712,363 790,819	1,714,321 1,831,899
Kentucky.....	1914 1913	4 4	470,000 635,000	1,785,305 1,827,699	373,494 573,991	491,919 465,664	940,098 596,348	384,609 166,839	72,183 38,000	300,183 201,205	757,544 406,044
Louisiana.....	1914 1913	3 4	522,240 715,359	2,087,765 2,615,801	824,945 1,161,941	604,789 847,444	786,974 923,813	476,368 407,557	37,985 34,558	289,807 326,264	804,040 768,379
Maine.....	1914 1913	2 2	400,000 400,000	951,623 901,003	324,880 300,489	325,500 278,014	361,328 314,645	178,109 172,032	47,640 36,100	73,080 58,196	298,829 266,368
Maryland.....	1914 1913	4 5	1,400,000 2,400,000	3,369,052 5,129,259	1,242,104 1,422,873	664,247 1,169,736	831,017 1,731,827	399,261 601,119	121,000 108,500	391,843 564,254	821,104 1,273,873
Massachusetts.....	1914 1913	4 4	4,400,000 4,400,000	20,137,447 20,015,316	4,093,293 5,541,340	10,665,105 10,218,720	11,580,721 11,125,798	6,358,787 5,502,796	529,000 479,000	4,095,671 3,953,408	10,983,398 9,935,204
Michigan.....	1914 1913	6 5	2,821,670 2,573,350	7,007,355 6,553,609	1,976,470 2,024,235	2,303,866 2,139,302	2,717,470 2,451,551	1,393,001 1,084,971	100,000 113,904	1,115,988 996,355	2,538,989 2,195,230
Minnesota.....	1914 1913	6 6	2,306,400 1,803,070	13,594,922 12,533,207	3,989,758 3,881,573	8,315,202 7,636,854	9,014,166 8,447,454	4,783,806 3,949,825	175,771 150,015	2,634,081 3,032,036	7,593,658 7,131,876
Mississippi.....	1914 1913	1 1	100,000 100,000	157,385 164,899	46,175 53,875	9,972 13,709	20,322 24,796	8,997 6,527	8,000 8,000	9,582 10,477	26,579 25,004
Missouri.....	1914 1913	4 5	1,595,000 2,775,000	5,800,385 7,414,888	1,689,141 309,327	3,822,506 4,626,305	4,168,889 4,987,270	2,393,456 2,636,082	173,085 148,985	1,607,094 1,869,768	4,174,535 4,554,835
Montana.....	1914 1913	2 2	499,390 474,785	818,241 770,731	238,067 223,458	70,513 62,903	131,901 143,491	23,274 6,699	.....	76,789 63,074	100,063 79,773
Nebraska.....	1914 1913	..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nevada.....	1914	1	112,441	141,045	21,696	9,924	9,924	1,802	.....	.....	1,802
New Hampshire.....	1914 1913	9 9	2,165,000 2,165,000	9,111,556 9,012,270	2,513,901 2,571,155	3,726,352 3,041,574	4,115,232 3,746,757	2,229,896 1,763,785	203,590 204,990	1,458,454 1,300,362	3,891,940 3,268,437
New Jersey.....	1914 1913	14 14	6,850,000 6,650,000	32,835,314 31,636,708	10,130,991 10,277,815	13,726,756 13,091,132	15,170,630 14,699,252	7,772,648 6,943,221	804,467 838,694	5,580,951 5,497,208	14,248,066 13,279,123
New Mexico.....	1914 1913	1 1	200,000 200,000	380,356 398,614	6,899 50,195	180,767 173,026	204,972 204,550	124,455 59,322	1	84,730 90,633	209,185 149,955

RECAPITULATION OF STATISTICS OF AMERICAN AND FOREIGN STOCK FIRE AND MARINE INSURANCE COMPANIES—Cont.

NAME OF STATE.	Year Ending Dec. 31.	No. of Companies.	Capital.	Total Assets, Exclusive of Premium Notes.	Net Surplus.	Net Premiums.	Total Income.	Paid for Losses.	Paid for Dividends.	Paid for Expenses.	Total Disbursements.
New York	1914 1913	42 42	\$ 27,433,204 27,339,004	\$ 102,883,779 169,047,536	\$ 72,053,050 70,030,451	\$ 80,578,432 81,739,314	\$ 86,910,679 89,813,528	\$ 46,660,836 45,353,753	\$ 5,830,208 8,455,404	\$ 30,516,871 31,215,464	\$ 83,047,915 85,024,621
North Carolina	1914 1913	9 9	1,772,900 1,372,900	3,523,008 3,409,884	999,677 887,353	1,084,252 778,094	1,263,809 1,256,319	646,105 645,128	61,880 90,375	464,578 479,239	1,172,563 1,214,742
North Dakota	1914 1913	1 2	100,000 153,060	155,910 204,196	1,998 25,485	138,670 81,186	143,335 83,048	70,655 16,918	.....	64,904 26,987	135,559 43,995
Ohio	1914 1913	9 7	1,850,000 1,100,000	4,477,469 3,227,181	1,880,404 1,439,576	666,141 768,134	983,451 914,892	259,393 345,181	90,000 80,000	472,670 339,623	822,063 764,804
Oklahoma	1914 1913	2 1	212,800 50,300	401,454 73,387	80,060 16,623	121,749 12,145	150,478 17,341	81,889 477	.....	81,232 16,033	163,121 16,510
Oregon	1914 1913	1 1	331,200 322,626	616,882 559,724	181,378 155,984	97,493 101,791	179,771 201,726	48,436 48,410	.....	60,502 52,213	108,938 100,623
Pennsylvania	1914 1913	27 27	15,400,000 15,462,500	73,375,095 73,666,489	15,977,517 16,546,064	33,051,333 33,888,191	36,294,928 36,993,352	20,597,799 19,097,669	2,077,005 1,981,727	13,423,530 13,904,134	36,020,264 34,983,490
Rhode Island	1914 1913	3 3	1,800,000 1,800,000	7,597,851 7,187,799	1,399,138 1,045,975	4,688,955 4,537,938	5,006,128 4,844,972	2,819,568 2,606,662	164,000 164,000	1,658,139 1,611,707	4,641,647 4,368,399
South Carolina	1914 1913	4 4	367,300 367,300	718,397 707,914	167,249 150,967	169,547 201,432	208,469 235,590	108,642 123,599	14,000 14,000	75,326 83,870	197,968 221,379
South Dakota	1914 1913	2 2	400,000 400,000	549,144 553,481	42,594 57,176	278,114 243,388	308,777 292,813	219,159 110,071	13,753 8,000	147,899 118,885	380,811 296,956
Tennessee	1914 1913	1 1	100,000 100,000	139,776 127,839	6,997 10,291	21,752 9,195	33,086 17,634	13,720 4,818	3,000 3,000	16,207 12,927	32,927 20,745
Texas	1914 1913	3 6	700,000 1,244,778	1,621,108 2,595,550	373,971 491,213	603,744 968,827	712,238 1,142,573	290,310 457,739	60,000 58,000	241,538 431,102	591,848 946,841
Utah	1914 1913	2 1	396,300 300,000	1,250,190 1,049,476	730,472 645,930	119,749 106,676	185,461 192,015	45,300 42,393	42,000 42,000	51,929 50,619	145,229 135,002
Virginia	1914 1913	5 5	517,600 511,525	5,457,713 5,273,712	1,529,320 1,678,507	928,748 918,423	1,197,883 1,156,405	558,304 477,568	81,165 64,500	477,624 463,850	1,177,393 1,065,256

Washington	1914 1913	66,800 66,800	77,477 72,181	6,912 908	6,090 7,425	14,268 11,275	4,436 6,135	..... .....	4,521 4,127	8,957 10,222
West Virginia	1914 1913	200,000 300,000	620,024 1,159,638	131,153 520,988	246,279 333,423	296,660 379,098	207,390 168,754	16,000 18,000	124,971 150,641	348,361 337,395
Wisconsin	1914 1913	2,600,000 2,600,000	13,518,165 13,458,436	2,716,119 2,842,078	5,815,195 5,838,076	6,384,746 6,385,263	3,315,851 2,950,241	330,000 330,000	2,649,012 2,615,581	6,204,863 5,895,822
Totals, American stock companies.....	1914 1913	105,669,891 105,195,851	534,003,532 520,786,060	160,690,633 169,453,611	236,157,789 237,563,733	258,598,946 262,784,968	137,807,011 129,405,622	14,784,339 17,713,811	92,770,633 95,065,528	245,361,983 242,184,961
Foreign companies.....	1914 1913	..... .....	178,770,826 162,473,951	64,507,418 60,780,409	120,951,991 106,509,444	127,995,635 112,272,497	69,220,763 59,529,219	..... .....	41,736,958 37,935,731	110,937,721 97,464,950
Totals, stock companies.....	1914 1913	301 307	712,774,358 682,260,011	225,198,051 224,234,020	357,109,780 344,073,177	385,894,581 375,057,465	207,027,774 188,934,841	14,784,339 17,713,811	134,507,591 133,001,859	356,319,704 339,649,911
	1912	315	675,731,455	228,132,805	330,139,113	364,096,262	176,605,458	13,797,738	127,286,071	317,689,267
	1911	325	97,703,288	640,709,228	217,307,406	317,972,925	347,116,421	13,637,272	120,679,562	306,902,577
	1910	330	94,918,835	613,672,281	200,704,070	308,975,880	337,656,952	14,174,574	116,251,823	286,826,086

* Including California premiums and losses of marine companies operating only on the Pacific Coast.

RECAPITULATION OF STATISTICS OF MUTUAL FIRE INSURANCE COMPANIES OF THE UNITED STATES.

NAME OF STATE.	Year Ending Dec. 31.	No. of Companies.	Cash Admitted Assets.	Net Cash Surplus.	Net Premiums.	Total Income.	Paid for Losses.	Returned to Policy-holders.	Paid for Expenses.	Total Disbursements.
Arkansas.....	1914 1913	.. 1	\$ 62,032	\$	\$ 148,513	\$ 149,113	\$ 85,302	\$	\$ 74,596	\$
Connecticut.....	1914 1913	8 8	3,027,171 2,970,773	2,297,838 2,259,560	317,635 302,291	459,707 439,613	189,626 162,789	3,490 3,357	149,744 144,101	342,860 310,247
Delaware.....	1914 1913	4 4	866,795 842,093	833,105 818,978	150,414 145,144	189,639 188,370	77,595 45,687	61,595 59,410	40,204 43,875	179,304 148,972

RECAPITULATION OF STATISTICS OF MUTUAL FIRE INSURANCE COMPANIES IN THE UNITED STATES—Continued.

NAME OF STATE.	Year Ending Dec. 31.	No. of Companies.	Cash Admitted Assets.	Net Cash Surplus.	Net Premiums.	Total Income.	Paid for Losses.	Returned to Policyholders.	Paid for Expenses.	Total Disbursements.
			\$	\$	\$	\$	\$	\$	\$	\$
District of Columbia.....	1914 1913	2 2	352,333 356,026	338,013 344,850	30,140 30,287	48,235 48,121	11,025 6,869	10,053 22,441	20,876 16,530	51,854 45,766
Georgia.....	1914 1913	1 1	1,151,318 1,174,096	795,977 821,968	387,588 383,147	455,984 434,116	122,599 83,952	235,544 229,579	102,545 88,593	460,688 402,054
Illinois.....	1914 1913	13 11	3,674,270 3,374,479	1,739,574 1,549,440	1,842,344 1,773,087	2,011,084 1,993,980	909,732 957,386	335,873 331,642	525,651 498,658	1,771,256 1,787,666
Indiana.....	1914 1913	4 4	1,026,121 831,493	641,203 508,015	724,424 628,508	773,889 662,886	265,714 291,023	151,421 124,963	148,793 136,934	585,858 552,900
Iowa.....	1914 1913	10 9	1,757,892 1,193,428	675,467 628,571	1,139,720 1,283,072	1,183,373 1,377,171	793,647 847,164	21,098 77,981	396,601 352,837	1,211,346 1,277,082
Kansas.....	1914 1913	8 7	741,082 616,927	574,714 453,467	494,401 434,479	513,749 458,592	141,351 104,458	54,716 37,234	309,152 60,345	505,219 202,037
Kentucky.....	1914 1913	8 8	484,404 476,999	449,221 441,633	90,856 116,504	116,970 143,004	52,906 89,627	300 399	47,248 47,177	100,454 137,133
Maine.....	1914 1913	1 1	161,574 160,428	149,076 151,576	6,707 6,253	14,785 16,568	12,071 2,550	.....	3,415 5,301	15,486 7,851
Maryland.....	1914 1913	11 13	2,576,710 2,619,886	1,865,296 1,862,404	356,333 519,061	593,009 657,221	168,168 134,997	182,876 265,970	167,264 134,038	518,668 534,975
Massachusetts.....	1914 1913	38 38	15,675,310 16,789,488	6,836,301 8,393,584	7,590,225 8,292,798	8,632,593 9,112,295	3,905,866 1,769,794	4,733,908 5,579,395	1,341,990 1,473,494	9,081,758 8,842,683
Michigan.....	1914 1913	9 9	1,724,096 1,700,686	793,731 919,675	1,099,504 1,234,330	1,182,983 1,393,643	775,759 645,900	38,456 36,243	366,002 403,854	1,180,217 1,087,597
Minnesota.....	1914 1913	10 10	1,155,144 1,062,282	834,290 806,051	832,385 697,427	885,396 799,939	408,007 303,258	198,080 171,090	169,818 150,058	775,905 664,406
Missouri.....	1914 1913	5 6	793,942 762,093	667,833 657,077	152,516 211,425	201,852 259,978	67,977 111,172	12,862 10,247	61,350 93,019	122,189 214,438
Nebraska.....	1914 1913	6 4	294,716 130,538	137,567 116,911	276,312 224,368	439,827 240,707	206,853 111,776	35,011 51,753	109,824 79,296	351,738 242,295

New Hampshire.....	1914	3	466,600	378,660	71,777	85,489	32,410	11,726	19,620	63,756
	1913	3	444,387	359,691	64,757	83,141	15,655	8,697	23,245	47,797
New Jersey.....	1914	9	615,928	509,656	161,871	199,852	113,650	3,905	27,011	144,166
	1913	9	563,393	459,227	161,497	167,752	137,888	4,547	26,581	169,016
New York.....	1914	27	17,750,581	8,026,594	5,029,715	5,824,885	2,107,555	1,737,860	1,064,658	4,910,073
	1913	27	16,704,323	8,169,921	3,662,539	4,435,804	1,757,007	1,525,314	1,178,431	4,566,752
North Dakota.....	1914	2	84,776	26,017	99,626	104,218	52,177	28,044	23,568	102,789
	1913	2	84,146	34,079	95,896	101,322	44,714	28,812	26,179	99,795
Ohio.....	1914	20	8,194,084	4,379,699	3,495,993	3,933,719	1,897,896	327,601	1,241,076	3,466,573
	1913	20	7,599,290	4,044,621	3,284,421	3,785,980	2,006,586	296,593	1,215,219	3,518,302
Oregon.....	1914	1	271,376	159,209	160,751	174,183	103,500	.....	54,062	158,462
	1913	1	258,281	163,773	151,000	164,446	100,731	.....	49,533	150,264
Pennsylvania.....	1914	44	21,429,716	16,346,678	4,509,319	5,597,890	2,010,689	1,493,271	1,032,651	4,536,611
	1913	43	20,590,419	15,790,436	4,779,840	5,677,918	1,885,935	1,640,991	1,110,667	4,637,593
Rhode Island.....	1914	18	13,418,040	5,837,192	8,059,762	8,786,902	1,889,214	6,105,575	772,655	8,767,444
	1913	19	13,571,121	7,570,557	6,230,487	6,916,395	738,561	4,794,028	783,905	6,316,494
South Carolina.....	1914	1	47,008	21,102	6,239	8,351	1,404	1,894	2,688	5,986
	1913	1	45,292	18,819	22,666	24,350	1,893	2,045	2,458	6,396
South Dakota.....	1914	3	56,785	33,850	68,985	73,045	44,953	7,061	22,571	74,585
	1913	3	58,094	47,631	60,181	62,000	41,512	12,156	18,265	71,933
Tennessee.....	1914	1	41,201	34,564	13,626	15,688	5,305	235	5,598	11,138
	1913	1	36,438	30,389	11,035	12,900	4,669	633	5,015	10,257
Texas.....	1914	2	305,339	208,829	190,818	208,080	61,614	72,801	29,211	163,626
	1913	6	293,826	199,873	234,304	267,255	118,306	62,919	47,670	228,895
Vermont.....	1914	5	712,710	236,426	800,619	824,046	646,375	700	180,893	827,668
	1913	5	645,232	221,623	691,374	732,708	610,814	700	163,828	775,372
Virginia.....	1914	2	2,602,554	2,568,110	125,709	281,850	91,573	.....	79,312	170,885
	1913	2	2,519,349	2,471,093	126,376	302,598	84,414	.....	121,364	205,778
Washington.....	1914	2	473,255	131,630	691,799	735,379	264,776	237,188	205,808	707,772
	1913	2	453,526	159,051	588,829	626,156	245,008	208,455	142,959	596,422
Wisconsin.....	1914	17	1,090,556	797,667	398,683	442,623	178,712	69,779	99,289	347,780
	1913	18	981,971	791,483	368,299	410,920	193,755	57,780	101,493	353,028

*Business of 18 companies.

RECAPITULATION OF STATISTICS OF MUTUAL FIRE INSURANCE COMPANIES IN THE UNITED STATES—Continued.

NAME OF STATE.	Year Ending Dec. 31.	No. of Companies.	Cash Admitted Assets.	Net Cash Surplus.	Net Premiums.	Total Income.	Paid for Losses.	Returned to Policyholders.	Paid for Expenses.	Total Disbursements.
Totals, mutual companies.....	1914	295	102,972,327	59,325,089	39,439,897	44,978,675	17,611,809	16,172,567	8,890,978	42,615,354
	1913	298	100,052,623	61,270,016	36,993,817	41,917,902	13,760,092	15,746,573	8,819,422	38,326,087
	1912	280	99,253,790	58,836,385	37,330,483	42,239,822	11,476,088	17,841,956	8,231,010	37,549,054
	1911	268	95,334,796	59,648,429	36,618,986	41,650,839	10,938,937	18,771,959	7,797,334	37,418,230
	1910	267	91,764,870	58,259,428	39,690,284	43,888,862	10,390,974	20,799,261	7,548,779	38,648,114

TOTAL FIRE AND MARINE INSURANCE TRANSACTIONS IN THE UNITED STATES.

RECAPITULATION SHOWING AGGREGATES OF CAPITAL, ASSETS, SURPLUS, INCOME AND DISBURSEMENTS OF ALL JOINT STOCK AND MUTUAL FIRE AND MARINE INSURANCE COMPANIES GIVEN IN THE PRECEDING TABLES.

In a few of the States enumerated in the following recapitulation a falling off in capital and assets is shown. This arises occasionally from the fact that some of the companies will not report their transactions or financial standing. Most of those that neglect to do so are mutuals, although some stock companies are delinquent in this respect. The apparent loss of capital and assets in these States may not be a loss in fact.

NAME OF STATE.	Stock Companies.	Mutual Companies.	Year Ending Dec. 31.	Capital.	Total Assets, Exclusive of Premium Notes.	Net Surplus.	Net Premiums.	Total Income.	Paid for Losses.	Paid for Dividends.*	Paid for Expenses.	Total Disbursements.
ALABAMA.....	2	..	1914	300,000	621,004	281,537	35,528	67,754	9,948	33,000	27,322	70,249
	2	..	1913	300,000	658,511	286,781	46,177	81,993	10,464	33,000	27,027	70,491
ARIZONA.....	1	..	1914	200,000	472,974	95,957	231,834	254,654	81,220	.....	105,345	185,555
	1	..	1913	200,000	400,524	128,218	109,150	139,737	51,990	.....	47,022	99,012
ARKANSAS.....	1	..	1914	100,000	462,284	137,134	167,477	212,049	73,784	20,580	42,169	136,533
	1	..	1913	100,000	415,347	115,999	399,450	339,350	194,002	36,766	118,788	349,556
CALIFORNIA.....	4	..	1914	2,650,000	12,593,397	2,862,576	7,208,306	7,733,915	4,076,246	240,000	2,748,421	7,054,667
	4	..	1913	2,650,000	12,394,347	2,375,002	8,044,689	8,560,063	4,334,241	295,000	3,155,538	7,784,779
COLORADO.....	1	..	1914	200,000	451,980	128,500	127,830	152,932	54,126	15,999	56,851	126,976
	1	..	1913	200,000	425,519	114,597	122,835	147,459	53,286	16,000	57,542	126,868
CONNECTICUT.....	10	8	1914	16,550,000	103,935,064	30,151,771	50,874,125	55,048,039	28,738,742	3,086,491	19,627,231	51,452,464
	10	8	1913	16,300,000	100,973,484	31,190,399	49,928,522	54,236,286	26,039,096	3,568,955	19,451,224	49,059,875

DELAWARE.....	1	1914	866,795	833,105	150,414	189,639	77,508	61,595	40,804	179,304
	4	1913	945,390	831,147	156,169	222,004	75,987	62,498	47,867	186,342
DISTRICT OF COLUMBIA.....	7	1914	3,991,536	1,542,180	614,912	1,075,443	297,697	73,053	422,711	793,461
	2	1913	2,217,696	1,822,840	702,565	1,340,011	482,312	83,441	673,010	1,240,763
FLORIDA.....	..	1914	.....	.....	.....	.....	.....	.....	.....	.....
	..	1913	219,324	30,339	129,686	168,362	34,969	.....	105,432	140,491
GEORGIA.....	4	1914	2,759,349	1,103,428	855,794	1,042,928	436,057	222,544	295,496	974,097
	6	1913	3,428,854	1,284,447	1,105,661	1,298,349	549,427	232,669	467,800	1,269,896
HAWAII.....	1	1914	82,658	20,055	11,491	25,731	1,398	.....	13,422	14,840
	..	1913	71,768	10,096	12,990	30,638	1,287	.....	18,239	19,519
ILLINOIS.....	6	1914	6,164,435	2,022,356	3,063,126	3,399,067	1,791,064	422,531	1,033,934	3,237,529
	11	1913	6,454,016	2,344,818	3,148,540	3,441,277	1,920,953	419,799	1,121,093	3,461,845
INDIANA.....	4	1914	3,274,451	1,098,278	1,174,798	1,343,407	500,335	165,421	436,001	1,201,757
	4	1913	2,966,575	1,016,926	1,091,339	1,368,780	491,440	139,963	404,673	1,036,076
IOWA.....	4	1914	5,182,900	1,265,980	2,711,769	2,957,468	1,711,605	105,028	1,108,964	2,925,667
	5	1913	4,862,710	1,257,493	2,923,316	3,222,082	1,792,004	173,981	1,143,656	3,109,641
KANSAS.....	..	1914	741,082	574,714	494,401	513,749	141,351	54,716	309,152	505,219
	7	1913	616,927	453,487	434,479	458,592	104,458	37,224	60,345	202,037
KENTUCKY.....	4	1914	2,269,700	822,715	582,775	1,087,068	437,535	72,012	347,431	857,978
	8	1913	2,304,622	1,015,624	582,168	669,346	256,466	36,329	246,382	543,177
LOUISIANA.....	3	1914	522,240	2,087,765	694,789	786,974	476,308	37,925	289,807	804,040
	4	1913	715,259	2,615,801	847,444	993,813	497,557	34,558	326,264	768,379
MAINE.....	2	1914	400,000	1,113,197	473,896	376,113	190,180	47,640	76,495	314,315
	2	1913	400,000	1,061,431	282,267	332,297	174,522	36,160	63,497	274,239
MARYLAND.....	4	1914	1,400,000	5,945,762	3,127,400	1,424,026	567,729	393,876	462,107	1,340,712
	5	1913	2,400,000	7,749,139	1,688,797	2,369,048	736,686	373,470	698,292	1,147,848
MASSACHUSETTS.....	4	1914	4,400,000	35,812,757	18,255,335	20,213,334	10,264,593	5,262,900	5,437,661	20,944,146
	4	1913	4,400,000	36,804,866	18,511,518	20,238,093	7,292,590	6,058,395	5,426,962	18,777,947
MICHIGAN.....	6	1914	2,221,670	8,731,391	3,493,370	3,900,455	2,098,760	138,456	1,422,990	3,719,206
	5	1913	2,573,350	8,324,369	3,893,622	3,755,194	1,790,471	152,147	1,400,209	3,262,687
MINNESOTA.....	6	1914	2,306,400	14,750,066	9,147,677	9,899,562	5,191,813	373,851	2,803,899	8,369,563
	6	1913	1,803,070	13,597,487	8,334,281	9,156,393	4,253,083	321,105	3,122,004	7,756,264
MISSISSIPPI.....	1	1914	100,000	157,385	9,972	20,322	8,097	8,000	9,522	26,579
	1	1913	100,000	164,899	13,709	24,796	6,527	8,000	10,477	25,004

TOTAL FIRE AND MARINE INSURANCE TRANSACTIONS IN THE UNITED STATES—Continued.

NAME OF STATE.	Stock Com-panies.	Mutual Com-panies.	Year Ending Dec. 31.	Capital.	Total Assets, Exclusive of Premium Notes.	Net Surplus.	Net Premiums	Total Income.	Paid for Losses.	Paid for Dividends.	Paid for Expenses.	Total Dis-bursements.
MISSOURI.....	4	5	1914	1,525,000	6,694,357	2,350,974	3,975,022	4,370,741	2,461,433	186,847	1,668,444	4,316,724
	5		1913	2,175,000	8,196,981	966,404	4,837,790	5,247,248	2,747,254	159,232	1,962,787	4,869,273
MONTANA.....	2	..	1914	499,300	818,241	238,067	70,513	131,901	23,274	.....	76,769	100,063
	2	..	1913	474,785	770,731	223,458	62,993	143,491	6,699	10,000	63,074	79,773
NEBRASKA.....	..	6	1914	.....	294,716	137,567	276,312	439,827	206,853	35,061	109,824	331,778
	1	4	1913	200,000	479,551	143,216	346,900	378,324	200,083	51,753	120,452	372,288
NEVADA.....	1	..	1914	112,441	141,045	21,596	9,924	9,924	1,802	.....	.....	1,802
NEW HAMPSHIRE.....	9	3	1914	2,165,000	9,576,156	2,892,561	3,798,129	4,210,721	2,262,306	215,316	1,478,074	3,955,666
	9	3	1913	2,115,000	9,456,657	2,930,756	3,106,331	3,831,898	1,779,440	213,187	1,383,607	3,316,234
NEW JERSEY.....	14	9	1914	6,850,000	33,451,242	10,640,647	13,888,627	15,369,882	8,886,298	897,972	5,607,962	15,322,232
	14		1913	6,650,000	32,200,011	11,737,042	13,252,429	14,867,004	7,081,109	843,241	5,523,769	13,448,199
NEW MEXICO.....	1	..	1914	200,000	380,356	6,899	180,767	204,972	124,455	.....	84,730	209,185
	1	..	1913	200,000	398,614	59,195	173,026	204,550	59,322	.....	90,633	149,935
NEW YORK.....	42	27	1914	27,433,204	210,694,360	30,089,644	85,671,147	92,795,564	48,768,391	7,558,058	31,621,599	87,957,988
	42	27	1913	27,339,004	205,751,859	76,200,372	85,401,853	94,249,332	47,110,700	10,080,718	32,393,895	89,585,373
NORTH CAROLINA.....	9	..	1914	1,722,900	3,523,008	999,677	1,084,252	1,263,869	646,105	61,880	464,578	1,172,563
	9	..	1913	1,372,900	3,409,884	887,353	778,094	1,256,319	645,128	90,375	479,239	1,214,742
NORTH DAKOTA.....	1	2	1914	100,000	240,686	28,015	238,206	247,553	122,922	28,044	88,472	239,348
	2	2	1913	153,060	288,342	59,564	177,022	184,970	61,632	28,812	53,166	143,610
OHIO.....	9	20	1914	1,850,000	12,671,547	6,260,103	4,162,134	4,917,170	2,157,289	417,601	1,731,746	4,288,636
	7	20	1913	1,100,000	10,826,431	5,484,196	4,052,555	4,700,872	2,351,767	376,563	1,554,836	4,283,166
OREGON.....	1	1	1914	331,200	888,258	340,587	258,244	353,954	151,936	.....	115,464	267,400
	1	1	1913	322,626	809,005	319,757	252,791	366,172	149,141	.....	101,746	250,897
PENNSYLVANIA.....	27	44	1914	15,400,000	94,804,811	32,322,195	37,560,652	41,742,812	22,520,418	3,570,276	14,456,181	40,556,875
	27	43	1913	15,466,500	94,256,908	32,336,500	38,668,031	42,671,270	20,983,564	3,622,718	15,014,801	39,621,063
RHODE ISLAND.....	3	18	1914	18,000,000	20,245,891	7,236,330	12,748,717	13,812,090	4,708,722	6,269,575	2,430,294	13,402,921
	3	19	1913	1,800,000	20,758,830	9,216,502	10,768,125	11,759,367	3,345,163	4,958,028	2,995,612	10,668,863

SOUTH CAROLINA.....	1	1914	367,900	705,335	188,351	175,786	216,800	210,045	15,894	78,014	303,954
SOUTH DAKOTA.....	4	1	367,900	753,806	169,786	224,038	259,940	125,402	16,045	86,388	307,775
	2	3	400,000	605,989	76,444	347,059	381,838	264,119	30,814	170,470	455,386
	2	3	100,000	611,575	104,867	393,569	354,813	151,583	30,156	157,150	501,869
TENNESSEE.....	1	1	100,000	180,977	40,861	35,378	48,774	19,035	3,235	21,805	44,065
	1	1	100,000	164,877	46,680	20,230	30,534	9,427	3,633	17,943	31,022
TEXAS.....	3	2	700,000	1,996,447	582,800	794,562	980,318	351,024	134,801	270,749	755,474
	6	6	1,944,778	2,799,376	691,086	1,203,131	1,499,828	576,045	180,919	478,772	1,175,736
UTAH.....	2	..	396,390	1,250,130	730,472	119,740	185,461	45,300	42,000	57,980	145,220
	1	..	300,000	1,049,476	645,930	106,676	192,015	42,383	42,000	50,619	135,002
VERMONT.....	..	5	.....	712,710	236,282	800,619	824,046	646,375	700	180,893	827,068
	5	5	.....	645,232	221,623	691,374	732,708	610,844	700	163,828	775,379
VIRGINIA.....	5	2	517,690	8,059,097	4,097,430	1,054,457	1,479,733	649,877	81,165	557,636	1,281,828
	2	2	511,585	7,793,091	4,149,600	1,044,861	1,459,000	561,920	64,500	585,214	1,211,634
WASHINGTON.....	1	2	66,800	550,732	138,542	697,889	749,647	279,044	237,188	210,399	716,729
	1	2	66,800	535,707	159,959	596,254	657,431	251,143	208,455	147,086	606,684
WEST VIRGINIA.....	1	..	200,000	620,024	121,153	246,279	296,660	207,390	16,000	124,971	348,361
	2	..	300,000	1,159,638	520,948	333,493	379,098	168,754	18,000	150,641	337,395
WISCONSIN.....	3	17	2,600,000	14,557,721	3,513,786	6,213,878	6,827,369	3,494,563	399,779	2,748,301	6,642,643
	3	18	2,600,000	14,440,407	3,633,561	6,206,375	6,796,263	3,143,996	367,780	2,717,074	6,248,850
FOREIGN COMPANIES.....	80	..	.....	178,770,826	64,597,418	120,951,991	127,295,635	69,220,763	.....	41,736,958	110,957,721
	76	..	.....	162,473,951	62,780,499	106,509,444	112,274,497	59,529,219	.....	37,935,731	97,464,950
LLOYDS.....	395	..	.....	154,504,486	57,216,470	103,320,333	102,090,669	54,080,821	.....	35,686,187	89,707,008
	390	..	.....	144,937,517	56,900,122	92,091,264	96,792,753	47,509,231	.....	32,040,669	79,609,860
Grand total (596 Cos. & Lloyds)	301	205	105,669,801	815,746,685	284,593,140	396,549,677	430,873,256	224,632,583	30,956,906	143,338,569	308,935,058
	307	208	105,195,851	792,312,634	285,504,036	381,096,994	416,975,267	202,694,932	33,460,384	141,800,681	307,975,998
Grand total (645 Cos. & Lloyds)	315	210	96,944,373	774,985,245	286,968,590	397,469,590	406,339,104	188,081,546	31,699,694	135,517,081	355,236,321
	325	211	97,793,288	745,044,024	276,955,835	354,905,773	388,462,193	183,470,741	31,469,231	128,334,140	344,218,112
Grand total (621 Cos. & Lloyds)	330	207	94,918,835	705,437,151	258,956,498	348,606,104	381,545,814	166,786,763	34,883,835	123,800,608	395,474,200
	37	..	.....	12,440,906	7,921,237	9,425,496	9,859,954	3,575,440	2,830,050	1,300,030	7,705,520
Grand total (633 Cos. & Lloyds)	440	214	105,669,801	828,187,591	292,454,377	406,975,173	440,733,210	228,215,083	33,786,956	144,638,599	406,640,578
	440	215	105,195,851	801,918,793	291,192,543	385,397,544	421,598,694	202,694,932	33,460,384	141,800,681	382,097,787
Grand total (621 Cos. & Lloyds)	440	216	96,944,373	784,478,866	292,863,283	371,686,991	410,760,353	190,073,164	32,526,977	136,738,838	359,328,979
	440	217	97,793,288	754,944,024	283,201,559	358,623,994	392,666,086	184,917,550	33,201,464	129,474,316	347,683,330
Grand total (628 Cos. & Lloyds)	440	218	94,918,835	713,138,685	263,867,187	352,436,931	385,657,028	168,433,765	35,995,669	124,878,574	399,218,008
	440	219	.....	.....	.....	.....	.....	.....	.....	.....	.....

Business of 24 associations.

Transactions of 24 Lloyds only.

Business of 30 associations.

Business of 30 associations.

BRITISH FIRE AND MARINE INSURANCE COMPANIES' STATEMENTS FOR 1914.

Below will be found extracts from the statements as of December 31, 1914 (except a few with fiscal years ending at other dates in 1914), of British companies transacting fire and marine insurance, showing their financial condition (including all departments of companies transacting additional branches of business), with the items of income, disbursements and reserves relating particularly to the fire and marine insurance branches of their business. The home office statements of some of the British companies were not received in time to permit their incorporation in this table. See also "Reports of Fire Insurance Companies."

NAME OF COMPANY.	CAPITAL.		Total Assets.	Fire Insurance Reserves.	Unpaid Fire Losses.	Profit and Loss Account Balance.	Net Fire Premiums.	Net Fire Losses.	Expenses, Fire Account.	Excess of Premiums Over Losses and Expenses (-Deficit).
	Subscribed.	Paid-up.								
	£	£	£	£	£	£	£	£	£	£
Aberdeenshire Farmers.....	10,000	2,000	.....	3,135	.....	.....	463	120	211	123
Abstainers and General.....	97,500	22,500	910,917	10,271	.....	.....	3,212	440	1,355	1,408
Agricultural and General Cooperative.....	.....	6,913	.....	2,188	.....	.....	5,469	1,870	1,686	1,004
Alliance.....	5,450,000	1,000,000	24,835,288	{ 2,121,357 14,066,584 }	{ 101,800 155,031 }	1,025,816	{ 1,306,874 120,005 }	{ 572,666 1138,435 }	{ 526,552 152,173 }	{ 261,656 199,467 }
Atlas.....	2,200,000	264,000	4,474,372	1,219,004	117,471	45,547	1,039,954	576,866	409,471	53,617
Baptist.....	17,670	3,166	.....	407	.....	.....	1,221	115	541	565
Bolton Cotton Trade.....	601,750	13,855	.....	228,073	.....	.....	18,161	2,180	2,005	13,886
British and Foreign Marine.....	1,340,000	268,000	2,444,475	17,151,850	.....	249,391	1405,343	6135,046	152,079	1128,218
British Crown.....	250,000	100,000	105,148	5,148	.....	.....	129,343	35,328	56,097	-12,082
British Dominions General.....	350,000	250,000	872,112	.....	.....	449,545	610,142	.....	.....	.....
British General.....	200,000	50,000	.....	42,753	.....	.....	20,831	11,110	5,500	4,131
British Law.....	1,050,000	150,000	484,868	202,424	7,617	57,474	110,536	38,014	52,584	10,028
Caledonian.....	337,500	107,500	4,274,672	352,890	55,769	103,626	440,704	280,437	168,166	-7,019
Car and General.....	135,000	48,000	204,833	61,131	675,000	13,748	638,1210	6209,863	6126,273	645,074
Century.....	315,000	35,000	1,273,747	102,007	5,052	24,804	92,518	61,171	33,987	-2,460
City Equitable.....	50,000	10,000	126,514	62,770	27,454	18,726	154,087	186,043	149,495	124,549
Commercial Union.....	2,050,000	295,000	126,774,595	{ 3,578,275 11,001,004 }	{ 388,419 16,221 }	203,941	{ 3,537,279 1474,007 }	{ 1,001,259 1215,595 }	{ 1,233,003 175,038 }	{ 342,037 183,374 }
Congregational.....	20,000	2,000	.....	15,774	.....	.....	3,909	140	1,471	2,379
Consolidated.....	500,000	75,875	306,919	106,339	.....	7,704	729,001	7140,583	775,508	723,508
Cooperative.....	.....	20,000	.....	167,990	.....	.....	58,649	6,293	21,374	30,982
Cornhill.....	100,000	5,000	63,304	215,000	1,109	.....	47,019	29,488	936	17,493
Cotton Trade Federation.....	217,300	4,346	.....	4,736	.....	.....	3,306	2,677	581	48
Cumberland Cooperative.....	1,700	170	.....	664	.....	.....	337	48	176	113
Drapers Mutual.....	.....	40,306	.....	8,286	.....	.....	37,583	15,832	17,508	4,243
Eccelesiastical.....	250,000	25,000	.....	153,320	.....	.....	50,860	23,272	10,741	19,847
Essex and Suffolk Equitable.....	500,000	50,000	.....	63,998	.....	.....	108,475	76,725	48,307	9,383
Fine Art and General.....	500,000	202,034	949,452	202,034	.....	68,448	130,084	77,011	43,037	10,036
General Accident, Fire and Life.....	.....	403,000	.....	106,000	.....	19,087	161,525	80,400	59,816	21,219
Gresham Fire and Accident.....	300,000	200,000	285,239	15,641	6,663	.....	539,257	537,197	.....	12,508
Guardian.....	2,000,000	200,000	.....	825,250	.....	180,777	595,315	362,835	215,073	17,407
Hearts of Oak Life and General.....	121,913	23,401	.....	2039	.....	.....	11,073	710	8,231	2,123

Hibernian.	106,000	21,200	41,078	5,227	702	5,270	15,680	4,703	6,764	4,213
Horse, Carriage and General.	50,000	17,661	70,071	1,800,641	1,113,239	3,655	978,735	443,230	431,011	44,504
Indemnity Mutual Marine.	1,005,000	201,000	1,377,137	14,123	.....	103,333	161,734	1,374,911	122,187	12,203,636
Irish Catholic Church Property.	100,000	20,000	.....	.....	.....	.....	5,472	1,232	1,057	3,183
Law Fire.	500,000	500,000	.....	.....	.....	81,707	150,400	905,921	.....	66,539
Law Integrity.	15,500	15,500	.....	.....	.....	.....	60	15	15	30
Law Union and Rock.	1,575,000	100,000	9,739,537	298,400	12,105	263,104	246,001	117,060	94,362	34,379
Legal.	500,000	100,000	236,538	43,111	40,971	643,111	3,008,721	1,888,743	1,141,959	113,820
Liverpool and London and Globe.	3,911,745	1,522,020	14,146,852	2,239,488	311,031	1,026,844	1,337,017	1,246,778	1,311,161	68,019
London and Lancashire Fire.	2,641,250	264,125	4,023,122	1,391,047	1,123,698	1,026,844	1,337,017	1,246,778	1,311,161	159,978
London and Lancashire Life and General.	333,825	66,765	4,792,248	1,862,500	435,530	847,666	1,355,713	918,033	591,756	43,524
London and Provincial.	82,994	37,271	3,722,271	1,194,500	.....	2,091	47,028	17,023	121,414	135,993
London and Provincial Marine and General.	1,000,000	100,000	.....	.....	.....	.....	660,123	624,066	23,800	6,745
London Guarantee and Accident.	180,353	100,886	1,357,135	.....	.....	36,677	303,388	64,628	.....	.....
London Assurance.	896,550	448,275	5,495,401	777,032	.....	49,368	71,085,201	6,122,335	730,586	770,470
Marine.	1,000,000	600,000	.....	770,000	57,422	167,757	689,005	368,109	274,286	46,670
Maritime.	100,000	100,000	688,919	14,957	18,363	.....	1,465,107	1,299,984	159,330	1,293,913
Merchants Marine.	500,000	125,000	644,192	138,503	.....	.....	1,286,461	1,220,341	124,212	135,908
Motor Union.	272,544	194,144	543,846	23,766	164,641	36,112	1,264,483	1,153,111	17,704	193,578
Municipal Mutual.	.....	.....	.....	124,786	6,494	27,990	17,813	12,834	17,941	16,757
National Benefit Life and Property.	104,715	45,046	688,919	14,957	.....	.....	11,071	1,399	1,300	14,786
National of Great Britain.	250,000	50,000	77,493	14,957	722,015	6,538	761,190	735,210	723,422	72,558
North British and Mercantile.	24,500,000	23,437,500	25,617,294	1,859,169	225,745	1,390,793	2,146,280	1,407,541	861,432	122,684
Northern.	3,000,000	300,000	8,909,751	1,859,169	.....	341,039	1,300,712	1,233,146	123,165	153,401
Northern Maritime.	50,000	30,000	.....	.....	.....	27,143	1,318,338	705,939	495,900	50,499
Norwich Union.	1,100,000	135,000	1,284,357	1,284,357	141,841	168,120	1,212,612	717,824	432,725	61,063
Ocean Marine.	1,000,000	100,000	2,802,980	.....	.....	.....	1,108,859	148,959	15,121	154,779
Oldham Fire.	9,935	3,500	889,278	150,000	.....	24,318	1,399,712	1,202,671	119,994	187,047
Palatine.	200,000	200,000	922,495	121	66,185	.....	302	298	59	55
Phoenix.	24,488,600	21,700,805	16,457,945	1,850,390	151,416	26,456	521,156	336,657	182,249	2,250
Presbyterian Church in Ireland.	20,000	2,000	160,379	160,379	166,894	250,404	1,428,371	800,586	538,172	60,613
Primitive Methodist.	20,000	50	.....	.....	.....	.....	1,712,774	1,464,743	178,191	116,840
Printing Trades and General.	50,000	10,040	.....	45,700	.....	.....	604	0	106	579
Profits and Income.	120,000	40,000	304,355	293,383	231,674	5,181	18,562	11,505	582	2,778
Provincial.	180,000	90,000	150,765	11,867	6,000	2,748	214,114	291,059	242,990	26,490
Regal Fire and Accident.	23,885	14,856	.....	261	.....	4,253	90,668	16,473	12,120	1,075
Reliance Marine.	500,000	100,000	431,660	261	.....	.....	2,668	1,345	931	332
Royal.	53,788,480	21,285,502	22,685,829	1,030,129	180,395	56,315	1,137,480	1,000,414	1,518,570	32,075
				1,030,129	180,395	1,117,063	4,124,063	2,352,711	1,518,570	252,782
				1,030,129	180,395	1,117,063	168,364	141,665	185,153	118,546

* Includes interest. † Marine. ‡ All branches. § Suspense account. ¶ Subject to liability for unexpired risks. † Reserve fund. ‡ Including losses of previous years. † Including general reserve. ‡ Including debenture or preference stock. † Including other departments. ‡ Also other assets in connection with trust business. † Includes £6,433 preliminary expenses; £266,262 establishment of business account, and £236,798 profit and loss account balance. † Fire and general. ‡ For 18 months. † Fourteen months to January 28, 1916. ‡ Expenses included with losses. ‡ Includes amount of underwriting account carried forward. General.

BRITISH FIRE AND MARINE INSURANCE COMPANIES' STATEMENTS FOR 1914—Continued.

NAME OF COMPANY.	CAPITAL.		Total Assets.	Fire Insurance Reserves.	Unpaid Fire Losses.	Profit and Loss Account Balance.	Net Fire Premiums.	Net Fire Losses.	Expenses, Fire Account.	Excess of Premiums Over Losses and Expenses (—Deficit).
	Subscribed.	Paid-up.								
	£	£	£	£	£	£	£	£	£	£
Royal Exchange.....	689,220	689,220	7,307,957	392,415	104,185	503,900	856,038	503,048	335,617	17,373
Royal London Auxiliary.....	130,000	90,000	267,274	1309,524	3,526	—7,628	1359,008	1248,457	136,191	174,360
Salvation Army Fire.....	17,037	17,037	508,598	13,892	.....	.....	4,819	28,608	16,260	—3,049
Scottish.....	150,000	30,000	10,282,088	6,819	.....	.....	2,039	1,040	845	154
Scottish Union and National.....	5,103,000	300,000	508,598	7,938	2,111	10,884	14,844	7,074	5,823	1,347
Sea.....	500,000	500,000	382,083	382,083	74,163	86,395	764,167	451,058	281,756	31,353
South-East Lancashire.....	2,250	394	.....	.....	.....	.....	1468,795	123,836	123,836	1102,859
State.....	560,000	70,000	303,557	87	.....	.....	83	1	56	26
Sun.....	2,400,000	480,000	3,772,575	78,058	38,261	7,940	234,175	150,276	83,800	99
Theatres Mutual.....	25,290	2,704	.....	2,100,999	160,270	415,113	1,502,340	842,262	574,939	87,139
Union.....	450,000	50,000	1,261,975	2,381	59,583	70,149	628,804	309,615	277,743	279
United Free Church of Scotland.....	1,308,000	163,500	1,271,287	757,366	190,379	174,008	1740,388	1247,593	138,304	91,446
Urban.....	20,000	2,000	.....	127,773,130	.....	.....	1,858	309	407	1,142
Urban Baptist.....	4,600	1,909	.....	26,406	.....	.....	127	6	23	98
Welsh Calvinistic Methodist.....	4,475	486	.....	60	.....	.....	378	8	102	268
Weakley Methodist Trust.....	9,070	483	.....	5,073	.....	.....	1,112	1,534	.....	—722
West of Scotland.....	25,000	1,250	.....	15,793	.....	.....	10,469	96,310	.....	4,159
World Marine and General.....	175,000	35,000	.....	7,851	.....	12,106	41,374	20,832	13,032	6,610
Yorkshire.....	250,000	100,000	374,315	83,313	.....	45,975	1244,973	12200,033	111,947	132,093
	845,856	125,289	4,717,387	127,308,491	.....	76,567	455,800	247,149	173,350	35,501
				182,320	.....		1430,047			
				1456,550	.....				

† Marine. b Suspense account. e Including losses of previous years. f Including general reserve. g Expenses included with losses.
 * Includes amount of underwriting account carried forward. y Funds.

HOME OFFICE STATEMENTS OF FOREIGN FIRE AND MARINE INSURANCE COS. IN 1914.

Comprised in the following table are extracts from the latest home office statements of foreign fire and marine insurance companies licensed to do business in the United States. For others see tables of "British Fire Insurance Companies' Statements for 1914," "Insurance in Canada" and "Reports of Fire Insurance Companies."

NAME AND LOCATION OF COMPANY.	Capital.	Assets.	Balance of Profit and Loss Account.	Fire Premiums.	Fire Losses.	Expenses, Fire Account.
Aachen and Munich, Aix-la-Chapelle.....	\$ 2,250,000	\$ 10,544,237	/ 2,732,210	\$	\$	\$
Balkan National, Sofia.....	400,000	6,080,558	/ 730,448	2,904,170	2,024,879	904,931
Cologne Reinsurance, Cologne, Germany.....	2,250,000	20,514,470	551,972	.....	.....	.....
Fire Reassurance, Paris.....	400,000	4,657,586	202,847	3,648,337	2,060,315	1,083,680
First Russian, Petrograd.....	.....	.....	.....	6,130,415	4,152,483	1,079,529
Fonciere Marine, Paris.....	5,000,000	10,522,859	376,069	1,809,876	973,816	699,678
Frankona Reinsurance, Frankfurt-on-the-Main, Ger.....	2,000,000	7,283,835	104,862	1,366,627	835,032	400,833
General, Paris.....	400,000	8,831,192	145,886	5,935,112	2,371,993	4858,353
Minerva Ret. and Reins., Cologne, Germany.....	1,000,000	5,074,585	214,818	.....	.....	.....
Munich Reinsurance, Munich.....	7,500,000	60,274,514	59,474,081	19,622,044	11,684,415	5,765,262
New Zealand, Auckland.....	22,250,000	6,537,445	51,482,960	13,496,550	12,176,985	11,010,625
Paternelle, Paris.....	1,200,000	6,294,542	12,007	2,175,379	704,370	724,611
Phoenix, Paris.....	800,000	8,842,986	583,669	2,399,190	1,309,282	4929,736
Russia, Petrograd.....	2,600,000	62,703,018	793,744	.....	.....	.....
Russian Reinsurance, Petrograd.....	1,500,000	7,380,547	262,719	4,740,037	2,902,501	1,385,760
Swiss Reinsurance, Zurich.....	2,000,000	24,769,723	235,085	5,420,174	2,742,826	220,067
Union, Paris.....	1,500,000	10,860,787	100,196	6,030,793	3,008,853	41,552,031
Urbaine, Paris.....	1,000,000	7,155,043	22,428	4,015,958	2,191,712	41,168,019
Yang-Tze, Shanghai.....	720,000	4,435,274	* 1,503,005	12,597,086	11,203,839	1331,835

a Paid-up. / Net surplus. k Includes general expenses and commissions. / Includes all branches.
 • Balance of working account, 1914. † Marine. ¶ Includes other branches.

STATISTICS OF FIRES AND OPERATIONS OF NEW YORK FIRE DEPARTMENT, 1914.

The following interesting tabulation was prepared by John Kenlon, Chief of the New York Fire Department, for the National Board of Fire Underwriters:

Number of alarms.....	16,245		Fires extinguished:		
False and unnecessary alarms.....	1,820		without engine stream.....	8,561	
		14,425	with one engine stream.....	3,701	
Number of fires in other than buildings..	2,168		with two or three engine streams.....	835	
Number of fires in vessels.....	86		with exceeding three engine streams....	192	
Fires confined to starting point.....	10,164		with one high-pressure stream.....	749	
Fires confined to building.....	1,705		with two or three high-pressure streams..	246	
Fires extended to other buildings.....	302		with exceeding three high-press. streams..	141	
		14,425			14,425
WATER STATEMENT.			FIRE LOSSES.		
Number of gallons of fresh water used.....	57,338,776		Manhattan, Bronx and Richmond.....	\$5,363,366	
Number of gallons of salt water used.....	19,487,810		Brooklyn and Queens.....	2,854,445	
Total.....	76,826,586		Total.....	\$8,217,811	

BUILDING STATISTICS BY BOROUGHES.

	Manhattan	Bronx	Richmond	Brooklyn	Queens	Totals
One-family frame or brick.....	25,212	13,549	14,219	62,080	35,663	150,723
Two-family frame or brick.....	2,681	8,154	1,519	49,505	13,336	75,195
Tenements.....	39,421	9,617	634	45,956	4,876	100,504
Hotels and elevator apartments.....	2,155	70	82	209	231	2,747
Warehouses.....	7,964	142	85	1,551	40	9,782
Office buildings.....	813	69	47	145	95	1,169
Stables and garages.....	2,168	1,041	1,876	4,613	4,585	14,283
Factories.....	1,428	250	627	2,364	621	5,290
Theatres.....	128	12	3	68	18	229
Special structures, moving pictures, tax-payers' stores, etc.....	2,879	2,259	1,028	5,889	3,060	15,115
Totals.....	84,849	35,163	20,120	172,380	62,525	375,037

STATISTICS—CLASSIFICATION OF BUILDINGS IN WHICH FIRES OCCURRED.

	Manhattan, and Richmond.	Brooklyn and Queens.	Manhattan, Bronx and Richmond.	Brooklyn and Queens.
Breweries.....	3	3	34	22
Churches.....	21	8	46	5
Club houses and dance halls.....	17	12	2	1
Dwellings.....	557	1,559	16	5
Factories.....	273	267	17	7
Furnished rooms and boarding.....	174	95	254	274
Garages.....	44	38	15	28
Hospitals.....	12	2	5,048	1,733
Hotels.....	50	27	28	13
Lofts and business buildings.....	1,172	113	1,290	960
Lumber yards.....	3	7	61	42
Moving pictures.....	27	12		
Newspapers and printing.....	27	1		
			Total.....	9,191
				5,234

RESUME—STATISTICS BY BOROUGHES

	Manhattan	Bronx	Richmond	Brooklyn	Queens	Totals
Assessed valuation.....	\$5,149,250,760	\$658,632,013	\$82,114,453	\$1,671,175,930	\$488,686,756	\$8,049,859,912
Exempt from taxation.....						1,873,895,243
Acres.....	14,038	26,017	36,600	49,680	75,111	201,446
Square miles.....	21.93	40.65	57.19	77.62	117.36	314.75
Population.....	2,564,387	673,107	100,685	1,953,285	402,003	5,693,667
Alarms.....	8,073	1,625	707	4,798	1,042	16,245
False alarms.....	1,047	147	20	497	109	1,820
Number of fires.....	7,026	1,478	687	4,301	933	14,425
In buildings.....	6,267	1,328	255	3,636	685	12,171
Other than buildings.....	759	150	432	665	248	2,254
Confined to starting point.....	6,176	1,287	241	3,526	639	11,869
Extended to adjoining buildings.....	91	41	14	110	45	302
Number of fires per 1,000 inhabitants.....	2.74	2.19	6.87	2.20	2.32	2.53
Loss per fire.....	\$644.11	\$420.05	\$315.88	\$586.98	\$353.52	\$569.69
Number of fires per each 100 buildings.....						3.84
Number of fires per each 1,000 inhabitants.....						2.53
Percentage of fires confined to buildings of place of origin.....						.82
Loss per inhabitant.....						\$1.44

COMPANIES AND BROKERS ACCEPTING SURPLUS LINE BUSINESS.

Included in the following list will be found the names and addresses of licensed American and licensed and unlicensed foreign fire insurance companies which are understood to be writing surplus fire insurance business in the United States, and the offices through which their policies may be obtained. For information as to American and foreign companies named in this list, readers are referred to "Reports of Fire Insurance Companies," published in another part of this book.

- Aachen Reinsurance, Aix-la-Chapelle.
 Agrippina O. R. & L. Transport, Aix-la-Chapelle.
 Anglo-American, Toronto, Can.—W. L. Pettibone & Co., Newark, N. J.
 Arizona Fire, Phoenix.—John E. King, New York.
 Arlington, Washington, D. C.—John E. King, New York.
 Assicurazioni Generali, Trieste.—Weed & Kennedy, New York (not active).
 Austrian Elemental, Vienna.—Weed & Kennedy, New York (not active).
 Badische, Mannheim.
 British Dominions General, London.—E. E. Hall & Co., New York.
 Central, London, Eng.—Fred S. James & Co., New York and Chicago.
 China Traders, Hong Kong, China.
 Colonial Assurance, Winnipeg, Man.—A. L. McCrae, Chicago, Ill.
 Colonial Marine and Fire, Batavia, Java.
 Continental, Mannheim.
 Co-operation Fire, Paris, France.—A. L. McCrae, Chicago, Ill.
 Cornhill, London.
 Dayton Mutual Fire, Dayton, Ohio.—J. S. Kemper, Chicago.
 Donau, Austrian, Vienna.
 Dusseldorfer Reinsurance, Dusseldorf, Germany.—Brown, Anderson & Young, Chicago.
 Eagle, Paris.
 Economic Marine of London.
 Equity, Kansas City.—F. R. Thompson, Chicago.
 Equity Fire Insurance Association, Sioux City, Ia.—Charles Brock-Jones & Co., Chicago; C. W. Smith & Co., San Francisco.
 Essex & Suffolk, Colchester, Eng.—Fred S. James & Co., New York and Chicago.
 Europa Reinsurance, Berlin.
 Excess, London.—A. F. Shaw & Co. (whiskey in free and bonded warehouses anywhere in U. S.), Chicago; Marsh & McLennan, Chicago.
 Fine Art and General, London.—E. E. Hall & Co., New York.
 Firemen and Mechanics, Madison, Ind.—Rehm & Olin, Indianapolis.
 First Bohemian Reinsurance Bank, Prague.
 Le Foncier de France et des Colonies, Paris, France.—A. L. McCrae, Inc., Chicago.
 Fortuna General, Berlin.
 German Reinsurance and Coinsurance, Berlin.
 Globe, San Antonio.—F. R. Thompson, Chicago.
 Globus, Hamburg, Germany.
 Grain Shippers Mutual Fire, Ida Grove, Iowa.—H. C. Kirkpatrick, San Francisco; C. W. Smith & Co., San Francisco.
 Great North, Calgary.—Chas. W. Smith & Co., San Francisco.
 Gresham Fire and Accident, London.—Fred S. James & Co., New York and Chicago.
 Guardian, London.
 Hamburg Underwriters, Hamburg.
 Hearts of Oak, London.
 Indemnity Assn., Ltd., London.
 Industrielle, Paris, France.
 International Assurance Association.—A. L. McCrae, Inc., Chicago.
 Italian Fire and Marine, Turin, Italy.
 Italiana, Genoa, Italy.
 Lancashire and Cheshire, London, Eng.
 Law Accident, London, Eng.
 Law, Fidelity and General, London.
 Legal Insurance Co., Ltd., London, Eng.—Fred S. James & Co., New York and Chicago.
 Lloyds, London.—A. F. Shaw & Co., Chicago; Fred S. James & Co., Chicago; Marsh & McLennan, Chicago; F. R. Thompson, Chicago; R. W. Hosmer & Co., Chicago; Stark-weather & Shepley, Providence, R. I., New York and Chicago; Rollins, Burdick & Hunter Co., Chicago; C. P. Wurts, Chicago; Weed & Kennedy, New York.
 London S. S. Owners, London.
 Madison, Madison, Ind.—A. J. Van Deinsse & Co., Indianapolis.
 Majestic, London.
 Merchants Marine, London.
 Minnesota Fire, Chatfield.—A. J. Van Deinsse, Indianapolis; Chas. W. Smith & Co., San Francisco.
 Monarch, London.
 Montreal-Canada, Montreal.—W. L. Pettibone & Co., Newark, N. J.
 Mount Royal, Montreal.—E. E. Hall & Co., New York.
 Mutuelle de Valence, Paris, France.
 National of Great Britain, Glasgow.—E. E. Hall & Co., New York; Marsh & McLennan, Chicago.
 National British and Irish Millers, London.—E. E. Hall & Co., New York (sprinklered risks only).
 National Standard, London, Eng.—A. L. McCrae, Inc., Chicago.
 Nordisk, Copenhagen.
 Northern Fire and Marine, Grand Forks, N. D.—Charles Brock-Jones & Co., Chicago (for Ill.); C. W. Smith & Co., San Francisco.
 Pannonia Hungarian, Budapest.
 Provincial, Bolton, Eng.
 Pohjola, Helsinki.
 Prudentia Reinsurance, Zurich.
 Regal Fire and Accident, London.
 Rhenish-Westphalian, M. Gladbach.
 Scottish Sick and Accident, Glasgow.
 Securitas, Vienna.
 Securite General, Brussels.
 Security Mutual, Chatfield, Minn.—A. J. Van Deinsse, Indianapolis, Ind.
 Skandinavia Reinsurance, Copenhagen.
 Sterling Fire, Quebec.
 Stuttgart Insurance and Reinsurance, Stuttgart.—Brown, Anderson & Young, Chicago.
 Themis, Paris, France.
 Triton, Helsingfors.
 Union, Canton, China.
 Upper Rhine, Mannheim.
 Victoria, Bucharest, Roumania.
 Vienna Reinsurance, Vienna.
 World Marine, London.
- Special Agents Licensed Under Surplus-Line Law,**
 New York State:
 Benedict & Benedict, Brooklyn.
 Frank & DuBois, New York.
 Arthur C. D. Foster, New York.
 Frederick L. Green, New York.
 Edward E. Hall & Co., New York.
 Fred S. James & Co., New York.
 Warren M. Kimball, New York.
 Henry W. Lowe, New York.
 Weed & Kennedy, New York.
- Special Agents Licensed Under Illinois Brokers' Law:**
 Charles Brock-Jones.
 H. V. Burrows, Chicago.
 Paul G. Johnson.
 Critchell, Miller, Whitney & Barbour, Chicago.
 Herbert Darlington, Chicago.
 Marsh & McLennan, Chicago.
 C. E. Rollins, Chicago.
 Arthur C. Schieferstein.
 Fred E. Young.

Special Agents Licensed Under Missouri Surplus-Line Law:

Walter T. Campbell, St. Louis.
 Carr Bros., St. Louis, Mo.
 W. D. Hemenway, St. Louis, Mo.
 Homer P. Knapp, St. Louis.
 M. E. Leming Lumber Co., Cape Girardeau, Mo.
 W. H. Markham & Co., St. Louis.
 Nicholas R. Wall & Edward T. Campbell Agency Co., St. Louis.
 Sam. D. Capen, St. Louis.
 Wm. H. Fisher, Hannibal, Mo.
 F. C. Whittemore, St. Louis.
 Phillip S. Brown, Jr., Kansas City, Mo.

Special Agents Licensed Under Pennsylvania Surplus-Line Law:

Henry W. Brown & Co., Philadelphia.
 Buckman & Williams, Philadelphia.
 Hutchinson, Rivinus & Co., Philadelphia.
 Mather & Co., Philadelphia.
 Platt, Yungman & Co., Philadelphia.

Surplus Line Brokers, San Francisco, Cal.:

A. M. Bender.
 F. W. Birlem.
 J. E. Clark.

Roger Clucking.
 Bert Davis.
 Evan C. Evans.
 Robt. D. Foster.
 C. B. Harrison.
 Emil E. Kahn.
 Wm. Macdonald.
 H. S. Mannheim.
 L. Rosenthal.
 R. C. Ward.
 Willard O. Wayman.
 G. W. Cortelyou.
 E. W. Dickson.
 A. W. Follansbee, Jr.
 J. G. Johnson.
 Harold Manor.
 G. A. Newhall.
 A. W. Rosenbaum.
 A. H. Smith.
 J. R. Sloan.
 M. Thompson.

Surplus-Line Brokers, Los Angeles, Cal.:

G. A. L. Heinemann.
 Chas. F. List.
 John E. Nattress.
 O. Rey Rule.

AUTOMATIC SPRINKLERS.

The following is a list of the principal manufacturers of automatic sprinklers, together with the addresses and the names of the sprinkler heads which they make or install:

AUTOMATIC SPRINKLER COMPANY OF AMERICA, 123 William Street, New York. (See opposite Appendix page C 1.)—Manufacturers; Niagara.

INTERNATIONAL SPRINKLER COMPANY, 123 William Street, New York.—International.
OHIO AUTOMATIC SPRINKLER COMPANY, Youngstown, Ohio.—Lapham.

GENERAL FIRE EXTINGUISHER COMPANY, Providence, R. I.—Grinnell; Naracher.

ESTY SPRINKLER COMPANY, Laconia, N. H.—Esty.

INDEPENDENT FIRE SPRINKLER COMPANY, 1801-1825 Diversey Boulevard, Chicago, Ill.—Independent or Stantial.

ROCKWOOD SPRINKLER COMPANY OF MASSACHUSETTS, 38 Harlow Street, Worcester, Mass.—Rockwood.

GLOBE AUTOMATIC SPRINKLER COMPANY, 1610 Reading Road, Cincinnati, Ohio.—Globe.

RUNDLE-SPENCE AUTOMATIC SPRINKLER COMPANY, Milwaukee, Wis.—Rundle-Spence.

ASSOCIATED AUTOMATIC SPRINKLER COMPANY, 2218 Vine Street, Philadelphia, Pa.—Associated.

AUTOMATIC SPRINKLER LEAKAGE INSURANCE.

Below will be found a list of companies which insure against damage by leakage and breakage of automatic sprinkler equipment:

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| <p>*Etna Accident and Liability Co., Hartford.</p> <p>Etna Insurance Co., Hartford.</p> <p>*American Lloyds, New York.</p> <p>American Mutual Fire, Providence, R. I.</p> <p>Arkwright Mutual Fire, Boston.</p> <p>Automobile, Hartford.</p> <p>Balkan National, Sofia.</p> <p>Blackstone Mutual Fire, Providence.</p> <p>Boston Manufacturers Mutual Fire, Boston.</p> <p>*Commonwealth Ins. Co. New York.</p> <p>*Continental Ins. Co., New York.</p> <p>Cotton and Woolen Mfrs. Mutual, Boston.</p> <p>Enterprise Mutual Fire, Providence, R. I.</p> <p>Fall River Mfrs. Mutual, Fall River, Mass.</p> <p>Fidelity-Phenix, New York.</p> <p>Firemens Mutual, Providence.</p> <p>Frankona Reinsurance, Frankfurt, Ger.</p> <p>German-American, New York.</p> <p>Globe and Rutgers, New York.</p> <p>*Hartford Fire Insurance Co., Hartford.</p> <p>Home, New York.</p> <p>Hope Mutual Fire, Providence.</p> <p>Imperial, New York.</p> <p>Industrial Mutual, Boston.</p> <p>Keystone Mutual Fire, Philadelphia.</p> <p>*Liverpool and London and Globe, Liverpool.</p> <p>London and Lancashire Fire, Liverpool.</p> <p>Manufacturers Mutual Fire, Providence.</p> <p>Manton Mutual Fire, Philadelphia.</p> <p>*Maryland Casualty Co., Baltimore.</p> <p>Mechanics Mutual Fire, Providence, R. I.</p> <p>Mercantile Mutual Fire, Providence.</p> <p>Merchants Mutual Fire, Providence.</p> <p>Mill Owners Mutual Fire, Chicago.</p> | <p>Munich Reinsurance, Munich.</p> <p>Narragansett Mutual Fire, Providence.</p> <p>National Mutual, Philadelphia.</p> <p>*New York Underwriters Agency, New York.</p> <p>*North British and Mercantile Insurance Co., London.</p> <p>North British and Mercantile, New York.</p> <p>Norwich Union, Norwich, England.</p> <p>Orient, Hartford.</p> <p>Paper Mill Mutual, Boston.</p> <p>Philadelphia Manufacturers, Philadelphia.</p> <p>*Phoenix Assurance Co., London.</p> <p>Protection Mutual Fire, Chicago.</p> <p>*Providence Washington Insurance Co., Providence.</p> <p>Queen, New York.</p> <p>*Rhode Island Insurance Co., Providence.</p> <p>Rhode Island Mutual Fire, Providence, R. I.</p> <p>Royal Exchange, London.</p> <p>*Royal Insurance Co., Liverpool.</p> <p>Rubber Mfrs. Mutual, Boston.</p> <p>Scottish Union and National Edinburgh.</p> <p>*Springfield Fire and Marine, Springfield, Mass.</p> <p>Standard Mutual Fire, Philadelphia.</p> <p>State Mutual Fire, Providence, R. I.</p> <p>Swiss Reinsurance, Zurich.</p> <p>*United States Casualty Co., New York.</p> <p>Vulcan, New York.</p> <p>What Cheer Mutual Fire, Providence.</p> <p>Westchester, New York.</p> <p>Worcester Mfrs. Mutual, Worcester, Mass.</p> |
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* Written under a distinct policy covering this form of insurance only.

RECORD OF THE YEAR.

The following lists show for the twelve months ending with June 15, 1915, the changes among fire insurance officials, a list of companies organized or proposed, also the death roll of the year:

OFFICIAL CHANGES.

- Armstrong, William G., elected secretary of the National Union Fire to succeed W. F. Braun, resigned April, 1915.
- Aschermann, W. E., appointed secretary of the United States branch of Hamburg-Bremen Fire, Hamburg.
- Baker, Dr. George Fales, resigned as vice-president of the Franklin Fire of Philadelphia May, 1915.
- Barry, Charles H., elected president of Pennsylvania Fire to succeed Col. R. Dale Benson, resigned March, 1915.
- Bayard, L. P., Sr., resigned as joint manager of the United States branch of the Phoenix Assurance of London; resigned as president of the Imperial Assurance of New York and as manager of the Swiss Reinsurance of Zurich, December 31, 1914.
- Bayard, L. P., Jr., appointed manager of Phoenix of London, with A. B. Mills, succeeding L. P. Bayard, retired, January, 1915.
- Bell, George H., assistant United States manager of Royal Exchange, London, resigns to become second assistant general agent of the National Fire, Hartford.
- Benson, Col. R. Dale, resigns as president of Pennsylvania Fire, November, 1914.
- Betts, Walter C., appointed general manager of the London and Midland, London.
- Billheimer, John C., resigned as president of the Sterling Fire, Indianapolis, June, 1915.
- Braun, W. F., resigned as secretary of the National Union Fire, May 1, 1915.
- Buswell, Frederic C., elected vice-president of the Franklin Fire of Philadelphia, May, 1915.
- Carlston, J. F., succeeded Tom C. Grant as president of the Vulcan Fire of Oakland, March, 1915.
- Clark, W. H., elected president of United Firemens of Philadelphia, succeeding Col. Robert B. Beath, deceased.
- Darlington, Hart, appointed assistant manager of Phoenix, London.
- Davis, Lewis, retired as president of the Lumbermens of Philadelphia, June, 1915.
- Dubois, Fred T., elected vice-president First National Fire, Washington.
- Dudley, Frederick S., resigned as vice-president First National Fire, Washington.
- Dugan, A. G., elected vice-president of Sterling Fire of Indianapolis, June, 1915.
- Dunn, N. J., made secretary of the Lumbermens of Philadelphia, June, 1915.
- Ewing, John G., resigned as president of the Columbian National Fire, April, 1915.
- Francis, Guy, appointed underwriting manager of the Vulcan Fire of Oakland, February, 1915.
- Guthard, Henry J., resigned as secretary of the Detroit National Fire of Detroit, the office being combined with that of treasurer, February, 1915.
- Hall, E. E., & Co., appointed United States managers of London and Lancashire Life and General, London.
- Hill, Oliver H., made president of the Lumbermens of Philadelphia, June, 1915.
- Holt, W. A., resigned as president of the Los Angeles Fire, March, 1915.
- Irving, Arthur J., Jr., resigned as secretary United States branch, Phoenix, London.
- King, Calvin E., made treasurer of Anglo-American Fire, succeeding Morris H. Prescott, resigned, February, 1915.
- Kurth, Wilfred, elected secretary Franklin Fire, Philadelphia, May, 1915.
- Leonard, Frank P., elected treasurer Marquette National Fire, Chicago, February, 1915.
- Ludlum, Clarence A., elected vice-president, Franklin Fire, Philadelphia, May, 1915.
- Lutz, W. B., resigned as secretary of the New Jersey Fire, June, 1915.
- Mann, Owen R., elected president of the Kentucky Registry, October, 1914.
- Maillot, Walter L., appointed assistant manager of Western department of Phoenix, London.
- Martin, F. M., elected treasurer and assistant secretary of the Florida F. and C., Jacksonville.
- Matre, Anthony, elected president Marquette National Fire, Chicago, February, 1915.
- Mills, A. B., appointed manager of Phoenix of London, succeeding L. P. Bayard, retired, January, 1915.
- Milliken, Lyon B., treasurer, Sterling Fire, Indianapolis, elected president to succeed J. C. Billheimer, resigned, June, 1915.
- Mitchell, Charles E., resigned as secretary United States branch, Hamburg-Bremen, Hamburg.
- Nicholls, James, retired as president of National Fire of Hartford, February, 1915.
- Olney, George M., resigned as president of the Arizona Fire, May, 1915.
- O'Neill, E. B., elected president of the Arizona Fire to succeed George M. Olney, resigned, May, 1915.
- Orr, Herbert P., elected secretary of the Columbian National Fire to succeed Matthew W. Walsh, resigned, April, 1915.
- Prescott, Morris H., retired as treasurer of the Anglo-American Fire of Chicago, February, 1915.
- Quackenbush, S. H., appointed assistant manager of U. S. branch of Aachen and Munich of Aix-la-Chapelle, February, 1915.
- Quinby, Henry C., made president of Eagle Fire of New York, January, 1915.
- Reade, George B., made secretary Eagle Fire of New York, January, 1915.
- Reis, Dr. Henry, elected vice-president Marquette National Fire, Chicago, February, 1915.
- Rice, Frank M., retired as secretary of Anglo-American Fire, Chicago, February, 1915.
- Risley, L. M., made secretary of Anglo-American Fire of Chicago, succeeding Frank M. Rice, resigned, February, 1915.
- Ross, Oscar L., elected secretary-treasurer Sterling Fire, Indianapolis, June, 1915.
- Sattler, William, made assistant secretary of the Lumbermens of Philadelphia, June, 1915.
- Smith, Auber, elected secretary of the Ohio Valley Fire of Paducah, January, 1915.
- Smith, John E., appointed managing underwriter First National Fire, Washington, D. C.
- Smith, Harry A., elected president National Fire of Hartford, succeeding James Nichols, retired, February, 1915.
- Spicer, C. C., secretary of the Los Angeles Fire, elected president to succeed W. A. Holt, resigned, March, 1915.
- Thyson, William Frank, elected secretary of Commercial Fire, Washington.
- Tyner, Charles L., elected vice-president and secretary Franklin Fire, Philadelphia, May, 1915.
- Viehmann, George A., elected president of the New Jersey Fire to succeed William G. Whilden, resigned, April, 1915.
- Wakefield, E. E., appointed assistant manager of the U. S. branches of General Fire and Urbaine Fire, Paris.
- Walsh, Matthew W., resigned as secretary of the Columbian National Fire, April, 1915.
- Warren, Bates, elected vice-president Commercial Fire, Washington.
- Whilden, William G., resigned as president and managing underwriter of the New Jersey Fire, March 31, 1915.
- Woessner, Henry J., elected secretary and managing director Marquette National Fire, Chicago, February, 1915.

OBITUARY.

- Adams, George Grigg, manager Southern Adjustment Bureau, Birmingham, Ala.
 Allison, Francis A., agent of Taylor, Tex., April, 1915.
 Anthony, Frank W., insurance promoter, March, 1915.
 Appleton, Lloyd D., State agent for the Germania Fire in Colorado, March, 1915.
 Babcock, John J., of Philadelphia, with the Springfield F. and M., March, 1915.
 Bacharach, Jesse, examiner New York Insurance Department, April, 1915.
 Baldwin, Charles H., insurance agent of Minneapolis, December, 1914.
 Barnard, Darwin, local agent, Boston, Mass., November, 1914.
 Barry, D. Ramsay, agent of Baltimore, Md., March, 1915.
 Beath, Robert B., president of United Firemen, Philadelphia; vice-president of Peoples National Fire, Philadelphia, December, 1914.
 Bennett, Robert, special agent North British and Mercantile, Boston, December, 1914.
 Bixby, Winfred N., of Crain, Jones, Bixby & Co., Boston, June, 1915.
 Brentano, Simon, well-known fireman, author and bookseller, February, 1915.
 Brown, Donald C., adjuster, assistant manager of General Adjustment Bureau of New York, April, 1915.
 Burns, John, insurance agent, Nashville, Tenn.
 Carey, George W., local agent, Lebanon, Ohio, November, 1914.
 Congdon, Thomas, veteran insurance man, Glen Ridge, N. J.
 Cooney, John B., superintendent of agents of City of New York, New York.
 Darlington, J. H., of Brooklyn, appraiser of machinery losses, June, 1915.
 De Camp, James M., general agent at Cincinnati for L. and L. and G., March, 1915.
 De Wolf, J. H., ex-president of the Providence Washington of Providence, R. I., June, 1915.
 Dooley, George A., special agent of Boston, Mass., November, 1914.
 Dorland, Irving R., of Davis, Dorland & Co., New York, January, 1915.
 Duncan, Morris Leigh, American manager of the Svea Fire and Life at New York, April, 1915.
 Ellis, William K., insurance broker, Washington, D. C.
 Emerson, Harry, assistant counter clerk, Hartford Fire, in New York.
 Fabre, Clarence L., of Clarence L. Fabre, Inc., New York, broker, February, 1915.
 Feeney, Ralph W., superintendent of the Horticultural Fire Relief, March, 1915.
 Ferguson, William J., agent, of New Orleans, June, 1915.
 Foster, Edward E., assistant manager of the Germania Fire, Chicago, April, 1915.
 French, George A., elected assistant secretary of the New Hampshire Fire of Manchester, March, 1915.
 Gale, Dr. Ernest A., of agency firm of J. Paulding Meade & Co. of Boston, May, 1915.
 Groves, F. S., former superintendent of the Fire Patrol of New York, June, 1915.
 Haggerty, William J., assistant manager Western department, Fire Association, Philadelphia, Chicago.
 Harding, Nehemiah S., State agent and adjuster, Springfield F. and M., April, 1915.
 Harrison, Carrington, local agent for Home of New York, in Memphis, March, 1915.
 Hewett, Henry, prominent marine insurance man of Portland, Ore., February, 1915.
 Hobbs, James B., well-known fire insurance man, Portland, Maine.
 Honsinger, Brainard, widely known insurance agent, Chicago.
 Horton, Oliver H., former vice-president and counsel of the Central National Fire of Chicago, February, 1915.
 Hunter, John, prominent insurance lawyer, Toronto, Canada.
 Jones, Thomas, general agent of the Hanover Fire, Eastern territory, May, 1915.
 Jones, F. E. R., manager at Chicago of L. and L. and G., November, 1914.
 Junge, Carl F. W., veteran fire insurance man, Chicago, Ill.
 Kelling, August, president Badger Mutual Fire of Milwaukee, October, 1914.
 Kinney, A. T., of Taylorsville, Ill., special agent of the Fidelity-Phenix, March, 1915.
 Kirkpatrick, A. D., special agent of the Home of New York at Toronto, Canada, May, 1915.
 Koett, C. B., well-known insurance agent, Burlington, Iowa.
 Kopp, G. Henry, adjuster, of New York, June, 1915.
 Lewis, Alonzo, old-time fire underwriter, New York city.
 Loehr, Col. Charles T., actuary of the Virginia Fire and Marine of Richmond, March, 1915.
 Lundy, A. D., of Philadelphia, special agent of the Sun of London in Eastern Pennsylvania, March, 1915.
 Lyman, E. W., of Moore, Case, Lyman and Hubbard, Chicago, January, 1915.
 Maloney, Andrew J., agent National-Ben Franklin, Pittsburg.
 Maxwell, Jefferson Davis, of Anderson, S. C., October, 1914.
 McConaughy, J. A., veteran insurance agent, Rochester, Ill.
 Mitchell, Capt. J. H., vice-president Phoenix, Hartford.
 Moore, Charles A., of New York, director of the Continental, December, 1914.
 Moore, William Warren, of Chicago, special agent of the L. and L. and G. in Illinois, April, 1915.
 Murphy, H. D., agent in Newark, Ohio, November, 1914.
 Murphy, C. S., agent at Dubuque, Ia., January, 1915.
 Odell, Robert S., well-known insurance agent, Chicago.
 Orr, Charles Wesley, manager Southern department Newark Fire, Newark.
 Parsons, Thomas C., general agent of Glens Falls, Cleveland, Ohio, November, 1914.
 Pemberton, John, president of the Horticultural Fire Relief of Oregon, March, 1915.
 Phillips, State agent for Wisconsin of the Ins. Co. of North America, April, 1915.
 Phillips, Lewis F., cashier of Agricultural of Watertown, November, 1914.
 Rathbone, Robert C., of R. C. Rathbone & Son of New York, brokers, February, 1915.
 Rawlings, Frank T., of Washington, D. C., former president of the Arlington Fire, December, 1914.
 Reddeman, Oscar E., of Cleveland, special agent, Twin City Fire, June, 1915.
 Richards, William E., of Thompson, Richards & Brady of Utica, January, 1915.
 Roberts, James W., president Independent Mutual Fire, Fairfax, Va.
 Sage, William P., of Hartford, general agent of the Connecticut Fire, January, 1915.
 Schroeder, Carl, well-known agent of Detroit, January, 1915.
 Scofield, P. W., New York, November, 1914.
 Searing, George D., local agent, Lima, Ohio.
 Sefton, Thomas, former president of the Home Fire of New Orleans, November, 1914.
 Sims, Alfred, heating inspector, Bureau of Surveys, New York Board, June, 1915.
 Southgate, James, agent, Durham, N. C., November, 1914.
 Spencer, D. A., secretary of the San Francisco Brokers Exchange, April, 1915.
 Stanbery, Edward, assistant Chicago manager of the Royal, June, 1915.
 Stearns, Colonel John C., veteran insurance agent, Bradford, Vt.
 Stevens, Horace B., Jr., agent of El Paso, November, 1915.
 Stuart, Henry Clay, of Des Moines, ex-president of the Fire Underwriters of the Northwest, June, 1915.
 Talbot, John M., broker, of New York, April, 1915.
 Tanner, H. M., of Atlanta, Ga., Southern general agent for the Agricultural of Watertown, January, 1915.
 Textor, Rheinhold, broker, of Brooklyn, February, 1915.
 Terry, F. W., local agent, of Texarkana, October, 1914.

Tinker, Henry C., director Fidelity-Phenix, New York, November, 1914.
 Townsend, Sidney J., former secretary of the Knickerbocker of New York, killed in battle, May, 1915.
 Turnbull, Thomas, former secretary of the Hartford Fire, May, 1915.
 Tynberg, Sigmund N., former president of the Fire Adjustment Corporation of New York, June, 1915.
 Vincil, James E., veteran underwriter, Kansas City, Mo.
 Walter, Philip, agent of Jacksonville, Fla., April, 1915.
 Ward, Charles W., general agent Firemens, Newark, San Francisco.
 Wellington, George Y., local agent of Boston, March, 1915.
 Williams, O. W., manager marine department, Commercial Union, Chicago.
 Wilson, Edgar S., Southwestern manager of Firemans Fund, Macon, Ga.
 Wright, William C., insurance agent at Taylor, Tex., April, 1915.
 Wynne, Robert J., elected president First National Fire, Washington.
 Zillmer, Theodore, president of Milwaukee Board of Fire Underwriters, June, 1915.

COMPANIES ORGANIZED SINCE JUNE 15, 1914.

Many of the following companies have never completed organization, while others are companies in name only:

STOCK.

American Excess F. and M., New York; capital, \$1,000,000; Finley J. Shepard, president; Ansell H. Ball, secretary.
 American National, Columbus, Ohio; capital, \$350,000; John M. Zuber, president; Lloyd M. Richard, secretary.
 Bankers Fire, Chicago.
 Central States Fire, Wichita, Kansas; capital, \$100,000; H. C. Whalen, president.
 Colonial Fire, Covington, Ky.; capital, \$100,000.
 Dearborn Fire, Chicago; capital, \$2,000,000; W. R. Drake, A. H. Green and B. H. Pegram, incorporators.

Lincoln Fire, Nashville; capital, \$100,000, \$30,000 paid up; Ms. Dortch, promoter.
 Maine Fire, Portland, Maine; capital, \$1,000,000; F. E. Boothby, M. N. Dow and others, incorporators.
 National Security, Lincoln, Neb.; capital, \$100,000; Walter A. George, president.
 Nebraska Fire, Omaha, Neb.; capital, \$100,000; Van B. Lady and others, incorporators.
 Raleigh Fire, Raleigh, N. C.; capital, \$25,000.
 Shawnee F. and M., Lima; capital, \$300,000; Robert B. Davis, president.
 United States, Memphis; capital, \$200,000; James Alexander, president; James Marshall, secretary.
 Universal Fire, Chicago; capital, \$1,000,000; Grant Carpenter, W. M. St. Clair and others, incorporators.
 Wabash American Fire, Wabash, Ind.; capital, \$200,000; W. H. Anderson, W. H. Adams and C. B. Ireland, incorporators.
 Washington Fire, Washington, Pa.; capital, \$100,000; C. S. Caldwell, president; C. S. Pitcher, secretary.
 Western Union Fire, Waseca, Minn.

MUTUALS.

American Fire, Sioux City, Ia.; president, C. R. McCutcheon; secretary, S. E. Morrison.
 Farmers Mutual Fire, Fort Bragg, Cal.
 Farmers Mutual Town, Rusk, Wis.
 Garfield County Protective, Glenwood Springs, Colorado.
 Ginnens Mutual Fire, San Antonio; A. E. Jones, president; L. A. Murff, secretary.
 Indemnity Fire, Covington, Ky.; C. W. Evans, president; Lewis F. Runck, Jr., secretary.
 Massachusetts Mutual Automobile, Boston.
 Methodist Mutual Fire, Statesville, N. C.
 Mutual Fire of Montana, Helena, Mont.
 Mutual Hail, Dallas; C. P. Nance, president; A. L. Overton, secretary.
 Mutual Town, Lima, Wis.
 National Trust Mutual Fire, San Antonio; E. W. Gaffney, president; D. G. Campbell, secretary.
 Patrons Mutual Town, Rhinelander, Wis.

(Foreign Companies Entered)

Hamburg Assurance, Hamburg, Mutzenbecher & Ballard, managers, New York city.
 London and Lancashire Life and General, London; E. E. Hall & Co., managers, New York.

ADDENDUM.

MERCHANT'S NATIONAL FIRE INSURANCE CO., CHICAGO, ILL.

President, Geo. H. Bresee; secretary-treasurer, William H. Wilt.

The above-named company was licensed to transact business in Illinois July 1, 1915. Its financial statement on that date was as follows:

ADMITTED ASSETS, JULY 1, 1915.

Mortgage loans	\$159,600
Bonds, book value	23,300
Certificates of deposit	36,653
Cash in bank	1,769
Accrued interest	2,564
Total admitted assets	\$223,885

In addition, the company possessed \$5,715 of non-admitted assets.

LIABILITIES JULY 1, 1915.

Capital paid in	\$125,000
Net surplus	98,885
Total	\$223,885

APPENDIX



DIRECTORY OF INSURANCE AGENTS

PITTSBURGH LIFE AND TRUST COMPANY

W. C. BALDWIN, President

The First Company Licensed

By the New York Insurance Department after the enactment of
the Armstrong Laws.

Twelfth Annual Statement

ASSETS DECEMBER 31, 1914

Real Estate	\$9,035,207.49
Mortgage Loans	5,717,456.00
Loans Secured by Collateral	3,000.00
Loans to Policyholders	4,629,877.94
Bonds and Stocks	4,049,821.81
Cash in Bank at Interest	253,948.20
Cash in Office	2,104.16
Accrued Interest and Rents	196,212.54
Due and Deferred Premiums	314,927.32
Total	\$24,202,555.46

LIABILITIES DECEMBER 31, 1914

Reserves	\$21,809,096.00
Other Liabilities to Policyholders	307,943.75
Miscellaneous Liabilities	182,540.68
Capital Stock	1,000,000.00
Unassigned Funds	902,975.03
Total	\$24,202,555.46

DIRECTORS

JAMES J. DONNELL
W. W. BLACKBURN
W. HOWARD NIMICK
W. C. McCausland
JAMES CAROTHERS
ROBERT GARLAND

V. O. HICKMAN
W. I. BERRYMAN
FRED W. KIEFER
HENRY R. REA
WM. C. BALDWIN
JAMES H. MAHAN

FREDERICK C. PARSONS
W. H. SEIF
JOHN H. MURDOCH
Hon. E. F. ACHESON
G. W. JOHNSON

INSURANCE AGENTS

A DIRECTORY OF AGENTS REPRESENTING ALL BRANCHES OF INSURANCE
IN THE PRINCIPAL CITIES AND TOWNS OF THE
UNITED STATES AND CANADA.

EXPLANATION.—In this Directory the letters following the names denote the specialty of the agent, viz.: f—Fire, l—Life, c—Casualty. The term casualty applies to personal accident insurance, plate glass, steam boiler, burglary, and in fact to all classes of insurance indemnifying for casualties or accidental injuries to persons or property. (See also department containing names and addresses of General and Special Agents of the various companies.)

ALABAMA

ABANDA McKnight W K—l Tabum L M—c	ANNISTON Copeland J R—c Crook S L & Co—f l c Dehart A I—l Formby M O—f c Goodwin A J & Co—f l c Graham John C—l Henry Real Est & Ins Co—f Parker O H & Co—f l c Price W R—l Rivers E L—f c Smith Columbus—f l c Turner E L—l White W A—l Yeatman J L—l	ATMORE Goldsmith E F—f Jones & Curtis—f McMurphy & Roberts—f	Chisenhall J C—l Coats Robt L—l Cobb H W—l Cochrell H D—c Golson W P—f c Goode J J—l Hamilton M C—l Hoover Wm H—f c Howell T W—c Johnson E P—f c Kedrick Wm J—l Mathews & Mathews—c Moody Lee—f c Norwood John M—l Porter W H—l Stevenson G H—c Trotter J—f Waller H C—f c
ABBEVILLE Bland T J—f l Newman & Parrish—f c Stegall & Wood—f	AKRON Stivender J J—f l	ATTALLA Babbitt Mrs N W—f Bruce R P—f Guest S W—f c Johnson J E—f l Vann N W—f l c	BIRMINGHAM Adams A A & Co—f c Alabama Agency Corp—f Andrews E H—l Anglin & White—f c Arnold Jas V—c Arrant A J—f l Bailey Jas G—f Berry & Yeilding—f Bethes Re & Ins Co—f Block A L—c Blocker Ins Agcy—f t c Brimm W L—c Brown L C—l Brown R A & Co—f l c Burkitt Jas—c Burton W B—l Cameron W J—l c Carl & Wright—l Cheape F P—l Chesney A C—l Clark Under Agcy—f c Clark B F—c Clisby Ins & R'ty Co— f c Cullom, Smith & Co—f l c Cummings Jno—l c Daniel Arthur S—u Dillard-Clark Gen Agen- cy—f l Donaldson G W—l Dunlap J T—l Eaves B G—l Estes C R—l Estes Ins Agency—f l c Forbes T S—l Ford Bros—f l Foster S J—l Fraleigh I L—l Gibson J B—c
ALABAMA CITY Franklin J S—c	ALBERTVILLE Goodwin W P—f Hooper Jr A B—f Hubbard & Barnett—f Oglesby J R—l Walker & Jackson—f Weatherley G W—l	AUBURN Anderson James T—c Burton Robert W—f c Burton Lucile—f Martin Wm D—f l c	
ALEXANDER CITY Fuquay A P—f l c Gross R P—f Henderson Jas H—l Jackson E A—f Pearson H W—f Walker J A—f Waters W L—f	ALICEVILLE Bowlin G E—l Killingsworth B G—f l Kirkaly R J—l Park J Verner—f l c Somerville J A—l c	ARAB Bain Jos J—f l c	
ALTOONA Bynum T R—f Rhoades M P—f	AMERICA Aldridge A B—c	ARITON Jackson B I—f Windham & Fussell—f c	AUTAUCAVILLE Briggs S E—f c
ANDALUSIA Benson O L—f c Robinson A H—l Tilley J P Jr—f l c Timmerman-Seegers Ins. Agency—f c Van Pelt Homer T—l Wiats Realty Co—f c	ANNISTON Allison W E—l Christopher J E—l Frost C E—l Frost J W—f Hamblin C M—c Hughes J N & Co—f l c McCracken G G—f l McWilliams A B—l c McWilliams Walter—f l Malone W W—c Osborne R H—f l c Peebles W S—f Simmons Fred A—f Smith R C—l Walker & Glaze—l c Warten L M—f	ASHFORD Cook Wister W—f c Cook & Ellis—l Kinsey H M—f Wise & Culbreath—f	AVONDALE Carter Geo R—c Harwood Chas A—f Hendricks Tom L—f
ANNE MANIE Temple W M—c	ASHVILLE Embry James A—c High S R—f l c McCain Oscar—f	ASHLAND Mattison G A—f l Northern & Morgan—f Pruett & Hawkins—f l c Smith A T—l	BANKS Tatum T R—f
	ATHENS Allison W E—l Christopher J E—l Frost C E—l Frost J W—f Hamblin C M—c Hughes J N & Co—f l c McCracken G G—f l McWilliams A B—l c McWilliams Walter—f l Malone W W—c Osborne R H—f l c Peebles W S—f Simmons Fred A—f Smith R C—l Walker & Glaze—l c Warten L M—f	ATMORE Goldsmith E F—f Jones & Curtis—f McMurphy & Roberts—f	BAY MINETTE Ertzinger Jno A—f l Ertzinger O H—f l Lowery J S—l Mix J P—f Stapleton Wm D—f l Windham J D—c
	BEATRICE Sawyer Wm R—f c	ATTALLA Babbitt Mrs N W—f Bruce R P—f Guest S W—f c Johnson J E—f l Vann N W—f l c	BELLAMY Gulley E C—f Hale R E—l
	BENTON Dudley Jack—f l c	AUBURN Anderson James T—c Burton Robert W—f c Burton Lucile—f Martin Wm D—f l c	BERRY Conwell & Karrh—f Shepherd J W—f
	BESSEMER Brooks Jno W—l Cabaniss M H—c Callaway G G—l Cheek P V—l		

ALA.—Birmingham, Con.

Going Jas A Real Estate & Ins Co—f
 Gorham J A Ins Agency—l c
 Hackney W H—l
 Hamilton G C—l
 Hard J H—l c
 Hatton H B—l
 Harper & Co J M—f c
 Haver J L—l
 Hawkins J F—l
 Heineke J H—f
 Henderson M S—f c
 Hiden H—f c
 Hogue & Friedman—l
 Howard T D—l
 Jemison-Seibles Insurance Agency—f l c
 Kidd P C—c
 Klotz-Simon—f
 Leavel M—l
 Lee Robt—l
 Leedy W B—f
 Lester & Fain—f
 Lewis R C—l
 Lowman Smith—l
 Luckett R W—c
 McAllister G J—l
 McCarty T R—l
 McDavid, Meyer, Goldman & Terry—f c
 McGeever Ins Agency—f l c
 Manly R F & Co—f c
 Messer Real Est & Ins Co—f c
 Molton Realty Co—f c
 Moore Ed—f c
 Moseley J B—l
 Moseley, Henderson & Davis—f
 Obear & Son G S—f c
 Palmer J T—l
 Parker H E—l
 Rade W C—f
 Ratliff & Cox—l
 Ricks A C—f l c
 Sessions W L & W L Jr—l
 Sibley G T—l
 Shorter H R—l
 Smith A D & Sons—f l u
 Smith John G & Co—f c
 Smith, Mudd & Throckmorton—f c
 Tucker J D—l
 Whatley & Whatley—f l c
 Wood R H—l c
 Yancy J L Real Estate & Ins Co—f
 Young D G—l

BLACK

Blauk P C & A B—f

BLOCKTON

Huey B M—l

BLOUNT SPRINGS

Birch A P—f

BLOUNTSVILLE

Simms R B—f l c

BOAZ

Barrett J B—f
 Harrison G E—f
 Looney E M—f
 Snead & Caddell—f
 Whitman Edward F—f
 Willoughby John W—l

BOLIGEE

Brugh G P—l
 Johnson W D Jr—f l

BRANTLEY

Brannen J N & Son—f
 Horn Jas W—f l
 Stephenson & Rainer—f

BREWTON

Brewton General Agency—f l c
 Crum J S—f
 Harold Geo O—f
 Hayes D B—f
 Luttrell O F—f c
 Rankin C R—l

BRIDGEPORT

Jones C G—l
 Jones C G & Co—f c
 Scarbrough & Troxell—f l
 Sentell A J—f l
 Weatherly Carl H—f

BROWNSBORO

Johnston W C—l

BRUNDIGE

Boyd Benj H—f
 Butler E A—f
 Gilmore W G—f
 Hightower Jas F—f
 Ramage J T—f

BUTLER

Liddell C B—f
 McGowan G E—c

CALERA

Boyd S W—f c
 Jennings S J—f l c
 Parker T B—l
 Wade Chas W—f

CALHOUN

Bell N J—f

CAMDEN

Berry E W & Co—f l c
 Godbold N D—c
 Lawler J T—f l
 Miller, Bonner & Miller—c
 Neville R H—l
 Weaver O C—l

CAMP HILL

Chester O J—f
 Henderson & Johnson—f
 Newell Carl—f l c
 Pinnell B C—f
 Rogers J H—f c
 Weed John H—f

CARBON HILL

McLaughlin O L—f
 Shaw Geo W—f
 Sides J Sam—f l c

CARROLLTON

Curry M B—f c
 Dabbs A H—f
 Elliott R E—l
 Hodge J F—l
 Skinner R E—c

CASTLEBERRY

Thurmond J W—f l

CATHERINE

Morris E E—l

CEDAR BLUFF

Lasseter T L—f

CENTER

Appleton G K—l
 Brock I L—c
 Cobb L J—f

Ingram R B—f l c
 Johnson E S—f l c
 Webb Joe M—l
 White E R—l

CENTERVILLE

Belcher A N—f l c
 Fuller N C—f
 Jones H H—f l c
 Kennedy John P—f

CHAPMAN

McCreary R J—l

CHATOM

Granade Jas N—f c
 Smith M L—c

CHEROKEE

Richeson W H—f l

CHILDERSBURG

Alford B A—f
 Box & Casper—f l
 Butt & Tate—f
 Limbaugh W J—f l

CITRONELLE

Bradley E G—f l c
 De Long Adrian—f c
 Herbel E H—l
 Lynch J S—f
 Thomas Chas W—f

CLANTON

Mullins C R—f l c
 Mullins J R—f
 Pinukard E M—f
 Thomas John A—f
 Van Derveer J P—f l c
 Wilson P D—f

CLAYTON

Dowling S H—f
 Herlong C S—f
 Pruett O B—f
 Robertson Wm H Jr—f
 Sammons J D—f

CLEVELAND

Wittmeier J S—c

CLIO

Dillard A C—f l c
 Hunt Geo W—f l c
 McLain A L—l
 Mizell J T—l
 Stephens & Reynolds—f c
 Teal A D—f

COATOPA

Hord J C—l
 Scales T W—c

COCHRANE

Baldwin Edwin—f
 Bentley R E—f l

COFFEE SPRINGS

Anderson M F—f
 Lawson J P—f
 Smith J H—f

COLLINSVILLE

Brindley Virgil M—f
 Chumley T M—l
 Gibson C M—f
 Marsh Wm H—f l c
 Wilbanks W A—f

COLUMBIA

Deese J M—f l c
 Oakley Karl L—f

COLUMBIANA

Chapman W E—l
 Davis W F—f
 Longshore A P Jr—f
 Mason Geo E—l c
 Miles John E—f
 Polk Wm M—f l
 Weaver T J—f
 White J R—f c

COMER

Houston J L—f
 McKinnon N A—l
 May E B—f

CORDOVA

Barton C L—l
 Cordova R E & Ins. Co—f c
 Miller J D—f
 Tervin B T—l

COTTONWOOD

Bryan H L—f

COURTLAND

Ashford T B—f l c
 Chardavoyne E V—f
 Gilchrist G M—f
 Harris Frank S—l
 Rebmam Andrew F Jr—f

CUBA

Corn J F—l
 Lewis A C—c
 Vaughan Thos O—f l
 Ward Sidney C—f

CULLMAN

Buchanan J J—f
 Buchanan Fred J—f c
 Fuller Asa B—f
 Green S H—f
 Hanlin G W—l
 McKoy D O—f l
 Richard Wm—f
 Robertson M—f
 Shannon John A—f l c
 Smith H C—f l c

DADEVILLE

Berkstresser H E—f l c
 Corprew C M—f
 Dowdville G C—f
 Garrett H O—f
 Oliver W H—f
 Salmos F A—f

DALEVILLE

Campbell A J—l
 Wells L E—f

DECATUR

Dix T M—f l c
 Edmundson W B—l c
 Hall W N—f l c
 Hanson A T—f
 Hendrix Clyde—f l c
 Lampkin A B—f c
 Pride T E—f l c

DEMOPOLIS

Breitling G T—f
 Demopolis Ins. Aguy—f l
 Meriwether J B—f l
 Morris Leon—f
 Norwood J D—f
 Prout W S—f l c
 Selby S E—f c
 Shaban J A—f
 Simon Harry—f l
 Webb J C—f
 Welch W H—f

DORA

Jones C I—f

DOTHAN Clark R C—f c Dothan Ins. Agcy—f c Gaines B L—f Garner A E—f l c Wise J E—f l c DOUBLE SPRINGS McVay Z—f c Walker Wm A—f l DOZIER Merrill & Payne—f DREWERY Riley L R—f EAST LAKE Daniel Arthur S—f ELECTRIC Edwards O P—f Holloway Jos F—f c Johnson J M—f l c EDWARDSVILLE Vann C H—f ELBA Barker W L—f Powell & Co—f c Rainer & Amos—f ELKMONT Todd Ashford—f EMPIRE Rowe O H—f Walker B B—f ENSLEY Allen A H—f Averyt E W—f Bridges W L—f Camp Thos S—f Cole & Mason Realty Co Inc—f Craighead R A—f Dixon Chas E—f Dupuy-Burke Realty Co Inc—f Ensley City Realty Co—f Eubank & Bell—f c General Realty Co—f King S C—f Pegram & Meade—f c Perkins J H—f c Ricks A C—f c Walker J J—f ENTERPRISE Arrington & Byrd—f Carlisle Geo W—f Dowling J T—f Hanks J P—f Hanks J W—f Leatherman R E—f l McGilvray W A—f l Southern Ins Agency—f l c Wilson P L—f l EPPE Smith S E—f Smith Thos Long—f c EQUALITY Jones R V—f l EUFULA Behrs T C—f l Brown & Comer—f c Connor E T—f Dean L Y & Son—f c Dean L Y Jr—f Dent E Y—f c	Dent G H—f Eufaula Ins Agency—f Guice I F—f l c Kendall J M—f Long E T—f Rose W F—f Sparks H C—f Sparks T A—f EUTAW Barnes B B—f l Coleman James C Jr—f l Luius J C—f l Meriwether W J—f l Sanderson E—f l Smith J K—f Ward & Dunlop—f Wilson E—f c EVERGREEN Betts B L—f c Cunningham A—f Wright John D—f FAIRHOPE Albright P Y—f FALCO Padgett W C—f Worl L P—f FALKVILLE Barber John L—f Drinkard E L—f l c Hunter F B—f Leeman C A—f FAUNSDALE Bailey E M—f McKee Geo H—f McKee Hilton—f Pruitt Isaac P—f Stollenwerck Siddons—f l c FAYETTE Beasley & Wright—c Brotherton Manie—f Gullette Geo H—f Hinson R A—f c Lawley I G—f McNeill Walter S—c Peters Robt F—f Thomason E E—f c Williams H M—f FLOMATON Backes F M—f Drury R W—f Jones D C—f Vaughan W J—f FLORALA Croley J F—f French Robt A—f Lee Owen F—f McCall T J—f McLauchlin W C—f Southern Inv Co—f Williams S H—f FLORENCE Barker M F—f Campbell W M & Son—f f l c Carter M J & Co—f l c Gilbert H C—f l Gordon, Miss Fannie W—f Jackson Ins. & Real Est. Agcy—f l c Robinson Jas S—f Simpson & Johnson—f l c Weeden J D & Co—f l c FOLEY Coenen H J—f Sebastian J F—f	FORT DEPOSIT Brooks Chas E—f Davis W J—f Jordan I N—f Stevens W L—f l Weaver Mrs C W—f FORT PAYNE Hale P C—f Horsan J B—f Sawyer Chas M T—f l c FRUITDALE Gilmer H C—f l c Hancock Bradley Jr—f l c FRUITHURST Black S L B—f GADSDEN Christopher T S—f c Etowah Realty Co—f l c Grambling C H—f l c Harden J H—f Hughes Z B—f Jackson H S—f l c Johnson W P—f c La Fevre & Jordan—f l c McDuffie J P—f Mize A J—f Myers H B—f l c Russell Realty Co—f l c Sewall N H—f l c Worthington M W—f Tingh J B—f GAINESVILLE Lee Mrs Margaret Snow—f l GANTT Edwards John A Jr—f GASTONBURG Goode R J & R J Jr—f l GEIGER Garner J O—f Waller Geo—f l Waller W L—f GENEVA Droughton & Riley—f Johnston J J Jr—f Justice J G—f Laird F J—f Vaughan D O—f l c GEORGIANA Bishop W P—f l c Black Ulay W—f Holloway W H—f Taylor Miss M Scott—f GIRARD Bland J T & Co—f Moses I I & Co—f Mullins C L & Co—f O'Grady J—f Williams C F—f GLENWOOD Willis H C—f GOODWATER Arnold & Bentley—f l c Gilliland & Shaw—f Vaughan Pierce—f GORDO Moore J Ralph—f c GOSHEN Howard C S—f l	GRAND BAY Casper Frank Jr—f GREENSBORO Apsey John G Jr—f Evans H H—f l c Lawson A—f c Love Mrs M T—f Nabors Ira—f Waller Ins Agency—f l c GREENVILLE Hawkins Bros—f l McGehee J A—f Metcalfe A W—f Powell J B Jr—c Smith & Powell—f c Stabler M M—f Stewart R G—f Steinhart A—f Tatum & Co—f Wilson J H & Co—f c GROVE HILL Bedsale Travis J—f Gordon W H—f c Malone L N—c Tucker Q W—c GUIN Hallmark Gus—f Wright Robt R—f c GUNTERSVILLE Deck F S—f Gilbreath Alex—f Long L S—f c Rayburn Wm C—f c Roden Wm E—f Zetter Gordon B—f GURLEY O'Neal H G—f Shoemaker E B—f HACKLEBURG Freeman A C—f Frost W A—f l HALEYVILLE Cleere Wm H—f Haley J H—c Smith B H—f Walker W A—f l HAMILTON Springer W I—f l White V R—f c HANCEVILLE Waldrop L J—f HARTFORD Collins J F—f Fulford J D—f Harrison & Wilkerson—f l c Hatcher A J—f McGee V G—f Metcalfe Peter M—f c HARTSELLE Howell A P—f Kimbrough P G—f McDaniel T A—f McCluskey James G—f Patterson G E—f Polytinsky A—f Simpson Miss E M—f Stephenson Arthur—f HAYNEVILLE Garrett Mrs W M Jr—f Reese J D Jr—f Varner Robt L—f
--	--	--	---

ALA.—Con.**HEADLAND**

Espay & West—f
Kelly S O—l
Solomon & Oates—f

HELENA

Ruffin J D—f

HEFLIN

Groover J L—f
Morgan Robt J—f
Owens L A—f
Porter W G—f c
Stephens J B—f c

HILLSBORO

Odom E D—f
Wolfe E S—l
Woodall W T—f l

HODGES

Wood C M—f

HORTON

Pledger D A—l

HUNTSVILLE

Cruse-White Ins Agcy—f
Cooper J E—f
Davis-Hutton & Newman—f l c
Goforth I H—f l c
Jones J T—f l
Jones Myra E & Co—f l c
Lilly Jas H—f l
McCullough-H M—l
Moore A J—l
Murphree Ins Agency—f l c
Newson A W—f l
Weeden R P—f l

HURTSBORO

Davis Henry—f
Herrin H M—f
Walker G P—f
Williams S B—f l

IRONTON

Davis Jack R—l

JACKSON

Boyles & Goode—f
Cannady W P—f
Clarke Wm W—f
Davis J W—l

JACKSON'S GAP

Harrison W Y—f

JACKSONVILLE

Denman B H—f l
Harris W J & Co—f
Montgomery H H—f
Treadway R L—l
Weaver W W—f

JAMES

Cartledge Lee E—f l

JASPER

Argo R D—l
Craig & Long—f l c
Central Real Est & Ins Co—f
Cranford H W—f
Inman Walter—f
Stephenson J Burt—l c
West Ala Real Estate & Ins Co—f

JEFFERSON

Allen J G—l

JEMISON

Patten Jno Jr—f l

KENNEDY

Clardy W F—l c
Kennedy J T—f

LAFAYETTE

Andrews John G—f
Bosworth W E—f l c
Germany Robt C—f
Schuessler H M—f
Siler Q P—f l
Tucker J A—f

LANETT

Gauntt J T—l
Huguley W G—f l
Lanier J S—f
Lanier Philip—f c
Lanier & Co—f c
Shafer W G—l

LANGDALE

Adair John D—l
Stanley R K—l
Stanfield R C—l

LAPINE

Mitchell S M—f l

LARKINVILLE

Grantham E G—f l

LEEDS

Perdue E R—f
Roberts G T—f

LEIGHTON

Christian E—f l c
Hill Geo H—f
King F R—l
Lile John M—f
Lile Thomas—f l
Lindsey J A—f

LEWISBURG

Caldwell Henry M—l

LINCOLN

Acker E D—l

LINDEN

Kirven Garland—f
Miller Geo O—l

LINEVILLE

Bruce John S—f c
Carpenter W E—f
Eppes M M—f
Ingram John H—f
McCain John S—f l
Mathews T O—f
Smith C E—f

LIVINGSTON

Allen C S—l
Coleman W H—f
Fluker L S—f l
Gulley Miss Bessie—f
Mellen H L—f
Mitchell J A—f
Nichols Wm S—f c
Parker J L—f
Pickens W K—f l
Tarrt T M—f
Watson I S—l

LOCKHART

Kinsaul W W—l

LOOCHOPAKA

Finley S J—f

LOUISVILLE

Blair Jas H—f
Grant James P—f
McEachern T M—f l
Pinkston J E—f

LUVERNE

Bishop E O—f l c
Ruff & Revel—f l c
Watts & Middlebrooks, f l

McSHAN

Pratt C E—l

McKENZIE

Black W W—f
Brown W E—c
Espy E D—f
Lee G B—c
Lee J D—l
Sowell C E—c

MADISON

Madison Land & Trust Co—f

MAGNOLIA SPRINGS

Doughty Walter—f

MAPLESVILLE

Gerald Guy H—f l c
Nix H M—f
Williams Jas H—f l

MARBURY

Russell Chas R—f

MARION

Armstrong A F & Co—f l c
Howze H Y & Co—f
Johnson C C—c
Lovelace W H—f
Moore J M & Co—f
Robinson E T—l

MARION JUNCTION

Donald J M—f
Hopper Hugh—f
Mason B E—f c

MARVEL

Tucker J K—l

MIDLAND CITY

Adams J O—l
Adams T M—l
Beverett A J—f l
Espy Curtis—f
Palmer & Palmer—f

MIDWAY

Alley J L—f

MILLPORT

Browne Garfield—f c
Windham R V—f

MINTER

Allison B L—f
Wade W R—l

MOBILE

Adams R F—f l c
Backes F M—f l c
Bolling Mrs R H & Co—f
Brown Adolph—f l c
Burch & Vandiver—l
Butt & Maddox—l c
Coffee C C—l c
Costelle & Doyle—f
Dix L D—l
Duggan & Taylor—f
DuMont & Croom—f l c
Eberlein Geo—f
Espalla Jos Jr & Co—f l c
Fearn Geo & Son—f
Forchheimer S F—f l c
Foreman & Meador—f
Garland Chas A—l
Glennon Jas K & Co—f

Goodbrad T O—l
Gordon F C—f l
Hamilton H C—f
Herman & Hynde—f l c
Herrin W B—l
Leinkauf H W—f l
Lewis Jas A & Co—f
Lockwood H A—f
Lowenstein H C—f c
Macartney, Schley & Boone—f l c
Marshall V H—l
Maury & Unruh—f
McHugh & Groom—f c
Morrill & Lyons—f c
Moas C W—l c
Nelson John—f
Norville Bros—f c
Page & Jones—f
Roche Thos—f
Sage, Burgett & Yuille—f
Savage L W—f l
Scheibel Jno W & Co—f
Schwartz & Morris—f l c
Shearer & Marshall R'ty Co Inc—f l c
Straus Alex W—f
Strauss & King—f l c
Tapia Jos R—l
Thames & Batre—f l c
Threefoot G W—l
Vandiver H T—l
Veend Bros—f
Vickers Nicholas L—f
Wilson W K P & Son—f l c
Zacharias Lawrence—l c
Zimmern L—l

MONROEVILLE

Barnett, Russell & Co—f
Coxwell J M—c
Coxwell R L—c
Russell Thos W—l

MONTEVALLO

Ellis J F—l
Kroel P J—f
Nabors Lewis A—f
Reynolds J M—f
Rogan F W—f

MONTGOMERY

Branch E G—l
Branch & Powell—l
Brown W C—l
Capitol Realty & Securities Co—f
Chambliss J A & Bro—f
Charles T T & Co—f l c
Copeland & Dale—l
Douglass Hartwell—f
Dowdell & Joseph—f
Fowler Ed C—f l c
Galloway Realty Co—f
Gay John F—f
Gunter C P—f c
Hawke J—l
Holt N B & Co—f l c
Holt W C—f
Kelly J W—f
Kohn F M & Son—f
Laseter & Miles—l
Martin L W—f
Meyer E J—l
Meyer E J Jr—l
Meyer, Baum & Teasley—f l c
Montgomery Bank & Tr Co—f l
Moore W H—f c
Moritz Chas F—f l c
Nelson & Holt—f
Norton J H—l c
Pepperman Maxie D—f l c
Powell & Co—l
Putnam Percy—f
Ray & Pierce—f
Roberts J T & Son—f
Saffold W A—f c

Smith J W—c
Southern Realty Co—f c
Stuart Hugh—f
Sweatt & Duakin—f
Terry John W—l
Thomas G A & Co—f c
Tilley J P—l
Tyson A L & L W—f c
Tyson A P Jr—f
Vandiver H F—f l
Warren E H E—f
Weil B J & Co—l c
Westcott S H—f
Wilson C W—l
Wood R T—l

MORTIMER

Ellison S K—f l

MOULTON

Cropper L B—f l c
Judy & Kirby—f

MOUNDVILLE

Holman R C—c

MOUNTAIN CREEK

Maddox J W—l
Mullins J R—c
Thornton E L—f

NEWBERN

Brown John F—f
Hardenburg Gordon—l
True M B—l c
Tubbs W R—f
Walshall T A Jr—f

NEW BROCTON

Adams R C—f
Jones J E—f
McKinnon Arch—l
Whittaker W W—f

NEW DECATUR

Allison E H—f l c
Bibb W A & Son—f
Cain & Wolcott—f l
Com Ins Agency—f
Patterson John—f
Penney & Whitman—f c
Wyatt & Son—f l

NEW HOPE.

Irvine M F—f

NEW MARKET

Coleman & Rodgers—f
Rodgers W W—c

NEWTON

Helms J F—f
Poyner Benj P—f
Tate A W—l

NEWVILLE

Capps J W—f c
Kirkland Edw E—f
Price H C—f c
Whiddon John W—f

NORTH BIRMINGHAM

Bains H L—f
Berry J H—f
Cargile C I—c
Tarrant Realty Co—f
Yielding J M—f

NORTHPORT

Bell C P—f
Hayes A Y—f

NOTASULGA

Bridges & Hope—f
Brooks W W—f
Burns S H—l
Hope A B—f l

OAK HILL

McWilliams E T—l

OAKMAN

Conwel Joe D—f l c

ODENVILLE

Cook W P—l

ONEONTA

Blount County Realty Co
Inc—f l c
Fendley-Hagood Co—f l c
Fendley A A—f
Ginger R W—f l c
Hearn Floyad A—f
Huffstutler C—f l c
Russell T B—f

OPELIKA

Andrews W T—f
Clower T H & Son—f l c
Coggins R B—l c
Darnell Walter J—c
Dean Brothers—f l c
Jones John Allen—f l c
Moon John L—f l c
Smith & Ingram—f l c

OPP

Kelly E E & Lawrence
f
Mizell Chas W—f c
Searcy W O—f
Stanley C W—f

OXFORD

Cooper D C & Co—f c
Hall John H—f l
Harrison Arthur—l
Leigh Frank—f l

OZARK

Andrews R W—f
Anglin J A—l
Bryans H G—l
Corbitt J W—f c
Deese F O—l
Dowling H O—f
Dowling J R—f
Levy J K—c
Marley L E—l
Martin E D—l
Riley Sessions & Martin
—f c

Seay H N—f
Smith J F—f
Ward Sterling—l

PAINT ROCK

Barclay C E—f l

PELL CITY

Martin U C—f
Smith H L—f
Starnes W A—c
Tilton McLane Jr—f c

PERFIDO BEACH

Hatch Fred M—l

PHIL CAMPBELL

Allen L M—f
Shelby John—f

PHOENIX

Amerson G F—l
Bass C M—f
Bland A C—l
Bryant W S—l
Howard Jno C—l
Jones J L—l
Moses I I—f
Mullin C L—f
O'Grady Jas—f
Sudduth J B—l
Sullivan H S—l
Summersgill Jno—f

Williams C F—f
Williams C W—l
Wood Clarence—l

PINCKARD

Borland & Pippin—f

PINEAPPLE

Davidson Paul—c
Matheson J A—f l c
Melton Geo C—f c

PITTSVIEW

Burns E R—f
Howard W C—l

PLANTERSVILLE

Chambers H W—f l c
Lawrence W H—f c

POLLARD

Curtis Fred—f l c
Walker Geo S—f

POWDERLY

Pettyjohn L G—f c

PRATT CITY

Donaldson Geo W—f c

PRATTVILLE

Alexander P E—f
Ballard Eugene—c
Cherry B F—l c
Gibson H E—f c
Graham M A—f c
Lewis J Harvey—f l
Northington Allen—f
Patterson F F—f
Smith Wm M—f l c

RAGLAND

Du Bois J C Jr & Co—f c
Floyd M R—f

RANDOLPH

Pratt W C—l

RED BAY

Hackett A J—f c

RED LEVEL

Costen T M—f
Henley D O—f
Law D J—f

REFORM

Pooley Roy M—f l
Staub E J—f
Staub A J Jr—f

REPTON

Gaston L C—f
Jackson C H—l
Kelly Chas S—f c

ROANOKE

Brannon A S—l
Cauthen H H—f
Mann W J—f
Nichols F P—f l c
Pogget J S—l
Taylor R E—f c

ROBERTSDALE

Glendinning L—f l c
McIntosh Wm—f

ROCKFORD

McEwen T K—f c

ROCK RUN

Garvin D J—f

RUSSELLVILLE

Dearing W A—f
Ezell John T—f
Gavin Foster—c
Horton H H—f c
Hurst W C—f
Jones H D—c
Key Wm H—c
Quinn Y M—c
Robinson & Co—f c

RUTHERFORD

Carlisle J A—f
Carlisle L A—f

SAGINAW

McLane J F—f

SALITPA

Doyle C E—l
Molton W N—l
White J T—l c

SAMSON

Anderson M F—f c
Brock C C—f
Morris W N—f

SCOTTSBORO

Brown L E—c
Freeman J R—f
Gay Jno W—f c
Hackworth O C—f l
Hurt J H—f l c
Jacobson H G—f
Jones & Gay—f c
Larkin W R—l
Padgett J D—f

SEARLE

Holland Rufus H—c
Jennings B G—f
Lancaster E A—l

SELMA

Bibb B S—f
Bloch W I—f
Calhoun M L—f l c
Cater F A—f
Crisman W O—l c
Dunklin J H—f c
Ellis J B Co—l
Ellis Investment & Ins
Co—f l c
Fahnestock A A—l c
Fowlkes S A & Co—f c
Graham Edw—f
Hendricks O M—f l c
Houston & Monk—f
Isaacson & Marks—f
Mabry Securities Co—f c
Macon E C—f l c
Milhouse F L—f
Paisley John B—f l
Parrish J P—f
Poulsen O C—f
Raiford F T—l
Seymour J M—l
Shelly H I—l
Smith Julian—f
Thalheimer L—f l c
Vaughan H A—f l c
Waller & Froese—f l c
Woolsey's Sons—f
Yaretzky I & Co—f

SHAWMUT

Lanier Phillip—f

SHEFFIELD

Coleman J R—f l c
Habbeler W H—f
Lagomarsino J B—f
Robertson E A—f l c
Sadler W H—f

SHORTERS

Pinkston J C—f
Williams Wm P—l

ALA.—Con.**SLOCOMB**

Hawk Miss Lylla—l
Henderson D E—l
McGee J W—l
McGee S D—f
Smith Perry F—f c
White J T—l

SNOW HILL

Simpson W G—f

SPRINGVILLE

Allison Chas W—f
Byers & Coupland—f
Forman M W—f

STANDING ROCK

Hines & Varnedoe—f

STEELE

Sprague C G—f l c

STEVENSON

Mann E K—f l
Schultz Paul G—f l c
Woodall J A—f

SULLIGENT

Dunn J T—f
Metcalf John E—f
White J L—f
Young & White—f

SYLACAUGA

Jordan J Edw—f l c
McDonald & Co—f l
Partridge E R—f
Stockley H K—f
Wilson Grace—f l

TALLADEGA

Barton J I—l
Bowie J O—f
Boynton Ivey & Lane
Ins Agency—f
Hall Alonzo—f
Jones W V—l
Landham W M—l
McCargo M G—f l
Puckett Thos S—l
Robinson O E—l
Talladega Ins & Invest-
ment Co—f l c
Thornton Wm T—f c

TALLASSEE

Bailey H K—l c
Barnes Wm F—c
Caldwell J R—l
Hayes R H—f l c
Holloway H S—f
Jarman J T—f

Patterson Geo D—f
Wraad Jos D—f
Weston W M—f c

THOMASTON

Miller John J—l
Thomas & Anderson—f

THOMASVILLE

Boyles J V—f l c
Tucker & Cunningham—f
Tyson T H—l

THORSBY

Crumpton M C—f
Edler W—f c
Parnell W M—f

TOINETTE

Scott Chas C—l

TOWN CREEK

Almon H G—f
Houston J N—f
Sanderson S E—c

TROY

Allred J S—l
Ballard H W—l
Ballard T I—l
Barr R J & Co—f l c
Bashinsky & Co—f
Bowers John W—f c
Boyd Mrs Bethie—f l c
Folmar W B—f l c
Greene J F—l
Hill T E & Son—f l
Jones Dock—f c
Knox J B—f l
Pennington F M—f l c
South Alabama Land &
Improvement Co—f
Talbot B M & Co—f
White C F—f l

TUSCALOOSA

Alford J G—c
Brown & Ward—c
Eddins Ben F—f
Fitts W F—f l c
Green I—f c
Hansford J B—f l c
Harrison J I & M G—f
Leach E F—l
Mize A F—l
Mize J H—f l c
Moody Frank M—f l c
Morgan W M—l c
Morris Chas—f l c
Park O K—f l
Peterson E P—l
Smith Walter—f
Turner J O—f l c
Turner & Friedman—f l
Upchurch W C—l

TUSCUMBIA

Almon E B—c
Brealer A—c
Carter J C—f l c
Clarke O B—f c
Delony Jno E Jr—f
Funks John—f l
Halsey E O—f
Isbell J E—f c
Johnson Jno W—f
Jones & Spraggins—f
Julian O N—f l
Rand H A—f l
Sherrrod John—f l
Simpson T F—f l
Thornton Mrs L B—f

TUSKEGEE

Cobb Wm P—f c
Drakeford John H—f l c
Harris J M—l
Lewis O S—c
Powell R H—l c
Riley W B—f l
Wright Geo C—f c

UNION SPRINGS

Edwards & Foster—f
Eley Bros—f
Flewellen Jas T—f c
Franklin J K—f l c
Harris H C—l
Norman J T—f
Oliver A W—f
Powell B P—l
Rainer & Russell—f
Rainer J H Jr—f c
West R W—f

UNIONTOWN

Atwater A W & W A—c
Brown & Monnier—f
Johnston G B & Co—f
l c
Langhorne W Henry—f
Lapsley W W—f
Robertson J A—f
Underwood G W—c

VERNON

Kennedy S G—f

VINA

Weatherford H H—c

VINCENT

Jennings M A—l
Pitts G C—l
Tucker A W—f l
Waite D W—f c

VINEGAR BEND

O'Dom Mabry—f l

WADLEY

Nichols & Hodge—f
Schuessler F R—f

WARRIOR

Burleson D D—f c
Davidson T M—f

WAVERLY

Dowson L H—f
Mayberry Chas—f
Webb John O—f

WEDOWEE

Ballew I L—f
Kerr J H—f

WEST BLOCKTON

McCreary C M—f
Young W R—f c

WEST END

Chamblee J T—f
Hamilton J H—f
Hard J H—f
Mackey A B—f
Oliver, Shearer & Ro-
buck—f

WETUMPKA

Gaddis Bros—f l c
Hohenberg A—l
Holley J M—f
Lancaster W L—f
Lull Cabot—f
Lull F W—f c
McCastry F B—c
Macon T L—f
Tate F Loyd—c
Wall O C—f l

WILSONVILLE

Epperson W L—l
Parker P H—f
Pope Wm H—f
Weldon R G—f

WINFIELD

Stalcup J G—f

WOODLAWN

Hemphill R C—f
Hewes E C—f

WYLAM

Wylam Merc Co—f
Syx W J—f

YORK

Avant C W F—l c
Hill Ben R—f
Weldon Jos C—f l c
Wood J F—f
Ziegler F H—f

ARIZONA**ASH FORK**

Ash Fork Merc Co—f c
Lewis Cooper T—f

BENSON

Bank of Benson—f c
Maier B & Co—f
Merrill Doane—f
Merrill H P—f
Shilliam W—f c
Titus Mary E—f
Walker Henry—f

BISBEE

Arizon Ins Agency—f
l c

Hughes T A—f l c
Haigler Gus—f
Hagan & Seed—f
McGregor John—l
Overcock L J—f

BOUSE

Worley Merc Co—f

BOWIE

Jaque J. H—f
Jaque Simon F—f l c
Simon Morris—f

BUCKEYE

Clanton D P—l
Watson H M—f

CASA GRANDE

Bennett Chas F—f
Casa Grande Land Co—f
Randle W D—f

CLIFTON

Danenbauer Matt—f l c
Hampton J R & Co—f l c
Kerby Jas H & Co—f l c
Lloyd David—l c
Smith J & A—f l c
Tyler C E—f l c

CONCHO

Candelaria A B—f
Candelaria M A—f

**CONGRESS JUNC-
TION**

Zinck Robert E—f

DOUGLAS

Badger S S—f l c
Butler C L—l
Dixon W S—f c
Dugan H E—f c
Ellis Chas O—f
Gibson R D—l
Hood J T—f
McNair W P—l
Noble H H—c
Pirtle E R & Co—f c
Soto Y—l
Speed J B—f l c
Windham W W—c

DUNCAN Billingsley B F—f Evans John—f c Watters J L T—f c	MARICOPA Smith D H—l c	Moore Fred W—f Moore-Kennedy Co—f Monahan R J—f c Morath C W—f Morford N A—f Pascoe E E—f Phoenix Ins Agency—f Phoenix Inv Co, f Phoenix Savings Bank & Tr Co—f c Phoenix Tr Co—f Prince & Tuttle—f Reed J C—f Ruggles & Co—f Southwestern Bldg & Inv Co—f Stewart & Fields—f Thomas H C—f Thomas R E & Inv Co—f Union Realty Co—f Walker W E—f Walker Realty Co—f Westberg J F—f	SUPERIOR Kellner E F Jr—f Neary John J—f
FAIR BANK Hency Beni—f	MAYER Frazer W A—f		TEMPE Crook & Pofford—f Gage Geo N & Co—f Joice & Mocur—f l Peters A F & Co—f Winds R A—f l Woolf Chas—f
FLAGSTAFF Arizona Central Bank—t Bikker A W Jr—c Dawson C D—f l Spillmire & Griffin—f The Citizens Bank—f	MESA Arizona Land Co—f Beach W M—f Pomeroy Edw L—f Pomeroy Talma E—l Pomeroy Realty Co—f Spangler J G—f c Wilbur Realty Co—f		THATCHER Clawson Lawrence—l Jones D Dudley—c Kimball Andrew—f Pace W W—f Snow L C—f Snow Le Roi—c
FLORENCE Pinal Bank & Trust Co—f Price W Y—f c Stevens D C—c Wells Thos F—f c	METCALF Floris J B—c Sellers Carl C—f Tyler C E—f l c		TOMBSTONE Brandt T R—c Fowler W A—f Gibson O—f Parker A F—l Woolery Bros—f
GLENDALE Bennett A W—f Cohenour & Cook—f c Hammels J G—f Hawks J W—f Messinger V E—f Walsh-Myers Produce Co—f	MIAMI Miami Investment Co—f		TUCSON Brown H G—f Donau Alfred S & Co—f Franklin & Heighen—f l c Hofman Ed—f Hughes Samuel—f Mayes John W—f l c Merchants Bank & Trust Co—f c Meyers Geo P—f Schuster T H—l Southern Ariz Bank & Trust Co—f c Triggs & Ellis—f Tucson Realty & Trust Co—f l
GLOBE Allison G M—f Comar Wm A—f c Gil County Abstract Co—f c Howard T P—f c Knowles E F—f Moore R E—l Williamson A D—l	MORENCI Clark T H—f Gila Valley Bank & Trust Co—f Tyler C E—f l c	PIMA Lines Bros—f Merrill P C—f Webb Fred—f	
GRAND CANYON Barnard Ross C—l	NOGALES Athearn & Perkins—f Budge W C—f l Grover H E—l Cummings E K—f c Curtis Bracey—c Herold O H—c Marsh Mrs Geo B—f Noon A H—f Rodriguez F F—f Williams J W—l	PRESCOTT Commercial Trust & Savings Bank—f c Hazeltine M B—f Johns A A—f Martindell, Horne & Co.—f c Merritt W H—f Moore J M W & Son—f Smith A L—l	
HAYDEN Bailey A V—f c Blake Edw M—f Nash W B—l Taylor E C—f	PALO VERDE Walton Wm—f	RAY Feland Robt F—f Nolan G O—f Porges M—l Porges & Thomas—f	WARREN Yoakum J—f
HOLBROOK Clark W H—f c Henning Lloyd C—f Larson Thorwald—c Matthews J F—f Schuster A & B—f Scorse H H—f Smith R C—f c Woods W B—l	PARKER Marsh G A—f l c	SAFFORD Andrus Geo S—f l Clayton E W—c Evans Eugene—l c Fonda Wm B—f Foote Sam—l Lathrop Wm P—f McElroy C J—c Owens Jas T—f Platt W E Ins Agency—f Solomon-Wickersham Co—f Thorpe W V—l Young R J—l Zundel Geo A—l	WENDEN Young Otis E—f
HUMBOLDT Demaine Geo—l	PATAGONIA Filckinger A W—l c		WICKENBURG Baxter R W—f Bever Fred—c Campbell L L—l Curry D J—f Curry W R—f Murphy Mary B—f
JEROME Bank of Jerome—f Gibbes H M—f Humbert A J—f Miller W C—f Wyckoff N F—f c	PHOENIX Arizona Auction & Development Co, f Arizona Inv & Land Co—f Barnhard C B—f Bennitt E J—f Berryman C S—f Boon J C & C H—f Burroughs T M—f Camp-Tannehill Co—f Capital Sav. Inv. Co—t Comstock C W—f Dunlap J T—f Fickas Wm—f c Galpin & Hart—f Ganz E—f c Garnett R F—f Geare J E—f Greene & Griffin R E & Inv. Co—f c Griffin J S—f Healy-Conrad Co—f Heard D B—f Hornung D D—f Iben & Vinson—l Irvin J L—f James W K—f c Jamison J M—f Kantz P S—l Kay Harry—f c Kiefer C W—f Kellogg Weldon Land Co—f Kinney J H—f Lutgerding G L—f McCandless W B—f Major H H—f Marshall E A, f	ST JOHNS Anderson Chas P—f Nelson F W—f c Poulsen M O—l	WILLCOX Hauser Kasper—f Kemp S N—f McCourt L V—f l c Morgan H A—f
KELVIN Henness, Giffin & Leonard—f		SAN SIMON Ebsen Geo—f Wallace A D—l Wharton C E—l	WILLIAMS Campbell J S—f Spellmire & Amundsen—f Williams State Bank—f
KINGMAN Arizona Stores Co—f Blakely Ross H—f Bonelli Geo A—f Citizens Bank—f Kingman Realty Co—f Lovin & Withers—f Tarr & McComb—f Watkins H H—f		SILVER BELL Buehman Willis H—l c Lee F H—f Pryce Wm H—f	WINKELMAN Bailey Harry S—f Ruple Wm—l
LOWELL Johnson C A—l Shilliam Ethel—f		SNOWFLAKE Smith Jos W—c Willis A T—f	WINSLOW Beck W E—f Burbage W H—f l c Burbage & Nelson—f Keyes Geo H Jr—f c Moore John C—f Spellmire & Lyons—f
		SOLOMONVILLE Graham Co Abstract Co—f Smith R W—l Solomon Com Co—f	YUMA Colman C H—f Ewing F L—f Michelson Geo—f l c Modesti A—f Sanguinetti E F—f Yuma Exchange & Realty Co—f Yuma Title Abs Co—f l c
		SPRINGVILLE Becker Gustave V—f	

ARKANSAS

ALEENE

Johnson R L—l

ALEXANDER

Blevins Geo B—l

ALICIA

Pool Chas G—l

ALMA

Black L W—f
Jones W M—f
McGehee J F—f
Richards John T—f

ALTHEIMER

Ashcroft Thos B—f
Few A P—l
Furr H L—l
Goldstein F—c
Higginbotham H G—f
Thomasson L—f

ALTUS

Adam Joe N—f c
Pendergrass Wm J—f

AMITY

Olds W H—f

ARGENTA

Argenta Real Estate &
Ins Co—f l c
Davis Thos—f l c
Gerlach Jas—f
Twin City Bank—f l c

ARKADELPHIA

Condry B F—l
Merchants & Planters
Bank—f
Daniel Jno T—l
Townsend J D—l
United Fire Insurance
Agency—f c

ARKANSAS CITY

Thane H—f l c

ASHDOWN

Bush R G—l c
Head Clyde—l
Johnson & Jarnagin—c
Marr S C—l
Toland H L—l

ATKINS

Barker J M Jr—f l c
Burris J F Jr—f
McCullum A J—f

AUGUSTA

Augusta Land & Invest
Co—f c
Bank of Augusta & T Co
Battle J G—l
Collier L N—c
Hutchins A L—l

AUSTIN

Bizzell James M—l

BALD KNOB

Best E E—f l c
Wynne Ernest B—f l

BATES

Claybrook C E—l
Ellis Groover C—l

BATESVILLE

Neill Ernest—f c
Padgett-Glenn Insurance
Agency—f l c
Paxton Thomas—f l c

BENTONVILLE

Avery—C W—l c
Benton Co Abst Co—f
Blake J T—f l c
Craig C R—f
Fishback W M—f
Peel D W—f
Tucker Abstract Co—f

BLACK ROCK

Irby A S—f
Pitts T J—f
Roe L W—f c

BRINKLEY

Bacharach S—f l c
Mitchell & Mitchell—f l c
McCreight E T—f c

CAMDEN

Benson F P—f
Brown & Powell—f c
Green D W—f
Smith Warren—f
Snow & Co—f c
Stern L M—c
Thornton T I—f

CLARENDON

Brown & Ewan—f
Graham & Vaughan—f
Graham W M—l
Hooper J W—l
Kerr J M—l

CLARKSVILLE

Clark M E—l c
Coffee H D—f l c
McKennon R H—f
Montgomery J J—f
Ragon W A—f

CONWAY

Bahner Abst Co—f l c
Dunsway J D—f l c
Durham C E—f l c
Lincoln Mrs Effie—f

DARDANELLE

Adams L C—f c
Baynham Jas—l
Collier E G—f
Farmers Bank & Trust
Co—f l c
Fowlkes W L—f
Goodier Geo—f
Hall L C—f
McCray A S—l
Nolen Max—f
Parker J M—f

DE QUEEN

De Queen Abst Co—f l c
McCown & Mallory—f l c
Smith F M—f c

DERMOTT

Dillender K—f c
Nichols H W—f
Remley Esley P—f

EUREKA SPRINGS

Bare & Swett—f l c
Fetty R H—f
Lobsoep Julius—l
Wilson Russ D—l c

FAYETTEVILLE

Cravens & Co—f l c
Dritt, W O—f
Eason & Co—f c
Guaranty Trust Co—f c
Mulholland C A—f l
Trent A L—f c
Wall E B—f
Washington County Loan
& Abstract Co—f c

FORDYCE

Adams S E—f l
Banks A B & Co—f l c
Morton M P—f l c

FORREST CITY

Izard R J—f l c
Pettus & Fogg—f l c
Taylor Knight & Co—f l c

FORT SMITH

Andrews J M—l
Arkansas Valley Trust
Co—f c
Armour C W L—f
Bailey J M—f
Boyd M P & Co—f c
Brazile R E—f
Caldwell H B—f c
Devlin John—f c
Hudson R B—f
Johnston F B Co—f l
Kennedy & Albers—f l c
Lee Froebe—l
Pearkes A L—l
McManus D—l
Smulian A A—l
Tiles Geo—l
Vaile John W—f c
Walker R S—f c
Weaver J E—l
Yadon & Dobbins—f c

GENTRY

Adams E L—c
Feemster Chas C—f
Griffin & Wasson—f
Sullivan D T—f

GURDON

Childs & Nash—f l c
Nash Bertram B—f l c
Stuart R A—f c

HAMBURG

Farmers Savings Bank &
Trust Co—f c
Garnett T W—l
Hamar W H—l
Lawrence J E—l c
Smith & Smith—f l c
Woods J R—f

HARRISON

Glass H D—f l c
Hull Hugh—f l
Poyner H G—f

HELENA

Allen E M Co—f c
Friberg A—l
Friberg G H & Son—f c
Guaranty Loan & Trust
Co—f c
Meyers Aaron & Son—
f c
Meyers Jos. C—l
Walker Abstract & Real-
ty Co—f c

HOPE

Hempstead County Ins
Agency—f l c
Roebuck & Anderson—f
l c
Spragins & White—f l c

HOT SPRINGS

Arkansas Trust Co—f c
Avery J H—f
Cook R T—l
Dodson In. Agency—f l c
Goodwin F J—c
Kempner Ike—f l c
Little W J Ins Agency
—f c
McCallan T J—l
Taylor Harrison—l c
Wootten & Rector Inc—
f l c

JONESBORO

Altman T W—f
Ashabronner C D—l
Brooks G G—f
Cartwright O—f
Elder H A—l
Freeze & Cole—f
Haughton H H—l
Johnson W A—l
Jonesboro Trust Co—f c
Maywood—W A—f
Osborne P S—l
Riddle J F—l
Robertson R E—f l c
United Ins Agency—f l c

LITTLE ROCK

Adams & Boyle—f c
Arnold J D & Co—l c
Arnold Clyde C—f c
Bankers Trust Co—f c
Bay J W—f
Bilheimer J H—f l
Bohlinger Antoine—l
Bright R C—l
Bright W A—l
Browne Wm T & Co—
l c
Campbell G H—c
Central Bank & Trust Co
—f
Citizens Investment &
Security Co—f
Cotnam T T—f
England Loan & Trust
Co—f c
Evans Stephen N—l
Fowler A S—l
Fraser G P—l
German Trust Co—f c
Hatfield Frank C—f
Hollis J H—f
Hogan Joe—l
Hunter A J—f
Johnson & Cotman—f
Kirkwood & Culpepper
—f
Leigh L B & Co—f
Little Rock Trust Co—f
Long L W—l
Mason W S—f
Mercantile Trust Co—f c
Mills R H & Co—f c
Pollock M D—f
Price, Ledbetter & Mey-
ers—l
Price Joseph L—f
Ramey H H—l
Redding Sid B—l c
Rommel H L—l
Rossner & Walther—f c
Shoffner E G—l
Smith A L—l
Southern Trust Co—f c
Sugarman Victor—f
Union Trust Co—f c
Wittenberg Frank—f
Wood G B—l
Woodson John B—f
Worthen W B Co—f c

<p>LONOKE Couch W T—f c Fletcher & Son—f c Goodrum A B—l Robinson E R—l Young W H—f</p> <p>MAGNOLIA Cross W R—f l Farmers Bank & Trust Co—f Franklin Taylor—l McNeill J C—f Monroe T A—f</p> <p>MALVERN Young J E—f l c</p> <p>MARIANNA Clark E H—f Harrington Sam—l Robertson J T—f l Shorten W J—l Smith R H—l Thompson J H—c Weld-Dupuy-Mixon Co—f l c</p> <p>MENA Board R B—f Dennis, Kelly & Stratton—f MacLafferty Will S—f c Sharp E M—f l c Van Wagner Fred—f</p> <p>MONTICELLO Payne Geo C—l Todd R H—l c Wells E B—f Wood C B—f c</p> <p>MORRILTON Cozort, Stephens & Neal—f Hembre A V—f</p>	<p>Massey & Orrell—f Moose & Scroggin—f l c Rainwater & Hellums—f l</p> <p>NASHVILLE Follett J L—l Planters Bank & Trust Co—f l c Power J M—l Rodgers W C—f l</p> <p>NEWPORT Hite C R—f l c McCollum H E L—l Phillips & Ferguson—f l Sink Geo M—f l Southern Land Co—f l c</p> <p>OSCEOLA Burchfield W—f Fletcher & Ward—f l c Gaylord C H—f Moore C L Jr—f l c</p> <p>OZARK Bill W C—f c Conasta W C—f Nickall H A—f</p> <p>PARAGOULD Adams, Virgil—l Block & Co M F—f c Ford & Kitchens—f c Jarrett J C—l Lambert John J—l Landrum J V—f c McHaney Sam P—l Paragould Trust Co—f c Praison A M—l Thompson J L—l</p> <p>PINE BLUFF Cross M C—l Haycock Chas—f</p>	<p>Home Insurance Agency—f l c Knox Hunter H—l Mills Jno L—c Mills R H M & Sons—f Rogers N R—l c Rosenberg F M—l Taylor & Co—f</p> <p>ROGERS Bryant B F—f Carr & Hatcher—f c Forwood Reginald—f c Harris Lee M—f Henderson J M—f c Larimore F E—l Stevens M C—f Walker Berry E—f c</p> <p>RUSSELLVILLE Cole T C—f c Pope County Real Estate Co—f c Reed S J—l Webb J A—f c</p> <p>SEARCY Lightle J E—f Plant J Z—f c Rose & Moore—f c Sanford & Watkins—f c Yarnell T A—f</p> <p>SILAM SPRINGS Barnes J F—f Cooley C—f c De Spain C E—l Grant Wm A—l Harris T M—f Lindsay H L—f Martin L M—f Moss Bros—f Real C L—l</p>	<p>SPRINGDALE Dodson-Renner Insurance Agency—f l c</p> <p>STUTTART Brain S G—f Bruce Geo C—f c Denslow C H—f l Noble E H & Co, f l c</p> <p>TEXARKANA Hennegan & Godbold—f c Offenbauer F W & Co f l c Rose Andrew—f l c</p> <p>VAN BUREN Bryan H W—f c Cain Claud B—l Crawford County Abstract Co—f Creekmore & Hynes—f Furry W G—f c Southmayd L H—f Weaver Jno—f l c</p> <p>WALNUT RIDGE Andrews S W—f l Belote W E—f Belote & Andrews—f Blackford W T—f Bloom D—f Dowell S C—f l McCorkle & Henry—f Sloan & Erby—f Townsend Roy—f</p> <p>WYNNE Cogbill Bros—f l c East Ark Abstract & Loan Co—f l c Wynne Ins & Realty Co—f l c</p>
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CALIFORNIA

<p>ALAMEDA Adams, Charles & Co—f Alameda Land Co—f Baird Mrs T F—f Banta Chas F—f Braswell Edw—f Clark Herbert D—f Dole Norman E—l Dufour William—f Hally Frank—f Hammond & Hammond—f Hanley J S—f Judd E D Co—f Judd Thos H—f McCraith Thos—f l Mehrtens H G—f l Neville F R—f Pollard Wm H—f Rommel J A—f Shaw E M—f c Stevenson D C—l</p> <p>ALTURAS Ballard C A—f Edwards R L—f Estes A B—f French R A—f Laird R A—f l Lymp B F—f Negley J T—f Niles J E—f Towle C B—f Van Loan H—l</p> <p>ANAHEIM Anahcim Realty Co—f Bache Jos M Jr—f</p>	<p>Backs F A Jr—f Baum Frank—f Behrendt-Levy Co—f Boege Chas A—f Boyd Mrs Eva H—f Clabaugh J H—l Conklin W W—l c Dickel H A—f Evans Leonard—c Gibbs Frank N—l Grim Chas F—f c Hamler & Simpson—f Hartung John—f c Horwitz A—f l Howard J S—f l Imus L E—l Ingram R B—f Klutz B A—l c Koessel Fred—f c Kohlenberger John W—f l Phegley Ross L—l</p> <p>ANGELS CAMP Tyron & Monte Verda—f l c</p> <p>AUBURN Ekberg Peter—l Francis J M—f Huntley L—f Lukens Geo E—f Placer County Land Co—f c Prewett W J—f Reynolds A E—l Robie E T—f</p>	<p>Rodehaver I H & W W—l Stevens S M—f Wallace Mrs—l Walsh J E—f Watts S G—f Wills Agency—f l c</p> <p>BAKERSFIELD Abbott L—l Bakersfield Abst Co—f c Brockman J W—f Crites A S—f Hunt W S—f Kamprath O—f Kelly W W—f Kern County Abstract Bureau—f Mack S L—f McManus & Son—f l c Maude Helen C—f Moore R A—f Price Geo W—f Robinson F W—f Webster M E—f White E H—f</p> <p>BENICIA Clyne J—f Colman John—f Crooks W L—f l Dalton A Sr—f Dwyer Wm—f c Enos Jos—f Gnanck Gus—f Johnson G A—f Kuhland Ralph—f McConlogue John—f</p>	<p>McKay W D—f Powers M—f Prince Chas M—f l Quarney Clara—f Sanborn Joseph L—f Stevens C P—f Weinmann The F P Agency—f l c White H K—f</p> <p>BERKELEY Albel A P W—f Allen W I—f Archibald S D—l Bailey C A—f Berry R A—l Cheney & Berry—f Cooley A M—l De Graff Wm T—l Dickinson W R—f Ellis W E—f Emalie C C—f Freese N L—f Ferrier F—f Gordan E J—f Hill J M—l Hodgkin R H—l Holden Frank H—l Irwin H J—f Johnson H A—f Junk F—f Juster & Baird Lacy D B—l Langworthy R L—l Little J—f Little & Woolsey McGowan T Frank—l Mason-Duffie Co—f l c</p>
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CAL.—Berkeley, Con.

Moran W C—f
Mortimer—f
Patterson & Haskill—f
Roberts P R—f
Rudolph P R—f
Schmidt Geo—f
Skidmore Chas E—1
Taylor H W
Wyckoff S N—1
Wyckoff A C—1
Young Roy J—1

BIGGS

Alderson J—f
Bacon G K—f
Barnard W E—f
Biggs Rice & Land Co—f
Brink H S—f
Brough J M—f 1 c
Brown C N—f
Caldwell B—f
Chatfield & Smith—f
Doty W M—f
Doty, Lyman—f
Hastings J M & Co—f
Kirk T A—f
La Point Moses—f
Lashells L H—f
Loughran T F—f
Lucas Bernard—1
Markgraf F—f
Mitchell F C—f
Parker W D—f
Pearne W G—f 1 c
Samborn H B—1
Spence C C—f

BURBANK

Fischer C B—f 1 c
Duffin A E—1

CHICO

Boyd-Pearby Co—f
Bradley W L
Crew T N—f
Cussick Barney—f
Grabel A—f
Hendricks Perry—1 c
Hill & Lewis—f
Hintz Charles—1
Jones Jas H—f
Kerr W S—f
McGee John—1
McManus Mr—f
Marks J G
March J D—f 1
Reynolds E T—f
Robinson John R—f
Roper J W & Co—f
Roth H A—f
Sears & Mastersen—f
Swain C B—f
Vadney Geo—f
Wilson & Wilson—f

CHINO

Bradley E W—f
Cooke A H—f 1
Dickey W A—f
Dillon A O—f
Lefevre O L—1
McDonald D D—f 1
Snyder W H—f

COLFAX

Falconer D—f
Gillen D C—f
Haffey E W—f
Kuenzly J—f
Lobner M—f 1
Newman J M Co—f
West G E—f

COLTON

Hanna J B & Co—f 1
Johnson D—f 1 c
Smith H B—f

COLUSA

Arnold Philip—f
Barrell E C—1 c
Beckwith DeLay L—f
Blevens & Scott—f 1 c
Boedefeld L R—1
Boggs M J—f
Bowes Everett—f 1
Brooks G G & Son—f 1 c
Brown W K—f
Butler A—f 1 c
Campbell J F—f
De Jarnatt & Son J B—f c
Harrington T—f c
Hicok L L—f c
Hickok H H—f
Jackson J L—f
Jackson & Russell—f 1 c
Johnson Grover—f c
Lewis W E—1 c
Mogk John C—f 1 c
Pope A H—f
Pryor B A—f c
Pryor F B—f
Putnam H R—f
Rich J F—f c
Weyand E—f
Zumwalt I G—f

CORONA

Circle City Realty Co—f
Citizens Bank—f
French Sanger E—f
Garvey S W—f
Genereux E J—f 1 c
Gleason A V—f
Hanson N C—f
Key Bros—f 1 c
Kidder E P—1 c
Newton I A—1
Slaten Roy R—1 c
Sweet H N—f 1 c
Terpening M—f c
Veach Eliza—f
Walker Benj—f

CRESCENT CITY

Bosch Frank—f
Cutler T B—f
Hobbs Wall & Co—f
Kendall Ed—f
McNulty & Frantz—f

DIXON

Alfalfa Land Co—f
Bissell H L—c
Brown & McKinnon—f
Duke T B—f
Eames E C—f
Grady J D—c
Moss & Hall—f
Newby B F—f
Rice J H—f
Schulze O C Inc—f

DOWNIEVILLE

Case E L—f
Meyer H H—1

ELMHURST

Dugan Geo—1
Hood E J—1
Joseph Joseph C—1
Wilson B—1
Welchhoff Mr—1

EMERYVILLE

Beaudry & Brennan—f
Carey E J—f
Coburn John C—f
Colbert J F—f
Hammermith P W—1
Johnson Augustus—f 1 c
Lane Co—f
Nall Geo C—f
Scott Jos L—f
Thomson Peter A—f

EUREKA

Adams Adolph B—f
Barnum Fred—f
Belcher F—f 1
Belcher Peter—f c
Campbell S—f 1 c
Cooper & Rager—f
Everts & McIntosh—f 1
Ferrill & Palmhag—f 1
Georgeson G R—f 1 c
Haas M J—1
Girard Eugene—f c
Hasman & Abers—f 1 c
Hartson B C—f
Hinch E D—f
Hunter & Owsley—f 1
Jewett Wm H—1
Johnson A J—f
Keleher J T—f 1 c
Knudsen K—f
McGaragham Mrs B J—f
Noe & Hansen—f c
Perry Thos H—f 1 c
Phillips Chas M—1
Redwood Inv Co—f c
Ricks & Son—f
Roberts Chas H—f
Smith Co—f 1 c
Smith V A—1 c
Stern Walter E—f 1 c
Stewart & Co—f
Swanson Oscar—1
Thompson Geo—f
Ward, Perkins, Gill Co—f c
Zane Mrs J F—f c

FOLSOM CITY

Burnham J H—f c
Clemensen H—f
Cox J P—f
Foster Mrs Kate—f
Higgins Chas—f
Hyman I—f
McFarland R O—f
Miller O J—1
Rumsey W M—f
Wiley D C—f 1

FOREST

Crafts F L—f

FORT BRAGG

Andreanni I J—f
Berryhill Realty Co—f
The Nelson Realty Co—f 1 c

FRESNO

Aarestrup T H—f
Alexander Land Co—f c
Andrews Geo R—f 1 c
Balch, George—1
Billings & Mayering—f c
Bonsell C R—c
Braverman Alfred—1
Chappell & Jones—f c
Church W A—f
Conklin P M—f
Edwards Ins Agcy—f 1 c
Fisk J A—f
Fresno Realty Co—f
Frisbee A G—f
Hagopian B—1
Harner M B—f
Havner Martin B—1
Henderson J A—f
Hodgkin Geo. B—1
Jones & Luke—f c
Kahrman Wm—f
Kilby W J—f
Kirk A B & E F S—f c
Leas & Wheelock—f 1 c
Levy Bros—f c
Levy H—1
Locher F—1
Lucas L F—f c
Mattingly W T—f c
Meacham J L Co—f c
Muratini J—f c

Murray J J—f
Noble Bros—f c
Parson G G—f 1 c
Pierce-Anderson Co—f
Rahill E—f c
Reis & Ross—1
Sample C A—f
Seibert & Mattry—c
Shaw H W—f
Shepherd-Cochrane Co—f c
Smith W H—f
Stebbins & Co—f c
Sunset Realty Co—f c
Thomas-Darr Co—f c
White H F—f
Wilson G A & Son—f

FRUITVALE

Barkmeyer Henry—f
Fransden A—f
Glaze J—f
Johnson Chas J—1
Koch R W—f
Legg Chas L—f 1 c
Plietner H A—f
Potter S A & Co—f
Waterman F C—f

GILROY

Blake W F—f
Chesbro A W—f 1 c
Crawford E D & Co—f c
De Rose A—f
Fitzgerald & Co—f 1 c
Gilroy Commercial Co—f
McKinney L C—f
Moore S T & Co—f

GLENDALE

Kirk Wm B—1

GLENELLEN

Chauvet H J—f
Hardman A M—f
Lane C O—f
Levy M—f
Poppe Chas J—f

GRASS VALLEY

Argall M Henry—f
Barker C H—f
Biggs Elain—f
Grenfell C B—f 1 c
Harris W D—f
Hicks John
Jenkins C W
Nevada County Bank—f

GREENVILLE

Murray J R—f 1 c

HANFORD

Ainsworth B D—f
Bliss Geo—f
Brailsford W H
Bush Agency E E—f c
Chittenden, Flory & Co—f
Coe C H—f
Dunham L C—f
Farley J H—f
Goldberg Real Estate Agency—f c
Hight F R—f
Isaac F N—f
McQuiddy W R—f c
Nelson Peter F—f
Newport W R—f
Sheets H P—f c
Smith Ed T—f
Wright H E—f 1

HAYWARDS

Armstrong J D—f
Beam A W—f
Farnum J E—f
Haley W W—f 1 c
Hanscholdt Henry—f c

Lemos F I—f
Musson E F—f
Prowse Chas—f
Parker Douglas—f
Robinson H R—f
Russell T B—f
Silver Joseph H—f
Smith D C—f
Warren E S—f
Wilbert P—f

HEALDSBURG

Coffman J T—f
Hicks J C—f
Jacobs R G—f
Luce M Y—f
McConnell F W—f
Norton E M—f
Prince J B—f
Rose J W—f
Russian River Land Co
f
Warfield, Barnes & Will-
iams—f l c
Wattles, Hall & Miller
Wolkott G W—f

HIGHLAND

Barner E E—f
Barnes Gratz—l
Browning John—f
Kunzman J—f l
Randall M M—c
True A A—f

HOLLISTER

Breen P W—f l c
Farmers Exchange—f
Hamilton Bros—f
Holbrook E E—f
Hollister Realty Co—f c
McCloskey Thos—f
McPhail D F—f
Palmtag & Connor—f
Patterson John—f
Shaw Chas J—f l c
Thompson W E—f
Wilde W B—f c

IONE

Hammer B—f
Mack Geo—f
McMurray J W—f
Merrill Fred—f
Newman J—f
Perkins J D & Son—f
Sibole & Gillum
Stewart D Co—f
Swain C W—f

JACKSON

Chichizola A—f
Conlon Mrs Ela—f
Culbert C L—f
Glavich John—l
Marelia Chris—f
Meehan Jas—f
Penry Wm M—f
Spagnoli S G & U G D
—f
Speer W E—l
Thompson W G—f
Vela & Piccardo—f
Wright James J—f

KERN

Williams J R—f

LINCOLN

Brown Lloyd E—f
Fleming E A & A C—
f l c
Ingram Wm D—f
Janzen Walter—f
Musser B C—f c
Sparks Wm Jr—f l

LIVERMORE

Anspacher Bros—f
Callaghan M G—f l c

Fletcher Jos F—f
Livermore Commercial
Co—f l
McKown & Mess—f
Mathieson F—f l c
Nissen C M—f l c

LODI

Bewley & Lodi Co—f
Bird Dan W & Co—f
Brigman & Keeney—f
Clark H S Jr—f
Coleman H B—f
Deaver E E—f
Dougherty F A—f
Ferdun C M—f
Graham R L—f
McMahon J M—f
McSherry & Brown—f
Schnaidt C—f

LOMPOC

Balaam A G—f l
Klein & Lehman—f
Lompoc Produce & Real
Estate Co—f
Smith W R—f
Smith L L—f
Meals G W—f
Milling S P Co—f c
Moore F B—f
Rudolph Arthur—f

LONG BEACH

Campbell W L & Co—f
Gailbraith M W—f l
Malcolm, Davis & Ste-
vens—f l c
Rapp Ben—f

LOS ANGELES

Agency Co The—f c
Ainley F G—f
Alderson F Earl Ins
Agency—f c
Allen A A Ins Agency
—f c
Allen R W—f
Allen W H & Son—f
Althouse W L P—f
Andrew J L—f
Ansley B C—f
Aronson Gale Co—f c
Atchley T J—l
Atwood C B—l
Baer Lucien—f
Bareford C H—f
Baillie Herbert C—f c
Barham Guy B—f
Barlow & Tiedemann—f
Barrett Irvin—f
Barnet W T—f
Barrett & Daum—f
Batcheller L W—l c
Bean C W—c
Behrendt-Levy Co Inc—
f c
Bein A H—l
Bernstein B F—l
Rigford M A—c
Blair A G—l c
Blanchard E L Co—f
Blanks H—c
Bliss C H J—f
Bolle Theo—f
Bonyngne, Girdlestone &
Froeblich Co—f
Bogy Vernon C—f
Bond R J—c
Boylan James F—f
Bradford C W—l
Briggs Sidney L—f
Bristol F O—l
Brown Bros Co—f
Brown Robt A—l
Brownrigg J E—l
Brundige Ed & Co—f c
Brush R G—f
Bryan & Bradford—f
Rundy Thos C—f
Burbank & Baker—f

Burbank R E & Co—f
Burgwald H M—f c
Burke Carlton F—f
California Real Estate &
Bldg Co—f
Calkins F S & Co—f
Campbell Warren I—f
Campbell W Ross Co—f
Carter Dan F—f c
Cason E W Co—f
Chandler L B—f
Chandler R W—l
Chapman W O—f l c
Chaney L S—c
Childs, Hickes & Mont-
gomery—f l c
Clairemont Co—f c
Clark, Wesley & Co—f
Coast Utilities Inves-
ment Co—f
Coffin Franc N—l
Collier F E—l
Collins L B—l
Conaway O P—f
Consolidated Agency Co
—f l c
Cornell F D Co—f
Cornish H L & Co—f
Cramer W H—l
Crandall J E—f
Cribb E C & Co—f
Crooke P W—f
Crook & McCann—f
Crown C C—f c
Davenport R H—l
Davis R H—f
Davis, Prenzlaue & Co
—f
Dewey S B & Co—f
Deyoe J W—f
Dickinson Geo L—l
Doyle A L—f c
Dunnington F H—f
Ebner A B—l
Edwards W T—f c
Edwards & Wildey Co—f
Ege Chas B—c
Eldredge Edw L—l
Farish O E & Co—f
Ferguson D W—f
Flack E B—f
Flint & Hart—f l c
Folsom Allison G—f
Folsom S M—l
Foote H W—f c
Ford E S—l
Foster J D & Co—f
Frankel Cecil—l
Gallagher J A—f
Gardner John N—f
Gatchel C H—f
Geldert W H L—f c
Giles R J—l
Gilligan J J—l
Gilmore Geo D—f
Golden M B—f
Greenfield W J T—f
Greenwood L A—l
Griffith P H—f
Griffith John T—f
Grim Miss Laura—l
Gunter J W—l
Guy I C—l
Guy H P—l
Gwynn Alfred E & Co
—f
Haas & Burford—c
Hall Otho N—f
Hanford R H—f
Harris Charles—f
Hastings Bros—f
Heinsch-Butler Co—f
Hill L F—l
Hillman R G—f
Hinds I B—f
Hoffman-Akey H V Co
—f
Holland Earl R—f
Hollingsworth W I & Co
Inc—f
Honsinger E R—f
Hopper C B—f l c

Howard H & Co—f
Horton G C—f
Hubbard Chas L—l
Hughes F S—f c
Humfreville Bros & Co
—f
Hunter & Camfield—f
Hurd Bros—l
Hyans E C—f
Iman G A—f
Insurance Agency Co—
f c
Jackson H R—f
Jaquette W W—f
Jergins Co A T—f
Johns R G—f
Jones S H—l
Jones-Potter Realty &
Inv Co—f
Keating-Bainbridge Co—
f
Keleher T J—f
Kellner B J—f
Kelsey F M—f
Kennedy J D—f
Kenyon & Truscott—f
Kierulff B F Jr—l
Klokke Karl C—f
Knight J O & Co—f
Kolb & Brown—f
Korbel A J O—f
Kremer, Campbell & Co
—f c
Kroesen Bros—f
Kuhl Wm F—f
Labry W E—f
Langmuir C H—l
Le Sage J Henry—f
Letteau G H—f
Lockhart O P—f
Los Angeles Fire Ins
Agency—f
Los Angeles Underwri-
ters Agency—f
Louis Underwriters
Agency—f c
Lunt R G—f
Lynch Geo A—l
Lyndall C P—f
McClelland Wm—l
McConnell & Irvine—f
McConnell A C—f
McConnell Levi J—l
McCulloch R L—f
MacDonald G W—f
McDougald Alex—f
McGarry P J & Co—f c
McIntire G L—f
McLaughlin L V—f
McMullen F E—l
McNeil Victor L—f
McNeill I C—l
Mahana & Cooling—c
Malone D B—l
Mancha Matt T & Co—f l
Marsh Robt & Co—f
Marks David—l
Matthews & Matthews—f
Mathews Frank—f c
Martin Wm H—l
Maxson Herbert E—l
Merchants Realty & In-
vestment Co—f
Merritt Chas T—c
Merwin W B Co—f
Metcalf & Ryan—f
Metzger W H—l c
Metzler B J—l
Miller C—f
Miller H L & Co—f
Mines W W—f c
Moir W H—l
Montgomery C S—l
Morris Elmer C—l
Morrow J H—f
Moses-Starr Co—f
Mueller G—f
Muma Irwin J—l
Musselwhite E V—l
Nabors J B & Sons—f c
Neiswender-LeClaire Co
—f

CAL.—Los Angeles, Con.

Nelles H B—l
 Nieman Chas—f
 Nott E E—l
 O'Brien H E—f
 O'Brien Tim—l c
 Orsatti M—f
 Osmun, L G—c
 Park Bros—f
 Pacific Mortgage Co—f
 Palette Baird—c
 Peck E E—l
 Perkins Gregory Jr—f
 Perry Fred—f
 Phelps W W—f
 Phillips C S Co—f
 Phillips H D—l
 Pirie A J—f c
 Poindexter R W—f
 Powers F E—f
 Porter E H Co—f l c
 Powers Investment Co—f
 Price Ernest E—f
 Price R L—f
 Prinsen J A—f
 Purcell G M—f
 Rabe E Earl—l
 Raphael Robt H—l
 Quitzwon Chas—f
 Rathbun Geo A—l
 Redpath F H Co—f
 Reed A L—c
 Reed C A—l
 Reynolds Ralph—f
 Rice Wm F—l
 Richards F F—f
 Richards Bernard J—f
 Rogers E E—l
 Robins Leigh H—f
 Robertson A D Jr—l
 Roberts C Wesley Co—f
 Roberts T S Ins Agcy—f
 Rohrer C W—f
 Rouse B P—l
 Rouse W H—l
 Rowan R A & Co—f c
 Rowe E A—f
 Rule Sons Inc—f
 Russell John N Jr—l
 Ryan F J & Co—f
 Savage W H—l
 Scarborough W B—f
 Scherer O F—f
 Sellers Darrow H—l
 Sentous Realty Co—f
 Servis L B—c
 Seyler Chas Jr—f c
 Shaw Frank—f
 Shaw W C—l
 Shuster Morrow & King Inc—f
 Siegel Fred F Cmf mfmf
 Siegel Fred—f c
 Silent Ed D & Co—f c
 Silent M H & Co—f
 Skidmore Stepper & Lockhart—f
 Smith H Harry—f
 Smith Hugo M—f
 Smith W—f
 Stacy Realty Co—f
 Stark E M—l
 Stark E N—l
 Stephens L P—f
 Stephens M W—f c
 Stephens R B & Co—f c

Will Stephens**Fire Insurance****314 Security Building****LOS ANGELES, CAL**

Stevenson G F—l
 Stewart W F—f

Stewardson Wm—f
 Stodghill Wm M—f
 Stovel C J Agency—f
 Stovel R J Agency—c
 Sturdivant W B—l
 Stout-Clairemont Co—f
 Suydam J S—f
 Swank & Letton—f
 Swift C A—f
 Tait C A—f l c
 Talbot Chas L—f
 Tandy & Story—f
 Tapham & Hill—f
 Taylor, Russell McD—f
 Test L L—l
 Theberg A S—l
 Thom C C—c
 Toner A L—l
 Topham & Hill—f
 Tressler, Sidney P—f c
 Trott D M—l
 Trumbower Wm P—l
 Turner C O—f
 Union Realty Co—f c
 Urmston J K—f
 Vail & Eldridge—l
 Van Alstyne Guy—c
 Van Slooten J F—l
 Vawter J P & Co—f
 Van Valkenburg Chas—f
 Veasey & Hayward Inc—f c
 Vetter Louis F—f
 Vickrey O A & Co—f
 Wade & Whelan—f
 Walker H E—l
 Walsh Frank E—f c
 Warde D M—l
 Walton Fred A—f
 Watson Ralph M—f
 Weik F G & Co—f
 Wheeler Bros & Pierce Inc—f c
 Whelan Weldon D—f
 Whittington J W—l
 Widenham Wm W—f
 Wickett F A—l
 Wills B G—c
 Williams F H—f
 Wilson J Wesley—f
 Wilson Robt—l
 Wilkinson Jas W—f
 Woods Almon V—l
 Wood L H—f
 Wren W J & Co—f c
 Wright - Callender - An-drews Co—f c
 Yarnall Geo S—l
 Yates J P—f
 Young W H—f

LOS GATOS

Angell E G—f c
 Balch S D—f
 Fitch J G & Son—f
 Johns & McMurty—f
 Lathrop M A—f
 Milligan Bros & Co—f l c
 Noble & Riggs—f
 Rogers Noah G—f

MADERA

Breslin C—f
 Foster & Stahl—f l c
 Dyer R C—f
 Smith & Williams—f

MARTINEZ

Blum A E—f c
 Bush H M—f
 Daley & Dunkel—f l c
 Glass F L—f c
 Hale, Edson D—f l c
 Hayden C H J—f l c
 Lasell Co—f
 Lyford Geo H—f l
 McNamara J J—f c
 West D J—f

MARYSVILLE

Aaron C F—f l c
 Arnoldy Mat—f l c
 Cooley C S—f
 Harney G W—f l c
 Irwin & Gluckman—f l c
 Jones R D—l
 Lane Frank—f l
 Lytle P W Co—f
 McCormick Ralph—f c
 Richards Geo—f l c
 White A H—f l c

MAYFIELD

Cuthbertson S M—f
 Ellett Charles—f l
 Hebbard F—f
 MacDonald E B—c
 Peers Alex—f
 Ponce J P—f
 Schaefer J P—f
 Telmont D D—f

MENDOCINO

Brown A—f
 Brown E—f
 Brown H—f
 Grindle J—f
 Heeser A A—f
 Jarvis & Nichols—f
 Luiz Chas—f
 Murray J—f
 Packard C O—f l
 Wallace W—f

MERCED

Abstract Title & Investment Co—f c
 Clark E M—l
 Cornett J R—f l c
 Laudram H—f
 Merced Lumber Co—f
 Moor E L—f
 Russell J E—f
 Simonson & Harrell—f
 Wood J D—f
 Worden L G—f l

MODESTO

Abbott Mr—f c
 Davis Ed—f l
 Campbell & Moyle—f
 Davis Ed—f l
 Deyoe S F—f
 Gilman R E—f
 Grange Co—f
 Harp J D—f
 Harter W A—f
 Holtham A E—f
 Irrigated Lands Co—f
 McCarthy & Weast—f
 Marshall & Austin—f
 Maze & Wren—f
 Maze Ella C—f c
 Minniear C W—f
 Modesto Land Co—f
 Morris C C—f
 Moss & Windus—f l c
 Municipal Land Co—f
 Murray & Jones—f
 Neil & Neil—f
 O'Connor Geo W—f
 Perley George—f
 Pioneer Land Co—f
 Rice T E B & Son—f l c
 Riemenschneider Bros—f
 Ross J W—f
 Shoemaker A B—f c
 Thomas & Walstrum—f
 Weyer H P—f l c
 Wheeler A W—f
 Williams O H—f

MOKELUMNE HILL

Davidson S L—f l
 Fitzell L—f
 Greve H—f
 McCarthy A H—f
 Nuner C G—f
 Peck F W—f

MONROVIA

Barnes L—f
 Bent Mrs M E—f
 Bovee Ernest—f
 Bryant O N—f
 Bunker J E—f
 Coombs Joseph—f
 Evans H J—f l c
 Evans W H—f
 Gilchrist H B—f
 Hallock & Wade—f
 Morrison A W—f
 Smith R R—f

MONTEREY

Botch F A—f
 Coast Counties R E & Inv Co—f
 Jacks R C—f
 Jakobs Frank C—f l c
 Johnson D W W—f
 Monterey Inv Co (Inc)—f c
 Pryer J P Realty Co—f c
 Wright B F—f

NAPA CITY

Bickford E—f
 Chapman S M—f
 Davis H S—f
 Emory W—l
 Goodman Jas H & Co—l
 Graves John—f
 Hales T H—l
 Hayman John—f
 King E H—f c
 Mount & Son—f c
 Morse H—f
 Sawyer H H—l
 Smith A H Co—f l c
 Thompson The W G Co—f l c
 Weir H—f
 Wyckoff S H—f c

NATIONAL CITY

Arnold A G—f l
 Burnham Jas & Co—f c
 Stensman S E—f c

NEEDLES

Benedict H E—f
 Butler Geo E—f
 Monaghan & Murphy—f

NEVADA CITY

Badger Edw W—l
 Fleming J D—f
 Garthe L A—f
 Hook Edgar—f
 Lnidley J—f
 Marsh S W—f
 Morgan D E—f l c
 Morgan E J—f l c
 Ott E N J—f
 Powell E T R—l
 Rector G J—f
 Werry John—f
 Wright H J—f l c

OAKDALE

Coleman Amos—f
 Collins Phil—f
 Coul Thos B—l
 Halbert Edw—f
 Hayes W Scott—f
 Murphy Geo C—f c
 Pioneer Bank—f c
 Shields J—l
 Wright J F—f c

OAKLAND

Ajello F—f
 Albright J W—f
 Alameda County Realty Co—f
 Anthony R M—f
 Arns & Kaiser—f c
 Austin G W—f c

Ballard D—f
Bankhead H—f
Blodgett N A—f c
Bones William—f
Brooks F W S—f
Burr F D & Co—f c
Cahill A E—f c
Cameron Hugh M—f
Campbell L E—f
Champion T C—f c
Chickering R—f
Christensen & Goodwin—f c
Clay I H & Co—f l
Cohen S—f
Colbert & Co—f l c
Cook E P—f
Craig & Currie Co—f c
Davenport H—f
Dobson D O—f
Dohrmann W C—f c
Drew Wm—f
East Bay Home Builders (Inc)—f c
Elrod J R Co—f c
Emigh T P—f c
Fletcher & Rohrbach—f
Fletcher O W—f
Garrigue M W—f c
Ghirardelli & Soule—f c
Gray C H—f c
Hall E W—f
Harrod B—f c
Holcomb Realty Co—f
Jackson S—f
Jackson S E—f
Jewell F W—f
Johnson H—f
Kelly Helen L Co—f
Kerr & McCandish—f c
Kimball L M—f
King J H—f c
Knapp R A—f
Knowles Thos—f c
Koenig & Kroll—f
Lanktree J B—f c
Layman Real Estate Co—f c
Le Ballister-Duncan Co—f c
Lee Geo—f
Leffman H—f
Lindberg O F—f c
McCartney M P—f c
McConkey E H—f
McGraw & Swin—f c
McHenry & Kaiser—f c
Magill Chas J—f c
Magill R H—f
Martens John—f
Martin C S—f
Meese Edwin—f
Metzler Jos—f
Michener W L & Co—f c
Monsen M—f
Montgomery R J—f
Morgan T W—f
Mott Frank K Co—f
Naismith G S—f
Oakland Underwriters—f c
Perkins J M—f
Porter F F & Co—f c
Porterfield G K—f
Porteus J H—f
Reed Fred E Co—f
Reef Henry J—f
Richards C A—f
Salinger J M—f
Shrader & Thomas—f l
Simpson R W—f c
Stahl Bros—f c
Stephenson L A—f
Stromberg F W & Son—f
Stroud J A—f
Seulberger, Eccleston & Dunham—f
Thane J E—f
Taylor Bros & Co—f c
Thomas J A—f c

Thomas M A—f c
Thompson S B—f
Toohig J M—f c
Trathen A H—f c
Troy J H—f
Vail Henry R—f
Vinson Brokerage Co—f c
Walker A J—f l
Wagner & Pugh—f c
Wann U A—f
Weil & Clow Co Inc—f l c
Weld W C—f
West William B—f l
Wenham & Pugh—f c
Wheatley H M—f l c
Whitton A H—f c
Willard G A—f c
Winslow R C—f

ORANGE

Adams H Z—f l c
Clayton W H H—f
Craddock S M—f
Davis Evan—f
Frederickson C O—f
Fernald A R—f
Haynes Dorothy—f
Hemphill L W—f c
John Carl—f
Miller Helen—f
Porter J R—f
Ralph A S—f l c
Weiss E K—f c
Whitney M N & Co—f

OROVILLE

Duncan W E—f
Fetherston A—f
Gray F H—f
Lawrence J A—f
McGee John M—f
Tucker E—f

PACIFIC GROVE

Estabrook C R—f
Fritz S L—f c
Gretter W C—f
Harris Real Estate Co—f c
Lloyd Etta B—f
Norton Chas T—f l c
Strong & Kemp—f
Work T A Co—f

PALO ALTO

Cuthbertson Harry F—f
Haley A M—f
May John—f
Talbot Wm E—f

PASADENA

Allen Andrew S Co—f c
Anderson & Johnson—f
Bacon E J—f
Ball Russell—f
Banks F Alexander Co—f c
Bannister A M—f
Becker A J—f
Benedict W G & Son—f
Blackford E E—f
Blair W E—f
Blankenhorn D Co—f c
Blount Chas—f
Blount J S—f
Boadway L A—f
Bragdon J R & Co—f
Brashear J C—f
Brokaw W E—f
Brooks Wm C—f
Brown Chas H—f
Brown C G Co—f l
Brown R B—f
Bryan Bessie—f
Burnett C H—f
Clark H L—f
Collins J L—f
Cox W L—f
Cullen Alex—f

Currier Edw P—f
Cutler A—f
Daggett C D—f
Dorn J H—f
Dorn-Sykes Co—f
Dugan C A—f
Eason R & W M—f
Ellsworth H L—f
Engle W B—f
Fawkes F H—f
Freeland J K—f
Gaut Jas H—f c
Godber H H—f
Grattan W E—f
Graves A A—f c
Greene C C—f
Greife H H—f
Griffith O J—f
Groenendyke E—f
Gueyer C G Co—f
Hartman Edw A—f
Havener J E—f
Hill E D—f
Hobson A T—f
Hogan Co—f
Horton N T—f c
Jacobs G R—f
James C T—f
Jordan E B—f
Kendall B O Co—f
Knapp J J—f
Larson A—f
Lee E A—f
Lockwood E H—f
Long Frank H—f
McAlpine J B—f
McDonald John Co—f
McNally & Son—f
Metzler B J—f
Meyer F W—f
Misner C E—f
Mitchell L H—f
Mohler F C—f
Monfort C E—f
Mott Daniel—f
Nevin W H—f
Newell N E—f
Palmer Wm T—f
Parnay S Y—f
Pasadena Investment Co—f
Pearson A A—f l c
Pierce T M—f
Pieters J A V—f
Pinney & Nash—f
Platt Frank C Invest—f
ment Co—f
Putnam C E—f
Rice A A—f
Rodgers H A—f c
Ryder F E—f
Scott H C B—f
Sherman H B—f
Sisson Co—f
Slaughter J H—f
Snowball-Sullivan Co—f c
Staats W R Co—f c
Stanham A G—f
Stroat Geo N—f
Strafford E H—f
Sullivan J F—f
Talbot W T—f
Tarrall G S—f
Test L L—f c
Todd I M—f c
Turner G S—f
Vail David—f
Vail I E—f
Virtue Curtis M—f
Welch F C—f
Wheeland C G—f
Williams B O—f
Williams J A—f
Williams T J—f c
Wood C L—f
Wood Fred—f
Woodworth J H & Son—f c
Wotkins Bros—f
Wyatt J B—f
Yarnell Geo S—f
Zueroy J A—f

PETALUMA

Batchelor D W—f l c
Brainerd H P—f l c
Cavanagh E—f
Denman F H—f
Dresbach W—f
Gwinn & Tomasini—f
Higbee & Turner—f
Horn J W & Co—f l
Lawler J Jr—f
Lippitt F K—f
Petaluma Realty Co—f c
Smith Geo N—f
Winfield C R—f l c
Young Geo C—f l c

PINOLE

Cabbalaria M—f
Downer E W—f
Fraser J—f
Greenfield A—f
Russo James—f

PLACERVILLE

Alderson P—f
Benson Elmer—f
Berry R K—f
Blair Jas Jr—f
Butts L T—f
Maginnis S H—f
Merson Max—f l
Pearson J—f
Pierce-Bosquit Abstract & Title Co—f c
Placerville News Co—f c
Richards James—f
Simons D—f

PLEASANTON

Arendt H & Co—f
Benedict E L—f
Donahue & Gale—f
Hall E E—f
Kolb George—f
Kolb P—f
Mendonza John—f
Palmer J R—f
Smallwood Claud—f

POMONA

Alden Steve—f
Caves C C—f
Curran Co—f
Boyd S R & Son—f
Bradley & Eells—f l
Fitch J A—f
Folsom & Marran—f
Frishie G L—f
Gallup J A—f c
Hotchkiss E A—f
Jones Lowell M—f
Leadingham & Lee—f
Loucks R N—f
Olds Fred L—f c
Payton W F—f l c
Potter M H—f
Ritter F W & Co—f
Short R C—f
Tufts A H—f

PORTERVILLE

Carr H C—f c
Horbach R—f
Howeth T A—f l
Konda A—f
Newbury A J—f c
Phillips W B—f
Premo W E—f c
Smith H O—f

QUINCY

Dorsch H G—f
Miller W J—f l
Plumas County Bank—f
Schneider B—f

EDWARD BROWN & SONS

General Agents,

202-204 Sansome Street

San Francisco

FIRST NATIONAL FIRE INS. CO., of Wash., D. C., Pacific Coast and Rocky Mt. Districts

SVEA INSURANCE CO., Pacific Coast and Rocky Mountain Districts

AGRICULTURAL, Pacific Coast

GLOBE & RUTGERS OF N. Y., Pacific Coast

HAMILTON OF N. Y., California

GLOBE UNDERWRITERS AGENCY OF N. Y., Pacific Coast

CAL.—Con

RED BLUFF

Cone & Kimball Co—f
Coyle W—l
Dale Chas—l
Douglas Robt L—l
Douglas Wm C—l
Feely Mr—f l c
Fortier E C—f l
Gardner Elias D Co—
f l c
Ludeman A H—f
Murdoch S W—f
Poe E Herbert Co—f c
Polsley Harry—f
Stoddard Mr—f c
Swain & Warmath—f l c
Thomas P O—f

REDDING

Baker H F—f
Dean Arthur—f
Eldridge F M—f
Frisbie E C—f
Hare & Hill Co—f l c
Miller Realty Co—f
Pimm F P—f
White John & Co—f

REDLANDS

Austin & Clark—f l
Biggin Geo S—f c
Brock A E & Co—f l c
Clark L W—f
Covington & Wilkins—
f l c
Fowler & Hunt—f c
Gill & Rabbeth—f
Harley P L & Co—f c
Holgate A H—f
Nahmens E N—f
Patterson & Rigby—f
Slater Horace—f
Tatnell R N—f
Waldo S S—f l
Wheat J F—f l
Winsted L M—l

REDWOOD CITY

Buck George H—f
Cullen Con—f
First National Bank—f
l c
Fox E B—f
Glennan Fred—f
Hartley Mrs J E—f
Knight C E—f
Landscheit C—f
Lowie George W—f
Mabie Carl—l
Read J J—f
Redwood City Com. Bank
—f c
Thompson E—f

RIVERSIDE

Alger & Ofstad—f
Bush B B—f c
Castleman P S & Co—
f l c
Dole Geo H—f c
Ellis & Troth—f
Flaherty T F—f
Hamlin F C—f
Kingman & Walther—f l c
Lewis A C & Co—f
Lindsay B F—f c
McCloskey W P—f
McKenzie & Pedley—f c
Milice A S—f
Morrison & Nelson—f
Post Charles A—f
Potter Harvey—f
Powell Percy A—l
Ramsey G S—l
Stonesipher C E Co—f
Taylor F P—l
Tetley F O—f
Van de Grift J—f

SACRAMENTO

Baker H W—f
Bell C E—l
Blank & Lytle—f
Brooke Realty Co—f c
Cadle F F—c
Callahan & Ryan—f c
Carly J C Co Inc—f c
Carmichael Co The—f c
Clevenger A W—l
Denton C H—c
Foye Thomas—l
Geisel E J—l
Grau H W H—l
Heilborn Realty Co—f
Hickman & Coleman Co
—f c
Johns The F J Co—f l c
Kelly E—l
Kerr A B—f c
Leonard Ben Co—f c
Mackinder W A—f c
McAnear S F—l
McClelland H A—f c
Nathan & Michel—f c
Peck Ins Agcy F S—f c
Pockwitz Leo Co—f
Reed & Elliott—f c
Robertson & Govan Co—
f c
Sacramento Underwrit
ers—f
Saunders C E V—l
Sternier J H—l
Thompson C N—f
Trainor A T—f l
Wentz J H—c
Wiard L E—f c

ST. HELENA

Blake W J—l c
Davis C E—f
Gans Robt H—f

Hooper E E—f l c
Johnson J G—f l c
Murray E M—f

SALINAS

Adcock J A G—f
Borden Jos—f
Clark W H—f
Connor J J—f c
Fontaz F J—f
Garrigus Mrs L H—f l
Kelley J J—f
Kirk Mrs Stella—f
Lang H & Zebala—f c
McCollum A J—f
Olsen J—f
Pence W M—f
Rodgers Luthor—f
Soberanes Ben—f
Thorp C H—f
Wallace D—f
Winham Bros—f
Worth & Norris—f

SAN BERNARDINO

Adair Noth
Boyd, Scott & Lothrop—
f c
Dalldorf & French—f
Downer A J—f
Draper & Curtin—f l c
Insurance Land & Loan
Co—f c
Johnson E D—l
Monahan C W—f l
Orange Belt Realty Co—l
Palmer Arthur—f l c
Rathburn Geo—f
Reed W H—f
Rogers W H—f l c
Security Investment Co
—f
Shepardson J B—f
Tompkins & Field—f c

SAN BUENAVEN- TURA

Aplin W B—f
Barnes G S—f
Hammons John W & Co
f l c
Hathaway L P—f l
Hearne N Sr—f
Hogue-Kellogg Co—f
Hopkins Mr—l
McDonell C B—l
McGonigle John—l c
McIntyre J F—f
Moore A L—l
Reppy John H—f l c
Roth Fred—f l
Ventura Development Co
—f l c

SAN DIEGO

Arnold C G & Son—f
Babcock Ralph S—l
Bowler Geo F—f

Coon H K—l
Dodson A E—f
Downs J R—l c
Fintzberg & Stienmetz
—f
Fisher Harry & Co—f c
Foote H W—f
Goodwin G & Co—f
Hansen Roy—f
Henking & Randolph—l
Kendal E L—f
Kuhn Miss S C—f
LaMar Bros—f
Lancaster & Lancaster—
f l c
Ludington W F—f
Lyon E T—l
McMurtrie L—f
Masten & Kendall—f
Niven John—f
Oesting C W—f c
Rice J A & J C Co—f
Swayne E J Co—f
Wallace J T—l
Walsh R J & Co—f
Watts Nathan—f
Wawowski Osborne Co—f

SAN FRANCISCO

Adams & Collamore—f c
Adams Wm & Co—f
Adler Jacob—f
Ahern A J—f
Alexander & Martens—l
Alison Mrs B—f
Allan & Chase—l
Allen Henry F—f
Allen H F—f
Altshuler Samuel—f
Altwater W F & Co—f
Anchor Realty Co—f
Anderson & Edwards—f
Andrews Wm P—l
Ankele J H—f
Armstrong E W—l
Arnold Frank D—l
Arp C W—f
Ashton & Gardiner—f
Associated Underwriters
—f
Auger B E—f
Avery F M—f
Babin L C Co—f
Baccala Jos B—f
Bacigalupi Paolo—f
Backus W G—l
Bacon E H—l
Baggs M—f
Bailey A T—f
Baird & McConnell—f
Baldwin & Howell—f
Barham G B—f
Barney Roy—f
Barrett E W—l
Barry W I—f
Bates H L A—f
Bath E G—l
Baxter F C—f
Beaver F H—l

Becker O W—f	Coghlan D M—f	Frank I H—l	Hirschfeld Emil—l c
Beede Mrs V A—f	Commonwealth Sec Co—f	Frank Marshall A Co—c	Hoadley G O—f
Bell W J—l		Frank Oscar S—f l c	Hoffman & Co—f
Bender A M—f l	Connolly Miss L E—f	Franklin Benj J—l	Hoffman S—f
Bennett C K—c	Connolly Robt D—f	Franklin M & Co—f	Hoadley G A—f
Bennion-Yoell Co—f	Connor John—f	Frelinghuysen J S—f	Hoge L B & Co—c
Bergerot J A—f	Coon H I—f l	French F C—f	Hohwiesner F—f
Bergerot D A—l	Coonley H C—f	Fritschl A R—f l	Holmes R—f
Bernhard J—f	Cory I H—f	Fuller J L—f	Holman A S—l
Berson G—f	Costa J—f l	Gale M A—f	Hooker & Lent—f
Bertheau, Selbach & Bertheau—f	Cosgrove Thos—f	Gardner C L—f	Hopkins O C—f
Berton G A & Co—f	Costello J F—f	Gaskill V W—f	Hughes C T—c
Betts J E—c	Cramer H Jr—l	Getz & Sons—f	Hughes J P—f
Beyfuss C Co—f	Craig H—f	Getz B Inc—f	Hughes T G—l
Birdsall Ward—f	Creed W H—f	Giacomini N T—f	Hunt G E—l
Billings Geo E Co—f c	Crim W H & Co—f	Gilbert F L—c	Hunt Mrs G H—f
Birmen F W & Co—f c	Cross & Co—f	Gilmore & Temple—f	Hunt Wm B—l
Blender C K—f	Crowe Mrs M L—f	Gibbons Chas P—f	Hutchins C J—l
Blass J C—f	Cumming A M—f	Giles Geo A—l	Hyman R T—f
Block Jas N—f	Curtis & Gordon—f	Glover J J—f	Irving W—f
Boardman Bros & Co—f	Curtis J B—f	Gluckman M E—f	Israeli J—f
Boggs Fred H—f	Cutler L W—l	Godfrey E A—f	Italian-American Realty Co—f
Bolm A D—l	Danker H & Co—f	Goldberg Max—f	Jacks Noel H—l
Boles A F—l	Davidson & Leigh—f	Goldborough Wm T—f	Jacobs F—l
Bondeson E O—f	Davis J B F & Son—f	Goldsmith Bert—l	Jahson F J—l
Boole F W & Co—f c	Davis Samuel D—f	Goldzieher S—f	Jacobs W A & Son—l
Borel Ant. & Co—f	Deasy J—f	Gong Tyng—f	Jacobsen & Co—f
Borland & Johns—c	Decourtieux A—f	Grady John H & Son—l	Jennings Jos C—f
Bosworth Chas J—c	De Golia E B—f	Graven G—f	Jewell F & Co—f
Bovee, Tay & Co—f l	De Groat F E—l	Gray T P D—f	Johnson Albert W V—l
Bovens R S—l	de Kolty Jean C—l	Greenbaum J—f	Johnson & Higgins—f
Boyer W E—f	De Los P F—l	Green E F—l	Johnson A L—c
Boyes Jas—f	Demartine F—f	Green Miss F—f	Johnston J C—f
Braun Franz—f	Demsey Thos H & Son—f	Gregory E H L—l	Johnson Irving—l
Bree Thos E—l c		Gregg H W—f	Johnson W H—l
Breeding W H—f	Desmond Mrs M A—f	Griffin S M—l	Jones Chas H—f
Bridge A F—c	De Succa Mrs J M—f	Gross C C—l	Jones Edw M—f
Briggs W R—c	Detrick E Jr—f l	Grondona C F—f	Jones Mrs I M—f
Bridford C A—f	De Veuve Clarence—f	Grubb I R D—f	Judah C A—f l c
Brissac B F—f	De Veuve Louise—f	Gunnison Mrs A R—f	Kahn & Feder—f
Britt Josephine—l	Dewey H L—f	Gunzburger Emil—f	Kahn Miss T—f
Brizzolara Realty Co—f	De Wolf Wm M—f	Gutstadt H—f	Keith J R—f
Brock M J—f	Devlin F J—f	Guyett R G & Co—f l	Kelley Chas A—f
Brooks G W—f	Dobbins B W—c	Haake Mrs E N—f	Kelly Louis A—f
Brown Carl G—c	Doherty Jos W—f	Haas Leonard—f	Kelly H M—f
Brown, Edward & Sons—f	Donlon Miss Ella R—f	Hackett Wm H—l	Kelly McClure—f
	Donnels H C—l	Hachmeister Chas—f	Kelly Miss M—f
Brown T P S—f	Dornin Geo W—f	Haight H H—f	Kern-Neilan. Co—f
Brown Walter S—l	Dowling W J Jr—f	Haines A M Co—l	Kiefer O C—f
Browne R S & Co—f	Duggan Jos B—f	Haldan E B Co—f	Kerner & Eisert—f
Browne-Scott & Dinning—f	Dupas J M—f	Hammer W B—l	Killgariff J M—l
	Dye Clarkson—f	Hammond J P—f	Killgariff & Beaver—l
Brownstone H P—f	Eaton Noble H—f	Handy R L—f l	King Mrs D E—f
Bruckman John—f	Edwards Harry J—f	Hanlon B F—f	Kingston Paul F—f
Brune D—f	Edwards L B—f	Harmon A K P Jr—l	Klitgaard C J—l
Buckbee Thorne & Co—f	Edwards & Diggs—l	Harper F F G & Co—f	Kneuing H C—l
Burland E G—l	Edwards Thomas—f	Harrington Mrs J F—f	Knickerbocker C & Sons—f
Butz Mrs F R—f	Egard Wm—l	Harrison A B—f l	
Byrne J T—l	Eggers M—f	Harris F W—l	Knox J B—l
Cadman John O—f	Ehrhardt J D—f	Harvey & Preston—f	Knowles H J—f
Cambell L C—l	Eppinger H—f	Harris Thos H—l	Kohlberg A M—f
Campbell W R L—f	Erskine D—f	Hart E H—l	Kronberg S—f
Canning M J—l	Eschen J N—f	Hartman A E—f	Labry W E—f
Cappelmann O C—f	Estes M T Co—f	Harwood A O—l	Lambert A M—l
Carroll John M—f	Ewing J A—l	Hathaway W L—l	Lanktree J B—f
Carter John M—l	Eyre Perry—f	Hausman P G—l	Landgrebe, McNevin & Jones—f
Cary J A—l	Fabj R P—f	Hauer J B & Co—f	Landers J—l
Catton, Bell & Co—f	Falch Otto E—f	Haufe C W—f	Landis & Brickell—c
Cauhape J P—f	Farrell G C—c	Haven Chas D—f	Lang & Hecker—f
Caverly R—l	Faul Ashley R—c	Havens & Du Brutz—f	Lange E H—f
Center & Spader—f	Feige Mrs J M—f	Havner M B—l	Lange Wm A—f
Chapman & Nauman Co—f	Feigenbaum L—f	Hawks & Pennell—f	Lapachet P—f
	Ferguson-Breuner Co—f	Hayne Benj S—f	Langtree J B—f
Chickering Roger—f	Field J H W—f	Hayburn James C—c	Lauray L G—f
Chipman W F—f	Field R B—l	Hays J B—l	Lawrence J A—l
Chowen W A—c	Field & Cramer—l	Healy Wm—f	Leavitt W C—l
Clevedon W T—f	Figel Arthur—f	Healey Wm & Son—f	Leavy P F—l
Clifton H B—f	Figel S & Son—f	Heard Mrs M E—f	Leisander Geo—l
Christensen & Goodwin—f c	Finkelstein Jacob—l	Hellbush H H & Co—f	Levensaler Jas A—f
	Finch W J—f	Helbing J A—f	Levi Ben—f
Chung Git—f	Fish Edw P—l	Henley C O—f	Levy Adrien—f
Clark D W—f	Fish Harold R—l	Hensel Roy R—l	Levy, Goggin & Wren—f
Clausen H J—f	Fisher Godfrey—f	Heringhi Louis—f	Levy Sam N—l
Clay I H & Co—f	Fleming Edw B—f	Herold Rudolph—f	Liebo Co The—f
Cobb J F—f	Folger & Speyer—f	Heron F W—l	Lillie A S Realty Co—f
Coddington E E—l	Fores H W—f	Herzberg & Son—f	Loaiza W Co—f c
Coffin & Co—f	Foster Co Geo H—f	Hillman J R & Son—f	Locke S & Co—f
Cohn Newton G & Co—f	Foster Robt—l	Hewitt D—f	Locke-Paddon Co—f
Coleman H—f	Fox Geo H—f	Heyman O & Son—f	Lorigan Chas K—f
Coby G W—l	Fox Morris—f	Hinchman H M—l	Love T—l
Colthurst J E—l	Fox Thomas—l	Hind Co—f	
	Francis Guy—f	Hintz J J—f	

CAL.—San Francisco, Con.

Lowery S H & Co—f
Luchsinger A G—f
Lund Geo E & Co—f
Luning Realty Co—f
Lutz & Bouton—f
Lydon Egan & Co—f
Lyons & Hoag—f
Lyons H J—f
MacAdam & Thaler Co—f
McBean Richard F—f
McCallan Jno—f
McCormack John W—f
McElhaney Homer—f
McElrath J E—f
McElroy Jos D—f
McElroy R D—f
McFadden R D—f
McGaw John—f
McGerry W B & Co—f
McGlinchey B—f
Macgurn F C—f
McKaig R H—f
MacKenzie & Underhill—f
McKee & Son—f
McLane C L—f
Macdonald & Miles—f
McLay S R—f
McMahon A E—f
Macondray & Co—f
McPhee & Son—f
Madison & Burke—f
Magee Thos & Sons—f
Magee J F—f
Mailliard & Schmiedell—f
Manheim Dibern & Co—f
Mann C M—f
Mann H R & Co—f
Martin J G—f
Martin Thos—f
Mather & Co—f
Matson W H—f
Mayer Carl H—f
Mayer Saml D—f
Mayrachi Miss A—f
Maxwell Mrs J D—f
Mecham F E—f
Meals A N—f
Meherin M M & Son—f
Mendell Geo H Jr—f
Mercer Robt J—f
Messenger Gus Co—f
Metzler B J—f
Meussdorffer J C—f
Meyer Milton—f
Meyer Samuel—f
Mikubek W C—f
Miles R O—f
Miller, Henley & Scott—f
Miller Thomas—f
Miller S J—f
Miller Harry A—f
Miller Mrs. C E—f
Miller W L W—f
Mitchell Frank S—f
Mitchell Geo M—f
Moeller Gustave—f
Molony J R—f
Monson Martin—f
Mooser & St Germain—f
Morgan A W—f
Morgan J A—f
Morikawa F F—f
Moroney J F—f
Morrisey R A—f
Morrisey J J—f
Mosbacher G—f
Mott E J—f
Moyle Jas W—f
Murdock Geo H & Son—f
Murphy Bros—f
Nagel Gen—f
Nash A E—f
Nason A G & Co—f c

Nathan Esther—f
Nathan Paul—f
Newhall H M & Co—f c
Newell-Murdoch & Co—f
Newton J S—f
Nichols & Fay—f
Nichols C C—f
Niebling E T—f
Nielsen & Piper—f
Nippert Paul M Co Inc—f c
Norman F S—f
Norris Jos H—f
Norris M A—f
Noyes F R—f
Nymeyer B H—f
O'Brien Jos J—f
O'Brien T S—f
O'Brien & Co—f
O'Callaghan Dan—f
O'Kane Jos D—f
Okell Chas J Co—f
Olds A C—f
Oldelahr John G—f
Oliver B P Inc—f
O'Neill M J—f
Oppenheimer H—f
Orr O O—f
Osborn R W—f
Osborn J S—f
Paddock Mrs B E—f
Painter Edgar—f
Palmer W C—f
Parks C E—f
Penfield F S—f
Parrish Edw—f
Peach Chas A—f
Peck E E—f
Peltret J S—f
Perrin Howard—f
Peterson F C—f
Philipp C F—f
Pistoletti F V—f
Piver J C—f
Plageman J C—f
Polack S—f
Polito J L—f
Polk Jos K—f
Porteous J H—f
Potter E E & Sons—f
Porter W R—f
Poulsson P R—f
Powell J M—f
Pringle Co—f
Purcell & Horn—f
Purdy J E—f
Quick Walter R—f
Raschen Lueder—f
Redding A P—f
Reid Geo D—f
Reynolds A D F—f
Rhodes W H—f
Richards J H—f
Rickards C—f
Ritter & Merriman—f
Rittler Wm T—f
Rivers Bros—f
Roach J F—f
Robbins Mrs L—f
Robbins F C H—f
Robertson & Hall—f
Roff H L—f
Rohrer C W—f
Rose W T—f
Rosenbaum I S & Co—f
Rosenthal C—f
Rossier A & Co—f
Rother & Wolbold—f
Rucker Jos H & Co—f
Ruddick W J—f
Russell W J—f
Ryan R X Jr—f
Ryder R S—f
Sachs W G—f
Sacre Harry—f
Sagar E F—f
Sala Jos M—f
Samuels Chas—f
Samuelson A M—f
Sanborn W D—f

Sandmann H—f
Satinger J M—f
Saunders H J—f
Sawtelle Mrs A N—f
Saxe J D—f
Scalmaneni G—f
Scharff I C—f
Scherer Paul—f
Schmitt E A—f
Schmitt H M—f
Schmitz Herbert L Co—f
Schweitzer & Johnson—f
Scott Geo B—f
Seeley & Co—f
Selover S A—f
Shaen Jacob—f
Shetterly John L M—f
Shields A M—f
Shipp John C—f
Sidwell D J—f
Silberberg Max—f
Silverstein Morris—f
Skirvin Bessie—f
Sloan C B & Co—f c
Smith A F—f
Smith B J—f
Smith C—f
Smith Clarence M—f
Smith Edw—f
Smith H G & Son—f
Smith H Harry—f
Smith, Thomas & Thomas—f
Sneider Geo C—f
Snook & Nelson—f
Solomon L—f
Starr Geo E—f
Stearns F A—f
Steele Bros—f
Steinberger N—f
Stephens Dr W E—f
Stephenson R L—f
Sterling Realty Co—f
Stern Benj—f
Stevens J H—f
Stevens J W—f
Stevick Guy Le Roy—f
Stewart F W—f
Stewart James—f
Stewart Mrs M E & Son—f
Stiles Geo R—f
Stolp F A—f
Stone Frank F—f
Stoy Sam B—f
Straub Jos—f
Strauss Jos M—f
Strong, Farr—f
Strong & Farr—f
Sturdevant B—f
Sullivan Daniel—f
Sullivan John A—f
Sullivan Wm A—f
Surryhue F B—f
Taleri G—f
Tallant & Tallant—f
Tamony Peter—f
Taylor Bros & Co—f
Taylor F F—f
Terry Jos T—f
The Agency Co—f
Theriot J E—f
Thiele E—f
Thierback Julius—f
Thomas E J—f
Thompson S B—f
Thompson M & Co—f
Thornton A C—f
Thornton A W—f
Tobin E J & Co—f
Tourtelot C S—f
Trevor & Co—f
Trittenbach G & Son—f
Troy P & Son—f
Tucker A J—f
Tucker, Lynch & Caldwell—f
Tyson Geo H—f
Umben G H & Co—f
Underhill Dr W W—f
Vail W E—f

Vail & Eldridge—f
Valentine E S—f
Van Doozer A E—f
Vedovi E—f
Veroni Hans Co—f
Vizzard Jos B—f
Von Rhein Real Estate Co—f
Voorsanger J H—f
Walker J W—f
Wahls A A—f
Wann W A—f
Waniorek M—f
Ward C S—f
Ward C M—f
Ward D H—f
Warren H B—f
Watson Mrs M—f
Watt Alexander—f
Watt Rolla V—f
Wayman Guy T—f
Wayman & Henry—f
Webb F R—f
Webster Jas S—f
Webster Percy E—f
Weed S R—f
Weil & Clow Co—f
Weintraub L—f
Weissbein Jacob—f
Wentz W B—f
Wenzelburger A—f
Wertheimer A—f
Wheeler Miss Helen V—f
Wheeler N H—f
White Walter H—f
Whitney Abbott L—f
Wickett F A—f
Wiley S P—f
Willis Frances M—f
Wilson Horace—f
Wilson John D—f
Wilson Jno Scott—f
Wilson R A—f
Wink G F—f
Winslow R C—f
Winter H O—f
Wisnom John—f
Wolf & Hollman—f
Wolf Myron—f
Wolte Mrs H G—f
Woodman Realty Co—f
Woodward Thos P—f
Wright J W & Co—f
Wulzen J & Miss—f
Wynn Wm J—f
Yoell Miss B E—f c
Zeckendorf H A—f
Zemansky S—f
Zeus Otto L—f
Ziel F R—f

SAN JOSE

Anderson Chris—f c
Atkinson W L & Co—f c
Arnerich & Pratt—f
Barnett T C—f c
Brundidge W H—f
Case, L H—f c
Cavala Paul L—f
Chace J R—f c
Christmas & Orvis Co—f c
Clayton Jas A & Co—f c
Cooper Challen Co—f c
Cox Chas E—f
Crowe & Wilson—f
Darby A C—f
Eaton & Heischbach—f c
Fisher J E—f
Foley & Shea—f c
Foss & Hicks Co—f c
Gover Isaac—f
Gray W W & Co—f c
Hall & Rambo—f c
Hatcher & Sontheimer—f
Hinman J—f
Hoback L D—f
Johnson & Temple—f c
Lean W J & Co—f c

Mayhew F-f c
Montgomery & Son-f l c
Murphy Mrs J M-f
Newman Miss Ray B-f
Pieper W-f l c
Portal & Lorigan-f l c
Rambo Wm T-l
Rancadore, I-f c
Rucker Jos H & Co-f c
Short & Ryan-f c
Southeimer J J-f
Togni C-f
Willey A L-f l c

SAN LEANDRO

Barton H C-l
Coleman Dr G L-f
Faust & Warren-f
Graff R W-l
Hale Shars H-f
Home Realty Co-f
Henschel Joseph-f
Martin L-l
Oakes W E-f
Peralta A L-f
Rideout C-f
San Leandro Realty Co-f
Toffelmier L J-f

SAN MATEO

Anderson W-f
Calwell & Co-f
Casey W-f
Coleman J H-f c
Conway M J-f
Goodspeed I R-f
Husing E A-f
Kertell Geo A-f c
Kirkebride C N-f
Loop-Wisnom Co-f
Morre C M-f
Rochex & Wiseman-f c
Wisnom & Elsing-f c

SAN MIGUEL

Bergman E-f
McNaul Wm-f
Murphy L D-f
Perry R L-f
Thalls & Co-f
Wilmar E V-f
Wilmar W A-f c

SAN PEDRO

Allen V C-f
Amar & Dreifus-f
Bickenbach W F-f
Campbell M L & Son-f c
Dungan & Morgan-f
Edward E D-f
Quinn Richard-f
Wallace & Son-f

SAN RAFAEL

Barney C R-f l c
Barney C S-f
Boyen A N-f
Canfield W L-l c
Cochrane M R-l c
Courtwright W L-f
Dewing A B-f l c
Duffy A Z-f
Duncan David-f
Henry C A-f
Hock T C-f
Hock Toby-f l c
Howard F P-f
Lancel L A-f
Magee W F-f
Magee & Meyer-f
Miller Fred-f c
Mockler C-f
Moorhead Stanley-f
Neame E A-f c
Schneider D N-f c
Shearer Geo N D-f
Turley U S-f
Verdenal Mrs G-f
Wilkins Harry-f

SANTA ANA

Baker Geo C-f
Blee R J Co-f
Collins C C-f
Duggan W L-l
Edgar Geo A-f
Grace C N-f
Grigaby Grace M-f
Harris & Harris-f
Kingston C A-f c
Maury E R-f
McFadden John A-f
Mix W H-f
Morgan C B-f
Orange Co Savings & Trust Co-f
Quick J G-f c
Robbins O M-f c
Robbins Mac O-f c
Severance Eugene-f
Stafford Wm A-f
Turner Ben E-f c
Wells W J-f

SANTA BARBARA

Alexander & Redington-f
Austin Colby & Co-f
Black George-f
Clark Mr-l
Dreyfus Louis G-f
Gidney C M-f c
Gonzalez L A-f
Hansen E E-f
Johnston J T-f l c
Johnston & Johnston-f
McComber Geo-f c
Maguire Frank-f
Mason Stanley C-f c
Moore T W-f
Park & Nielson-f l
Perkins J J-f
Potter & Woolman-f
Potter G E-l
Russell Geo W-f c
Smith W C-l
Thompson C A-f
Watkins Henry-f
Whitney F M-f
Williams F S-f

SANTA CLARA

Birge F A-f
Fatjo R A-f c
Foster A T-f c
Frank Fred C-f
Glendinning J E-f
Hamilton G E-f c
Helm A T-f c
Roll F O-f c
Slavens & Goodwin-f
Steinhart J-l c
Tully S G-f
Widney J-f

SANTA CRUZ

Blaisdell Benj-l
Canfield C E-f l
Collins Mrs J S-f l c
Dake L J-f
Day E H-f
Gannon Thos-f
Gardner W M-f
Globe Realty Co-f
Hall Henry C-f l c
Hammer C W-f
Hawes G W-f
Hinds A J-f l c
Hinds T W-f
Hitchings & Wright-f
Howe F R-f
Keller Mrs L A-f
Kelley J C-l
Matthews Alfred Jr-l
Matthews Alfred Sr-l
Plaza Land Office-f
Santa Investment Co-f
Shore Line Realty Co-f
Stikeman A N & Co-f
Towne H B-f
Wilson Bros-f

SANTA MARIA

Adam T B-f
Armstrong C U-f
Conkey J F-f
Finley T R-f
Fugler A F-c
Gates F H-f
Gibson E H-f
Hart Reuben-f
Haslam & Fulger-f
Jones T A & Son-f
Laughlin Deane-f
Morris L J-f
Freisker Thos-f
Rice Geo S-f
Scaroni L P-f
Scott Geo-f
Smith Chas-f
Sutherland Mrs-f

SANTA MONICA

Boehme E W-f l
Brown & Doane-f
Kisner Mrs Charlotte-f
Roy Jones-f
Tequer C E-f

SANTA PAULA

McIntosh G R-l

SANTA ROSA

Alley S J-f
Austin J S-f
Avers G L-f
Barnett & Reading-f l c
Bryant Allen-f
Burris L W-f c
Clary Paul D-l c
Crowell E H-f
Davis W S & Co-f l c
Donovan & Garrison-f c
Fidelity Realty Co-f
Gilman & Tucker-f
Hall Ben F-f
Hawley & Nathanson-f
Hoag C E-f
Hocker G A-f
Johnston R L-f
Jordan L A-f c
Locators The-f
Mayfield & Co-f
Pool W H-f
Price & Silvershield-f c
Proctor T J-f l
Prudential Properties Co-f c
Realty Co S R-f c
Reynolds W E-f
Saar Louis-f l c
Spencer B M-f c
Watson & Kelly-f

SAUSALITO

Chase Dr Chas E-f

SELMA

Good W B-l

SONORA

Burden W E-f
Elebree A E-f
Hampton C-f
McGowan Geo-f
Morgan G P-f l
Segerstrom Chas-f l c
Sutton F-f

STOCKTON

Ballantine W-f c
Bonney T P & Co-f
Bookhart F U-l c
Bradlock, Oldham & Twitchings-f
Cadle C W-c
Coal & Wooden-f
Coley-Craig Co-f
Crane Geo E Co-f
Cutting L M & Co-f l c
Dietrich & Leistner-f l c
Doolittle Co-f

Eaton & Buckley-f
Farrington & Hubbard-f l c
Fowler, Holton Co-f
Gianelli A E-f c
Goode B F-f l
Grow H H-f c
Grunsky & Hughes-f
Hamman W J-f
Hammond, Jones & Williams-f
Hodgins & Barnett-f l c
Hornage Geo-f
House Co C C-f
Keys Bros-f
Lane R P-f l
Levy B-f
Meyer MacGowan Co-f
Miller R S-f l
Nelson T A-f
Noble & Reid-f
Oullahan & Littlehale Co-f l c
Peters-Wolf-Dohrman Co-f l c
Post W H-f
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Reid Lee C & Co-f
Rhoads W J-f
Stitt P H-f l c
Storey & Triolo-f
Tully John-f
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Wilboit R E & Co-f l c
Williamson H E Realty Co-f
Wolf Geo-f l c

SUTER CREEK

Branch Bank, Amador County-f l
Dameri John-l
Norton V W-f l c
Rose W L-f l
Sarucco Frank-f
Voorheis E C-f
Weiner Fred-l

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McLane Geo-f
Scott D S-f
Simpson George C-f
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Doyle P M & Co-f l c
McGlashan C F-f
Rutherford F M-f l c
Smith C E-l

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Ballard E S-f
Beckwith & Anderson-f
Billings F-l
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Cook H C-f
Curtis Wherry-f l c
Fetting A W-f
Gill Geo-f
Haskell J D-f
Henry Chas-f
Higgins W A-f
Jones Wm H-f l c
Kemble E H-f l c
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Finney George-f
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Matthews J R-f
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Strong F O-f
Thomas J R-f c
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 Chandler Co F B—f
 Crystal E C—f
 Dalto G D—f
 Edwards W H—f
 Ellison S F—f 1 c
 First National Bank—f
 Gates T L—f
 Grant Wm—f
 Killingsworth W S Jr—f
 Lawrence W E—f
 McMillan E H—f
 Platt & Sons G H—f
 Rammers R F—f
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 Stevenson A M—f

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 Saunders W G
 Talley L K—f 1
 Warford G—f
 Wilder H E—f
 Wiley A B—f

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Bayliss W S—f c
 Hammons John W & Co
 f 1 c
 Hathaway H A—f 1 c
 Hearne N Sr—f 1 c
 Hogue-Kellogg Co—f
 McDonnell Chas B—f
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 Bell Fleetwood—f
 California Realty Co—f
 Featherstone Ed & Co—f
 Giddings C J—f
 Holley & Buckman—f 1 c
 Hughes B—f
 Jerusalem H—f
 Jordan J F & Son—f
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 McPhaill L—f
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 Reed L I—f 1 c
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 ty Co—f c
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 Murray J A—f
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Mallaby Campbell Inv Co
—f
Meston Geo D—f
Middlekamp Agency Co
—f l c
Morris C R Realty Co—f
Parker B J—f
Peach Wm—f
Pollard Inv Co—f
Price A L—f
Ragle & Co—f
Rambo Ira D—f
Ray Realty & Ins Co—f
Reno S F—f l
Robertson John—f
Ruddick M T—f
Sare J M—l
Smith O G—f
Snyder H O—l
Stickney Chas H Ag'cy
—f
Townsend S W—l
Veith J B—f
Vroom J L—f
Walker C C—f
Watkins Bros Realty Co
—f
Williams R R—f
Wilson Jos R—f

ROCKY FORD

Anderson Mrs Mary J—
f c
Beymer Arthur S—f
Boney R W—f
Bowman J W—f
Cook Charles—l
Dye R H—l
Fenlason L R—f c
Gobin W B—f
Greene D H—l
Hauck & McKelsey—f c
Hill T J—f
Latson & Boggs—f c
Long F C—l c
McClurg W J—l
Reifel P J—f
Steele W C—f c
Whitlock D T—f

SAGUACHE

Boyd W F—l c
Slane W M—f l
Tarbell Chas—l

SALIDA

Beck J S—l
Berrian E C—f
Brush F W—f l c
De Weese J W—f c
Gimlett F E—f
Gloyd F W—f c
Johnson C F—f c
McGuire B F—l
Matthews & Bromley—f

SILVER CLIFF

Haskell E J—f l c

SILVERTON

Brown Geo D—f l c
Cooper R H—f l c
Fast August—f l c
Hollingsworth E V—f
Lonergan Miss Eliza—f
Pamquist Wm—f

STERLING

Barney P D—f
Barthalow D A—f l
Brown G C—f
Brown O—f l
Burke J P—f
Davis H B—f
Fortner E R—
Funk C J—f
Hanley Mr—l
Hays W L—f
Henderson F J—f l c
Hinkley H D—f
Jackson A D—f
Jameson J A—f
King A H—f
King W E—f
Kinzie C W—l
Milford Mr—l
Naugle S E—f
Propst W C—f
Rigsby V—l
Sidel A E—l
Simons G S—f
Smith C F—f
Watts V B—f

Weaver Mr—l
Wellman E W—f
Woodard C H—f

TRINIDAD

Bailey Chas—f l c
Bennett & Wilson—f l c
Brigham E—f c
Commercial agency Co—
f c
Day E H—f c
Dunlavy Ag'cy Co—f c
East Sam J—f l c
Hammond James—l
Herron D J—l
Home Security Inv Co
The—f l c
Hubbatt Agency—f l c
McCarty & Smith—f l c
McGlashan & Gow—f l c
Madrid J M—f l c
Reese Geo—l c
Seig & Messersmith—
f l c
Tipton F M—f
Tipton C F—f
Vosbeck & Dunlavy—f c
Williams F A A—f c
Williams L W—f

VICTOR

Coates Tom—l c
Hartford R R—l c
Hopkins Mrs Emma—f
Kingsley Agency Co The
—f c
McDonald P—f c
Reagan J T—f
The Simonton-Hendire
Agency Co—f l c
Weipper P J—f c

WALSENBURG

Dick Geo—f c
Marzone Victor—f l c
Walsen & Lawson—f l c

WEST CLIFF

Adams F E—f
Beardsley G B—f c
Dickson Asa—f
Falkenberg G E—l c
Kenney W F—f
Merriam W E—f

CONNECTICUT**CHARLES E. PARKER**

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Insurance Co. of North America of Phila., Pa.

Philadelphia Underwriters of Phila., Pa., and

Alliance Insurance Co. of Phila., Pa.

50 STATE STREET

HARTFORD

CONN.

ANSONIA

Bartholomew J H—f 1 c
 Broderick D J—f
 Cohn David E—1 c
 Crossman M A—c
 Gordy E S & Co—f 1 c
 Hull A E—f c
 Malumphy M D—f
 Nelson William A—f
 Remer C E—1
 Smith Jas T—f c
 Terrell Lucius—f 1 c

BERLIN

Deming F—f 1
 Robins E G—f c
 Sugenhing Max—1
 Woods F B—1

BETHEL

Gilbert H A—f
 Gilbert W A—f
 Kyle H F—f
 Smith J C—f
 Woodman Howard H—f

BRANFORD

Barker Earle A—f
 Bradley J A—1
 Callahan J P—f
 Clapp W H—c
 Foote W R & Son—f
 Goldsmith Fannie P—f c
 Griswold Samuel A—1
 Hooley B F—f
 Isbell E E—f c
 Johnson G—1
 Kinney F J—f
 Martin C H—f
 Morton I W—1 c
 Robins H G—f
 Upson J E—1

BRIDGEPORT

Anderson Percy P—f 1 c
 Anderson & Co—f 1 c
 Antignoni A M—c
 Apgar W F—1 c
 Apsstein David—1
 Banks John W—c
 Beardsley Clifford W—f 1
 Beers G B—c
 Blackman H L & Son—f 1 c
 Blatz W D—f c
 Bonnyman Bertha—c
 Boothe David B & Co—f c
 Bradley J C—f
 Bridgeport Land & Title Co—f 1 c
 Broderick Richard H—1
 Brown Fred E—1
 Brown B H—c
 Brown R H—1
 Brown R P—f
 Buckingham Walter T—c
 Burr & Knapp—f c
 Castle Clifford E—1 c
 Castlin & Bright—f 1 c
 Chamberlain W W—1
 Clark Alfred H—c
 Clark Roy E—f 1 c
 Cogswell Geo W—f
 Cole Chas C (Inc)—f c
 Connolly R T—1
 Converse H B—1
 Cooley R W—1 c
 Cooney Bernard—f 1 c
 Coogrove Cath E—1
 Cowan P A—1
 Crossley J H—f 1 c
 Cubelli Jos—c
 Curtis E P—1
 Darling L R—1
 Delbis Jos L—f
 Devine James—1
 Devitt & Co—f
 Edgar A J—1

Edwards Chas A—f 1 c
 Edwards Louis R—1
 Farren F A—1
 Fisher John J—f 1 c
 Fraunberger E L—1 c
 Gale Thos B—1
 Garner Wm & Son—f c
 Gaynor J F—1 c
 Giddings & Hughes—c
 Gill L J—c
 Goldbach Chas—c
 Goldman H—c
 Goodsell G W & son—f 1 c
 Goodsell Zalmon & Co—f 1 c

Graham W R—c
 Greenhill A A—1
 Griesinger Wm & Son—f c
 Griswold A W—f 1 c
 Harris H—1
 Hasbrouck F E—1
 Hatfield W A H—f 1 c
 Hatheway Geo T—f c
 Havrilla A—c
 Herman Warren S—c
 Heake A—c
 Hirsch Marcus—f 1
 Hoffman F R—1
 Hubert C—c
 Hull J D—c
 Hurlock Bertha M—f
 Hurlock E W—1
 Johnson John A—1
 Kenney Michael A—f
 Kerns P H—c
 Kochias J L & Co—f 1 c
 Les Bernard F—1
 Lindskog Eric—1
 Lineburgh Caraher & Co—f c
 Lineburgh W G & Son—c

Loewith S & Co—f 1 c
 Lyon H M—f c
 McCutcheon E M—c
 MacGregor James—f 1
 Mando A H—c
 Miller Paul—c
 Minter John J—c
 Moore John W—1 c
 Neal Arnold A—f c
 Nelson J F—1
 Nichols W J—f
 Okleyewig Francis—f 1
 Orton E J Co—f c
 Phelan Jerome—c
 Phelan Bros—f
 Phillips C W—1
 Pike Benj F—f
 Pinkerman W & Co—f
 Prendergast Wm B—f 1 c
 Price W J—1 c
 Pugh Jas L—c
 Quint Joseph—1
 Rahrig S F—c
 Redfield W M—f
 Richardson Geo H—c
 Ripley Edwin L—1
 Robinson F D—1
 Robinson Miss Emily—1
 Ryburn J J—f
 Saltman H B—1 c
 Sears J M—c
 Selleck J F Jr—f c
 Senger Henry J—c
 Smith C C—1
 Smith John—c
 Spafford & Malette—c
 Staples Jas & Co—f c
 Stein Max—1
 Teach Gustave C—1
 Thompson C E & Sons—f
 Tolman Wm—1
 Treadwell E E—c
 Vars M T—1
 Walsh Bros—f
 Warner John A—1
 Warren Tracy B—f 1 c
 Watson David F—f

Watson T L & Co—f c
 Whitney D R—f 1 c
 Whitney Robt G—1 c
 Whitney & Sturgis—f c
 Williams Arthur Jr—1
 Williams E S—c
 Wilde Jonathan—c
 Wilson A M—1
 Wilson W C—c
 Winter & North—f 1 c
 Withington Aug 1—c
 Woods G E—f
 Wootton Chas L—1 c
 Zimmer Bros—f

BRISTOL

Beckwith C B—1
 Coughlin J J—1
 Cray James—f 1 c
 Dunbar E L—f c
 Gordon Chas N—c
 Heffernan Daniel J—f 1 c
 Holden Jas F—f
 Mason C V & Co—f 1 c
 Muzzy A J—f 1 c
 Peck M L & Son—f 1 c
 Snow Worthing V—f 1 c
 Spicer Walter E—f 1 c

CANAAN

Dutcher C T—1
 Finney Edwin C—c
 Fuller Allyn—f 1 c
 Lansing J H—f c
 Whittlesey & Adam—f c

COLCHESTER

Adams W P—f
 Baker A A—f
 Buell & Willard—f 1 c

COLLINSVILLE

Darling Chas S—f
 Humphrey Harold—f 1 c
 Jenkins C S—f 1 c
 Jones Henry P—f
 McGarrigle Frank—1
 Mitchell Munroe E—f 1 c
 Perkins H B—f
 Sullivan Wm H—f
 Thayer C W—f

CROMWELL

Barrows-Cadella I—f 1 c
 Beaumont T W—f
 Boardman A—f
 Bowers Edw W—f
 Buggie W H—1
 Butter Ralph S—1
 Edwards & Jones—f
 Jewell Harvey—1 c

DANBURY

Alexander R S—c
 Bailey E W—c
 Booth J R—c
 Bulkley N T—f 1 c
 Conley F S—c
 Corbett D T—f 1 c
 Cottermole A—1
 Crofutt F B—c
 Davis Howard H—f 1 c
 Fay J F—f 1 c
 Higgins J S—f
 Hodge Eber A—1
 Krom Arthur G—f 1 c
 Mayer Sol—f
 Merrit G W—f 1 c
 Olmstead Wallace G—f 1 c
 Pearce Reuben B—f 1 c
 Pierce F W—c
 Reed L—f 1 c
 Schoonover C A—1 c
 Sheehan E—1
 Stevens H B—1 c
 Stevens Chas W—1
 Taylor C L—f 1 c
 The Stevens-Hodge Corp—f 1 c
 Wildman W E—f 1 c

DANIELSON

Bill A G—f 1
 Brown Geo S—f 1
 Kelley W P—f 1 c
 Pellett Ray—1
 Wilbur E B—f 1 c
 Wood E O—1 c
 Woodworth A V—f

DERBY

Atwater Wm C & Sons—f 1 c
 Birdseye T S & Son—f
 Booth Edward N—f
 Byrne R J—f
 Dziadiah Gabriel—f 1
 Hickey Brothers—f
 Home Trust Co—f c
 Johnston John F—1
 McEnerney J I—f
 McMahon D E & Co—f c
 Reilly J W & Co—f
 Sloan C H—f c
 Sloan W E—f 1 c
 Wall John P—f
 Wernsman Charles A—f
 Whitney Herbert L—f c

EAST HADDAM

Comstock W S—f 1 c

EAST HARTFORD

Bell R H—f
 Jensen H A—f
 Liebert A C—1
 Merriman Chas Co—f 1 c
 Olmstead Carroll & Co—f c
 Roberts Homer C—f

ENFIELD

Brainard H K & Sons—f c
 Burbank Clarence—f
 Davis Henry—f
 Hathaway Allen B—1
 Oliver Geo—f
 Potter J H—f

ESSEX

Coulter Thomas D—1
 Deming Niles O—1
 Hutchinson John I—c
 Knowles M C—1
 Parker L P—f c

FAIRFIELD

Pickett E W S—f c
 Wakeman Bacon—f

FARMINGTON

Crاندall H L—f 1 c
 Root Lewis—f c

FORRESTVILLE

Gillern J A—1
 Holden J F—f 1 c
 Matthews F R—c

GLASTONBURY

Carrier Geo H—f
 Carter C P—f c
 Curtis Frederick R—c
 Garrity F W—1 c
 Gildersleeve Lloyd—f
 Hetschell E A F—1
 Hollister A E—1
 Holmes H J—1
 Olcott Frank L—1 c
 Outtrim E W—1 c

GREENWICH

Bearn George E—f 1 c
 Cameron Charles—f c
 Chamberlain Robt L—f
 Cooke Thomas N—f 1 c
 Dayton Henry—f
 Duff James F—f 1 c

WALTER L. WAKEFIELD

FRANKLIN A. MORLEY

GEO. I. WATSON

ESTABLISHED 1847

Wakefield, Morley & Company

General Insurance Agency

252 Asylum Street, (Hartford Life Building) Hartford, Conn

Private Telephone Exchange Connecting All Departments.

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CALEDONIAN, COLONIAL, DETROIT NATIONAL, NIAGARA,

PEOPLES NATIONAL, ROYAL, UNITED FIREMEN'S

FIDELITY DEPOSIT CO., Balto.

ROYAL INDEMNITY CO., N. Y.

NATIONAL LIFE INSURANCE CO., Vermont

Agents for Hartford and vicinity of 25 Insurance Companies

Ferris Wm J—f
Finnegan Frank—f
Finney B F—f c
Franklin Edson—f
Mead Elkanah—f
Meany Wm S—f c
Montgomery Chester—f
Ritch Gilbert M—f
Ritch Wm E—f
Thompson Raymond B—f
Timmons L—f c
Wellstood Robt & Son—f l c

GROTON

Allen Frank W—l
Baker M Milton—l
Bailey Henry L—f c
Cone A—f
Denison Walter R—f
Edgecomb Frank J—f c
Gallup Frederick—f l
Morgan Lydia E—f

GUILFORD

Chapell R D—l c
Dudley W A—l
Griswold Chas—l c
Keast Wm G—l
Monroe James H—f
Post Charles H—f
Rolf Frederick H—f

HAMDEN

Badger Robert E—l c
Clark Charles F—f
Kenyon Walter T—f
Spencer Frank N—l
Warner E G—f
Webb Paul—f

HARTFORD

Abbey Fred G—l

Allen, Russell & Allen
299 Pearl Street
Hartford, Conn.

Fire, Marine and
Tobacco Insurance

Alverson David S—l c
Anderson J Verner—f l c
Archer Eugene S—f
Baker W E & Son—f l
Barker E B—f
Barton M H—l c
Beardsley & Beardsley—f l c
Beardsley Elliott G—f
Beckerley Wm R Co—c
Benjamin S R & Co—f c
Birdseye A J—l c
Bliss Harry E—f
Blumenthal Max—f
Boynston K W—l
Brewster James H—f

Bridgman Robt L—l
Bronk F—f
Buck Howard C—f
Buckland Chas E &
Chas E Jr—l
Burgey F W—f
Butts Jos & Son—f
Buttersworth Paul M—f c
Campbell & Aeneay Co—f

Carvalho B W—f
Carroll J R—f
Case A C—f
Chapin Agency—f
Chapman R F—c
Chapman Silas Jr—f l c
Clarkin J H—f
Conklin H W & Co—f l c
Conway Chas J—f

Cornwell S D—f
Cosgrove P A—f
Cowles E S—f l c
Coyle James L—l
Culver B M—f
Daly John E—f
Deacon W H—f
Doty S C—f
Dunkum R O—l
Fisher Geo B—f c
Fothergill John V—f
Fox T E—f

Furnival G M—l c
Gagnon O D & Co—f
Gilligan Wm & Co—f
Goodenough H B—c
Godbee Jas M—c
Gorton J C—l c
Gorton P G—l c
Griswold Fredk A—l
Hammer F H—f
Hannah Chas C—f
Hartford Realty Co—f
Helion John J—f
Herrup S E—f
Hill Herbert C—f
Hinckley A G—l c
Holt Chas E—f

Hooker & Penrose—f c
House Albert H—f
Howard A E—f
Howe Horace S—f c
Johnson Agency—f l c
Johnson M W—c
Kaplan David & Co—f c
Keane Jas H—f
Kennedy Jos P & Co—f
Knox Arthur S & Co—f l c

Knox Harold—f
Knox John B Jr—f
Knox R C—f l c
Krotashiner Jos—f
Lamb John W—l
Leroy & Marzan—f
Lewis Arthur & Co—f l c
Long H C & Co—f
Loomis John C—f
Loyden Fred R—l c

McEvoy W J—f
McManus & Holcomb—f l c

Marquardt H C—f c
Mayer Jerome—f c
Miner Chas H—c
Merriman The Chas
Agcy—f
Newfield Edw & Co—f
Newton Loomis A—f
O'Brien Edw F—f
Parker Chas E—f
Penrose Howard M—c
Potter Geo B & Co—f
Rice R J Jr—c
Richards & Thompson—l
Ripley G W—l c
Robens Lee C—l
Rogers, Roger & Rogers—f l

Royall W L—l c
Rusk C M—f l c
Sanborn W A—f
Scheide W C & Co—f
Schreiner Carl—f
Schuchhardt Chas—f
Schwab J—f
Seide & Co H W—f
Seide R—f
Shepard Chas E—l
Shepard & Roberts—f l c
Small F F & Co—f l c
Smith Frank G—f
Smith Robert K—l
Smith W N—f
Snow & Co—f
Snow & Thieme—f
Staples Geo W—l c
Starkweather Chas M—f
Stockder & Gaines—l
Stone D G—c
Sturham C F—f
Thompson A R—l
Thompson John L—l c
Wakefield, Morley & Co—f l c

Ward Wm—f
Watson Geo I—c
Webster & Co—f l c
Whitmore H B—f
Williams Fred H Jr—l c
Woodford Alton E—f c
Young H S—f

HAZARDVILLE

Bridge A G—f l c
French W E—f l c

JEWITT CITY

Burdick A C—f c
Hourigan John A—f c
Leonard J E & Son—f c
Webster Herbert C—f c

LITCHFIELD

Clock, Elgin—f
Duffie & Clark—f l c

Marsh, Wm T—f l c
Mason F B—f l
Weeks Eli D—l

MANCHESTER

Bosso Angelo—l
Carney Robert E—f l c
Clark F B—f l c
Duffy Elmer—f
Kelley Wm—l
McKeever Geo—l
Manning Frederick R—f
Modene Fitz—l
Rich R G & Co—f c
Rohan James—f
Skinner A H—f l c
Smith Robt J—f l c
Vibberts H L—f c

MERIDEN

Borst F C—l
Chamberlain A R—l
Cloonan Jas F—f
Cooke Florence M—c
Decker & Gumprecht—f
Elmark F J—f
Elmore The C H Co—f l c
Gardner A H & I—f l c
Holt & Stevens—f l c
Mischler Geo—f
O'Neil & Flynn—f
Page & Pardee—f l c
Plumb Josephine M—l
Reynolds M G—f
Squire The W H Co—f l c
Stowell W O Jr—f l c
Strickland & Dreher—f l
Twiss Bruce C—l
Tyler Chas H—c

MIDDLETOWN

Annino Jos S—f
Babcock Sam'l—f
Bacon J E—f c
Boughton A L—f
Bouteiller W H—l
Brainerd Olyn A—l c
Butler's Ins Office—f l c
Chase Daniel W—l
Coughlin & Coughlin—f c
Edwards & Jones—f l c
Guy & Bullock—f l c
Hull Wilbur S—f l c
Lawton Jas—f c
Santangelo Lee—f c
Wright John L—f

MILFORD

Brotherton W B—f
Caywood Anna E—c
Chester Clark—l
Durand W C—f
Fowler C M—f c
Irving Walter M—l

CONN.—Milford.

Con.

Milford Trust Co—f
Munson George W—f
Platt C W—c
Roberts G A—f
Smith Geo J—f
Smith H C—l

MONTVILLE

Bradford G H—f

MYSTIC

Denison Daniel B—f l c
Hinckley Frank H—f
Hoxie John H & Son—f
Packer T E & Co—f l c
Phillips John W—f l c

NAUGATUCK

Bingham S D—f c
Dayton, Rumney & Wigmore—f l c
Hungerford C F—f c
O'Loughlin Thomas—f
Sweeney Jas E—f l c

NEW BRITAIN

Abrahamson J A—l
Alford F H—f l c
Atwater J F—f l c
Barnes L M & Co—f
Cadwell Frank S—l c
Christensen Agency—f l c
Cox & Dunn—f l c
Crandall R E Co—f l c
Crona Peter—l
Danielson Aaron—f l
Deming J O—l c
Edelson Louis & Co—f l c
Gillin Chas H—f l c
Hatch The W L Co—f l c
Holmes F W—l
Home Banking & Realty Co—f l c
Humphrey H D—f l c
Latham W E—f
Morton Harry E—f l
Munson E H & Co—f
Murray P J & Co—f c
O'Brien Terrance H—l c
Parson D A—f c
Quigley Geo A—f l c
Riley DeWitt—f l c
Schultz & Costello Inc—f l c
Star Real Estate & Ins Co—f c
Stark Co The—f l c
Steele Chas E—l
Sterns & Lockwood—f l c
Tracy W C—c
Upson A W—l c
Watson James J—f l
Zimmerman F M & Co—f l c

NEW CANAAN

Baxter W S—f l
Green F E—f l c
Morse R B—l
Wheeler W A—f l c

NEW HARTFORD

Goodwin Scott G—f c
Jones Clarence E—f c
Jones Frank W—f c
Jones H Roger—f c

NEW HAVEN

Adams Donald—l
Adams John—f
Allen H W—l
Allen Henry P—l
Andrew Clarence C—l c
Anthony The Willis M Co—f c

Badger Robt E—l
Bahr W J—l
Bailey Chester A—f
Baker James—l
Baldwin Jos B—l
Barclay A H—l c
Barnett Wm—c
Batch Henry J—l
Bates S W—l
Beckley Franklin E—l
Beebe H F—l
Beecher Realty Co—f
Beers Robt A—l c
Bishop & Co—l
Blake C A—f
Blakelee Waldo S—f
Blatchley Jacob E—f c
Blin J S—c
Bollman F E—c
Bowen Raymond B—l
Brackett Wm H—l
Braddock Henry A—f
Bradley Geo—l
Bradley J C & Co—f c
Bradley Walter—l
Bretzfelder H C—f l c
Bromley Chas B—l
Burton's Ins Agency—f c
Callahan Eugene A—l
Campbell Jas P—l
Cannon, Morse & Co—f c
Christensen H E—l
Coan & Bunnell—f c
Condon John A—f c
Cooke Ed F—l
Cooper F G—f l
Cornell Leo—l
Dayton Willis M—l
De Vita Enrico—f l
Del Greco Eugene S—f
Dillon & O'Brien—f
Dray E L—l
Dudley F A—f
Dunn John E—l
Eberth Frank C—f c
Ellithorpe Ira V—f c
Eas B F—l
Evarts Frank A—l c
Failer Thilo—l
Fay Harold—l
Fields The W T Co—f
Fienstien Louis—l
Finler F W—c
Fitzgerald W E—f
Flynn James F—f l c
Gates T V H—c
Gilson Thos L—f c
Gillette John B & Son—f
Gillon Edmund St. L—f c
Gluckman J—c
Gordy E S—l c
Granel Frank R—l
Grodin M F—l
Gunn Ed J—l
Gurian M W—l
Hallock E E—l c
Hamilton F S—f l c
Hart S W—l
Hauff John A—f
Hays & Allen—f
Helsenbeck M—c
Hemingway & Chamberlain—f c
Herz H—f
Hill Chas R—l
Hoadley & Hoadley—f
Hoskins Burton L—f
Hotchkiss William M—f c
Howarth Thos S—f l c
Hugo's Philip Sons—f l c
Hunt Fred K J—l
Jones N H—c
Judd Reginald—c
Kautz R L—f c
Keane & Donnelly—f c
Kelley Geo E—l
Kelly James B—f
Kennedy J B—l
Kerrigan J C—f l c

Ketchum-Wellington—l
King Ed G—c
Kirk William A—c
Kleiner M—c
Kohn Bros—f
Leonard M J—l
Lincoln Allen B—l
Lindley Est R Lea—f
Lomas & Nettleton—f c
Ludington M E—l
McGann James E—f
McNeil V F & Co—f c
Macy P G—l
Maher J P—l
Main Walter A & Son—f c
Mansfield Louis A—f
Mason Co The—f c
Mason Frank H—f
Maurer John F—f
Metzger Fannie—f
Moeller C R—f
Morris Geo E—l
Morse W A—c
Mortgage Inv Realty Co—f
Munigle John T—f
Nettleton G E—l
New Haven Real Estate Title Co—f
North's Ins Agency Inc—f l c
Notkins Matthew A—f
Oggeson J O H—l
Patten & Eaton—c
Peck G L—f l
Perry Wm C—l
Peters J S—l
Phelps Albert H—l
Podoloff Abraham—f
Porter C H—l
Powers J J—c
Pratzner Jules—f c
Pupe Antonio—c
Reed J F—f l c
Rice F J & Co—f c
Rice Morris—l
Richards Benjamin F—l
Robinson O B—l
Rollinson Fred K B—f
Rosan C D—c
Rosenbluth Louis M—f
Rove H K—f
Russo Paul—f
Ryder Mark—f
Sausser J H—l
Schiffer W B—l
Schmermond J F—l
Shepard H H—f
Slayton Lucius C—l
Sloan John T Co—f
Smith Elmer E Co—f c
Smith G—l
Smith Joseph H—l
Snyder Wm H—l
Spiro Adolph—l
Spreyer Charles—f
Sternschuss L—l c
Stetson Isaac M—l
Straub M—f
Sturtevant R L—l
Swezey & Kelsey—f l
Taintor Nelson C—l
Thompson C E & Sons—f c
Tice J W—l
Townsend Fred P—l
Underwriters Agency Co—f l c
Wallmo Pere G—l
Ward Fred K M—f
Ward Fred K S—f
Warren Herbert C & Co—c
Weaver E H—f c
Webb Paul—c
Weld N J—f c
Weld Wm E—f c
Welch Lewis S—l c
Wilson Chas & Co—f c
Yeomans C S—l c
York S A—c

NEW LONDON

Adams A—c
Buckley D M—l
Chappell Wm S—f c
Coit Wm B—l
Colonial Realty Co—f c
Crandall F D—f c
Crandall Lewis—c
Daboll E V & Co—f c
Dillon Thos C—f
Doton Ed S—l
Edgar Janie L—f c
Graves J M—f l
Hill James H—f c
Hollandersky Meyer—f c
Holt Fremont A—l
Johnson Wallace—f c
Learned J C & Sons—f c
Lord R & Co—f
McGinley Bros—f c
May Jas R—f c
Miner S H—f
Farabee C F—c
Farabee F H—f c
Prince S—f
Real Estate Exchange Inc—f c
Sauter E L—l
Sheridan P A—f c
Shurts P H—f c
Shurts A H—c
Stearns A C—f l c
Weaver H C & Co—f c
Whitcomb H F—f c

NEW MILFORD

Mygatt R F—f l c
New Milford Security Co—f c
Todd C A & A G—f l c

NEWTOWN

Bartram D S—c
Curtis H H—f
Holian Thomas M—c
Leonard W A—f l c
Mitchell Robt C—f
Pitzschler Edward S—l c
Skiff Chas W—l
Waterhouse Irwin W—l

NORFOLK

Collar Walter W—l
Cowles Joseph N—f l c
Johnson P W—l
Selden S A—f c
Standard H A—l
Stoeckel R B—f c

NORWALK

Balcom Thomas C—f c
Byington William H—f c
Curtis Chas E—f c
Dann Horace E—c
De Pierue Otto—l
Field Frederick H—f l c
Hayes John T—f c
Hull D S—f
Lawrence John M—f l c
Layton J M—f
Mead Melville E & Son
O'Brien Peter O—l
Raymond & Pollard—f
Stuart Edward C—i
Taylor & Golden—f l c

NORWICH

Beckley T H—f c
Beckwith A A—f c
Case J L—f l
Clark A A—l c
Craney J F—f c
De Pierue Otto—l
Donohue F D—f c
Driscoll E J—l
Fontaine L J—f c
Fuller J E & Co—f l c
Guy Tyler D—l
Hewitt G L—c
Higgins E W—c

Hill Wm F—f
Hull G Curtis—f c
Jones Isaac S—f
Knox Herbert L—l
Lathrop J L & Son—f c
Learned B P & Co—f l c
Mabrey L—l
Moran John A & Son—f c
Murtha F J—l
Nicholas Tarrant & Co—f c
Palmer & Rogers—f
Parker John F—l c
Prentice E A—f
Root E T—l c
Royce F I—f c
Wergasen H D—l
Young Wm B Jr—f c

PAWCATUCK

Burdick A E—f
Casey W H—f c
Cowley Thomas—f
Girven Samuel—f
Higgins Michael—f
Hillard Dr W H—l
Martin Aubert G—f
Prentiss I Edw—f
Whiteford Edwin—f c

PLAINFIELD

Adams S L—f c
Danielson B W—f c
Goyette Louis—c
Jerome Chas A—f l c
Mott Arthur E—l
Salisbury E A—f
Salisbury E E—f c

PLAINVILLE

Hart F A—l
Hastings F D—l
McLeod A A—f c
Ryder M P—f c

PORTLAND

Butler J Allen—f l c
Butler & Co—f l c
Edwards Chas H—f c
Goodrich H W—f l c
Hjalmar Bostrom—f

PUTNAM

Carpenter J R—f
Davis Frank O—l c
Fuller Lucius H—f l c
Geissler Mahlon H—f c
Gorman Richard—f l c
Mann J H—f l c
Seward F W—f l

RIDGEFIELD

Cornen C A—f l c
Crane Thaddeus—f l c
Davis H H—f
Denton S S—f
Gilbert R L—c
Hoyt & Wildman Agcy
The—f
Kennedy Thos J—f
Mignery Geo A—c
Reed Louis—f
Sargent Geo A—c

ROCKVILLE

Bissell L & Sons—f c
Bodman Harry—l
Carroll James—l
Fabey John E—l
Garvan Thomas—f l c
Hayward Mrs Arthur—f
King L C—f
Knebel Edward—l
Randall & Randall—f
Rice Geo C—l
Scheiner Henry—l
Scott Mrs A E—f
Thomas John B—f l c

SALISBUARY

Finnegan Thomas—l

SAYBROOK

Burke Edw G—c
Marvin Chas R—f l c

SEYMOUR

Atwater C J—f
Boies C S—l
Culver S Hart—f c
Howard Henry—f
McNerney M E—f c
Seymour Trust Co—f c
Strapp John—f

SHELTON

Atwater W C & Sons
Beard Bennett N—f l
Bentley Jos W—l
Charamalia Peter—c
Cohn David E—c
Fuller Chas W—l c
Gaynor M J—l c
Pender John F—c
Shelton Bank & Trust
Co—f l c
Sloan Chas H—f
Warner H H—c

SIMSBURY

Chandler W Woods—f l c
Eddy John C—f
Eno Geo C—f
Gemlot H A—l
Hall Chas W—f l
Marks H H—l c
Pattison Geo E—f l
Phelps J O—c
Small F F & Co—f

SOUTHINGTON

Brown Franklin G—f
Elliott Richard—f l c
Gridley J W—f l c
Hemingway-Lewis Ins &
Realty Co The—f l c

SO MANCHESTER

Rich Geo F—f
Skinner A H—f l c
Viberts H L—f

SOUTH NORWALK

Becker F C—f
Canty Thos H & Co—f
l c
Crocket Wm G—f l c
Dokus Stephen—f
Dreher Chas L—f
Field Fredk H—l
Hull Dennis—f c
Lawrence J B—f l
Layton J M & Co—f l c
McGovern Chas T—f
Powers, Ladrigan & Co
—f
Taylor & Golden—f l c
Wilcox S—f

SOUTHPORT

Perry H H—f c

STAFFORD SPRINGS

Converse J C—l
Hanley W E—f
Harwood Chas F & Co—f
l c
Heald W H—f l c
Murray Patrick—l
Sanford F G—l
Siswick George—l

STAMFORD

Abbott G H—f
Anderson J M—f
Ayres E M—f
Benninghoff F S—l
Bell Harry—f c

Bishop & Rockwell—f l c
Blackman D H—l c
Brown F J—f
Finney John—f
Fitch Gilbert L—l
Fitzgibbon R J—f
Foote H W—l
Gurley F B—f
Hanrahan John T—f
Hoyt Thomas—l c
Jenkins Geo—f l c
Jessup W H—f l c
Jones Chas S—f
Jones & Valentine—f c
Kimball A J—f
Krumreine Guy S—f l c
Miller Herbert S—f l c
Rhinehart L D—f l c
Taff Fred A—f
Valentine & Vick—f l c
White W N—f c
Wood F P—l

STONINGTON

Anderson Jerome S—f
Hammond Lewis E—f l c
Hull A C—f
Robinson Geo H—f l c
Ryan John H—c
Trumbull Frank—f

STRATFORD

Allen Edw P—l
Belden Isaac L—l c
Booth D B—f
Burton F B—l
Davis Jas W—f
Eposito Vincenzo—f
Foster Chas B—c
Mathews Chas O—f
Parkerton Asa L—c
Peck & Wood—f
Peck C H—c
Peck Louis E—f c
Rhoades David L—f
Sammis Frank R—f l c
Smith Geo J—f
Stevenson McLeran—f
Stowell James—l
Thompson J W & Co
Agency—f
Wilcoxsen Albert & Son
—f

SUFFIELD

Burbank W E—f
Corrigan E M—l c
Crane Amos B—f
Graham Bros—f c
Prior C H—f
Reid S N—f l c
Root James N & Co—f
Spencer Chas L—l c
Spencer Clinton—l c
Wilbur E E—f c
Wilson W J & Son—f l c

TAFTVILLE

Collins John T—l
Benoit Adolphus—l
Fontaine John C—l
Kendall Wm C—l
Kinder Ralph—l
McCarthy Joseph H—l

TERRYVILLE

Fenn J C—f
Haase Oscar—f l c
Sturr J—c

THOMASTON

Burley Thomas—l
Canfield Thomas—f
Carr Jas—l
Lyons Thomas M—f
Stoughton Henry E—f c
Thomas E A & Co—f c

THOMPSON

Covell Marcus A—f c

THOMPSONVILLE

Brainard D & H K—f c
Brown F J—f
Burbank C D—f c
Dutton F O—f c
Gorman M J—f
Gowdy Tudor—f l
Gowdy Willis—f
Hannebery Patrick—l
Hughes W J—f
Mellor John—l
Mulligan W J—f c
Palmer N P—f l c
Sexton W G—l c

TORRINGTON

Batters Jas—f
Bogardus L—f c
Brooks & McNeil—f l c
Burns E J—f
Burns T M—f c
Handlin J L—f
McLaughlin Thomas P—f
l
Mallette J E—f l c
Penley Geo—f
Raiano Charles A—f
Reid J B & Co—f l c
Wilcox A H & Co—f l c

UNIONVILLE

Fuller Harry—l c
Georgia C T & Co—f l c
Humphrey Lucius E—f
McMahon T L—l
Reeve John A—l
Rourke Thos S—f c
Wetherbee Mabel E—l c

WALLINGFORD

Cook L R—f
Cowles Dixson—c
Davis Henry L—f c
Downes Michael F—f
Griffin P J—f
Haggood Wm H—f
Harrison R—f
Hill Chas C—f c
Martin J A—f
May Edwin—l
North & Lonauette—f c
Peneman Harry F—f
Phelan John G—l
Roach James C—f
Wilkinson A K—f

WASHINGTON

Bader W J—l
Barrett Cras O—l
Hickok Wm B—f
Kilborn Frank J—f
Lyman Harry L—l
Seeley S F—f c
Stilson J B—l c

WATERBURY

Atwater W C & Co—f c
Atwood Henry W—f l c
Bronson & Dennison—f
l c
Brown F J—f c
Campbell S E—l
Carmody M F—f
Carter L R—f
Geraghty John J—f c
Hauser Alexander H—f
Hynes J A & Son—f c
Judd & Tuffer—f c
Kaiser M—f
McEvoy M J—f
Root & Boyd—f l c
Rowlands H L Ins
Agency—f l c
Ryan John—f l c
Schlegel W J—f c
Segur H D—f l c
Simmons Frank W—l
Tierney D H—f c
Welton N J—f c
William S P & Son—f

CONN.—Con.**WATERTOWN**

Bidwell Chas W—f
Kelly T J—f l
Magee R V—f l
Rowland's Ins Agency—
f l c

WEST HARTFORD

Andretta A S—f
Hiscock L P—l
Roberts Chas F—f
Rockwell & Dart—f
Scarborough G F—f
Small F F & Co—f
Smith F S—f
Whitmore H R—f
Wrightman & Hough—f c

WEST HAVEN

Blake Chas O—f
Chamberlain Chas G—f
l c

Chandler L P—f l
Crane L P—f l
Main W A & Son—f c
Orange Bank & Trust Co
—f

Richards Benjamin F—
f c
Skiff Walter S—f

WESTPORT

Banks Wm H—f c
Hyatt J G—f c

Morton Jas—f
Penney Wm F—f
Raymond F M & Co—f
Sherwood H R—f l c

WETHERSFIELD

Adams Mabel H—f
Bannon J Elmer—l
Cruttenden W B—f
De Lamater R W—l
Goodale A R—l
Griswold F A—f
Hart E H—l
Robbins Fanny M—f
Savage W W—f
Story A N Jr—l c
Teale Henrietta—l
Wilcox Edmund M—f
Woodhouse E G—f

WILLIMANTIC

Adams A B & Co—f c
Arnold L H—f l c
Baldwin J B—l
Blanchette & St Martin
Co—f
Bowen A J—f c
Comtois David P—f
Elliott Geo S—f c
Harries James—f l
Hills P S—f c
Kelly Thomas J—f c

Lincoln & Boss Lumber

& Coal Co—f l c
Lyman D A & Co—f c
Morlarity Michael—l
Mustard James P—l c
Morrison J H—l
St Martin Wilfred—l
Sullivan Michael—l
Sweeny W J—f
Twomey James—f l

WINDSOR

Barber Strong H—f
Cowan K B—l
Cutter H L—l
Dann Howard B—l
Down Edwin G—f
Eddy Norman T—f
Frost Ralph W—c
Gamerding C W—l c
Gilligan Wm & Co—f c
Goalce C H—f
Harvey W E—f
Hayden O M—l
Holroyd F H—c
House Albert H—f l c
Jones Amanda K—l
Kernan E J—f
Lennox A E—l
Loyden F R—f
Mastaglio Geo W—f
Ransom Julius E—f
Small F F & Co—f
Scarborough G F—f

West Frederick A—l c
Wilson Leland P—f

WINDSOR LOCKS

Coogan Jas T—f c
Cutler Henry L—c

Maier Edward—f l
Mather V L—f c
Outerson James—f c
Shea Daniel L—l
Sterling Gilbert B—l

WINSTED

Carrington G M—f c
Claffin Chas—f
Dart G W—f c
Frery R S—c
Hagan Samuel—l
Hayes M T—l
Messenger Merritt—l
Moore C B—f l c
Moore D S—f l c
Moore Ins Agency—f l c
Pierre Henry J—f c
Reidy E L—f
Shelly J P—f
Smith Jas—f

WOODBURY

Allen L J—f
Capewell C H—f
Mitchell & Capewell—
l c

DELAWARE**DELAWARE CITY**

Clark W H H—f
Stanley P—l

DOVER

Denney Wm D—f
Dover Ins Agency—f c
Fisher C W—f
Hazel J H—f c
Morris & Dawson—f c
Slaughter & Baker—f
Stott Robt—l
Watson Amos A—f

GEORGETOWN

Mustard W B—f
Robinson & Co—f

LAUREL

Ellis W H—l
Fowler E M—f
Gunley C S—l
Kenney S L—f
King Harvey—l
King Wm F—l
Moore W W—f
Phillips C L—l
Rodney W K—f l c
Spicer J D—l
Wootten E E—f

LEWES

Maul & Ingram—f c
Marshall C C—f
Vickers P B—f

MIDDLETOWN

Beaston Eugene—f
Beaston H S—l
Cox A G—f
Letherbury W S—f
Vallient J R—l

MILFORD

Barker Charles—f
Carlisle Dr P T Jr—f
Causey T P Esq—f l c
Herring Wm G—f
Holcomb T C—l
Marshall G Chester—f
Short & Hall—f
Will Howard—l
Williams Robt H—f

MILLSBORO

Houston Henry A—f
Lingo C—l
Quatlander H P—f

MILTON

Conwell Wm W—f
Hopkins Robert B—f
Lank & Black—f
Megee G E—l

NEWARK

Donnell S M—f
Hossinger J—f
Taylor Wm H—f
Wilson J P—f

NEW CASTLE

Bungy Howard M—l
Eliason J T & L E—f
Hickman William—l
Holiday H—l
Kline J R—c
Lancaster B F—c
McClurg Grover—l
McGrory Patrick—f
Wise Loomis O—l

ODESSA

Brown J G—f

SEAFORD

Brown N H—f c
Curtis, Laura—f
Heuston G M—f
Hurley Leon S—l
Lank Wm T—f
Miller W H—f
Roach G W—l
Willin M—f

SELBYVILLE

McCabe Caleb L—f
Selbyville Mfg Co—f
Townsend J C Jr—f
Williams & Scott—f

SMYRNA

Boyer Hy D—f l c
Hoffecker W O—f l c
Reynolds S J—f

TOWNSEND

Hodgson Richard—f l c
Maloney Daniel B—f

WILMINGTON

Allen & Montgomery—f c
Bird, Ford & Co Inc—f c
Burnet & Saulsbury—l
Bye Ben—f c
Cleaver S G—f
Cox Charles D—f c
Crary A A—l
Faulk Lambert J—f
Fisher Wm J—f
Gibbons & Moore—f
Gilpin Van Trump &
Montgomery (Inc)—f c
Gurney Chas—l
Hawkins & Co—f
Highfield Wm J—f
Knox W W—l c
Kreer Geo W—l c
Lupton R C & Co—f c
Lusley Robt W—c
Moore & Hawke—f
Morris Wm T—c
Owens James B—l
Palmer Chas B—l
Pierson C E—f l c
Price James F—l
Ratlidge J P—f
Richardson J R—f
Shepperd Frank—l
Smith M C—f c
Swartz Arthur W—l
Townsend Geo R Co—f
Vandeaver Aubrey—f
Watson W P—f

DISTRICT OF COLUMBIA**WASHINGTON**

Adams, Eugene G—c
Addison A D—f
Adkins James & Co—c
Affeck Invest Co—f
Albert Leon E—f l c
Alexander Sidney—f
Arms & Drury Inc—f

Bailey G Gordon—f
Baker A H & Co Inc—f
Ballard & Lanham Inc
—f
Barbour F K—l c
Barbour Jas F—f
Barker C R—f

Belt, O'Brien & Co Inc
—f
Bieber Saml—f
Bishop A G—f
Boland Thornton P—f
Bond Geo M—f
Boss & Phelps Inc—f
Bost Jas L—f l

Bowen E C—f l c
Bowen L L—f l c
Bradley J H Co Inc—f
Bradley R E—f
Brashears Edw S—l c
Brashears Shipley Jr—
f l c
Brown T Janney—f l

Brown Thomas P—f
Brown W A—f c
Browne Alex B & Co—f
Burwell R Page—f 1
Cahill J A—f
Campbell Arthur B—f
Campbell J C K—f
Carpenter M S—f
Caton Jas H—f
Caywood & Garrett—f
Cherry Jno M—f 1
Chesley & Chesley—f 1 c
Chew N L & Co—f
Childress J W—f
Clark Bruce E—f
Clark Ernest J—1
Clark J D—c
Clark Watson F—f
Cleary Danl A—f
Cleveland Bruce—f
Cochran Warren—f
Collins W H—f c
Combs Wm D—f
Crappier W B—1
Dammann Adolph—f
Davis F E—f
Davidson & Davidson—f
De Lashmuth Thos J—f c
Dent W G—f
Dolph J M—f 1
Drown O B—f 1
Drury D H Roland—f
Dunigan F S—f
Dunkum G E—1
Duval L Kemp—f c
Duvall W Clarence—f c
Edgar Wm A—f 1 c
Edwards B N—f
Edwards J L Inc—f
Ellerson & Wemple—f
Eliett Wm D—f
Ellis Wm R—f
Equitable C B Association—f
Fisher T J & Co Inc—f
Fitch, Fox & Brown—f
Fitzgerald Maurice—f
Forest C M—f
Fox A F Co Inc—f
Fraser Bros Inc—f
Friebus T—f
Gadsby J Eakin—f c
Gardiner & Dent Inc—f c
Gash & Birge—f c
Gill Herbert A & Son—f
Goldenberg, Moran & Co Inc—f
Goff M LeRoy—f 1 c
Graham F W—f
Green James M—f
Green Thos A—c
Groomes L W—f
Groot Paul F—f
Grubb Harry J—1
Hagner Randall H—f
Hardy W B—1 c
Harris D Falton—1
Harvell John B—f
Hart J W—1
Hayden & Speich—f
Heiskell Jesse L—f
Henderson Geo—f
Hendrick J T—1
Herbert Jos A Jr & Co—f
Hewlett E M—f
Higbie Alfred & Co—f
Higgins John J—f
Hill W C—f c
Holton Wm S—f
Hood Chas E—f
Houghton A C Co—f
Hownstein H R Co Inc—f c
Hume R S—c
Hunt Henry J—f c
Huske & Smith—1 c
Huyck J V N & T B—f
Interstate Ag'cy Co—c
Jackson Harry J—c
Jackson W B & Bros—f

Jerman Chas H—f
Johns John Lane—c
Johnson & Adams—1 c
Johnson D H Co—f
Johnson G M—f
Johnston Geo J—f
Johnson R H—f
Jordan Geo C—1
Keefe Thos J—f
Kenney O L—c
Key-Smith & Co—f
Kindle Chas H—f
King Geo S Co Inc—f
King L M—f
King Wm L F—f
Klee Chas W—f 1
Kleiner John J & Co—f
Klopper W H—1
Knox & Caldwell—f 1
Knox W S—f 1
Kolb J L—f
Krewson E D—f 1
Lawford & McKim—f c
Lea D M—f
Leetch Frank P—f

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Fire Automobile Liability

INSURANCE

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St. Paul Fire and Marine
Sun of London
New Hampshire Fire
Rochester-German Underwriters Agency
Western Assurance Co.
Massachusetts Fire & Marine
Maryland Motor Car Insurance Co.

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Leipold R H T—f
Leonard B & Co—f
Lewis & Jones Co—f
Lewis Edward T—f
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Linkins Geo W & Son—f
Lipscomb L S & Co—f
Livingston G S—f
Luchs M J—f
Lynch Geo W—c
McEuen Chas A—f
McGrann W H Co—f
MacElwee Jas A—1 c
McKinlay W—f
McLachlen Banking Cor—f
Mandler H F & Co—f
Mark Le Roy—f
May Frederick—f
Metzrodt Marshall & Livingston—f
Middleton D W—c
Middleton F E—f
Midyette D R Co—f
Miller Caleb S—1
Miller J H & Son—f
Miller Julian Hite—f
Mills L J—f
Mitchell Paul V—f
Moore & Hill Inc—f
Moran Chas R—f
Morgan Bros Inc—f
Morgan T P—1
Morrison Robt M—f
Mosher L B—c
Muir C S & Co Inc—f
Murray W O—f 1
Nicholson & Co—f
Nicholson Leonard L Jr—f
Norment & Smith—f
Offutt Henry W—f
O'Neil Frank A—f
O'Sullivan Thos B—f
Parker C H Co—f
Parker E P—1
Parker Frank M—1 c
Parker Geo T—f c
Parker M M & Co—f
Parsons W H—1
Penn C J—f 1

ALEXANDER K. PHILLIPS

GENERAL INSURANCE

304-312 LOAN AND TRUST BUILDING, WASHINGTON, D. C.
North British and Mercantile Insurance Co. of London and Edinburgh
Windsor Fire Insurance Co. Newark Fire Ins. Co. Virginia Fire
and Marine Insurance Co. Indemnity Mutual Marine Assn. Co., Ltd., of London
Newark—(Ex Automobiles). Employers' Liability Insurance Corp. Mutual
Life Insurance Co. of N. Y. North British & Mercantile Ins. Co., of N. Y.
North River (Fire) Ins. Co., of N. Y. Risk written in Maryland & Virginia
Local and Long Distance Telephone, Main 6121
SECRETARY The Potomac (Fire) Insurance Co., Chartered
by Congress March, 1881.
Insurance On Everything Insurable, Anywhere

Phillips & Sagar—f
Pilling J W—f
Piser W N—1
Poe Francis B—r
Pollard Wm L—f
Pratt A S & Sons—f c
Prince Leslie E F—1
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Smith & Wailes—f c
Wailes W D—c
Warren Robt—c

DARIEN

Long Mrs Ada V—f
Space J A—l c
Spalding Kenan—f

DAWSON

Baldwin W A & Co—f
Bell J M & Co—f
Gurr W H—f
Hill E G—l
Morris J E & Co—f
Parks & Bell—f c
Saville R L & Co—f l
Smith R D—f c
Worthy K S Co—f l c

DUBLIN

Brown Moody B—l
Citizens Loan & Gaur-
antee Co—f l c
Curry & Watkins—f l
Conyers S V—f l
—f
Daniell J B—l
Dillard W T—l
Dublin Brok'g & Com Co
Peters Thos Jr—l
Page & Simmons—f l
Roberson F H—l c
Williams & Smith—f

EASTMAN

Burch C C—f
Calhoun B R—f
Edwards Clements Loan
Co—f l c
Gentry R D—f c
Gentry O A—f
Herrman A—l
Murrell C B—f
Norman I K—l
Union Loan & Ins Agency
—f c

EATONTON

Adams & Co—f
Allen John C—l
Andrews & Co W A—f
Ashurst C W—f l
De Jarnette W L—f
Gardner H L & Co—f l
Hearn W H—l
Leonard H L—l
Little W C Ins Agency
—f c
Watterson John D—l
Young R & H—f

ELBERTON

Anld W N—f
Black & Brown—f
Black J W—l
Brewer H J—f
Champion J W—f
Hawes Wm D—f l
Hayes Z C—f l
Heard Bros—f c
Herdon Fred—f l c
Hunter H P—f
Maxwell & Tate—f
Snowden W E—f l c
Wincox W M—f
Wright R F—f

FITZGERALD

Adams D P & Co—f
Flounor & Dickey—f
Fretwell C A—f l
Griffin T M—f
Hammock W B—l
Justice J A & Co—f

Prentiss R J Ins Agency

—f l c
Ricker & Wise—f
Seanor J B & Co—f
Turner & Stephens—f
Wall Judge E—f
FLOVILLO

Alles R L—f
Gibson J T & Co—f
Smith R T—f l

FORSYTH

Amos Mrs J C—f
Bagle J F—l c
Bagle J J—f
Hardin Chas—f
Hill C W—f c
Jackson & Bloodworth—
f c
Smith T O—f
Stephens Jno T—f c
Willingham & Willing-
ham—c

FORT GAINES

McAllister R C—f l
McLendon, King & Cas-
tillow—f l c
Mobley H L—f l
Peterson R E—f

FORT VALLEY

Carter Ins Agency—f
Gray C G—f
Hill J W—f c
Sammons C H—l c
Shepherd C L—c
Skellie W A—f
Snow Wm L—f
Troutman J F—f c

GAINESVILLE

Dozier & Dozier—f
Ham W C—f l c
Kimbrough E E—f l c
Latham George—f l c
Palmour B T—f
Rogers B A—f
Roper & Washington—
f c

Thomas W C—l
Truslow A R—l
Whelchel B H—f

GREENSBORO

Bartzell W E & Co—f
Bickers & Chapman—f
Fauet Jos G—c
Foster J M—c
Jackson W R Jr—f c
Merritt G A—c
Merritt P E—c
Sisk & Copelan—f
Smith & Armour—f

GRIFFIN

Bailey D J—f c
Blanton Geo—f
Drake Roswell H & Co—
f l

McDowell E S—f c
Murray A S—f c
Smith J H—f c

HAMPTON

Harris E R—f
Henderson R E—f
McLair & Wilson—f l c
Moore & Tarpley—f

HARTWELL

Blackmon J B—f l
Brown L C—l
Matheson R E—f
Meredith W E—l
Peck & Craft—f
Satterfield E E—l c
Stapleton & Skeeton—f
Tasley R B & Co—f

HAWKINSVILLE

Bell W. V—f c
Bozeman F H—l
Caldwell J H—f
Chalker D C—l
De Lamar K F Jr—f
Fountain A W—l
Parsons W N—c
Kagan T B—f l c
Turner S W—l
Waller A W—f
Whitefield J J—f

HOGANSVILLE

Askew Ins Agency—f
Davis & Darone—f
Mobley H H—l
Utting R H—c
Wood H P—f

JESUP

Hopps R B—f
Luttenfeld O F—f
Kaybon Ira M—l
Tyson W H—f

LA GRANGE

Dozier W B—f l
Freeman C T—l
Freeman Thos Ins Agcy
—f c
La Grange Ins Agency—l
O'Neal V R & I F—l
Oyletree J F—f
Kender & Strong—f
Seary B H—l
Willis R J—f l

LAWRENCEVILLE

Brown Sam C—f
Byrd D M—c
Hutchins N L—c
Montgomery, Houston &
Robinson—f c
Nix O A—c
North Ga R E & Ins
Agency—f
Ware C R & Co—f l

LITHONIA

Brand A M—f
Brantley L G—f
Daniel H H—f
Johnson J C & Sons—f
Lowe & Park—f
Marbut M M—f
Star I M—f l
White E P—f

LOUISVILLE

Bethea & Whigham—f l
Caulk T F Ins Agency—f
Farmer & Rowe—f

McRAE

McRae Ins Co—f l c

McDONOUGH

Dickson J B—f
Greer W J—f
Low M C—f l c
Neal H B—f
Nelson D—f
Turner R L—f
Weerns Julian—f l

MACON

Adams C M & Son—l
Armstrong B B—l
Bennett C W—l
Bone Wm H Sr—l
Brown W A—l
Brown E L—f l
Chesney A C—l
Clark Anderson—l
Coates Frank B—l

Coddington E B—f
Crump & Solomon—l
Dessau W—f c
Dure & Beeks—f c
Dunwoody J M—l c
Ellis C B—f
Griffith & Tinsley—f
Griffith W D—f
Hardeman G G Co—f
Harris Morris—f c
Hatcher & Wilson—f
Hertz & Co—f c
Hollarnd E H—l
Jassup J L—l
Jewett George B—f l c
Jordan Realty Co—f
Lawton F D—f
Lowry T S & Son—l
McClure C D—l
Mills J B—l
Murphy & Taylor—f c
Murphy T E & Son—l
Odum Realty Co—f
Singleton W C—f
Solomon W G & Co—f
l c
Toole T E—f
Turpin Geo B & Sons—
f c
Vickers Co—f c
West Frank B—f
Whitehead H C—f
Willingham Bros—f
Winship Ins Agency—f c

MADISON

Anderson K S—c
Anderson W D—f
Butler E W—c
Douglas T M—f
Furlow & Moore—f l
Godfrey J E—f
Lambert E R—c
Middlebrooks Percy—c
Penick L T & Co—f
Shaw H T—c
Thomason & Douglass—f
Thompson R W & Son
—f
Thompson W G—f c

MARIETTA

Anderson J T—f
Cheney Jno P—c
Clayton N E—c
Dobbs & Gurley—f
Gann G B—l
Gilbert A H—c
Groves J H—f c
Northcutt H M—l c
Powers W R—f c
Sessions J M—f
Spruell L M—f

MARSHALLVILLE

Baldwin W P—l
Haslem C C—l
Rice W H—f l
Taylor H C—f

MILLEDGEVILLE

Andrews C H & Son—f
Andrews L H—f c
Bell M S—f c
Bland M H—l
Callaway & Fowler—f
Caraker C T—l
Conn O M—f
Hall & Day—f
Hall Louis C—f l
Lane E P—f

MONROE

Mobley A B—f l c
Radford & Adams—f
Ray H A—f l c
Studdard, Holland—f l
Walker & Cox—f c

GA.—Con.**MONTEZUMA**

DeVaughn M S—f
Dixon T A—f c
Dykes T J—f
Gardner G S—l c
Gardner L W—c
Hill Yancy—f
Lewis Jno F & Son—f c
McKenzie J W & Son—f
Maffett J D—f
Settegast J—l c
Watkins C Z M—f

MONTICELLO

Benton T O—f
Harvey & Henderson—f
Harvey D N—f
Harvey, Kelly & Burncy—f
Jordan & Pope—f
Leverett B—l
McElhenney & Smith—f
Malone Ezell & Benton—f
Persons H P—f
Pope H T—f l c
Robinson, Kelly & Malone—f
Roper A D—f c
Wellington C E—f l

NEWNAN

Bagley X H—l
Bryant F M—l
Burdett A R—f
Fisher H C & Sons Co—f l c
Herring J R—l
Herring R F—l
Mann L B—f
Murray S M—f
Parks G E Ins & Realty Co Inc—f l c
Parrott & Hordaway—f l c

OGLETHORPE

McCrory H G—f
Nelson P—f
Perry A H—f
Powell C A—c
Shealy L E & H W—f

PALMETTO

Bullard D B—f
Steed F H—f

PERRY

Caten & Riley—f
Central Ca Inv Co—f
Cooper C F—f
Greene F M—l
Holtzclow E—c
Kunz Marx—c
Martin Jas D Jr—f
Riley J L—l
Strothe W A—c

QUITMAN

Baum M—f c
Bialock C D—f
Bennett & Harrell—c
Bradford L M—f
Davis & Patrick—f
Gates A O—f c
Grover & Co—f
Jelks O K—f
Long W H Jr—f
Morris T E Jr—f
Oglesby Wilbur—f
Stubbs & Young—f
Tidwell A L—f c
Walker W A—f
Young H L—f c

REYNOLDS

Hinton R A—f
Pryor C L—f
Sealy H K—f

ROCKMART

Beasley R R—f c
Lane F D—l
Mundy Miss M E—f
Peacock G W—f l c

ROME

Archer Geo—l
Arnold J P—l c
Barclay & Quinn—f c
Cothran G S—c
Goetchius C B—f c
Govan M F—f
Graves-Harper Co—f c
Harvey E P—f
King Cary J & Co—f l c
King C W & Co—f c
Knowles W A—f c
Ledbetter W T—l
Ragin R W—l
Smith Norris V—f c
Willingham O P—f c
Willkerson C L—f
Yancey H & Son—f c

SANDERSVILLE

Bashinski H—l
Bell Wm A—f
Cohen Louis—f
Evans J R—f
Holt & Sparks—f c
Irwin & Wilt—l
Irwin Jeff A—f
Johnson J E—f
Neal J M—f l c
Paris H—f
Tarbutton B J Jr—f
Tyler J G—l
Warthen & Irwin—f
Warthen Geo D—f
Wood E Pierce—c
Wood W H—l
Wood & Sparks—f c
Wood & Turner—l

SAVANNAH

Apple J J—l
Arline Thomas J—l
Bargeron & Parkinson—f l c
Burroughs J W—l
Carawell John D—f c
Cheves C—f l c
Coakley & Schroder—f c
Coney W M & Co—f
Corish N P & Co—f c
Cowan J R—f
Daniel H C—f c
Davant R J—f
Dearing W D & Son—f
Doyle L T—l
Falk D B—l
Farie A L—c
Ferst Aaron & Son—f c
Garfunkel A J—f c
Gillespie N J—l c
Goodman & Rosenheim—f
Guerrard A G Jr—f
Haines Geo S & Son—f l c
Harmon A C—f l c
Harrison W F—l
Harrison W G & R C—f c
Harty John F & Co—f
Harty William J—l c
Hull R M—f c
Inglesby & Inglesby—f c
Kohlson Fred—l
Merkle A J—f c
Miller C P—f c
Moses C F—l
O'Connor E H—l
Palmer & Cay—f c
Reeves W A—l
Rowland & Rowland—f l c
Saffold T P & T P Jr—l
Schley & Son—f
Schley Julian—l
Seiler Otto—f c

Shulhafer A S—f c
Skeffington & White—f
Stewart O E & Bro—l c
Stith S M—f
Train W F & Co—f c
West C W—f c
Wilson W L & Co—f c

SENOIA

Freeman & Arnall—f
McKnight J H—f c

SMITHVILLE

Burton Geo T—f
Chance Geo W—f
McAfee W F—f
Randall J H Jr—f

SPARTA

Burnette J D—f
Duggan & Berry—f c
Walker & Halmes—f c

SUMMERVILLE

Bitting N K—f c
Edge & Taylor—f c

TALBOTTON

Bardwell R N R—c
Beall T N—f
Carraker N P—f
McGehee J H—f
Perryman & Perryman—f c
Smith L W—f c
Weston H P—f

TALLAPOOSA

Howe A V & Co—f l c
Rambo S S—f l c

TENNILLE

Daniel T S—l
Franklin H M—f
Gilbert H C—f
Hatch B E—l
Lord Iverson—f l
Pritchard L J—f l c
Smith C B—f
Smith Roy—f

THOMASTON

Allen John—f
Bethel T G—f
Birdsong H H—f l c
Matthews & Stephens—f
Riviere P D—f

THOMASVILLE

Ball T J—f
Craigmiles W E—f
Culpepper J T—f
Evans J F—f
Gardner Joe—l
Hansell & Merrill—f c
McLean K T—l
Mallette & Hargraves—f c
Montgomery J S—f
Neel Bros—f
Parker J F—f
Parker W M—f
Palin W A—l
Robinson & Robinson—l c
Rodenberry Jno—l
Smith E M—f

THOMSON

Barkdale & Montgomery—f
Forney A K—l
Hunt C F—f
McLean & West—f
Morris & West—f
Shields & Morgan—f
TIFTON
Grimes R C—c
Johnson R H & Co—f c
Murray R E & Ins Agcy—f
Price J H—f c
Tift T W—f
Tifton Loan & Ins Co—f c

TOCCOA

Allman John I—l
Brown B P—f c
Davis & Davis—c
Matthews, Stephens & Wheelers—f

VALDOSTA

Ashley J D—f l c
Blitch & Richardson—f
Cheney P M—l
Dekle E E—f l
Harrell W N—l
Howell C K—l
Jones Lloyd—f
Lang Willis—l c
Lewis J F—f
Peoples R A & Sons—f c
Peoples W D—l
Richardson B S—c
Southern Bank & Trust Co—f l c
Strickland & Roberts—f
Swindle J N—f

WARRENTON

Battle J H—f c
Evans J C—f
Fowler W H—l c
Lee James—f

WASHINGTON

Barkdale R O—l
Barkdale & Irvin—f
Barkdale T J—f c
Boyce, Ficklen & Son—f c
Bradley W R—f
Cozart A G—f
Dyson J R—f
Ficklen Bros—f c
Lowe R E—l
Quinn H P & Son—f
Smith R M—l

WAYCROSS

Bennett Realty Co—f
Bunn & Stubbs—f
Calhoun & Caille—f c
Deen & Burnett—f c
Goodwin-Peabody Ins Agency—f
Harvey J D—f c
Knight A M & Son—f c
Lott D & O—f
Sharpe W W Jr Co—f
Stanton V L—l

WAYNESBORO

Fulcher W M & Co—f l c
Guess J E—f
Herrington A J & Co—f
Palmer F S—f l c
Templeton R A & Co—f l
Waynesboro Ins Agcy—f

WEST POINT

Bronnen A S—c
Huguley W G—f c
Lanier Philip & Co—f c

WINDER

Blasingame W L—f l
Bondurant F W & Co—f l c
Gregory C C—f
House L A—l
Jackson I E & Co—f
Kilgore & Radford—l
Kilgore, Radford & Moore—f
North Georgia Trust Co—f
Thomas, Carithers & Co—f l
Thompson & Co—f
WRIGHTSVILLE
Deuh W W—l
Kint & Thompson—f
Mason & Bryan—f l
Miller J T—l c
Thompson W L—l

IDAHO

BLACKFOOT

Beebe C S—f l c
Buchanan O—f
Fisher C V—c
Gagon G F—c
Lee Wm A—f
Montgomery W H—f
Parkinson & Stevens—f
Wright W S—f
Young W L—c

BOISE

Arnold H W & Co—f
Boise Title & Trust Co—f
Bruce & Fuld Loan & Trust Co—f c
Childs & Co—f
Ensign & Ensign—f c
High Ira E—f
King S G—f
Kutnewsky Chas F—l
McReynolds & Whitson—f c
Messersmith Wm G—f
Perrault & Rossi—f c
Phelps E J—l
Roan H J—l
Rogers Agency E M—f c
Sheppard & Falk—L c
Stein Edw Co—f c
Tate Agency—f
Thraill L W—f
Wilson-Smith Realty Co—f

CALDWELL

Banks & Walker—f
Beal Ralph—f
Binford A A—l
Blatchley H D—f
Canyon Abstract & Trust Co Ltd—f
Crouse J W—f
Cupp W R—f
Dille L S—f
Fisk R R Realty Co—f l c
Griffiths John—f
Hall Jno P—l
Idaho Abstract & Trust Co Ltd—f
Isham A F—f
Kipp F P—l
McVey W S—f l
Myers A I—f l c
Nichol T M—f c
Tucker John A—f
Wilkinson W R—f l c

COEUR D'ALENE

American Trust Co—f c
Barton H H—f c
Busby & Hopkirk—f
Edmonds O W—f
Fitze & Gerdes—f
Graham Theresa M—f
Lincoln Land Inv Co—f
Muncey R H—f
Petersen Joe—f c
Pinkerton, G M—f
Steele Geo F—f c
Webb Co Paul A—f c

HAILEY

Ball Fred A—f
Blaine Co Abst & Realty Co—f c
Boone Frank S—f
Boone S D—l c
Bradley F C—l
Clements A—c
Curtis H G—c
Ensign A W—c
Gray B R—c
Gray D R—c
Hedrick J G—f c
Heydecker Coral T—f l

McFadden & Brodhead

—c
Sawyer J G—l

IDAHO FALLS

Bartholemey & Pettinger—f
Bowman F C—f l c
Briggs B J—f
Bybee F M—f
Earl W A—f c
Edmonds Ralph—f
Ellis J H—f
Hanson W P—f
Hasbrouck H J—f
Holste & Robinson—f
Huffaker W D—f
Huston & Churchill—f
Idaho Falls Development Co—f
Johannesen & Hartert Co—f l c
Knowles & Platt—f c
MacMullin John—f
McConnell W L—c
Miller & Shuttlesworth—f
Mulhall C W—f
Sauer Adam—f
Scott A V—f l c
Steele Wm J—f
Wheeler W E—l c
Wright G G—f

JULIAETTA

Dunlap S T—f l
Porter E W—f l c

KENDRICK

Atcheson E P—f
Brown John F—f
Byrne Thos F—f
Helpman J B—f
Hull H P—f
Peterson L G—f
Porter G S—f
Vollmer J P—f

KIMBERLY

Breckon W F—f c
Hayes B F—f
Ridgeway Carl—c
Turner C G—f
Turner W H—f l c
Zuck O G—f

LEWISTON

Idaho Trust Co—f
Landquist V—f l
Nickerson John E—f c
North Idaho Title Co—f
O'Neill E—f
Potvin & Pitcock Co—f
Vollmer J P & Co—f
Wann & Lomax—f
Webb F D—f

MALAD CITY

Davis R B—f l
Dredge William—l
Evans D L—f
Fovey J C—l
Jones Jed Jr—f
Jones Uther—f
Owen R T—f
Thomas Albert—l

MONTPELIER

Gray G C—f
Hampton D—l
McClave E L—f
Ridd W H—l
Ryan W J—f
Stuart E M—l
Sullivan R A—f

MOSCOW

Barge W G—f
Burke Richard—l

First Nat'l Bank—f

Hunter Wm—f
Lewis C & M E Co—f
Melgard H—f o
Ostroot E E—f
Peterson Charles—f c
Schroeder J F—f
Tenwick C A—f
Thompson Bros—f l
Veatch Realty Co—f c

NAMPA

Bloomfield John D—f
Brace E R—f l c
Cowell J H—f
Hickey C R—f l c
Ingraham M V—f
Kernoban F H—f
King Durward—f
Potter W D—f c
Robertson E B—f l c
Stephens F G—f c

OAKLEY

Calpin E E—f
Elison John A—f
Haight H C—f
Harper W T—l
Howard L W—f
Howard T H—f
Jack W T—f
Randall J B—f c
Robinson L J Jr—f l c
Strong C E—c
Tucker H W—f
Wilburn C C—c
Worthingtos S P—f

PAYETTE

Ackerman W P—f
Albert M F—f
Callen C F—f
Chase D C—f
Hamblly D D—f l c
Hammond A C—f
Iretton C W—f
Lyon L M—f
Maule Wm—f
Peterson L E—f
Thurston J S—f
Wright A E—f

POCATELLO

Andrews J H & Co—f
Astle James—f
Bannock Brokerage & Realty Co—f
Bistline J M & Son—f
Burrus Fletcher R—f l c
Dickerson F W—l c
Gray & Gray—f c
Jackson Jr Wm S—f c
Johnson C J—f
Jones T D—f
Martin A H—f
Nielson N P—f

—f
Nixon S M—f
O'Leary Henry—f
O'Malley P C—f c
Phoenix Wm G—f
Rurbelmann H B—f
Smith T B Co—f
Song P E—f
Stocksloger Roscoe M—c
Turner Theodore—c
Vestal T R—l
White E C Co—f c
Wilson R R—f

PRESTON

Blood G H—f c
Condle P M—f c
Crockett Geo E—f
Foss E C—f
Greaves C L—f
Greaves J C—f
Jensen J C—f

Larsen Nephi—f
Larson J N & Co—f l c
Larson Chas A—f
Smith A C—f c
Webb C E—l

REXBURG

Anderson James C—f
Comstock Ross J—f l
Gee W E—f
Ricks, Hyrum & Co—f
Wright James R—f

SAND POINT

Asher Davis—f
Atlas Realty Co—f l c
Catlin F E—f
Edgerton E R—f
Fidelity Trust Co—f
Johnson Peter—f
Lakeside Realty Co—f c
Northern Realty Co Ltd—f l c

Parriash W M—f
Rhodes J M—f l
Weil Ignatz—f
Whitaker Will F—l

SHOSHONE

Beckett J L—f
Disney Frank F—f
Fuller J L—f
Gwin Rhine Realty Co—f
Haddock Land Co—f
Harne W Hall—f
Keefer J—f
McMahn A J—f
White G—f

TWIN FALLS

Beauchamp J C—f
Brunck D W—f
Cocoran M B—f
Coggins H H—f
Crouse R L—l
Denton D M—f
Fuller G C—c
Garrell W F—l
Heine J H—f
Hill & Taylor—f c
Hoover Geo W—f
Keel J S—f
Kunkely D M—l c
Kunkely M W—l
Letch R C—f
Lindsey J C—f
McMartin C D—f
McMartin C S—f l c
Nelsen H D—l
Parsons C F—l
Pfirman Franklin—c
Ripley & Detweiler—f
Rogers V E—c
Sullivan D E—c
Swim Arthur L—f
Thomas C D—f
White J E—f
Wise J H—f
Woods T J—f

WALLACE

Featherstone A H—f
Howarth J F Co—f c
Nicholson A—f
Rossi H J—f l c
Whelan & Kingsbury—f

WARDNER

Jones T R—f

WEISER

Gallagher Jos T—f
Harvey O M—f c
Lloyd & Son—f
McKinney R C—f
Smith Jos T—f
Smith Oliver—f
Taylor Chester—f

ILLINOIS

ABINGDON

Johnson Mamie—f
Shipplett G A—f
Slough G K—f
Werts A E—f 1 c
White T J—f

ALBION

Boley Roscoe—l
Bower Wm—l c
Chism Frank—c
Colyer M—f
Curtis C C—l
Curtis W L—f
Ferriman Geo—f
Green G O—c
Harris Herbert—f c
Macaulay D A—f
Marshall Chas—f
Ouintry S E—f
Schroeder E A—f 1
Strawn H J—f
Strawn W R—f
Walker A E—l
Woods Lee—f

ALEDO

Emerson W D—f
Holmes Wm H—f
Lorimer W A—f
McDonald R J—f
Morgan & Maberg—f
Rice A A—f
Sample & Son—f

ALTAMONT

Boyer Pearl—f
Dial J L—f
Geiseking F—f 1
Geiseking W G—f
Munzel P A—f
Naumer Fred—f
Rhodes J E—f c
Rhodes T A—f

ALTON

Armour H R—f 1 c
Bauer J P—f 1 c
Beeby J J—f c
Bennet F W—l
Blair Roy—f 1 c
Degenhardt C H—f 1 c
Dodson E A—l
Fisher Frank—l
Giberson Ins Agcy—f 1 c
Grossheim Joseph G—l
Guertler Peter—f c
Lane G H—l
Leverett John—f 1 c
McKinney Agency—f 1 c
Mahoney M—f c
Schleuter Chas—f
Smiley Geo H & Co—f 1 c
Sontag Wm & Son—f c
Steck J B Agency—f 1 c
Snyder A—l
Walter L E—f 1
Yeakel C F—f

AMBOY

Ives C E—f
James P M—f c
Jamison Robert—f
Leach W L—f
Lewis J E—f
Miller C P—f
Vaughan F N—f 1 c

ANNA

Alden Robt—f
Brown R E—f
Parker R D—l
Parks G C—f
Phillips A J—f
Richardson L G—l

Roberts Ins Agency—f 1
Roy J W—f
Tuthill L B—f 1 c
Walker C A—f 1
Worthington J A—f 1

ARCOLA

Bradbury W J—f
Clisby Jno R—l
Diamond Bros & Co—f 1 c
Duncan S R—f
Ernst R G—l
Lentz S R—l c
McNally Miss B—f
McLane A T—l
Midwinter Thos—f
Moore Rice J—f
Slaughter B L—c
Snyder & Snyder—f c
Tarbox G S & Co—f 1 c
Tavos Gamaliel—f
Truitt D P—l
Weach John A—f

ARROWSMITH

Bane Earle—f
McClure Jacob—f
Raymond Webber—f 1 c
Roldman Jno—f 1
Scott H M—f 1

ATLANTA

Bevan F S—f
Cribfield R E—f
Dunham W S—f
Haines A O—f
Hoose M M—f
Stroud M E—f
Sumner C A—f
Turner C H—f
Wall Della—f

AURORA

Alschuler G W—f c
Anderson & Comer—f 1 c
Callan J P—f
Chattel I B—f
Currier R B—f 1
Dickes A—f 1
Fisk T O—f
Fritz C H & Co—f 1 c
Gould W N—f 1
Hassett M D—f
Haviland Wm—f 1
Heinz N—f
Holcomb R—f
Holden T N—f
Jeake Max—f
Johnson J L—f 1
Kelley Ins Agency—f
Kinney W—f 1
McWethy Bros—f c
Nobles Son—f 1 c
Plummer Mary D—f
Powell, Reid & Smith—f
Reavell & Bernbrock—f
Riddle F N—f 1 c
Tomblin N W—f 1 c
Wareham C H—f
Warren J J—f
Webb H A—f
Wighel Wynne—f 1 c
Wilmarth A A—f
Woolf M E—f 1
Wroughtner C C—l c

BARRY

Crawford J K—f 1 c
Dwire Thos F—f
Halley Wm M—f
Hancock Frank—l
Mitchell J W—f 1 c
Retallic F A—f
Watson W W—f 1
White W F—f
Wike G H—f 1

BATAVIA

Andrus D B—f
Bailey Miss Mary D—f
Burke F H—f 1 c
Geiss John—f
Grimes W L—f c
Johnson N L—f
Kimbell D B—f
Kuhn J Paul—f
Larsen Hough—f
Leck Rev—l
Nels Hermanson—f 1 c
Pettit Peter—f 1 c
Smith E S & Son—f 1 c
Young J H—f

BEARDSTOWN

Condit & Condit—f 1
Garm R H & Co—f 1 c
Hunter Edw T
Listman John—f
Maney D M—f

BELLEVILLE

Becker & Fleischbein—f 1 c
Duvall R E—f
Eidman O C—f
Fleischbein Chas P—f c
Halbert Wm U—f c
Kohl Emil—l
Miller A F—f 1 c
Niemeyer Arthur—l c
Puderer F W—f
Rebhan Geo C—f
Reheis M P—f
Schott Edward F—f
Siefert Julius H—f
Siefert Wm E—f
Twenhoefel Co The—f c
Wangelin H B—f 1 c
Weber & Sikkema—f
Wuller Nic—f

BELVIDERE

Balliet J R—f c
Biester Wm—f
Collier John L—l
Fox Jos—f
Fuller D A—f 1 c
Greenlee W G—f
Gridlee T C—f
Hall Mark I—f c
Hes John—f
Kirk W J—f
Perkins Miss M D—f 1 c
Pierce Geo—f
Sewell Chas T A—f
Smith G C—f 1 c
Spackman Chas—f
Starr F W—f
Tripp E H—f
Wood Mrs. Alice—f
Yount N M—f 1 c

BLANDINSVILLE

Ballou C E—f 1 c
Blackhurst Chas—f 1 c
Coffman M—f
Grigsby W A—f c
Husten Geo B—f c
Huston C R
Roberts Oscar—f
Voorhees Elmer—f
Warner Chas—c
Welch S F—l

BLOOMINGTON

Ackerman I M—f
Anderson John F—l
Ashworth S R—c
Bailey H F—f 1
Barnes & Co—f
Bent H G—f
Blair & Gilmore—f
Blair Wm A—f

Boechmer Joseph—f 1 c
Bond Frank—l c
Borlini A A—l
Bray C O—f
Bray O A—l
Brooks & Garlough—f c
Buelow Frew W—f
Bunn & Co—f c
Byrnes & Co—f c
Cady F W—l
Callahan M L—l
Campbell N M—f c
Capen's Sons—l
Chase Frank S—f
Cloonney W B—l
Collision C W—l
Costigan Wm. F—f
Cowies R A—f
Cross Earl P—f
Croschwait & Nichols—l
Darst Geo W—f 1
Dauiel Louis W—f
Dickerson F E—f
Donaldson E C—l
Echols H O—l c
Evertson L C—l
Falkingham J H—f
Fleming & Chisholm—f
Freese, Clark & Co—f 1 c
Gardner Wm H & Son
Co—f 1 c
Gilmore E J—f 1 c
Green Mrs E A—l
Hall Geo W—c
Harrison James A—f
Harrison & Hall—f
Harwood H C—f
Harwood & Co—f
Harwood & Howell—f
Heffernan John F—f
Henninger A E—f
Hitchins R H—l c
Holland & Porter—f
Huston H K—f
Hull R E—l
Humes H S—l
Ireland Byron T—l c
Johnson I H—f c
Jordan & Co—f
Judy J H—f
Keas Robt K—l
Karr J W—l
Kinnie Sage H—l c
Lasley J F—l
La Teer J D—f
Livingston A—f c
McCord R N—l
McGilton Leon—l
McKee W S—c
McKee Frank—c
Mahaffey Wm C—f c
Martin Wm L—l c
Maurer F W—f
Mantle J H—c
Miller J A—f 1 c
Miller S—l
Morrisey M M—c
Morton Chas E—l
Munsell E A—l
Murray J T—l
Naffziger M E—f
Nine Chas E—l
Oberderfer E—c
Ochs Isaac E—l
Pace F B—l
Perry Logan—f c
Perry & Myers—l
Peters J L—c
Rasor & Rasor—f
Reedy W H—f c
Reyburn & Buck—f
Reyburn W E—f
Sanders J—f 1
Sanders Wm L—l
Schmidt Wm—f c
Schwulst Wm—f
Shannon N J—l
Sickman Pauline—f 1 c

Siegfried M—c
Snow Elmer E—l
Somers Philip—f
Spradling S H—f
Stanley S—l
Straight L F—l
Sumner A W—l
Sutherland F R—f l c
Swalley Geo W—f
Thomas L B & Son—f l c
Traut Geo E—f
Van Pelt Chas A—f
Warlow J B—f
Wood J H—f l c

BLUE ISLAND

Carroll James—f
Diefenbach J G—f
Hannauer Martin—f
Kallum F T E—f
Krick P H—f
Krueger Christian—f
Meyer Geo P—f
Pronger Bros—f
Reiner Andrew—f
Rudd W N—f
Schreiber Wm—f
Stein Edw N—f
Townsend A N—f
Zacharias, McCord & Co—f

BRACEVILLE

Barton Geo—f l

BRAIDWOOD

Francis Thos L—f l c
Pawling A A—f l
Steen W H—f

BRIGHTON

Brown M S—f
Clark I M—f l c
Jones T A—f
Saries Geo—f a

BUNKER HILL

Baker Thos A—f l c
Budd W N—f
Bumann Adolf—f
Gosch John & Son—f
Mercer A E—f
Sanford T E—f

BUSHNELL

Brewbaker L—f
Chidester B H—f l c
Dodge Julian A—c
Henry Chas E—f
McElvain G H—f
Paul W J—f
Roach A—f
Truman J J—c

CAIRO

Alba A & Son—f c
Barclay P W & Son—l
Brown John T—f l c
Candee & Kleb—f l c
Childress Geo B—l
Dillow C A—f c
Feuchter & Galligan—f c
Gilbert E L Co Ins—f l c
Gilhofer Ins Ag'cy—f l c
Graves T C—l c
Greaney W P—f c
Halliday F C—f c
Julian R A—l
Stuart Edward J—f c
Wall J B—f

CAMBRIDGE

Anderson Geo E—f l
Athens A L—f

Eastman C S—f
Haag N A—f
Hadley B—f
Mascall J R—f
Pratt James—f
Rogers G W—f l
Sandquist F W—f l
Taylor C E—f
Telleen L E—f
Turner C M—f

CANTON

Allton & Johnson—f l c
Bath D L—l
Berkeman Samuel—l
Clingenpeel H H—c
Cobleigh F A—f l c
Dailey G R—f
Deitz R M—f
Devilbiss Chas—f l
Gallagher & Ellis—f
Gallagher M A—f c
Gilmer J C—f
Hanlon & Beam—f l
Heald C T—f
Hinkle R E—f c
Hipsley Ernest—f c
Kingsland R M—f l c
McMahon John W—f c
Sheaff John A—f
Sleepy A C—f c
Taylor B H—f c
Tendick Mrs. John—f
Thompson Fred—f l
Thompson Lewis—f l c
Voorhees John—f l
Weed C E—f c

CARBONDALE

Atkins W S—f
Caldwell A S—f
Grater Geo W—l
Hamilton & Lewis—f l c
Hawkins, M B—f l
Kendall J S—f
Mitchell J E—f l c
Renfro R E—f c
Robertson J J—f
Schwartz Geo—f c
Smith Clyde—f l c
Smith T B F—f c
Spiller A L—f

CARLINVILLE

Arnett George—f l
Crew George E—f
David A G & Co—f c
David Helen—f
David S W—f l c
Heinz Henry—f c
Homer John—f
Homer Kate M—f
Hughes T P—f
Hulse Wm R—f l
O'Neil Ed—l
Oeltjen Fred G—f
Reinecke John—f c
Sharp Wilbur—f
Westemeier C—f l c

CARLYLE

Beckemeyer H J C—f
Berger G H—f
Bond Thos—l
Carr A P—f
Ford Thos E—f
Haderein F—l
Hilmes T B—f
Jones H O—f
Krebs J M—f
Murray H V—f
Niehoff A O—f
Niehoff H A—f
Norris W H—f
Schaefer Paul V—f
Weber H G—f
Wuller John B—f

CARMI

Bozeman Henry L—f l c
Cochran Roscoe—f l c
Finch & Lethers—f l c
Harmon T H—f
Hay T W—f c
Jones John R—f l c
Kern & Pearce—f l
Martin Mrs W L—f l c
McCallister & Son—f l c
Pomeroy Frank E—f
Rebstock P R—f l c
Spicknall Richard Jr—f l c

CARROLLTON

Bowman Edwd—l
Curnatts E Z—f l
Dressel Dr—l
Eduards J R—f l c
Eldred E A—f
Erwin Robt—l
Foreman H W—f
Hodges B C—f c
Linder Clyde—l
Pierson Ornan—f c
Reynolds Oscar P—f l c
Roberts F M—f c
Robinson R G—f
Schafer H—f l
Varble Ray—f
Vivell Oscar H—f l c

CARTHAGE

Aleshire Geo—f
Baird J D—f
Booz Willie—l c
Cain Carl—f c
Crawford Josephine—f
Dunn T E—f
Ferris S H—f
Green Jasb—f c
Helfrich Leo L—f
James C A—f
Mayor Irving—f l c
Naylor Samuel Jr—f
Palmer J S—f
Saer R W—f
Strader D S—f l
Symonds W A—f
Unglaub F H—f l c
Walker L R—f
Wolfe Wm—f

CASEY

Adams B L—f c
Army J J—f
Brewer Bert T—f
David W J—f
Dixon J W—f c
Fitzpatrick R B—f c
Grisamore J R—f c
Hawkins W E—f l c
Robertson & Ruffner—f
Rosebrough D R—f c
Shimer Geo F—f c
Shimer D—f
Young R A—f c
Zeiter David—f

CENTRALIA

Andrews Truman—f
Bundy F W—f
Bundy J J—f
Burge W M—f
Condit S—f
English B M—f
Grag James—f
Hahn Wm F—f l c
Hobbs Jos S—f l c
Jones Miss B—f
Kurth O B—f
Livesay Guy—f l c
Lyon W E C—f
Marshall C P—l
Melveny W E O—f
Noleman F F—f
Parkinson Miss Zetta—f
Pfaff Fred—f c
Rebe M—f l c
Robertson D B—f

Ryan O F—f
Warren W B—f l c
Youis L A—f l

CHADWICK

Cahn S M—f l c
Kerch John O—f
Muller Herman—f
Shulz F M—f

CHAMPAIGN

Beers & Clinkenbeard—f
Boyer H B—f
f l c

Brown F M—f
Campbell R M—f c
Carothers G E—f l c
Coffman W H—f l
Colman G H—f
Eagleton C M—f
Flanigan J A—f
Gardner & Bowman—f c
Glenn L L—f
Gullick R E—f
Harris C A—f
Harris F D—f c
Harwood & Clark f l c
Hessell J F—f
Hughes S K—f l c
Hutchinson E J & Son—f l

Maxwell C L—f l c
Michael J J—f l
Miller H M—f
Monier & Morrissey—f l c
Percival A L—f
Price Walter—f c
Roberts C J—f l c
Ryan D T—f
Shafer & Dolan—f
Shafer G O—f
Sherry Miss F B—f
Singbusch A C—f
Smedley P R—l
Spalding W P—f
Sperry E H—f
Sullivan Wm—f
Swannell D G—f l c
Turell G A—f c

CHARLESTON

Alexander R C—f c
Berkley T M—f c
Bidle David—f
Burkett E A—f l c
Charlesworth F C—f l c
Digby C C—f
Donaldson W S—f
Frommell F—f l
Grant T A—f c
Grove Sam—f
Hallowell H F—f c
Heistand Geo—f
Messick H H—f c
Miller C R—f l c
Rosebraugh & Wilton—f c
Ryan O F—f
Scott W W—f c
Sellars A C—l
Shera A W—f
Shoemaker W K—f c
Wilson W A—f

CHENOA

Abbott W G—f c
Ballinger Fred—f
Ballinger Ryle—f l
Cass C W—c
Chapman W C—f l c
Clarke D T—l
Dexter H C—f c
Dillon E A—f
Eakin John H—f
Jordan A D—f
Ketcham W E—f c
Merriott Chas—f
Powers Frank—f
Silliman L L—f
Sweet O A—f

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Alexander W A & Co—c
Alford & Blaker—c
Alm Harry R—l c
Anderson C H—l
Andrews E E—l
Anguera Edw de—c
Angerman G C—l
Appler C E—c
Arnold A C—c
Auten A O—c
Awde A E—l
Badgerow Co—c
Baker J W—f
Bale H B—c
Barber C—l
Barnard & Co E E—f
Barker L A—l
Barnett J G—f
Barr S M—l
Barry T F—l
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Bear Sidney—l
Bennett N J—f c
Bishop C N—f
Bishop L Brackett—l
Blaker C J & Co—f c
Blauvelt A—f
Blount F M & Son—c
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Calkins R A—l
Callender J E—c
Cameron P F & Co—f c
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Campbell J A—l
Carlson Jno M—f
Carmack E H—l
Casey A J—l
Castor H C—l
Chambers Wm—l
Chamberlain A R—l
Chapman W A—f
Chase Sam'l T—l

Crawford W—l
Critchell, Miller, Whitney & Barbour—f
Cunningham R M—f
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Curran O P—l
Curtis Chas—l
Dalmar Hugo & Co—f c
Darling Ira C & Co—f c
Davis A J—f
Davis C C—c
Davis C W—f
Day D A—l
Dean A F—f
Delano C H—f
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Collins S T—f
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Early Frank A—f
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Eckel Chas H—c
Eldredge Chas H—c
Eileil & Loeb—f
Elwell N—l
Emerson J H—l
Enger & Barnett—f
Engelfeld G C—c
Farraday W—c
Fatch E P—c
Faulkner & Ettelson—f l c
Ferguson Bernard A—l
Fisher Geo M—f
Fornoff H—l
Forrest Geo L—c
Foster F L—l
Foster Geo R & Co—c
Fox H—c
Fraher J J—l
French Geo T & Son—c
Fugit M W & Co—f
Funkhouser M L C—f
Gadsden & Kohrt—f
Gage J S—l
Gallagher T E—f
Garvin Geo E—l
Gehrke Geo—c
Gelderman W M—c
Gerriah & Mackie—c
Gilbert Geo A—f c
Gilbert, Swanson & Co—f
Ginsburg E—c
Girardin Jules—l
Glidden H H—f
Gobel Harry—f c
Goldsmith S H—c
Goodman Thos & W A—f
Goodwin E M—c
Graham A J—c
Graham A T—f
Greenbaum H—l
Greenbaum S—c
Griffiths J C—f
Grogan M J—c
Gurney A G—l
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German Alliance Insurance Co. of New York

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Calumet Underwriters
North British & Mercantile Insurance Co. of England
General Insurance Co. of Paris
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Firemans Fund Insurance Co., San Francisco
German American Insurance Co., New York
German American Fire Insurance Co., Baltimore

Insurance Company of North America, Philadelphia
London & Lancashire Fire Ins. Co., Liverpool
Philadelphia Underwriters, Philadelphia
Zurich General Accident & Liability Ins. Co.
(Liability, Auto, Accident, & Health)
New Jersey Fidelity & Plate Glass Ins. Co.
(Plate Glass)
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SURPLUS LINES AND AUTOMOBILE INSURANCE

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New York—19 Cedar Street

London—23 Leadenhall St.

Denver—1615 California St.

Minneapolis—300 Nicollet Ave.
Montreal—17 St. John St.

Duluth—314 Superior St.

ROLLINS-BURDICK & HUNTER CO.

CHICAGO
175 W. Jackson Blvd.

NEW YORK
59 John St.

REPRESENTING

Globe & Rutgers Fire Insurance Co.
Rochester German Underwriters of the German
American Insurance Co. of New York.
Pacific Fire Insurance Co. of New York.
Stuyvesant Insurance Co. of New York.
Hamilton Fire Insurance Co. of New York.
Zurich General Accident & Liability Insurance Co.
Insurance Underwriters' Agency of the Insurance
Co., State of Pennsylvania.
Buffalo German Insurance Co. of New York.
Millers Nat'l Insurance Co. of Chicago.
Reliance Insurance Co. of Pennsylvania.
Nat'l. F. & M. Insurance Co. of New Jersey.

Binding Contracts—Lloyds, London

Surplus Lines.

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We write all classes of insurance.

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Habel & Woessner—f
Haines J M—c
Hall W G—f
Halle E G—f
Hallweger J F—c
Hammond L D & Co—f
Hancock F A—c
Hansen H M—f
Harless W W—f
Harvey Geo M & Co—f
Haskell, Miller & Co—f
Haut John—l
Heim Ernest—f
Hemstreet W J & Co—f

Horrick Auerback & Vastine

INSURANCE
IN ALL ITS BRANCHES

Insurance Exchange
CHICAGO

Herrmann Geo & Co—f
Heas Geo R & Co—f
Heublein C M—l
Higgins W—l
Higley Chas—f
Hill Wm E—f
Hintzpeter H C—l
Hoagland W L—f
Hobart & Oates—l
Hobbs H W—l
Hodge H B—c
Hogan Chas J—l
Holmes F F & Co—f
Holmes W E & Co—f
Howes B C—l

R. W. HOSMER & COMPANY

INSURANCE
of all kinds

INSURANCE EXCHANGE
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Huncke O W—c
Hunt Fremont H—l
Hyman, Hutchinson &
Thackery—c
Ingalls H H—f
Ingram E—l
Ireland J R—l
Jackson J W—l
Jacobs W F—f
James Fred S & Co—f c
Janney J W—l
Jenka M L—c
Johnson O W—l
Jones Fred E R—f
Joyce & Co—c
Kendall J S—l
Kinney E D—f
King Carl D—c

Klinke A W & Co—f
Knight Jos C & Co—f
Knowlton H B—l
Knox Thos M—l
Kohtz L O—f
Kramer Herrman—l
Krause P J—l
Kress W G—c
Kuhns & Pogg—c
Lampert & Keller—f
Lamson G W—l

Royal Insurance Co. (Limited)

Geo. W. Law
MANAGER

Royal Insurance Building
CHICAGO

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Lawson W M—c
Lemay W G & Co—f
Letterman & Chamberlin
—f
Letton H W—f c

Lewis I J—f
Lindauer Max—l
Loeb's Ins Agency—f
Lorenz F A—l
Lust Geo F—l
Lyman, Richie & Co—f c
Lynas Thos R—l
McCabe & Hengle—f
McCary C J & Co—l
McCaslin Paul—c
McCrae A L—f
McCune J D—f
McGillen John & Co—c
McGillicuddy D M—l
McGregor P D & Co—l
McKee & McKechney—c
MacLean Nelson R—c
McKenna John—c
McLeran G R—l
McGuire G—l
McIntyre Miss J C—l
Magill Henry P & Co—f
Manning Geo R—c
Marsh & McLennan—f c
Martin John D & Co—f
Mason F B—l
Maverick M—l
Meeker Chas W—c
Meeker-Magner Co—f
Merchants National Ins
Agency—f
Merrill T B—l
Meyer J H—l
Mills Jos—l
Miller W A—c
Mitchell Elizabeth M—l
Monahan W F—l
Montgomery Geo W &
Co—f c
Moore, Case, Lyman &
Hubbard—f l c
Moore Geo C—f
Moore J J—c

KLEE, ROGERS & CO.

REPRESENTING

Prussian National; Sava; Atlas Assurance Co.; Netherlands Fire & Life; Liverpool & London & Globe, Eng.; Assurance Co. of America; Westchester of N. Y.; Massachusetts Bonding & Insurance Co.; Globe Indemnity Co.; Federal of N. J.; Providence Washington, for Parcels Post and Motor Boats; Lloyds, London.

175 W. JACKSON BLVD. CHICAGO, ILL.

C. C. CLARK

INSURANCE EXCHANGE—CHICAGO

WESTERN DEPARTMENT—ARLINGTON FIRE INS. CO.
GEN'L AGT., ILL. AND WIS.—CINCINNATI UNDERWRITERS
COOK COUNTY MGR.—ARIZONA FIRE INS. CO.

REPRESENTING

Arlington Fire Ins. Co.
Arizona Fire Ins. Co.
Buckeye National Fire Ins.
Columbian Insurance Co.
Cincinnati Underwriters,
Eureka Fire and Marine
Security Fire Ins. Co. }
Washington, D. C.
Phoenix, Ariz.
Toledo, Ohio
Indianapolis, Ind.
Cincinnati, O.

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JOHN NAGHTEN & CO.

ESTABLISHED 1863

INSURANCE EXCHANGE, 175 W. JACKSON BLVD., CHICAGO

LOCAL AND GENERAL AGENTS FOR

Royal Exchange Assurance of London

Northern Insurance Company of New York
Westchester Fire Insurance Co., N. Y.Concordia Fire Ins. Co., of Milwaukee, Wis.
Delaware Underwriters

GENERAL MANAGERS FOR

METROPOLITAN FIRE INSURANCE CO. OF CHICAGO

Telephone Wabash 1120

Automatic, 580-321

Moore R C—l
Morrell Fred—l
Morrill E H—c
Morrison & Blew—c
Morrison & Miller—c
Morrison A D—c
Moss M F—c
Munger, Vokoun, Wet-
more & Witherbee—
f l c
Murray H W—f
Napier R A & Co—f c
Naghten John & Co—f

**Arthur S. Nathan
& Company**
1925 Insurance Exchange
Chicago

Nelson Elton A—l
Nelson N A—l

NEUBURGER AND CO.

Representative Agents

Dulmage F. & M. of Dulmage, Iowa
New Hampshire Fire Ins. Co.
Sun Underwriters Agency of London
Prussian National Ins. Co., Statin,
Germany.
Orient, Hartford; Boston, Mass.
INSURANCE EXCHANGE, Suite No. 1766

Newton C A & Co—f
Norris J S—l
Oats J F—l
Oliver H R—c
Oldenburg A C—l
Osborn F H & Bros—f

Oxnam W C—f
Palmer R F—l
Parker, Aleshire & Gar-
diner—f
Pegram H C—c
Phister W B—c
Pick Geo—l
Pogge Chas F—c
Porter C J—c
Powell W C—c
Prindville & Co—f
Purnell, Conover & Dud-
ley—f
Pruyn J R—c
Quint A M—c
Randall N B—c
Rawle R R—c
Redmond J W—c
Reif E—l
Rennie A S—l
Richards Guy A & Co—
f c
Richardson O D—l
Richardson Wm & Son
—f
Right C C—c
Roberts Geo W & Son—f
Roberts O F—c
Rockwood-Badgerow Co
—c
Roddick J B & Son—f

WM. F. ROLLO W. DIX WEBSTER

ESTABLISHED 1859

Rollo, Webster & Co.,

2021 Insurance Exchange

Insurance in all its branches.
Brokers' accounts solicited.Members of the National
Association of Insurance Agents

Rosenblatt S J—l

Ross Jas L & Co—f
Rosa R H & Co—f c
Rye Fred A—f
Sabin E T—l
Sabin R H—l
Sackett R E—l
St John E A—c
Sanborn W G—l
Saur Carl—c
Sauter Fred J—f
Schmidt A X—l
Shaw A F & Co—f c
Shepherd John—f
Shields Thos—l
Shillito P B—c
Simons Wm W—c
Sinai B J—l
Skelton J L—f
Smith Ezra—l
Smith J B—l
Smith Jesse E—l
Smullen A & Co—f
Smyth-Coombs Co—f
Sonnen W J—f
Snow Jas C—l
Speck Geo W—l

Starkweather & Shepley

(Inc.)

Fire, Marine
and Casualty Insurance

INSURANCE EXCHANGE BLDG.

(See Providence, R. I., Boston,
Mass., and New York City
List.)

Stauch Geo—l
Stauch Martin—c
Steele W L—f
Stewart W H—c

Stoffels O A & Co—f
Stone C A—l
Strong Jos H—l
Stuart G D—c
Sullivan W—f
Switzer E H—l
Taft & Rockwood—f
Tate W W—l
Teall Edward M & Co—f
Teller M M—l
Tennant Robt G & Son—
f l c
Thackery T W—c
Thomas Geo K—c
Thompson C H—f
Thompson F R—f l c
Thompson T W—c
Tillotson E W—c
Torpe A Jr & Co—f
Touhy S Rogers—f
Tramel Geo—l
Travis C M—c
Ullman A L—f
Vail Chas W—l
Vastine & Grogan—f c
Wadsworth Chas—l
Wagner J T—c
Waibel J E—f
Walker H H—f
Wallace B L—c
Waller, Chandler & Gray
Warner H S—c
Warren, Moore & Jones
—f
Watkins L H—c
Wayne H L Co—f
Webb L H—c
Weil A V—l
Wemhoener L—f c
Westenberger J—l
Westerhold W J—c
Wetzel Chas A—l
White Chas A—c
White H M—l

George W. Childs

Frank E. Young

Donald M. Wood

CHILDS, YOUNG & WOOD

Insurance Exchange

Chicago, Illinois

INSURANCE IN ALL ITS BRANCHES

Royal Indemnity Company

Providence Washington Insurance Company

Westchester Fire Insurance Company

Glen Falls Insurance Company

ILL.—Chicago, Con.

Whitlock R J—f
 Whitney B—l
 Whitney R S—l
 Wickes P L—c
 Wilber H P & Co—f
 Wilcox, Peck & Hughes—f
 Wilder W L—c

WILE, LOEB & GUTMAN

Representing: Aachen & Munich Fire, Ger.; City of New York, N. Y.; Cincinnati Underwriters of O.; North Brit. & Merc. of Eng.; Palatine, Ltd. of London; Sterling Fire of Ind.; Va. F. & M. of Richmond; Ins. Co. of No. Am.; United States Fidelity and Guaranty Co. (Surety and Liability Ins.); Gen. Agts. for Ill. of the New York Plate Glass Ins. Co.

1921 Insurance Exchange
 175 West Jackson Blvd.

Williams H G—l
 Witkowski & Co—f
 Wittekind G F—f
 Wood T P—c
 Wrenn Everts—l
 Wright H D—l
 Wyman & Palmer—l
 Yager L E & Co—f
 Young Collins—c
 Zaneis Geo F—c

CHILLICOTHE

Daugherty Jas W—f c
 Mitchell E A—f c
 Mitchell Wm A—f l c
 Pettett H C—f c
 Titus J A—f
 Zinzer & Scheeler—f l

CLINTON

Argo George—f
 Barnett A—f
 Bentley E B—f c
 Bright John—f
 Bryant Chas F—l
 Campbell H A—f
 Carter William J—f
 Danks Nellie—f
 DeBoice Benj—f
 Hand J T—f
 Hinchcliffe Morris—f
 Hoff Grover—f c
 Hughes Warren—f
 Ingham Leonard—f c
 Klarr Adam—f
 Lewis Edwin J—f c
 Luttrell James—f
 McArthur Nellie J—f
 Marvel George—f
 Miller A F—f
 Milligan T E—f l
 Mitchell E B—f
 Morelan Andrew—f
 Nichols Geo F—f
 Poland O H—f l
 Robb G L—f
 Rolofson John I—f c
 Sumners J R—f
 Sweeney E J—f
 Wilson Rayburn—f c

COAL CITY

Bennett H—f
 Campbell Joseph—f l c
 Young L K—f

COLLINSVILLE

Bardale E C—f
 Chandler N W—f
 Holzweg & Thomas—f
 Kneeder & Look—f
 O'Farrell Tony—f
 Schurmann & Co Henry J—f c
 Simpson Edw & Co—f
 Smith John F—f
 Vigna John—f

COWDEN

Moore—f l c
 Prater B E—f c
 Zeigler Chas E—f c

CRESCENT CITY

Harwood L C—f
 Hotelling R H—f l
 McDermott P—f
 Nightingale W R—f
 Ruble G L—f
 Schwer L—f
 Sternberg John—f

CUBA

Applebee J O—f
 Cole F H—f c
 Herbert J E—f l c
 Lane K—f
 Marshall Wm—f
 Snively G E—f c
 Taylor C D—f

DANVILLE

Adams Ins Agency—f c
 Covey A B—f
 Davies F L & Son—f
 Ferris F M—l
 Geddes J E—f
 Greene Jas L—l
 Gunnell O J—f
 Hendrich F E—f c
 Hendricks F L—l
 Hoff & Young—f
 Hopper O F—l
 Lane C & Co—f
 Linck Wm—l
 McClenathan C V—f
 Marsh John S—l
 Moore D G—f
 Osborne J W—l
 Palmer C K—f
 Partlow E R—f c
 Patterson H C—f
 Payne W J—l
 Phillips, Snap & Espen-scheid—f l c
 Platt L & Son—f l c
 Royse J P—l
 Runyon & Cannady—f c
 Shannon C R—l
 Webb David—l
 Webster J W Agency—f l c
 Wolfard, Shane & Wolfard—f c

DECATUR

Allen A C—f
 Baker R S—l
 Baldwin F W—f c
 Barth J W—f
 Bennette & Shade—f c
 Bohon R S—f
 Bouruff T W—l
 Bruick & Edman—f
 Burks C A—f
 Burtachi J L—f
 Combe W E—f
 Crabb & McNabb—f c
 Crane J W—l c
 Dinges J B—l
 Dorell Geo F—f
 Drake J L—f c
 Durfee & Durfee—f
 Fitzgerald J E—f c
 Haines Eideh—f c
 Hankins C S—f
 Hansan H N—l
 Hill L A—f
 Hoy S P—l
 Johns C H—c
 Johnson & Dimock—f
 Johnson & Bobb—f c
 Keener Jas S—l
 Kuny & Sthrome—f c
 Laughlin & Cloud—f
 Lease C H—l
 Lowe H B—l
 Lyons J C—f

Lundy W I—f
 McNeil W L—l
 Miner Ernest—l
 Montgomery C W—f c
 Montgomery R R & Sop—f c
 Mosberger & Urban—f
 Mulvain H M—l
 Nicholson C C—f
 Parker A M—f
 Paterson J E—f c
 Payne S L—f
 Penewell M E—l
 Pennington C H—c
 Pickle J M—f
 Pullen L C—f
 Randolph C C—f
 Rice & Stringer—f
 Schoenle & O'Mara—f c
 Scott C F—l
 Shirey W S—f
 Smith C C—l
 Stadler & Powers—f c
 Swann C A—f
 Threlkeld J G—l
 Walmsley W Z—f
 Walters L C—f
 Weiss F H—l
 Willson Arthur—f
 Wise H B—f c
 Wright W G—f
 Zimmerman & Pistours—f

DE KALB

Dowdan J A—f l
 Ferguson Chas E—l
 Fisk A W—f
 Flush F J—f
 Johnson Edward—f l c
 Kennedy A G—f
 Lemey E H—f
 McEwen H W—f
 Milligan S A—f
 Piper J M—f c
 Poust W S—f l c
 Powers John—f
 Russell A R—f
 Talbot G I—l
 Tyler S A—f c
 Wiltberger W F—f c

DELAVAN

Coburn S—f c
 Foster H—f
 Jones J O—f c
 Jones Paul H—f c
 Lawton L W—f c
 Rhoades E R—f l c
 Stone Fred—f
 Sunderland & Warner—f l c

DIXON

Brooks Clarence—f
 Dixon Realty Co—f
 Dollmeyer A C—c
 Fruin & Tingle—f l c
 Gilbert W W—l
 Haley J F—f c
 Hazeltine M J—l
 Hennekin A H—f
 Houghton-Vaile Agency—f
 Lewis & Raymond Co—f l c
 Morris H W—l
 Newcomer F X Co—f l c
 Petersberger Jos—f c
 Raffenberg & Son H—f
 Roe H A Co—f
 Shaulis J O—f
 Simonson A E—f c
 Smith & Leake—f c
 Smith F M—f
 Sterling J N—f c
 Street Lester—l c
 Wingert E E—f
 Wooley W W—f c

DOWNERS GROVE

Barnhart W H—c
 Blodgett W H—f
 Bush Guy L—f
 Edwards W H—f c
 Graves C G—f
 Lindley F D—f
 Naramore & Foster—f
 Shurtie & Jones—f
 Tucker J W—f

DUNDZEE

Baldwin Max D—f
 Baumann H J—f l
 Bogue C P—f l
 Bohn John—f
 Holmes F E—l
 Kamp H—f
 Reece F H—f
 Rigby I W—f c
 Schmeltz E A—f
 Schults Chas H—f
 Smith Ausberg—f
 Smith J R—f
 Weacht Henry—f

DUQUOIN

Clark S R—f l
 Cook M C—f
 Dowell G W—f
 Eaton R C—l
 Edel W F—l c
 Eichorn Chas—f l
 Evans S E—f l c
 Gill Gus—f l c
 Harris J E—f
 Hitt F Guy—l
 Horn Frank—f c
 Kelly L R—f
 Kimmel Howard—f
 Linzee Bros—f
 Messmore Miss Flora—f
 Nuding E J—l
 Parks Kate H—f
 Pierce E C—f
 Pope B W—f c
 Rogers Chas Jr—l
 Stacy N C—f l
 Stout Geo F—l
 Ward H B—l
 Weiss J A—l

DURAND

Attley W F—f
 Barningham J G—f
 Dolan M B—f
 Geary J M—f
 Graham J H—f
 Harris J F—f
 Hill E A—f
 Morris L J—f
 Patterson E G—f
 Shorb H M—f
 Van Sickle J C—f

DWIGHT

Baker John W—f l c
 Baker Roy M—c
 Diefenbach Jos A—f l c
 McWilliams Chas D—f c
 Mills Roger H—f
 Orr Burton—f l c
 Smith Frank L—f l c
 Taylor Geo L—f c
 Thompson Clyde H—f
 Weary & Snyder—f
 Weicker Louis A—l c
 Welch C E—c

EAST ST LOUIS

Abt E J—f c
 Beckwith Bros Co
 Canavan & Tarlton—f c
 Caughlin D W—f
 Caughlin Geo S—f
 Chamberlin John M—f c
 Ciannahan M R—l
 Cusack P B—l
 Drummond H J—l

Drummond W R—l
Eggmann August—f
Eggmann T F—f c
Fairbrother H C—f c
Fekete Thos L—f c
Hamlin F C—f
Hancock W P—l
Harding Bros—f
Harris M L—f l c
Hissrich C R—f
Hornor W H—f
McGuire & Breadell—l
McKain J T—l
McWilliams L S—l
Renshaw's J W Sons—f l c
Schiele C J—f
Sexton & Co—f c
Sexton & Sons—f c
Siefert & Vein—f c
Sikking J B & Son—f c
Smith Leon G & Bro—f l c
Soucy P J—f c
Steger F J—f
Tissier Bros—f c
Tielker-Wolf—f
Walrath C L—f c
Whitney R J—f

EDWARDSVILLE

Bartlett C A—f l c
Borman Jos—l c
Dale J B—f c
Estabrook W L—f c
Kremer P—f
Lusk P P—f l c
Marks Chas—f
Mudge E W—f c
Stillwell J F—f c
Sutter J R—f l c

EFFINGHAM

Althoff John—f l
Alt Henry—f
Baggett J J—f
Givin & Son—f
Holmes W S—f
Jagle M—f l c
Kagay Realty Co—f
Lake John—f l
Meeks Chas—l
O'Donnell M—f c
Overbeck B—f c
Parker H S—f
Probst J H—f l c
Rinehart W E—f c
Stewart & Ryman—f
Taylor F G—f
Worman J B—f
Wright Lester—f

ELGIN

Abelmann W H—f l
Allen F B—f
Anderson A—l
Andresen G H—f l c
Barber L F—l c
Bartholomew W H—f
Bente C H—l
Biegel Otto—f
Brown C F—f
Chamberlain & Kirkpatrick—f
Collins J L—l
Dunsmuir B A—f
Ellis DeGoy B—f
Gilbert E Lew—f l c
Goecke F A—f l
Groner W F—f
Grote Wm—f
Hubbard A H—f l c
Huelster William—l
Hunter & Given—f l c
Jencks Fred W—f c
Jones J H—f c
Lee E H—f
Lehmann Chas W—f
McBriarty C T—f
McClelland B F—l
McCrossin Geo—l

Mann E F—f
Musser P N—l
Prideaux Edw F—f l c
Richardson O D—l
Rippberger C A—f
Roach E J—f
Rose W H—f l c
Russell G L—f
Sheffner & Channing—f
Shopen & Paulsen—f
Sills Geo F—l
Tyrell C Pierce—f
Volstorff A J—f
Walsh M J—l
Wilson H R—l
Yarwood Geo R—f l

ELMWOOD

Clinch John—f
Jay Fred D—f l c
Schenck Harry—f

EL PASO

Aurbrey W W—l
Beecher J W—c
Bosworth J F—f c
Bourroughs Ed—l
Gray Elmer—c
Hammers I B—f c
Hoagland W H—l c
Horace Baker—f l c
Jenkins Katharine—f l c
Kuhn S A—f l
Larison F S—f l
Percy Andrews—c
Porter Henry—f l c
Ruston Gough—l
Schroeder C G—f l c
Shepard & Sutton—f
Smith J A—l
Waite A H—f c

ENGLEWOOD

Bawey Bros—f
McClun John—f
Morony Thos R—f
Redfield B B—f
Sharp W H—f
Spinks Wm—f
Tidholm C & C F—f
Warner J M—f
Whitley A H & Co—f

EUREKA

Baird A V S—f c
Baird H C—f l c
Colburn Byron L—f l
Danahay M E—f
Daret J P—f
Elkin Arthur—f
Felter P A—f
Foster W H—f
Harper Jno—f l c
Johnson J H—f
Moore Amber—f
Norton S B—f
Pefer Laura—f
Radford B J—f
Robeson E E—f
Simpson W R—f

EVANSTON

Carlson A T—f
Crain G H—f
Garrison M—f
McKinnie Bros—f
Mason & Smart—f
Myers J E—f
Prindle & Co—f
Quinlan & Tyson—f c
Schuett J C—f
Wightman C A—f c
Work Agency J W The—f l c

FAIRBURY

Agard E A—f
Carrethers C F H—f
Clandon N J—f l c
Henning Robert—f
Keck C W & Son—f l c

Luckenbill C W—l
Lynn Geo—f
McDowell & Rumsey—f
McFadden J H—f
Virgin C R & Co—f l c

FAIRFIELD

Atteberry W H—l
Bennett F E—f
Borah C P—f
Brockett H O—l
Cooper & Burgess—f
Creighton & Thomas—f c
Elliott A M—f
Freshwater E D—f
Gilligan E E—l
Goodwin Sam—f l
Grubb W L—f l
Hanna P—f c
Jessop R N & Co—f
Johns G W—f
Keen A F—f
Lawrence W S—f c
Marsh Albert—f l
McLin E E—f
O'Neal James—f
Pendleton S T—f l
Spriggs G A—f
Staley G A—f
Wilson C B & Co—f

FARMER CITY

Foulks & Shere—f l
Lindsay J A—f
Reed Fred—f c
Weedman W—f c
Young W S—f l c

FARMINGTON

Berdine C M—f
Daft A J—f
Johnson H—f
Johnson & Ritson—f
Kidder G L—f
Luckey A A—f c
Parks E L—f l
Steenburg A C—f

FLORA

Arbuthurt E H—c
Chaffin H C—f
Duff D F—l c
Duff G F—f c
Duff W H—l
Ewen Ruben A—f
Golden Allen E—f
Goldsby & Riggle—f c
Jenkins Edw E—f

FOREST PARK

Grosser W F—f
Lehman Mrs Frank—f
Roos A & Sons—f
Schumaker H—f
Warnhoff W C—f

FORRESTON

De Graff L—f
Eakle M H—f
Hannis John—f l c
Myers J M—f c
Philoueer L H—f
Schell H W—f
Wertz F—f c

FREEPORT

Boehn John—f
Buckman S A—f c
Douglas S A—f c
DuFour J B J—f l c
Frueh & Stephan—f c
Gilbert Ed—f l
Gund F M—f
Hamilton & Co—f c
Held F C—f
Hildreth C F—f c
Hoy J B—f
Knorr A C—f c
Littwinski—l c

Machamer I G—l
Marvin M B—f l c
Mayer & Parsons—f
Roland I N—f c
Rosenstiel Ralph B Co—f l c

Taylor & Frick—f l c
Temple H C—f
Wagner A F—f c

FULTON

Blodgett A M—f c
Eaton J M—f
Lein Geo—f l
McMahan & Rogers—f c
Naniga D—f
Snyder J C—f
Waite D C—f
Wilkins C J—f

GALENA

Bennett J T—f c
Blewett D B—f l c
Crooks G—f
Dunlap C C—f c
Friesenecker P M—f
Hansing W S—f
Heid F H—f c
Hodson T H—f
Knobber F—f l c
Moore J F—f
Nack J M—f
Slattery M C—f
Spensley Miss J—f
Spensley R M—f

GALESBURG

Allen N T—f
Allensworth C M—f
Allsworth & Co—l
Anderson-Steele Realty Co—f c
Arthur M K—l
Babbitt D E—f l
Bartlett & Robbins—f l c
Bayer P E—c
Berquist F E—f
Blayne J S—l
Boylor D M—f
Butler C C—l
Byram E T—f c
Callender W H—f c
Chamberlin Oscar B—f
Chelman J A—l
Clark Ella—f
Clark J C—f l c
Countryman I—l
Cowden Geo W—l
Craig H A—f
Crotty John E—l
Curtis J R—l
Dennison L H—f
Dickerson Chas—c
Fanstock J C—f l c
Faust F J—l
Fowler Elmer—l
Gordan F C & Co—f l
Green A S—c
Hardy, Welsh & Hardy—f

Henderson Thos—f l c
Horrell E D—f l c
Huff B J Jr—f c
Isaac Edw R—l
Jones R E L—l
Kelley S A—f
Kost John C—f
Leath J S—c
Lee Richard J—l
Lindstrum & Arnold Agency—f l c
Losey J H—f l
Lutz J W—c
McCarty C L—l
McCarty G R—l
McFarland F O—c
McLaughlin B E—c
Machen Henry S—c
Maley J E—c
Masen E T S & Son—f l c

ILL.—Galesburg, Con.

Meihsner & Son—l
 Mitchell W H—f
 Morey Hiram—f
 Morgan John W—f
 Mowrey C A P—f
 Murdock-Field Land Co
 —f
 Nelson Arthur—f
 Peterson Henry W—f l c
 Rhodes Miron—f
 Rowe T L—f
 Russell J M—l
 Sanborn L W Agency—
 f l c
 Smith L H—f
 Snouse H W—l
 Spinner W H—f l
 Stewart Maude M—f
 Sullivan W H—f c
 Sullivan W H Jr—f
 Templeton J B—f
 Thourcen E W—l
 Tracy E W—f
 Twyman Chas I—c
 Walsh J J—l
 Webster Ins Agency—f
 Welch J D—c
 Wenquist O P—f
 Wills A E—l
 Wilson H L—l
 Wood H—f
 Woolsey M B—f

GARDNER

Allison W S & Sons—
 —f l c
 Barton John—f l
 Green T S—f
 Lutz J C—f

GENESE

Bills C M—f
 Bradley B—l
 Fischer John—f
 Goember & Roberts
 Goemmel W S—f
 Hollunger H—f
 Hosford & Woehr—f l c
 Hoyt O W & Co—f
 Luther C F—f
 Luther Martin—f
 Morrow P—f
 Rehder W R—f l c
 Schnaible P S—f
 Von Housen A W—f
 Voss W C—f l c

GENEVA

Brooks Chas—f
 Burr W A—f l c
 Carlisle A L—f
 Howell W A—f
 Kastner A O—f
 Peterson J T—f
 Stimpel A L—f l c
 Wilson Jno—f

GIBSON CITY

Ball Amos—f c
 Bowersox Jacob—f
 Davidson W A—f
 Denne F H—f l
 Eggleston E L—f
 Fox J H—f
 Gilchrist A F—l
 Keith O C—l
 McKeever Wm—l
 Middleton O R—f
 Orris Harry—f
 Pence John A—f l c
 Phillips A L—f
 Rady Chloe—f
 Rady Ivy—f
 Shirley O F—l
 Ultsch O F—f
 Yoder M F—f

GIRARD

Bechtold J Z—f
 Bowersox Jacob—f
 Hamilton & Metcalf—f
 Littlepage Ed E—f c
 Metcalf Chas H—f
 Metcalf Hal—l
 Tietzort J H—f
 Wood Frank G—f

GOLCONDA

Kerr Tony R & Son—f
 Lap & Son—f l
 McCoy T S—f
 Pope County Abstract
 Co—f
 Scott C N—l c
 Scott L A—f
 Staubitz F H—f
 Steyer Theo P—f l c
 Vaughn T Roy—f l c
 Weil G—f

GRANITE CITY

Bartlett & Rode Meyer
 Co—f l c
 Champion Geo—f
 Faulkner & Jones—f c
 Harris J B—f c
 Hill & Penderoth—f
 Homan A—f
 Judd & Homan—f
 Koenemann & Goedeke
 —f
 Le Masters M—f c
 McCasland, Leyden &
 Todd—f
 Morris A W Realty Co
 —f c
 Reintges J C—f c
 Stallings Thos—f c
 Whitten & Champion—
 f l c
 Winkler Philip—f

GRAYVILLE

Bostick W J—l
 Charles C V—l
 Cleveland John—f
 Ellis C O—f c
 Heck Sam—f l
 Kershaw A M—f l c
 Negley G D—f l
 Seil W J—f c

GREENFIELD

Cannedy Wm—f
 Haven V H—f c
 Metcalf C T—f l
 Rollins A D—f
 Secor W G—f
 Shields H A—f

GREENVILLE

Breuchaud John—f
 Carson Eula E—f
 Clarkson I—f
 Dewey R K—f
 Gerke E L—f
 Holles C E—f
 Holles Guy B—l
 Johnston F—f
 Kirkham Perry—l
 McDonald Harry—l
 Miller Underwrit'g Agcy
 —f c
 Mitchell & Donnell—f
 Plog R L—l
 Reid-Baumberger Realty
 Co—f c
 Weaver G A—f
 White S Curtis—f

GRIGGSVILLE

Cunningham W O—f
 Hoyt E S—f c
 Sargent Wm—f
 Williamson E E—f

HAMMOND

Clark F I—f c
 Evans W R—f c
 Kizer T J—f c
 Vent J A—f l c

HARRISBURG

Abney A G—f
 Cavender & Gustin—f
 Felts L—f
 Grace, Collier & Belt—f
 Hubbard H E—f
 Joiner C E—f
 Koraker O M—f l
 Largent Eugene—f
 Ledford Geo—f
 Lewis James B—f
 Pearce J R—l
 Wills C E—f

HARVARD

Blake J C—f c
 Brandow Walter—f
 Crumb H D—f c
 Cunningham J E—f
 Diggins L O—f c
 Downs H A—f l c
 Groesbeck J W—f
 Hendricks C J—f
 Herrick Roy L—f c
 Johnson H W—f
 Manley B F—f
 O'Brien John T—f
 Peck E J—f l c
 Phelps & Axtell—f c
 Phelps Frank—f l
 Powers W H—f
 Saunders W D—f c
 Sweeney J A—f
 Vierck Chas—f c
 Weitzel R D—f
 Williams H S—f
 Young Mrs Lucy—f c

HARVEY

Applegate Chas—f
 Beck Peter—f
 Braley F A—f
 Campbell A W—f l c
 Colerick R E—f c
 Curran D T—f c
 Daniels Samuel—f
 Freese Geo—l
 Gearon & Gearon—f c
 Gerlach F A—f l
 Miller W H—f c
 Mynard H H—f
 Rogers W D—f l
 Sidle Geo—f l

HAVANA

Behmord Zelle—f
 Clauser D N—f
 Coppel C E—f c
 Cullinane A D—f c
 List E J—f
 Mitchell F I—f l c

HENRY

Applen John L—f
 Brown H L—f
 Coan M L—f
 Davis Oscar H—f l
 Hartly John—f
 Herald O F—l
 Hill J O—l
 Humphrey A G—f c
 Jacobs Henry E—f
 Jones J H—l
 Krenz J N—f
 Lord L S—f
 Phillips L R—l c
 Potter F W—f c
 Smith C E—f
 Sawyer Chris—f
 Stoner H G—f c

HIGHLAND

Blattner Louis—f l c
 Gruas's Tim Ins Agcy

Koch Christ—f c
 Koerner J T—f c
 Marcoot & Bellin—f l c
 Moser G—f c
 Pabst C T—l
 Peters George—c
 Ruegger George X—f
 Ruegger Reinhart—l
 Zeller A—f c
 Zimmerman Jos—l

HIGHLAND PARK

Andrews E E—l
 Brand Wm E—f
 Conrad John E—f l
 Dooley Mary—f
 Duffy James H—f
 Erskine D M & Co—f
 Floyd Jane L—f
 Gail E S—f
 Grant Chas F—f
 Hepburn J B—f l c
 Miller Jennie L—f
 Prindiville J W—f l c
 Roberts G W—f
 Roberts R—f
 Vail H S—l

HILLSBORO

Abbott Wm—f
 Auble W H—f l
 Barringer J B—l
 Butler & Brown—f
 Canada S D—f
 Crawford H R—f
 Cress A A—f
 Cress Edward A—f
 Frey J J & Co—f l c
 Grassell C W—f l c
 Hargrave H S—f
 Hill L V—f
 Major J Earl—f
 Miller & Miller—f c
 Strange A T—f l c
 Thompson Fred E—f l c
 White & White—f l c

HINSDALE

Ayres Frank—f
 Beaton Geo—f l c
 Coe C T & Co—f c
 Davis E F—f
 Fish Samuel H—f
 Fox Herman M—f
 McClintock Jas—f
 Perry Miss Ida—f
 Warren Chas C—f

HOMER

Dixon O P—f
 Elliott W A—f
 Krugh & Butler—f
 Ocheltree J M—f
 Rickard E T—f
 Smoot H M—f
 Thompson J H—l c
 Tudor J A—f
 Wallace Chas H—f
 Wiggins P E—f

HOOPSTON

Catherwood & Wallace—
 f l c
 Clyde Stevens—l
 Connolly R G—f c
 Cooper A B—f
 Duley George W—f c
 Frank Lee—f
 Gilman L D—f c
 Greenburg Jas—f
 Hoover G—f
 Lee Frank—f
 Lee M O—f
 McClure J C—f
 McElhaney B F—c
 Rodman R—f
 Ross O O—f
 Russell L B—f
 Sibbett A C—f
 Stevens Clyde—l

Shover J—l
Wallace Forrest W—
f l c
Wallbridge J B—f
Wilson Robt E—f l c

JACKSONVILLE

Ayers Walter & Co—f c
Bancroft, King & Green-
leaf—f l c
Beck Edw Sr—f
Bronson T J—f
Buckthorp T H—f
Campbell J H—f
Doane L S—f
Dunlap & Sheppard—f
Dunlap M F—f
French C L—f
Goebel & Chenoweth—f
Goheen L—f
Gorman Wm—f c
Gregory F L—f c
Hackett J H—f
Hackett J S—f
Hatfield E E—l
Henderson A—f
Hook M C & Co—f c
Hodgson & Ledford—f
Hurst J M—f
Jacobs C W—f l
Johnston E F—f
Keating Edw—f
Kennedy John—f l c
Knapp J E—f
Kopperd G H—l
Laning T P—f
McCullough J M—f
McGinnis Daniel—f
Miller J M—f
Morris O A—f
Osborne Marcy—l
Potter Homer—f
Saye Ed—l
Scott A O—f
Stein P J—l
Strawn & Spink—l c
Sweeney Daniel—f
Spink & Gunn—f l c
Thomson W E—f
Vaughan C J—l
Veitch W E—f l
Waggoner Ruth—f
Ward Chas H & Lathrop
H—f l c
Wisswell Geo T & Son
—f

JERSEYVILLE

Becker Jos W—l
Bowman S H—f l c
Brockman L—l
Brown J J—l
Bull H D—f
Colean J R—l
Cuttings Ins Agency—f c
Darby Wm T—l
Dolan M J—f
Dorris Bert—l
Fesenmeyer F J—l
Griggs Ed D—f c
Hamilton Paul M—f c
Heller F D—l
Keller Cosmos H—f
Kraus Thos A—c
Richards Wm P—l
Rogers J V—c
Smith Jas H—f

JOLIET

Clare Wm H—f c
Clement Charles A—f l c
Cordano Nicholas—f
Cornell M E—l
Crosbie H M & Son—l
Eib L H—f
Goodspeed Co—f c
Goodspeed Edith I Agcy
—f l c
Grinton A E—f
Hammond C W—c
Henry G W—f l

Herath J R—f l
Hopkins S C—f
Howard E E—f l c
Hughes M—c
Jordan C W—l
Keeling Felix & Son—f
Lennon Bros—f l c
Little H D—f
Loughran M F & Co—f c
Lyons J A—f
Merwin Charles B—f c
Munroe Bros—f c
Murphy P A—f l
O'Connor J—f
Oliver Realty Co—f l c
Pinneo Charles F—f
Porter A N & Co—f
Robson G W—f c
Schager A—f l c
Schoenstedt August & Co
—f c
Schluntz & Rehn—f c
Shear Geo W & Co—f
Stephen Oscar J—f c
Stern L & Son—f
Stoll C N—f c
Stoll H C L & Co—f
Walsh F J—f c
Walters Bros & Walsh—f
Ward J H—f
Waters P J—f
Wroughton J E—l

KANKAKEE

Berry J R—l
Calkins E D—f l
Carey W I—f
Carlin John I—f
Conklin C R—f l
Cornwell H L—f
Dolan James—f
Durham W M—f c
Erzinger C H—f
Fellows J H—f
Fenoville L—f
Fitzgerald B L—f l c
Hetherington L R & Co
—f l c
Kruger Otto—f
Lafond Peter—f l c
Lane H E—f l c
Look T J—f
McAnnally F I—f c
McAnnally Sarah—f
McIntyre S C—f
Mead Chas H—f
Moissant-Brosseau & Co
—f l c
Orr Jas N—f
Peterson J H—f l
Schneider Albert & Sons
—f c
Topping Harry—f l c
Tracy C L—f

KANSAS

Anderson Frank—f
Ban Cora H—f l
Dyer S L—l c
Hallock P D—l
Hurst E E—l
Korte—f
Nicols Bruce—f
Owens W E—f l c
Pinnell W S—f l c
Shaver L—f c

KEWANEE

Anderson C L—f
Anderson & Robinson—
f c
Anthony Geo A—f c
Beadle E A—f
Blake Ira—f l c
Cavanaugh A L—f l
Cundiff Geo B—l
Farr C C—f
Fischer John—f c
Fischer Michael—f c
Green R M—f
Gulschen M—l

Houle W D—f
Jones John M—f c
Koppitz & Fauli—f l c
Mainwaring E—l
Morrill C A—f l c
Nelson & Anthony—f c
Neville Russell T—f c
Phillips Horace—f l c
Robb S E—f c
Smith Walter L—l
Snyder C—l
Stevens C L—f
Stull E E—f l c
Taylor R E—f l c

KIRKWOOD

Carmichael C A—f
Houston J W—f
Tubbs & Watson—f l c
Tubbs J A

KNOXVILLE

Lewis I J—f
McIntosh Josephine—f c
Nelson O C—f
Sanford Jno F—f l
Stgphens Mrs Mabel—f
Tate J W—f
Wager C N—f
Wilson F E—f
Wyman A N—f

LACON

Black Mrs Anna B—f c
Devault J M—f c
Ford W H—f
Garratt C C—c
McMurtie L C—f
Maxwell R H—f c
Ong C N—f c
Richmond E D—f
Taylor B F—c
Wescott & Smith—f l c

LA GRANGE

Brown W J—l
Cossett F D & Son—f l c
Fogg Brothers—f
Gardner Luella Mrs—f
Lane R E—l
Perch S—f
Sackett C L—f
Sands Henry—f
Wesemann W L—f

LA HARPE

Booth J R—f
Conrady L—f l c
Coulson C S—f
Coulson Geo—f
Hungate Q W—f
Ingraham C H—f
Kaiser W B—f
Martin Bros—f
Scott T J—f l
Warner C W—f
Wilson Jas—f

LA SALLE

Cleary C—f
Duncan N W—f c
Duncan Walter—f l c
Huffman Chas C—f
Huling A—f
Wilson Robt E—f l c
Hummer Wayne—f l c
Mason W S—f l c
Mattioti S—f
Farks W—f
Pierard J F—f l c
Plogens F M—f
Walt N H—l
Wilson G A Jr—f
Young J R & Son—f l c
Zwick C F—f
Zwick F B—f

LAKE FOREST

Anderson Joseph—f c
Chase Samuel—l

Griffith & Warren—f l c
Melody Martin—f
Wyman W J—f

LANARK

Adams Geo—f c
Glottelty J M—f
Hepler R H—f l
Lampert A J—f
Schoen Henry—l
Shaner A B—f
Shaner John—f
Tallman G W—f
Wolf Guy—f
Yeager Joseph—f c

LEBANON

Chamberlin C E—f l c
Condrey Frank—f
Eisenmeyer Homer—f l
Fuchs O H—l
Gerking D V—f
Gerking Geo W—f
Hearding W—f l
Reibold Benj—l
Sager E G—f
Sager Jesse B—f l
Wolfe W J—l
Zerweck Louis Sr—f

LEMONT

Blesch Geo—l
Buckkevoicz Vincent—f l
Grof John A—f
Shattuck Fred—f l
Tedesco Walter H—c
Walker Geo S—f

LENA

Baldwin George L—f l c
Baldwin Leslie W—f
Dunn J C—f l c
Haubach Eli—f
Krape A A—f l c
White R M—f
Wingart Geo—f

LEWISTON

Campbell Susie L—f
Fiske, Snively & Breck-
enridge—f l
Gillam W B—f
Griffith R E—f l c
Groat Cress V—f l c
Lilly Fayette L—f
McCumber Geo O—f
Proctor C H—l
Rucker E H—f
Watson T B A—f

LINCOLN

Bates W C—f
Biwer P M—f
Corwin Chas—f c
Corwine Geo D—f l
Cossett Maud—f
Cox G H—f
Davy T S—f l c
Dawson W W—l
Fogarty Wm—f
Haller J S—f
Hodnett W E—f c
Hoover J C—f
Latham Richard—f
Maxwell & Hunter—f
Myers Benj—f l c
Parker Lynn—f l
Peck George—f l
Petrie L V—l c
Rautenberg E F L—f l c
Richardson A L—f l c
Rigdon W H—f
Ryan & Purinton—f
Ryan Harry E—f c
Schweigerhardt G J—f c
Thomas W A—l
Wakeman H F—f

ILL.—Con.

LITCHFIELD

Barnwell C G—f l
 Bray M E—f
 Groner & Taylor—f
 Kane A L—f
 King W J—f
 Morris Wm N—f
 Neighbors J L—f c
 Neuber Arthur—f
 O'Bannon S E—f
 Oberle Louis—c
 Pound Edson—f
 Rea & Tester—f l
 Sheppard H J—f
 Smith E T—f
 Stanifer A R—f l
 Strehe J C—f

LOCKPORT

Anderson Albert—l
 Cheadle C B—f
 Cheadle T A—f
 Chidsey D—f
 Finch S W—l
 Goss C S—f
 Keely Jas E—f
 Kieg J J—l
 Marvin J L G—f
 Muehlenpfordt C H—f
 North W W—f
 Norton Geo B—f c
 Parker Miss G—f
 Pitts J R—f
 Prutsman P E—f
 Ryan P C—f
 Smith A L—l
 Spangler C H—f
 Stowe F F—f
 Walter J A—f c
 Walter F M—f
 Ward W M—f

MCHENRY

Freund J W—f c
 Mead H C—f c
 Perry & Owen—f
 Satem G F—l c
 Saylor J N—l c
 Stenger Carl W—f c
 Stoffel Simon—f c
 Walsh M J—f l

MCLEANSBORO

Anderson Harry—f c
 Anderson & Rawls—f
 Bowen E H—l c
 Carner & Eckley—f
 Crippin A W—f l
 Cross Jno R—f
 Denson James Jr—f
 Denson W W—f l
 Elliott Walton—f c
 Gray Wilson—f
 Hogan G W—f c
 Howard L—f l c
 McGee James—f
 McNabb C R—f
 Shoemaker J M—f
 Underwood D J—f
 Webb & Lane—f

MACOMB

Ausbury E T—f
 Black William—f
 Collins L R—f
 Cox Wm—f
 Flack C W—f
 Fuhr A B—f
 Gumbart C G—f
 Hardy Oscar—l
 Hites C E—l
 Imes Lyde I—f
 Jenkins W R—f c
 Keefer J M—f
 King J R—f
 McClellan F G—f l s
 McLean B F—f
 Norton E J—f c

O'Hara Ira J—f
 Patterson Maud—f
 Shannon Mae—f
 Sherbrie Edw—l
 Swango Ralph—f
 Tabler Harry—f
 Ulrich J H—f
 Vose L B—f
 Walker Elmer—f
 Walker W A—f

MARENGO

Beldin Geo D—f
 Boyle Dan B—f
 Colver Geo F—c
 Crissey S H & Son—f
 Gault Richard—f l c
 Joslyn Everett O—l
 Levy Malcom J—l
 McKown O J—f
 Mead A M—f
 Mead W F—f c
 Peters John C—f
 Renwick Geo F—f
 Riley Lillian—f
 Riley T J—f
 Seward E E—f
 Smith Alfred C—c
 White Jas T—f
 Woleben N W—f l c
 York Marcus D—f

MARION

Aikman & Jackson—f
 Albbrook Brothers—f c
 Belcher John—c
 Brown Chas A—l
 Burkhardt W S—c
 Burnett Ed—f c
 Campbell Lloyd C—f c
 Davis & Murphy—f
 Griggs Ins Agency—f c
 Finley J R—l
 Fowler J L—f
 Fowler R R—f l c
 Hentz A C—f
 Johnson J L—l c
 Joseph A H—l
 Kelley T R—c
 Lewis Arleigh—l
 Lewis & Aikman—f c
 Lewis J P—f
 Parks Roscoe A—f
 Mead Guy—c
 Mercer G W—l c
 Morrison F E—l c
 Nicks J T—f
 Williams O M—c
 Zimmerman M O—l

MARSEILLES

Brewster T D—l c
 Bruce Jas—f
 Nicholson D A—f
 Osgood Henry—f
 Roath B A—f
 Smith & Kelso—f c
 Spencer E R—f

MARSHALL

Arford E K—f l
 Black Bertha—f
 Black F R—f
 Brown R H—f c
 Claypod Charles—f
 Claypool E—f
 Cole & Cole—f l c
 Cole Charles—f
 Craig Thos—f
 Dunn J W—f c
 Emerson Ed—f c
 Greenough F W—f
 Hurst S—f
 Janney H M—f
 Janney Victor—f
 Johnson B F—f c
 Martin W T Jr—f
 Meehling J J—f
 Poorman & Tarman—f
 Shoemaker J D—l c
 Weir John—f

MASCOUTAH

Bocquet Julius C—f l c
 Lill & Lill—f
 Schreve Gust—f
 Wombacher Geo F—f

MASON CITY

Ainsworth W E—f c
 Buehrig F W—f
 Covey W A—f c
 Culp R D—l c
 Culp J S—f
 Fiddler W R—f
 Naylor E A—f
 Stone W E—f
 Walker J S G—f l c
 Walker R L—f

MATTOON

Casper Harry—f l c
 Guthrie E T & Co—f l c
 Hanrahan Jno F—f c
 Kern Charles L—f c
 Kincaid & Kincaid—f l c
 McVay W W—f
 Matton Title & Trust Co—f c
 Smith A C—l
 Sutherland & Co—f
 Spitzer Noble & Co—f l c
 Tivnen & Co—f l c
 Wilson & Gannaway—f c

MAYWOOD

Adgate Mary C—f
 Benson O H—f
 Goodrich Henry K—f
 Heller Charles—f
 Hubbard Charles—f
 Maywood Trust and Savings Bank—f
 Woodward E S—l

MELROSE PARK

Carson John G—f
 Citizens State Bank—f c
 Cramer Mathew—l
 Davison Adam—f l
 Melrose Park State Bank—f
 Soffel John—l
 Vosburgh Frank R
 Wolf Charles J—f c

MENDOTA

Blanchard Geo E—f
 Buettner O J—f
 Cranwell T S—f
 Crawford R N—f c
 Feik B J—c
 Hempstead E F—f
 Kieselbach Otto C—f
 Knauer L F—f
 Lamberton J A—f
 Madden & Goedtnr—f l c
 Maus E A—f
 Moore Howard—f l
 Phol Carl—f l
 Powell Chas D—f
 Reck B H—f
 Reul J—f l c
 Woods J R—f c
 Yost C—c

METROPOLIS

Anderson & Co—f c
 Planigan B—f
 Keer S B—f c
 McKee R B—f l
 Miller & Roberts—f c
 Morris Fannie—f c
 Morris J H & Co—f
 Steers Harry—f

MINONK

Davidson & Hindert—f c
 Fort & Fort—c
 Fulton A W—f l
 Gerdes Jacob S & Co—f l c

HENDERSON E J—f

Kerrigan D J—f
 Kipp S C—f c
 Layton M F—l
 Memmen U B—f
 Mingers J A—l
 Pickard Jos—f
 Schneider Geo W—l
 Simpson Jas A & Son—f
 Stoddard R B—f
 Sutton Robt R—f c
 Sutton W G—f
 Wickler & Searcy—f c

MOLINE

Anthony Mary—f c
 Burgsten S F—f l c
 Carlson Chas G—f
 Carlson Geo E—f
 Cleaveland L K & Co—f l c
 Crompton S S—f c
 Dietz G O—f
 Duncan & Jamieson—f c
 Eastman E L—f c
 Eberling Geo A—f
 Entriokin Fred C—f
 Flick G—f
 Grantz C F—f
 Gustafson Frank—f
 Horblit M—l
 Horstkamp M—f l c
 Johns L O—f
 Kerns & Vernon—f c
 Kohler A H—f
 Lovejoy Geo A—f l
 McDonnell D S—l
 Metzgar Judson D—f
 Moore W R—f c
 Murphy Joe E—f
 Murphy Joseph—f
 Oakleaf J B & J L—f c
 Oldefest Henry M—f c
 Olsen Andrew—f c
 Parks H H—f
 Sherman Fred—f l c
 Wallace J H—f

MOMENCE

Brassard V T—f
 Brown W A—f
 Butterfield G—f
 Dundas J A—l
 France Jas B—l
 Halverson H—l c
 Harney E P—c
 Jarvis A—l
 Kirby J J—f
 Lane F E—f
 Le Mesurier H D—c
 Parish Varnum A—f
 Payne Thos F—f l
 Schall W P—f
 Styles D E—f
 Tallmadge H F & F—f l c
 Tower T W—f c
 Upham T A—f

MONMOUTH

Allen J A—f
 Bowen F A—l
 Bruner G C—f
 Campbell J H—f
 Clippinger E E—f
 Copeland W G—l
 Dains E I & Son Co—f
 Davis Chas—f
 Ewing C E—f
 Giles I W—l
 Hickman Ross—f l c
 Jeffreys M G—f
 Lahl F—f
 McCray Albert—f
 Mitchell W A—f l
 Quimby & Hallam—f c
 Schall W P—f
 Sykes Mrs M E—f l
 Union Land Co—f
 Wise C S—f
 Wray R L—f
 Young C M—l

MONTICELLO

Ayre J W—f
Burgess L C—f l
Holmes Sadie—f
Kaiser H E—f c
Kuns J C—f l c
Porter & Medaris—f l c
Rodgers Wm E—f
Smith & Gross—f l c
Tatman C A—f c

MORRIS

Blasingham & Caisley—f l c
Bliss S C & Co—f c
Campbell P J—f
Erickson Ed—f l c
Foley James—f
Hilliker A H—f l c
Leach Harry—f l c
Petters J G—f l c
Pike E W—f l c
Reardon C—f c
Sanford W G—f c
Simrall L E—f
Skelton A H—f l c
Smith, Smith & Smith—f l c
Young C D—f

MORRISON

Acherman Chas—f
Blodgett W A—f l c
Harrington & Bruins—f
Ludens H J—f c
McBride H A—f
MacKlin C G—f l c
Maxwell S A—f
Payne E W—f c
Ramsey & McCalmont—f c
Reimers J J—f c
Riordon J A—f c
Thomas F M—f
West Bros—f
Whistler L E—f

MORRISONVILLE

Campbell John W—f
Maxon Howard L—f
Nail Wm F—f
Steinburg Levy—f l

MOUND CITY

Curren & Sheehan—f
Gaunt Chas M—f
Hood Fred—c
Martin Geo E—c
Trammell G C—c
Waugh John A—f
Wehrenberg Charles—f c

MOUNT CARMEL

Bedell Mrs M T—f
Cunningham Sheridan—l
Followell Clarence—l
Hughes & Chipman—f c
Kelsey Mrs J Maxwell—f
Ramsey J E—f l
Reynolds & Reynolds—f c
Russell S L—l
Seibert D F—f
Smith A J—l
Stein Geo B—f l
Stein Wm—f l c
Toombs J H—l

MOUNT OLIVE

Clavin C—c
Harlan L M—f
Keiser A C—c
Krusz Wm E—f
Neal J D—f
Nieschwitz S R—f

Reilly L C—f
Sassmannshausen F A—f c
Scheller Richard A—f
Troeger H J—f

MOUNT PULASKI

Danner F E—c
Danner G C—f c
Downing E A—f
Fuhrer Fred—f
Heckler C—f
Jarvis Everett—f
Schafer G F—f
Schafer H W—f
Smith Geo—f
Wynd H V—f

MOUNT VERNON

Baugh J W—f
Bryan B T—c
Clark F A—c
Crooker J P—f
Freshwater W W—f
Gibson J W—f
Grant Rufus—f l c
Hill & Hill—f l
Hinman Earl—f l c
Hoit C F—f
Hollingsworth Guy—l
Johnson A C—f
Legge L E—f
Menzer Frank—f
Moss N H—f
Murken F E—f
Ore Geo L—f
Pace W T—f
Peavler E M—f
Piercy N A—f
Ragan S N—c
Richardson V E—f
Smith Kirby—f
Snedaker Frank
Stephenson W J—l
Tanner A C—f
Thompson C H—l
Thompson Frank—f
Threlkeld Geo—f
Webb & Harris—f
Webb Frank C—f
Williams Curtis—f

MOWEAQUA

Ayars M S—f l c
Ayars Ralph—f c
Colbert Chas—f
Gregory H R—f c
Day H M—f
Gregory H R—f
Gregory Richard—f c
Hammill C A—f
Hudson B F—f
Snyder K R—f
Snyder R W—f c

MURPHYSBORO

Bower Dan—f c
Cotter E V—f l c
Doty R E—f
Hunt Myrta—f l c
Kane John R—f c
Kuehle & Sons—f c
McElvain R J Jr—f
McNeil Sam—f
Martin Robert P—f
Morton C H—l
Pierson J J—f l c
Probaugh Ed P—l c
Ritter Chas L—f l c
Roberts A H & Son—f
Shaw Will G—l
Smith F A—l
Tansey J L—l
Vancloster Ed—f
Watson Andrew—f l c
Watson R W—f c
Wells Joe—f l c
Williams Ben T—f c

NAPERVILLE

Christ M E—f
Egerman John—f
German Melvin—f
Myers B H—f
Rassweiler H H—f
Rassweiler Harry—f l c
Rice & Weiss—f l c
Scott Alvin—f l c
Sheldan R M—f

NASHVILLE

Carter J P—f c
Fiene Fred—f
Forman Bros & Jones—f c
Holston B B—f l c
Hosmer Henry—f c
House H H—f
Hutchings A W—f l
Stanbrook Wm—f
Tharp Amos—f
Wehmeyer E H—f

NEWTON

Arnold J F—f c
Burton Dr E E—l
Calvin A F—f
Cooper W W—f
Davidson H C—f
Fraller P R—l
Isley & Kittle—f c
Jack J P—f
Johnson E F—f c
Matheney John W—f c
Payne Harry—l
Prather T O—f
Richards L A—f l c
Robertson F H—f l
Shupp John H—f c
Stewart & Prather—f c

NOKOMIS

Gelly R & Son—f
Griffin Alf—f c
Kelley & Adden—f
Miller Harry C—f c
O'Meara A E—f
Webster W G—f c
Wild & Webster—f c
Young, Crickenberger & Kettelkamp—f l c

NORMAL

Goodwin Jno A—f
Henthorn & Lents—f
Keady Alex—f
Learned D H—l
Miller J B—f
Sales S B—f
Washburn J N—l

OAKLAND

Bell Bros—f l
Maddox J W—f
Menaugh J F—f
Rutherford H J—f
Shepherd J W Jr—f
Smail J A—f
Widdows O B—f

OAK PARK

Allen W H—f
Barker O B Jr—f
Blackstone & Co—f
Carman S S—f
Clark N R Mrs—f
Cogswell L D—f
Cotton Harry & Co—f
Cojton W F—f
Davis E V—f
Dunlap & Co—f
Einfeldt Henry & Co—f
Fletcuft C B & Co—f
Fuller E A—f
Furlong E G—f
Gale Wm H—f
Green F W—f
Hemingway G R—f

Howe Chas O—f
Johnson Bros & Co—f
June Frank H—f
Kelly John J—f
Knott L E—f
Kringel F J—f
Leadaman H N—f
Lehman H J—f
Lloyd Wm—f
McKee Hazel E—f
Middleton E—f
Miller Peter H—f
Morton Earl—f
Nohac Jos & Co—f
Oaks W W—f
Pike Ivory H—f
Rundell Chas L—f
Taintor & Gallup—f
Thompson F D—f
Tristram J E—f
Willing James P—f

OLNEY

Baird Chas F—f
Coen H C & J T—f l c
Harris M S—f
Head I C & Son—f l c
Kaufman A—f
Keller Geo A—f c
Martin & Harrell—f c
Nelson M L—f l c
Price J B—f
Quick Chas—f
Slanker G D—f c
Stilwell C A—l
Tennyson A—f
Tippitt Thos—f c
Von Almen J C—f
Wilson Jas P—f l
Yost David—f c

ONARGA

Amerman Helen—f
Amerman M T—f
Durham E D—f
Egley G B—f
Furby I W—f
Kay J W—f
Koon W B—f
Risser A B—f

OREGON

Bohner Geo—f l c
Brown Geo A—f l
Burchell F W—f c
Chamberlin C H—f
Etnyre C D & Co—f l c
Gantz Frank—l
Landers C A—f l c
McDowell R L—f l c
Myers C M—l
Perrine Walter—f
Ray E A—f
Sears Harry—l

OTTAWA

Anderson J A—l
Andrews S A—l
Barnard W H—f
Bowers R Ethel—f
Buckner & Roe—f
Cairns David—f
Caton C A—f l c
Colwell Wm—f
Curtis W W & E J—f c
Doolan & Brewster—l
Farrell T B—f
Hanifen Michael—f
Harris J O & Son—f l c
Hatheway Fred—f c
Hess Lewis—f l c
Johnson H W—f
McEvoy A S—f
Mahoney P J—f l
Olson & Heiberg—f
Pusey W B—f
Rees A G—f
Sinon W J—f
Stout Miss Elizabeth—f
Trimble Geo M—f l c
Wharton E B—f c

ILL.—Con.

PANAMA

Alexander Joe—f
Antisdel C L—c
Baldwin & Baldwin—f c
Cutler F A—l
Ferguson H W—f l c
Ferguson L N—f
Gaffner C F—f c
Glasgow C A—f c
Griffith Logan—f
Hills C—f
Johnson E G—c
Jordan W F—l
Kirkpatrick H B—l
Lees Ed—f l
Marland G W—f
Metheny J A—f l c
Miner H B—f
Morgan O F—f l
Mull E E—f l c
Pierce F J—f c
Pierpoint J J—f l c
Reese J E—l c
Turner Frank—f c
Warren Wm—f
Whitehouse C—f
Woodrow Walter—c

PARIS

Beckett J P & Co—f l c
Burt W N—f l
Cline A H—f
Cole W D—f l
Doak J W—f
Dole Geo V—f l
Eldridge Albert—f l
Forcum Arthur P—f
Guthridge James—f
Halloran Mrs Hannah—f
Hays Mrs Anna—f
Howard George F & Son—f l c
Hutchinson W J—f l c
McCord Richard K—f
Mann A C—f
Moffatt N R—f c
Redmond W E—f l
Sheppard J A & Sons—f c
Sheriff W B & Co—f c
Tanner Everett—f
Tanner Ins Agency—f l c
Thompson J D—f
Van Sickle S G—f
Wright Fred W—f
Zimmerly S E—f
Zimmerly B A—f

PAWPAW

McMillen Chas W—f c
Wright & Fleming—f l c

PAXTON

Bailey D G—f
Cole J W—f
Duffield H E—f
Flora W B—f l
Fogersburg E H—f
Floyd E T—f l c
Guidquist Alfred—f
Hall F L—f
Johnson C A—f
Johnson Victor E—f
Johnson C E—f
King C L—f
Kinnison Ethel R—f
Ludlow Samuel—f c
McQuiston M G—f
Nelson Emil—f
Newman E O—f
Shelby Chas—f
Smith Miss Haidie—f
Wylie O H—f

PEKIN

Allensworth B C—l
Becker Herman—f l c
Dunkelburg Victor—f l c

Edds James A & Co—f
Haines James & Son—f
Heck & Meyers—f
Hinnners Mrs Lena—f c
Holland C F—f l c
Horwith George B—f
Lohman Martin—f l c
Lucas George H—f
Shurman W E—f l c
Smith John L—f l c
Soady F W—f
Struck Herman—f l c

PEORIA

Augustine Otto H—l
Becker R O—l
Bills Roswell & Co—f l c
Blush J H & Co—f l c
Brennan L J—l
Bryan George—l
Bryan W F—f c
Callender & Co—f l c
Casey J J—f l c
Cone & Sears—f c
Cummings & Son—f l c
Drysdale Wm—c
Fielder Wm—f
Furst & Bourke—f l c
Gable & Son—f l
Gerdes, Sprague & Co—f c

Goodfellow G C—l c
Hatfield & Co—f l c
Kempshall & Keene—l
Kimmel Chas A—f
Levison Sam—f c
McClintick W T—l
McQuade J—l
Maynard Chas A—l
Monroe E D—l
Muller Theo J—f c
Ottenheimer S W—l
Pattison H O—l
Phelps R R—l
Reagan Geo W—f c
Reinhardt Henry—f
Reyburn Ins Agency The—f l c
Rousseau A W—f c
Schriever R A—l
Sleven F T—f
Smith Philip—f
Spurck & Griesb—f c
Struck H—f l c
Trefzger Adolph Co—f c
Velde H F—f l c
White & Pumphey—f
Whitney C O—l
Wittick W A—f l c

PERU

Briel Geo—f c
Bulfer Chas C—f
Dauber F L—f
Eikhoff G H—f
Foiey John E—l
Helmig Henry & Son—f c
Hoberg & Hoberg—f
Hoenschied Chas B—f
Hoover Aaron—f
Hoss & Lockel—f
Hoss Gustav—f l
Keegan P T—f
King R J—c
Koppen Anton—f
Means Wm E—l
Neurentner C A—c
Ream Henry—f l c
Scanlan & Massieon—f c
Struerver Rudolph F—f l c
Wagner Wm—f
Werling F X—f

PINCKNEYVILLE

Crawford Joe—f
Dry Alva
Dwyer Clara K—f
Edwards W O—f c
Gruner Phil—f

Kane E K—f
Sims W W—l
Taffee J G—f
Timpmner Edw—f
Taylor Hosea—f l
Trover G H—f
Wallace T L—f

PITTSFIELD

Allen P C—f l c
Bush W C—f c
Dinsmore John F—c
Dulaney F D—f
Frazier F L—f
Haskell J R—f l c
Heck Bros—f
Hess J D—f
Hesley Harry—f
Hirshiemer L D—f c
Hooper Chas A—f c
Miller Hugh C—f
Morgan S L—f
Neibur F W—f
Patton J R—f c
Saylor Henry—f c
Smith Mark—c
Strauss Wm—f
Turner T G—f

PLANO

Henning E W—l
Jones W K—f l
Leitch R—f
Smith J H & Son—f l c
Turpin J E—f l c

POLO

Clinton E M—f l
Clopper Wm—f
Coursey H W—f
Folk Lloyd—f l c
Griswold W—l
Miller Geo—f c
Munlix F—l
O'Kane E—f l
Schryver M E—f l c
Tyner Harry—f
Wales S—f
Zick Fred—f

PONTIAC

Armstrong Grant C—f c
Ball Asher C—f
Carithers E V—f
Cates P H—l
Greenwood & Wisman—f
Gray W W—f l
Greenebaum M H & Co—f c
Herzberg S H—f c
Hoobler E E—f c
Hoobler Rastus—f
Kane John L—f
Larder H G—l
Le Messurier C J—f l c
Lynch Edw—f
Lopeman S E—l
Lovell F E—f
Meyers D S Jr—c
Miles Wm E—f l
Morris J W—f l c
Morrison R A—f l
Myers Frank L—f l c
O'Connell Vera—f c
Parsons James B—f
Philips Chas—f
Ryerson T—l c
Scatterday Carl L—l
Sesler P R—f
Simmons E A—f c
Thompson B R—f
Tuesberg L W—f
Vogelsinger H E—l
Walsh Jas R—f
Wiseman M L—l

PRINCETON

Anderson A L—f l
Clark H A—l c
Coddington John—f c

Co-operative Real Estate

& Exchange Agency—f
Ferris A H—l
Gibbs H G—f
Harruff A B—f l
Henderson T B—f c
Johnson F A—f c
Milner Joe—l
Palmer Thos—f
Rudiger Joe—l
Russell R L—f
Skinner John—f
Stewart F W—f l c
Streeter T P—l c
Swengel A M—f
Young E M—f

PROPHETSTOWN

Baldwin S G—f
Brennan Elwood—f
Crook N C—f
Devenny G F—f l
Downer Wait—l
Eakle S E—c
Gilbert Rogers—f
Graham T W—f
Griswold Elliott—f l c
Hill Leamon—f
Johnson Adolph—l
Mathis Stover & Mathis—f

Mathis Wm—f c
Olmsted G W—f
Ott Calvin—f
Paddock H E—f l c
Petty O P—f c
Potter G W—f
Seesley Chas E—f l c
Tabor T H—f l
Wait H H—f
Warner C J—f l

QUINCY

Bartlett Bros—f
Bastert J H Co—f
Berger Sim—f
Binkert Bros—f
Boller F—l
Boswell L—f
Chatten Bert—l
Comeford W C—l
Corrigan J B—f
Cruttenden J W—f
Dickhut Phil L—l
Dines & Orr—f l
Fuelbier J—f
Gille G H—f
Glindeman A—f
Heckle & Son—f
Hendricks Herbert—l
Hyatt Sam—c
Kemp H T—f
Lake H H—l c
Lavoie L A—f l c
Ricker H F Jos E—f
Ruddick Lease—f c
Shannon O—f l
Stewart Geo R & Co—f c
Vasen B G—f
Wehmeyer A F—l
Wells H S—l

ROCHELLE

Berry C H—l
Branch E O—f l c
Carpenter Henry—f
Countryman M A—f l
Dunton W N—l
Evans Arthur—f
Fell M M—l
Gardner C E—f
Gardner Fred E—f
Hayes John—f
Hayes W P—f
Healy Bros—f l c
Hizer A W—f
Hodges Ambrose—f
Holmes D J—f
Hooley D J—f
Kepner C E—f
Lake Lucy J—f

Lux Wm—f c
McConaughty E L—f c
McDonnell Edw—f
McHenry Wilbur—f c
Purvis John—l
Sheadle A B—f
Smith Fay G—f l c
Spath Frank H—f l c
Tilton F J—f
Werner Otto—f
Wirick Fred—f

ROCK FALLS

Cantlin Jacob—f
Gettle C W—f
Hansen & Emmons—f
Kadel J A—f l
Limerick J G—f c
Stone W T—f l

ROCKFORD

Allen Harry—f
Anderson Arthur E—f
Axtell S H—l
Barrett E P—l
Baur F—l
Bowman J A & Co—f c
Boyden G F—l
Brodine G A—l c
Burr Fred L—f
Calvert & Gregory—f
Camin John H Co—f c
Carr & Johnson—f
Christophersen G M—f
Cole & Company—f
Colehour Frank E—f c
Dame & McFarland—l
Deuel & O'Shay—f c
Dobler George—f
Eastwood & Stokburger—f
Ferguson Thomas—f
Festerling E A—f
Fuller L S—f
Haines Anthony—f c
Hart A E & Co—f
Heil Victor P—l
Hillner C A—f
Hoover C M—f
Hopkins C C—f
Horner Frank S—f
Howe Harry—f
Hunter & Wray—f
Jilson Harry B—f l
Johnson & Shepherd—f
Johnson J V—f
Johnson Cad W—l c
Joslin J T—f
Knapp, Barnes & Co—f
Krahn F J C—f
Letts Sherman B—f
Marean Harry—f c
Merlien H A—f
Mearner R C—f l c
Mincemoyer D N—l
Morgan G A—f
Mundy G W—f
Nattress J H—l
O'Connor, Ed F—f
O'Connor Kate F—f c
Parnele A G—f c
Penfield J G—f
Peterson Gust—f
Rapp J H—f
Rosecrance & White—f
St Angel Jasper—f
Saterbak Anton—l
Shimmin T E—f
Sovereign W H—f
Stokburger Ernest C—f
Ticknor Arthur L—f
Thompson J H—l
Treat B B—l
Turney R E—l
Webster M P & Co—f
Westin C V—l
Wetzel C A—l
Whitehead J B—f c
Williams, Wormwood,
Manny Co—f c

ROCK ISLAND

Andrew F A—l
Bailey W E—f
Barnes Miss—l
Bennett Robt—f l c
Bengston & Shalline—f
l c
Blankenburg & Blanken-
burg—f
Blockinger F W—l
Canedy P O—f c
Chamberlin C R—f
Cleland J H & Son—f
Cox P F—f
Dolly Bros—f
Eckhart & Buffum—f
Emery & Stewart—l
Freeman J L—f
Gest Kittle—l
Greif J K—l
Hayes & Cleaveland—
f l c
Hodgson C E Jr—f
Johnson G A—f
Klove A M—f c
Kirach Paul—l
Liminger & Meyer—f
Kreis E B—f l c
Krell E—l
Mauker W C—f l c
Mayer Levi—f l
Medill Lucy—l
Reidy Bros—f
Schill H L—f l c
Schilling Wm H—f l
Smith Wm A—f l
Stackhouse E J—l
Stewart J W—f
Walker H K—f
Weed Jas—f l c
Wheelom H L—l
Woltmann Fred—f l c
Wrigley H H—l
Xander W G—l

ROOD HOUSE

Bates Chas T—f l c
Ferguson W J—f
McConathy J R—f l
Payne C W—f
Roodhouse W C—f l c
Starkey J W—f c
Strang W B—f l

RUSHVILLE

Bagby John S—f
Billingsly H M—f
Bottenberg T E—f c
Cole, Harvey W—f
Dyson George—f c
Garrison Don—l
Glass David H—f
Griffith Chas B—f
Jaman L A—f
Lewis H D—f
Little John S—f
Loring J M—f
Mills Wiley V—f
Moore U G—l c
Mourning D L—f
Rodewald A P—f c
Steele G B—f c
Taylor T J—f
Willard B O—f
Young Carl—f l
Young J H—l c

ST. CHARLES

Blanchard C L—f c
Caldwell L C—f
Dalgard Chris—f
Doherty J T—f
Evans O E—f l c
Gloss H A—f
Hempstead & Son—f c
Hempstead H G—f
Holden G E—f l c
Hunt Brothers—f c
Hunt F C—f
Mellander Paul C—f l c

Olson Chas—f l c
Rockwell I—f
Rockwell H T—f l
Wettstein Karl C—l c

SALEM

Baker C A—f l
Farson H W—f
Geoppner L J—f
Kagy Floyd—f
Larimer John W—f
Martin John E—f
Schwartz Bros—f
Smith B M—f
Stormont W S—f
Telford E D—f
Webster Mrs Ollie—f
Williams A R—f
Williams John P—f l
Wyatt R D—f

SANDOVAL

Patterson Chas—f
Reinhart Fred F—f c
Ruddick Lease—f c
Walters R W—f

SANDWICH

Blee & Ingersoll—f
Faxon C G—f
Fosse A O—l c
Kirm J D—f c
Lewis H C—f
Stinson C L—f l c
Wheeler Chas—f l
White John—f l c

SAVANNA

Brearton & Walter—f c
Gray A J—f
Greenleaf F S—f c
Robbe H O—f c
Scripture Jesse R—f c
Smith D C—f
Stransky Frank—f

SAYBROOK

Davison Jas—f l
Harper A C—f
Lott H—f
Means, Schureman &
Cheney—f l c
Rogers F—f l

SHABBONA

Griffin & Co—f
Heeg W F—f
Husk J H—c
Husk Wm—f
Lovering George—f
Ray W H—f
Stein Chas F—f
Swanson J W—f
Young H W—f

SHANNON

Babb A S—f
Daniels A—f
Reddington Ed—f
Yordy Amos—f l

SHAWNEETOWN

Daily Tom—f c
Goetzman L B—f c
Harrell E A—f c
Millsbaugh J W—f

SHELBYVILLE

Allen Edw R—f
Barbee M—l
Campbell J L—f l c
Carr S B—f c
Craig Wm H—f c
Dove Bros—f
Eiler T C—f
Embry Miss Julia—f
Hamlin H J Jr—l
Keller & Leathers—f

Miller Glen—f
Miller John D—f
Miller W H—f c
Milligan & Ruff—f c
Ragan E M—f c
Richardson W J—f
Scarborough E J—f c
Stiedly & Crockett—f
Steward C W—f
Storm Isaac S—f c
Ulmer J F—f c
Westervelt Leverett C—
f c
Ward U G—f
Zimmer J T—f l

SPARTA

Brown J C—l
Dickey James H—f
Eiker W D M—f c
Ervin A K—l
McIlwain J A—f c
McIlwain W B—f c
McKelvey—l
McLaughlin Martin H—l
Palmer F E—l
Spruel Chas—f c
Stephenson A J—f
Stephenson T B & Co—
f c
Tweed J W—f c

SPRINGFIELD

Appleyard C T—f
Ackerman J W—l
Bair & Bair—l
Baker T C—f l
Bartelme P—f
Basley Bros—f c
Bell R E—c
Bellersheim Geo J—f l c
Benjamin D—f c
Benjamin S—f l c
Booth & Co—f
Booth A S—l c
Brinkerhoff & Co—f c
Cantrall E E—f l c
Carter C S—l c
Chatterton J L—f c
Conner Bertha M—f
Connolly Robert & Co—f
Constant John D—f
Culp Harvey—f c
Darrell J C—f
Davidson Gaylord—l
Davidson Wm—l
Diller Isaac R—f
Ellis J R—c
Fayart E E—f c
Fayart Louis—f c
Fetzer Chas—c
Fisher L E—f
Flinn L Lawrence—f
Freund Lawrence—f l
Gard C E—f
Gard J E—l c
Garland Jas A—l
Good J H—f
Gibson C O—l
Hamilton N J—f
Hatch O M—f
Haynes Realty Co—t
Herman & Co—f
Herndon Gray—f
Hickox & Co—f c
Hickox C V—f
Hickox G C—f
Hill H B—l
Hughes A F—l
Jefferson J W—l
Jones & Bernard—f c
Jones D—c
Jones M A—f c
Jones S A—f
Jones R E L—l
Kendall A W—l
Keys Geo E—l
Kennedy F P—f c
Lanphier & Co—f l c
La Rose S W—f

ILL.—Springfield, Con.

McRoberts R E Co—f
Milburn Wm—f
Miller & Snape—f c
Monroe A J—f
Moon R—l
Morgan & Co—f l c
Morris E J—l c
Morton J A W—f
Murray W—l
Northcott W O—c
Orr W A—c
Orriny Robt—l c
Petrasus Victor—l c
Pierck H & Co—f c
Piper J H—f
Pulliam L J—f
Redlich E H—l
Ridgely T—c
Riedler C J—f c
Ritter George J—f
Rollins H W—l
Rosborough W—f
Ruckel W F & J H—f l
Ryan Frank—f c
Schemerhorn C—l c
Scott J W & Sons—f l c
Sherman A F—c
Sherwood E S—f c
Simmons Roy—c
Smith E F—f
Smith N H—f
Solenberger H M—l
Stacy W—l
Stagg Wm L—l
Staley E E—f l
Sterling F H—l
Sturges W H—l
Stewart John—f l c
Sullivan C C—f
Troxell Kindendall & Co—f c
Turner E H—f
Valentine F E—l
Weaver J B—f
Wooding D J—f c
Workman Frank—l
Wright B F—f
Yates Harry—f
Yates W H—f l c

SPRING VALLEY

Blachley L S—f
Hercer Jos—f
Hicks Wm—f
Hollerich C N—f
Jagodzinski I J—f
Knapp C W—f c
Murphy J L—f
Smith N H—f
Sweeney J J—f
Wagner G F—f

STAUNTON

Fischer Chris C—f l c
Fischer H A—f l c
Fischer Laura—f
Panhorst Edna—f
Willoughby H H—f

STERLING

Decker J—f
Galt Wm T & Co—f l c
Greenough G D—f
Hessing J F—f
Kanally W A—f
McCloy W S—f
Miller D L—f
Palmer W P—f
Sheldon Carl F—f
Street H S—f
Ward John A—f
Ward M C—f
Ward Philip—f
Wetzel John—f l c

STREATOR

Baker Henry—f c
Bawden T—l
Benny Edw—f l c
Coley J J—c
Dicus H H—f
Essington J W—f l c
Holland W A—f c
Horack Charles—f c
Hosler H S—l
Johnson S E—f l c
Keating B T—f l c
Keating B X—l
Patterson John B—l
Pirkey J C—f c
Powers F M—f l c
Fraiche A J—f c
Robinson Harry—l
Kopf Jos—f c
Murdoch Max—f
Myers Ed C—f
Rollo J P—c
Ryon O B—f c
Spencer D J—f c
Taylor Geo N—f l c

SULLIVAN

Ashbrook Vern—f
Baker Zion—f
Bolin S T—l
Cazier John W—f
Edwards C S—f c
Foster A E—f
Gaddis John W—l
Grider John T—f c
Harsh P J—f
Jennings John E—f
Lindsay Chas D—f
McPheeters Frank—f
Martin J K—f
Mattox M A—f c
Meeker R D—f c
Miller Aaron—f
Miller E J—f
Monroe C H—f c
Moutray Mark—f
Nicholson A—f
Sentel Geo A—f
Tabor Wm—c
Thompson Frank—f c
Wright Bros—f

SYCAMORE

Ahern F C—f
Buell C H—f
Conrad C M—f
Gross L M—f l
Harrington J—l
Hartzell C H—l c
Herrick W A—l
Knights H M—f
Mitchell Z B—f l c
Pond C C—f
Rompf F—l
Snow B J—f l c
Walker & Hammer—f
schmidt—f
Warren S S—f l c
Waterman J R—f

TAYLORVILLE

Anderson F W—f
Brown E—f
Buck & Buck—f
Dexheimer Wm—f c
Grundy L G—f
Hunker A A—f l
Kinney Bros—f l c
Magner H J—f l c
Merry J A—f
Rhodes C A—f
Taylor Jno W—f l c
Tyler W B—l c
Wareham Fred J—f l c

TOLUCA

Ball E G—f l
Brown C A—f
Fahey Mike—f
Tracey J W—f c
Turigliatti D—f

TUSCOLA

Cantral J R—f
Duhammel S S—f c
Johnson R J N—f l c
Kagey J W & Co—f l c
McKee A A & Son—f l c
Price Harry—f
Robertson M E—f c

UPPER ALTON

Beeby John J—f l
Leverett J—f l c
Megowen J D—f

URBANA

App & Miller—f l c
Becker Wm E—l
Boggs F S—f l c
Burt T A—f l c
Coffin W E—f
Everhart Leon U—f
Freeman Gus T—f c
Goodspeed L H—f
Henderson A H—f
Henson & Burton—f
Hubbard G W—f
Lawrence D A—l
Lawrence J H—l
Lindsey Ed—f
Lindsey Geo W—f
McGehee J—f l
McLean L A & Son—f
Oldham J G & Daughter—f l c
Parks M S—f
Parker G R—f
Prestin & Cohen—f l c
Russell Emma—f
Saffer L B—f
Sampson E W—f c
Swartz B F—f
Webber Geo W—f c
Yearsley Emmet A—f

VANDALIA

Bolin J P—f l
Brown Geo W—f
Burtachi J C—f l c
Coleman C F—f
Collins Mrs Lizzie B—f l c
Dieckman G A A—f
Gochenour H J & N C—f
Guinn F M—f
Henry Will—f
Houston C F—f c
Meyer Fred—c
Miller W E—f
Schenker John W—f
Weistling Dr—f

VENICE

Fechte J L—f l c

VIRDEN

Costley D W—f c
Cowen H H—f
Murphy Jas H—f
Pennington Joe—l
Shriver J H—f c
Simons H C—f l c

VIRGINIA

McDonald Hy—f l
Needham E—f
Robertson F M—f l c
Robertson J T—f l c
Robertson V E—f l c
Taylor R C—f l c
Wilson Kate—f
Yaple & Petefish—f l

WARREN

Alvin L B—f
Clark S A—f
Paul Miss Mabel—f
Richardson J W—f
Schildhimmer S J—c
Tear Harry C—f

Wilcox E J—f
Wolfe A L—f l

WARSAW

Buckert A P—f
Crawford Chas C—l
Ernst Daniel—f
Hunt M T—f l c
Knoche J H—f
Kruakopf F—f c
Raich Mrs Louisa A—f c
Sack M A—l
Van Pappelendam W C—f
Wallace Chas E—f
White J A Jr—c
Young Chas—f

WASHINGTON

Garber E—f
Dunnington C M—f l c
Heiple Frank S—f
Miller I W—f
Rich A R—f
Stimson & Busse—f

WATERLOO

Bollinger A C—f
Bresmer Hugo—l
De Mint Louis S—f
James Bennett—f
Murphy H—f
Pinkel A H—f l c
Wolf Henry C—f
Ziebold Geo C—c

WATSEKA

Bailey J O—f
Barber Chas E—f
Brennan T B—f c
Burdick Bert—f
Crommecker Fred—l
Derken Fred—l
Evans Joe—f
Fanyo Frank—f
Gerdes Geo—f
Hogle W H—f l c
Ireland Jas—f
Jones I B—f
Longshore James—f
Mayrand Edw—f
Merrill J M—f l c
Morgan Jessie—f c
Parker H C—f l c
Payson C H—f
Potter K—f l c
Skiff Wm—f l c
Tovey Fred—f
Trotter Wm—f
Veroni A P—l
Warren H A—f l c

WAUKEGAN

Beaubien A—f
Biddlecome M P—f
Blumberg Nathan—f
Bodsford R S—f
Diver Clarence—f
Durst & Schwartz—f
Erskine Fred S—f l c
Graves F—f
Hanna L P—f
Heydecker C—f
Heydecker E J—f
Jones C J—f
Lichtfeld E E—f l
Mark & Cady—f l
Mason Roy—f
Murray Jas—f
Orvis E V—f
Parker W C—f
Parmlee Ben—f
Smith Clarence E—f
Smith W B—f
Stripe R H—l
Swayer J S—f
Tompkins Bert—f
Weiss Wm F—f
Welch J G—f
Wiard Willard—l
Worack C A—f l

WENONA Gallagher M A—f Gregg D H—f Hodge G O—f c Judd O P—f l Judd T D—f Lauf Frank—f Moulton F M—f Taggart H M—f	Hageman Geo F—f Johnson W H—f l c Nall D—f Steven W W—f Stick A F—f l c Taylor M B—f l c Tomlinson & Sons—f l Wagoner J H—f Valette W F—f Wheaton & Son F E—f	Fatch E P—c Knox Tom—l Long J H—f WILMINGTON Hadsall A S—f c Keeley Felix—f Ohlhues Peter—f Stewart J B—f Watson E F—f	WOODSTOCK Arnold Emil—f l c Cowlin Wm H—f c Dacy Chas F—f c Field A F—f c Furman Percy—f l c Hamer Theo—c Hoy Fremont—f l Quinlan & Murphy—f c Quinlan D F—f c Richards & Jewett—f c Richards & Still—f l Silliman Frank—f l c Tappan Frank—f l c Waite E H—f l c Young L J—f l c
WEST CHICAGO Bradley C H—f Campbell A—f Dayton G A—f Elliott Edgar—f Jones B T—f Neltner Kirk K—f l c Norris C E—f Robertson J C—f	WHITEHALL Boehm Robt C—f c Chapin & Bell—f Ellis A—f l c Greer H S—f l Johnston Miss Georgia D—f Pearce Ed C—f c Tunison H O—f Winn W L—f Winters V T—f Worcester R S—f	WINCHESTER Bagshaw W L—f l c Hogan G W—f Kellem J W—f l c McLaughlin H W—f l Smith A C—f Smith D T—f l c Smith E D—f	WYOMING Colgan & Adams—f l c Cox Harry C—f c Earhart J M—f l c King J E—f Miller Thomas—f l Rakestraw G S—f l c Scott Charles F—f Teeter E S—f Teeter R J—f
WHEATON Allum James—l Binder J G & Co—f c Darling W H—f Fisher H A—f Gary W E—f l Guile E L—f l c	WILMETTE Appleton Robt S—f Dunshee E P—f	WINNEBAGO Ades Geo H—f Myers W O—l Tritle W F—f	

INDIANA

State Savings & Trust Company

GEO. M. COBB, Manager Insurance Department

General Agents for Indiana

Globe and Rutgers Fire Ins. Co., of New York
Pacific Fire Ins. Co., of New York

Insurance Underwriters of the Spring Garden Ins.
Co., of Philadelphia
Southwestern Surety Ins. Co., of Denison, Texas

Automobile Department for Indiana

Insurance Company of the State of Pennsylvania, Philadelphia

9 East Market Street,

INDIANAPOLIS, IND.

ALBANY Ferguson Elmer—f Lockhart A W—f Stafford Jas R—f ALBION Budds Arthur—f l Grant & Foote—f Martin J J—f Menaugh H R—f Menaugh W H—f l e Moore & Thomas—f Rallehan Tim—f Singleton John—f Spangler M H—f	Baker E L—l Beeler John E—f Benson H L—l Bilby Elmer W—l Boyer J E—f c Bronnenberg Samuel—l Burr L J—c Busby L F—f Campbell W B—c Clark R B—f Cornelius T F & Son—f c Dent Chas E—c Detamore J N—l Dillman Clara A—l Durbin & Myers Co Inc—f c Farmers Trust Co—f l c Foland W E—f Forkner John L—c Garrison Chas R—l c Guisinger E J—c Heritage W H—f l Hester T J—l Hinton W H—l Hopkes D C—l Home Loan Co—f Jackley A J—l Jarvis Clem—c Keebler Chas R—c Kirst Fred—l Knowland L M—l Koons Wm—l	Lambert Ira D—f Langell Louis L—f c Larmore Jas M—f Leak W L—l Leed J T—l Linville Elbert S—f Lott John B—f Luse & Hardie—f c Martin W H—c Matthews Frank—c May James J—f McLaughlin P F—f Morgan Lucius—c Morgan & Perry—f Norris J A—l Overman Geo W—f c Parry D D—l c Reed J T—l Soth J M—f Shinkle E—f Surbaugh Wm H—f c Taylor Wm—l Teegarden John C—c Vestal A H—l c Vinnedge-McCulloch Agency—f c Webb & Garrison—f l Werneke Chas—l Whianer S B—l Williams Frank B—c Williamston T S—l Young E E—l	ANGOLA Beckholt Chas—f Clem Swan—f Elston Wm—f Freeman Clarence—f Gates L—f Gosdale O—f Johnson J—c Kirk Geo W—f McClue M—f Metzgar & Metzgar—f c Morley Harvey W—f Morse Sarah—f l Moss C—f Sheffer W K—f Smith L—f Wambaugh—f l Wood A C—f Work Byron—f Yotter—C A—f ATTICA Blout Morris—f l c Coen Miss Jessie—f Finnay Miss Kate—f Green A P—f Hutson & Co—f l c Martin A J—l Martin L G—f Mitchell H W—f l c Mullinnix W F—f l c Reed Will B—f Williams G M—f
ALEXANDRIA Day Bros—f c Etchison J F—l Hall T D—f Hall W I—f l c Hartman John—f l Hughes W I—f c Jones Thos H—f c Merriken W S—f Reese John T—f l Wales & Moreland—f l c ANDERSON Aldridge H A—c Anderson Trust Co—f l c			

ND.—Con.

AUBURN

Andress Harry—l
Auburn Ins Agency—f
Baxter Miles—f c
Boland M—f
Borst Chas O—c
Brown C M—f
Campbell M F—f
Casper I M—l
Daniel L S—l
Franks O V—f l
Gatten L B—f
Green M L—c
Coe Geo W—l
Knapp Chas H—f
McClung H C—f c
Moudy J F—l
Oberlin Roy—l
Pomeroy Jas E—f c
Rainier Chas E—f l c
Rainier Joseph—f l c
Rhodes Willis—f
Rickle W D—f
Savings Loan & Trust Co—f c
Seiler F P—f
Schnadel Geo T—l
Scott John H—l
Seydell S A—f
Sidle Chas—l c
Smith Chas S—f
Snyder H C—c
Sprott T H—f c
Spratt D P—l
Swift Paul H—l
Wallace M L—l
Weaver H D—f l c
Wise Jacob A—l
Wise Rev J G—l

AURORA

Bienkampen Fred—f
Cobb F D—f c
Cobb W H—l
Davies L E—f
Dennerline J L—f
Kassebaum J L—f
Schuler Jacob—f
Wood Geo W—f l
Wunderlick Geo—f

BATESVILLE

Beck & Johannings—f
Beck Geo—f
Canfield H C—f l c
Greeman Wm—f
Johnson Chas—f
Timmerman & Co—f
Timmerman & Hillenbrand—f l c
Waismann H C—f
Wilkes John—f
Wyckhoff A B—f l
Wyckhoff & McCallum—f

BEDFORD

Alexander W E—f
Allen Charles H—f
Boyd B W—l
Burton & Moon—f
Guthrie M R—f l c
Hatfield F D—f l
Keach & Meglemere—f
Lowe S B—l
McKinney J C—f c
Martin H D—f
Mellen Robert—f c
O'Brien Mike—f l
Underwood & Underwood—f
Walls & Walls—f c
White Roscoe—f
Weir Henry—f

BLOOMFIELD

Brown—W T—f . . .
Bloomfield Trust Co—f
Cravens Agency—f l c

Donald Andrew J O—f
Eveligh R E—f
Faucett Chas W—f l c
Letasinger H W—f
Slinkard W L—f
Van Buskirk Thos—f
Weaver Geo W—f

BLOOMINGTON

Allen W J—f
Axtel Harry—f
Beck P A—l
Beck H L—l
Beldon A H—f
Buskirk G A & Son—f
Buzzard Elmer—f c
Citizens Loan & Trust Co—f l c
Cogshall W W—l
Dunn & Fee—f
Dolan J C—l c
Fields Jess—l c
Foster John T—f c
Grant H U—f
Hottle W E—f
Huntington & Thornton—f l c
Lee R A—f
Lowden W M—f c
Miller Chas—f
Orchard H D—f
Pfrrimmer & Hobbs—f l c
Rice G R—c
Rogers L D—f l c
Sare & Springer—f l c
Simmons Charles—l
Slocombe C V—f l
Springer Chas H—f l c
Sudbury B V—l
Weaver W W—f l
Woodward J T—f l c
Woolley & Barnhill—f l c

BLUFFTON

Buckner Benj F—f l
Dustman & Co—f c
Edris H M—f c
Effinger Ferd—f
Hale & Markley—f l c
Hitchcock & Fetter—f c
Markley Howard—f l
Martz L L—l c
Pese V S Agency—f l c
Snyder G D—l
Union Saving & Trust Co—f
Wilson W L—l

BOONVILLE

De Forest S T—f
Gough R D—f
Hargrave E C—f c
Kaegel Frank—f
Lutz Philip—f
Moore & Co R D O—f l
Richardson John F—f
Schurmeier John—f
Taylor C N—f
Tilman T P—f
White Robt B—f
Wilson Jas R—f

BOSWELL

Foster C S—f c
Foster I—f
McAdams A B—f l c

BOURDON

Dexter & Anderson—f
Hall D A—f
Jeffries L Q—f
Kern A S—f
Kern F J—f
Matchett Jas H—f c
Minard W G—f
Neidig C—f
Russell Wm F—f
Tyrell & Daughter—f c
Wolf J N—f
Wood Chas A—f

BRAZIL

Brazil Trust Co—f l c
Carroll J L—c
Casteel & Casteel—f c
Davis Trust Co—f c
Decker M E—f c
Finley, Stigler & Co—f c
Garrigus W M—f
Gregory Ed—c
Houck Oscar—f c
McConnell C U—f
Monk Sidney—f
Pell J S—f c
Roy E H—l
Schuetz Edw C—c
Shattuck R L—c
Tozer R V—c
Turner, Seiders & Kidd—f c
West Jacob E—f c
West Miss M A—f
Williams Sam W—c

BREMEN

Dausman Geo M—f c
Grise John—l
Hayes & Hayes—f
Hayes S J—f
Legner O R—f l c
Miller H H—f
Saur Chas G—f
Seiler & Heckaman—f

BROOKVILLE

Balsley H E—c
Geis F—f
Geis Wm—l
Hubbard M—f c
Hyde G W—l
Lacy Willard—l
McCarty I N—f
McCarty Wm—l
Mullin M—f
O'Byrne G F—f
Rockefeller A H—f
Shawalter E W—f
West J F—f
Winscott Chas E—f
Wise Karl—f

BROWNSTOWN

Dailey W H & Co—f l c
Foster F C—f l c
Fountain John W—f l c
Gunder Geo W—f l c
Miller John—l

BUTLER

Boyle Jeff—f
Brink F A—f c
Campbell C W—f c
Campbell R C—f c
Decker C R—l c
Ritter F H—f
Tess H K—c
Webster Mrs. Alice E—f l

CAMBRIDGE CITY

Callaway Geo—f c
Doney Geo H—l c
Doney W H—f l c
Markle W T—f l c
Mason & Reese—f

CANNELTON

Bush Stella—f
Denny O—f
Lincoln E S—f
Minor O C—f
Minor & Hirsch—f
Waldschmidt Wm—f c

CHARLESTOWN

Dodd H C—f c
Lewis Chas—f
Long J M—f
Morrow J W—f
Whitlatch John—f

CLARKSHILL

Farmers Bank—f
Kessler & Daugherty—f
Mote W S—c
Northrup Geo B—f

CLINTON

Bonner W H—f c
Clinton Trust Co—f
Guinn R G—f
Home Loan & Building Co—f
Lyda Mark W—f c
McDonald T L—f c
Miller & Pike—f
Nebeker M E—f
Penterath R M—f
Robb J W & Son—f c
Satterlee W A—f
Wiltterwood J A—f c

COLUMBIA CITY

Bailey L T—f
Bloom B J—f
Erdman August—l
Farmers Loan & Trust Co—f c
Gates John—f
Halderbaum C—l
Heller F J—f
Howard R J—f l
Johnston A M—l
Kenner F E—f
McLallen Bros—f
Meiser L M—f
Provident Trust Co—f c
Raber Abstract Co—f
Rhoads G W—l
Shriver Geo—f

COLUMBUS

Achenbach W N—f l c
Columbus Abstract Co—f
Custer C E—c
Dehmer Henry—f
Federal Underwriters—f l c
Hickey John M—f
Hunter J D—f
Hutchins B M—f l
Jewell M V—f
Kinney & Kinney—f c
Laughlin J C—f
Mahoney John—f
Reap Anne—f
Reynolds E B—l
Reynolds Irwin—f l
Shedron A F—f c
Stater W W—f
Sutherland E F—l
Tritt Harry S—f

CONNERSVILLE

Barrows A E & Co—f c
Broadus L L—f l
Carver Charles—f c
Clifford & Mathewson—f c
Clifton Jas A—f c
Fearis J H—f c
Frank William—f
Frost H L—f
Johnston E G—f c
McKinnan S O—f
Vance Charles—f

COVINGTON

Allen Russell—f
De Haven Alvah—f c
Dicken I H—f
Fountain Trust Co—f l c
Harlow & Little—f l c
Heath E W—l c
Layton W W—f l c
Massey & Sons W R—f c
Schwin Geo P—f
Schwin J B—f
Sullivan Ralph—f c

CRAWFORDSVILLE

Brewer E M—f
Brothers J J—l
Brown C W—f
Clark C—l
Clements A S—f c
Crawfordville Invest-
ment Co—f c
Crawfordville Trust Co
—f c
Farmer & Merchants
Trust Co—f l c
Fullenwider C E—f c
Fullenwider J W—f c
Griffith W D—f c
Joel Jacob—f
Kelly W S—l c
Krout R K—f c
Peyton G W—l
Ross Charles W—f c
Roth E—l
Stafford O W—f c
Sutton E J—f c
Swank W A—f c
Symms Sam D—f c
Thomas C L—f
Vanclaw H D—f
Warbution J F & Son—
f c
Wingert Bailey—f

CROWN POINT

Bielefeld R G—f c
Cole E R—c
Farley F E—f
Gerlach A J—l
Hershaman Geo—f
Kimball Wm—f
Knight Lawrence—f l
Kramer John E—f
Meyers J B—f
Rockwell & Bixeman—f
Ruf Fred A—f
Sherman George—f
Tutbill W H—f

DANVILLE

Barnett L A—f
Blessing Edgar M—f c
Danville Trust Co—f
Downard & Taylor—f l c
Easley Geo E—f
Gulley O E—f
Hume & Gaston—f
Osborn W C—f
Pattison Geo T—f c
Sears Virgil R—f
Sherman Christie—f
Trotter John W—f

DECATUR

Adams E B—f
Decatur Underwriting
Co—f
Frenchte & Litterer—f
Gallogby & Johnson—f
Graham Ins Agcy—f
Helem C L—f
Hooper & Lenhart—f
Meyers W J—f
Peterson J S—f l c
Smith D E—f
Stultz J D—l
Sutton Jesse—f
Weidley Andrew—f

DELPHI

Arnold Talmar R—f
Bradshaw W H—f
Cartright J H—f
Eldridge Bert—f l
Huntstinger Allen—f l c
Piffley W H—f l c
Roach & Roach—f
Sanderson Worden—l
Waddle James B—l
Weidner James—f l c

DUNKIRK

Coovin Geo—l
May F H—f l
Nunn James E—f
Smalley C W & Co—f c
Smith A B—f
Sutton Richard J—f
Whitaker Geo T—f

EAST CHICAGO

Devis Miss Mary A—f
De Briac Edw & Son—
f c
Duensing & Warner—f
Dunsing Jos W—f
Evans F L—f
Friedman Jacob E—f c
Fuzy Wm A—f l c
Hale Wm F—l
Herod Jos M—f
Howicki John C—t
Kennedy J D—c
Krupa & Kubal—f c
Kula S & Son—f
Ladd Agency The—f c
Lewis Geo F—f c
Lewis Geo W—f c
Macarietz Geo—c
McCarter Jas—c
McCoy H L—f
McCoy Jas—f
Nowicki John C—f
Ottenheimer Abe—c
Roe Willis E—f
Smith C C—f l c
Specter Moses—f c

EDINBURGH

Loughery A J—l
Mayfield J W—f c
Mitchell H H—f
Porter R G—f
Waltz J J—f c

ELKHART

Anderson Emil—f l
Baumgardner Chas E—l
Best Geo W—f
Brunig W C—c
Campbell E A—f
Carpenter & Zook—f
Chamberlain Livy—f c
Church Ira—f c
Citizens Trust Co—f c
Colley J W—f
Conley O M—f
Dalton Wm D—f
Darling Mrs E D—f
Deal Otto—f
Dennett Louis A—f c
Elkhart County Abstract
Co—f c
Ellwood W M—f
Felthouse Aaron—f
Fleming George—f
Frank Charles E—f
Fritz E N—l
Harman J L—f
Haynes Worthy—f l
Hile W B—f
Hosack S G—f l
Hughes & Arnold—f c
Indiana Realty Co—f
Jackson C E—f
Keis Jos—f
Kessler A R—f
Lamb Abstract Co—f c
Lee C A—f
Machan Agency—f l c
Manning Geo J—f
Markel O H—f
O'Brien W L—f
Olinghouse D S—f
Proctor R J—f c
Rahn Fred—f
Raymer Clyde—f
Sawyer Glenn—f
Seiler Cyrus—f
Sigerfoss Wm J—f
Skinner Mr—f
Smith A M—f

Stark M W—f
Staudt Peter J—l
Stevenson A H—f c
Stickler Andrew G—f l
Sykes Walter A—f l
Teed Chas E—f
Wider Wm E—f l c
Wood J D—f
Ziegler E B—f

ELWOOD

Aurelius Sam—c
Barnett J W—f
Boyden I T—f l c
Broadbent R F—f c
Carson H N—f
Clyde S—f c
De Hority E C—f
De Hority F E—f l c
Elliott Jas R—c
Empire Agency—f l c
Field J G—f c
Finch A A—l
Finch W A—c
Fondersmith W H—f l c
Fornsbell F B—l
Goldsmith W R—f l c
Harris D—l
Isenminger John M—c
Kidwell E E—c
Morris O—c
Parker Wm C—f
Pentecost L D—l
Plough Dolpa—l
Reese John Y—f
Steele H E—l
Seeley W A—l
Shaw O O—l
Shoemaker M E—l c
Smith W N—l
Weismantel E B—l
Wilson C R—l
Wilson Geo F—l
Zerface M F—f
Zerface W G—f c

EVANSVILLE

Adair J J—f c
Adler Hiram J—f l
American Trust & Sav-
ings Bank—f l c
Bennett - Hutchinson Co
—f l c
Campbell I A—l
Clark H J—l c
Cook S W & Co—f
Cox D A—f
Curnick Geo L—f
Decker & Ferguson—f
Decker Fred G—l
De Kress Paul—c
De Treville R D—l c
Dersch J H—f
Elder, Cooper & Co—f
Ferguson W O—l
Greene & Greene—f l c
Harden T N—l
Hopkins A Emmett—l
Hutchinson Alexander—l
Jenner Thos H—f
Jordan Thos A—l
Klaus & Dreier—f c
Loos W E—l
Luhens & Batten—l c
McCormick Edw P—l
McCrae Harry S—l
McGrew Geo G—f
Mercantile Trust & Sav-
ings Co—f c
Meyers Alex—l
Miller A Lane—f
Millerlei T—f
Mornbach S—l c
Moss Wm—f
Muenstermann J—l c
Pittman James O—l
Richard A C Realty Co
—f c
Rose Clinton F & Co—
f c
Rudd Chas B—l
Sieffert Felix—f c

Sonntag M S—f c
Stocks Harvey G—f
Tate Jas B & Co—f l c
Vickery-Odell Co—f c
Weaver W D & Co—f l c
Weil A M & Bros Co—
f l c
Wells M E—f c
West Side Insurance &
Real Estate Co—f c
Williams D C—l
Young J B—f c
Zapp Wm—f

FAIRMOUNT

Briles Jacob—f l c
Life J F—f c
Long A R—f
Nelson H M—l
Overman C D—f l
Parker C T—f
Scott O R—f

FORT WAYNE

Ashley Geo L & Son—f
l c
Ault D F—c
Bauer K J & Co—f c
Beahler John E—f l c
Blitz M J—f l c
Boerger G W—f c
Citizens Trust Co—f c
Conway James F—l
Cook Walter—l
Cook Brothers—f l
Cooper Wm F & Brown
—l
Crane E A—l
Douglass Wm V—f
Federal Securities & In-
vestment Co—f
Fegerspiel Frank J—f c
Ferris W A—f c
Fisher D C—f l c
Fitch C B—f l c
Fitch M W & Sons—f
l c
Fitch W S—f
France H F—f
Franke Julian F—f l
Fuebel Anselm—f
Graham James E—f c
Hall A F—l
Harding & Lahmeyer—f c
Hart Wm P—l
Hartman Jacob—f l c
Hutchins Birney M—
f l c
Ingham W H—l
Kerby T F—l
King S K—l c
Klomp & Bieber—f
Kuhne & Co—f
Lambert Fred—f
Leedy Wm M—f l c
Lennart & Ortlieb—f c
List Frank—f c
Long Mott R—c
Lumbard S C & Co—f c
McKee G W—f c
McKinnie Realty Co—f
Markey A J—f c
Motz Geo & Sons—f
Neireiter-Gumpper Will-
son—f c
Stoehr J J—f
Nolan Charles D—f l c
Orr Charles W—l
Pauley J J & Son—f
Peoples Trust & Savings
Co—f
Pequignot H C—f
Preble C M—f c
Ransom Lyman H—c
Rayburn W O—l
Scherer H P—f
Schraeder & Wilson—f l c
Schuler C W—f
Shorey I H—f c
Stout David C—f l c
Stulta & Co—f l c
Till J E—f l c

IND.—Fort Wayne, Con.

Tri-State Loan & Trust Co—f c
 Ungemach E C—f l c
 Vorndran K—f
 Walsh & Co—f l c
 Walsh M V—f
 Weber C J—f l c

FWLER

Chancellor Joseph D—f
 Dinwiddie Lee—f
 Hall E G—f
 Lupton A I—f c
 Parker P B—f c
 Piper Otis—f
 Sanderson & Hawkins—f
 Snyder Chas M—f c
 Swan Robert A—f c
 Whicker C B—l

FRANKFORT

Barnes Geo—l c
 Beaver E C—f c
 Bennett Glen—l
 Bird George—c
 Burget E O—l
 Colcord T A—f c
 Derrick Jacob B—f l c
 Fisher D P—f
 Fisher Mont B—f
 Frazier Jesse—l
 Graves C E—f l
 Hammond Fred E—f c
 Hodge E D—l
 Killmer J—f l
 Merriman Bros—f l
 Morris W A—f
 Neher J M—c
 Parson Aaron—f
 Pence D P—f
 Staley E H—f
 Roush & Strong—f c
 Thompson A J—f
 Van Nuys R G—l
 Whitaker E H—f c
 Yount & Lane—f

FRANKLIN

Byfield R C—f c
 Clemmer Geo—f
 Farmers Trust Co—f l c
 Fix C E—l
 Henderson O W—l
 Hoffman H C—f
 Overstreet C A—l
 Owens John R—f
 Sellers Martin—f
 Shuck O J—f
 Story J M—f
 Union Trust Co—f l c
 Warner John C—f l c
 Wilson & Henderson—f l c
 Zeppenfeld L—l

GARRETT

Abel Chas—f
 Beehler D C—f
 Brown H M—f
 Bruce H C—f
 Franks Will—f
 Garrett Savings, Loan & Trust Co—f
 Gengler Peter A—f l c
 Grieske Ed—f
 McHugh Ella—f
 McKennan E M—f
 Mager Jno B & Son—f
 Mountz & Brinkerhoff—f
 Mountz W W—f
 Sharpless W W—f
 Spencer G B—f
 Stoehr J J—f
 Wert H E—f

GAS CITY

Felters & Jay—f
 Linn J F—f c
 Pugh Thos B—c
 Ward John E—f

GOODLAND

Babcock A D—f l c
 Gravel Al F—f
 Hameton J T—f l
 Humston Charles—f
 Jones Dr Frank—f
 Kilgore Mort—f
 McCurry A T—f
 Oswald J W—f l c
 Sage John W—f

GOSHEN

Balyeat J W—f
 Bechtel D M—f c
 Berkey Warren—f l c
 Bowser Geo E—l
 Brooks Leonard J—f c
 Burris Lloyd—f
 Charnley Wm—f c
 Charnley Lula M—f
 Dausman E A—f
 Davis E O—f
 Davis Thomas—f
 Deahl Anthony—f
 Deahl Ray—c
 Dodge I O—l
 Ferrall Geo W—f
 Foulks Chas W—f c
 Galentine M M—f
 Hawks F E C—f
 Harper Geo—f c
 Hess E W—f c
 Howenstein Fred—l
 Kidder & Chatten—f
 Mehl A C—f
 Menaugh A S—f
 Mummert E E—f c
 Noble Louis B—f l
 Ransberg Joseph—f
 Richardson G M—c
 Schafer B G—f
 Simmons Orville—f c
 Troyer D J—f
 Vernon H E—f
 Watts Orrin—f
 Whippy L Burr—f
 Yoder J S—f
 Zook A S—f

GREEN CASTLE

Athey L H—f
 Blake G E—f c
 Bartley Rupert—l
 Boyle Geo R—l
 Broadstreet, Vestal & Peck—f
 Central Trust Co—f c
 Cooper Chas E—l
 Cooper & Leachman—f
 Crouch Richard H—l c
 Crowley Theo—f
 Dalby J N—f
 Dowling John S—l
 Durham Andrew E—f c
 Evans T E—f
 Gillen C C—c
 Hayes & Cooper—f
 Hurst C C—f
 Hurst & Landes—f c
 Jemison Wm F—f c
 Ledbetter W P—l c
 Lucas Fred—f c
 Lucas & Kelley—f l
 McCoy John G—f
 McD Hays James—f
 Manuel A H—f
 Maxwell Harry P—l c
 Nelson James B—f
 Newhouse Frank F—l
 O'Wair Fred L—f c
 Peck Isaac S—f
 Reeves H A—f
 Richardson & Hurst—f
 Sears John W O—l

Shafer R W—f l
 Smith Oliver H—l
 Stout E W—l
 Talbot Mrs Jessie—f
 Vestal & Peck—f
 Wilson Geo M—c
 Wright L G—l

GREENFIELD

Adler John—l
 Barr Chas—f
 Barrett Chas E—c
 Boone Frank S—l
 Bottsford W B—f c
 Bufkin Samuel—l
 Cooper D B & Son—f l c
 Corcoran John—f c
 Crider Chas A—f
 Duncan C W—f c
 Dugan & Garriott—f l c
 Ferguson J A—f
 Gable H V—f
 Gant E E—f
 Grose E B—f
 Hinchman J R—f
 Hufford J M—l c
 Hughes Wm A—f l c
 Leaman W L—c
 Morrison C W—f
 Mullendore Grant—f
 Myers Ora—c
 Reeves John H—f
 Roberts John W—l
 Rock Carl S—f c
 Ryan Chas—l
 Smith V A—f
 Steele Albert N—f c
 Thomas H L—f
 Tindall Geo T—f
 Tulley E O—f l
 Van Deman F E—f
 Van Duyen A C—f
 Walker J R—f
 White Wm R—c
 Williamson A H—l c
 Wilson M L—l
 Wood Bros—f c

GREENSBURGH

Baity Robert—l
 Bentley Wm G—l
 Bonner James F—f
 Bostic Watson—f
 Christian John Henry Jr—f c
 Crampton H C—f
 Crawford N A Sr—l
 Dolea E E—f
 Downey Wm L—l
 Emmert Harry—f
 Erdmann Agency The—f l
 Eward L D—l
 Foley Eustace—l
 Gilchrist W F—f
 Habig & Ely—f
 Habig Anthony—l
 Hirschfeld A E—f
 Hite Edgar E—f c
 Howard A L—f l c
 Jenkins M C—c
 Kessing Ed—f l c
 Kessing Moffett—f
 Link Chas—l
 Lowe Mrs C C—f l c
 Mansfield Wm—f l
 Meek T W—c
 Miller & Ryan—f c
 Morley John—l
 Murphy A—l c
 Northern C F—f
 Parker J H—f
 Privett Uriah—c
 Rankin E A—f c
 Robinson Birney H—l
 Rogers Noah—f
 Russell Jno F—f
 Shaw James O—l
 Thomas M—f l c
 Wood Dr L A—c
 Zollar Chas Jr—f l c

HAGERSTOWN

Allen J H—f
 Davis L B—c
 Hiatt H C—l
 Mason Ed—c
 Pierce L M—f
 Stonecipher J H—f
 Tietor & Mason—f c

HAMMOND

American Trust & Savings Bank—f c
 Hammond S & Trust Co
 Hammond W H—f c
 Johnson E F—l
 Krost J F—f
 Lake Co Sav Trust Co—f c
 Lipinski P B—f c
 Mashino W F—f

HARTFORD CITY

Bonham J M—f l c
 Daugherty Frank—l
 Fleming C O—f
 Hubbard & Miller—f l c
 Marsh R C—f
 Reeves Lewis—f l c
 Rhoades J H—f l c
 Rife Geo W—f
 Spence W H—f
 Trant J T—l
 Underhill Jas O—f l c
 Vancleave W L—f

HUNTINGBURG

Bainberger & Mehringer—l
 Beeler Alvin P—f c
 Bretz W C—l
 Dufendach F H—l
 Eulenstein Alvin—f
 Gray A L—c
 Killan Louis H—f l c
 Kreke John H—f l c
 Lieber G A—c
 Reutepohler Daniel—f c
 Schwartz Chas W—f
 Sermersheim Felix—c
 Vowell J A—c
 Williams F P—l
 Wood J A—c

HUNTINGDON

Allen-Potts Realty Co—f l c
 Altman J C—f c
 Black H C—f
 Bucher & Hearton—f c
 Butler Chas A—f
 Crandall A A—f
 Eberhant G M—f
 Hamer W D—f
 Keefe E F—l
 Kelsey E E—f
 King E O—f
 Koch W E—f c
 Mitchell Roberts—f l c
 Moffet Will—f
 Moore M W—f l c
 Price & Rosebrough—f l c
 Saul J H—f
 Snyder & Lowmaster—f
 Weese H G—f

INDIANAPOLIS

Aetna Trust & Savings Co—f c
 American Mtge Guar Co—f
 Barnett J T—f
 Barnitt J L—f
 Barton W E—f c
 Brewer Geo E—f
 Brewster G S—l
 Bromert J M—c
 Browne W R—l
 Buennagel J—f

Builders Real Estate Co

—f
Burkhart E—c
Calvelage L B—f
Carter A B & Co—f
Christian W—l
Clark E V—c
Clark F S & Co—f c
Cobb Geo M—f c
Conner & Kaser—
Corcoran John E—f
Courtright & Steiner—l
Coulter D A—f
Crawford E C—f c
Cruse J S Realty Co—f
c

Denny Agency—f
Diddel & Sons A J—l
Dixon J C—c
Doepfers Fred—f
Edwards & Edwards—f
Edwards & Osborne—l
Farmers Trust Co—f c
Ferrell C E—l
Fidelity Trust Co—f c
Fieber & Reilly—f
Fletcher Savings & Trust
—f c

Flickinger E E—l
Folsom E F—l
Foster & Meesick—c
Flynn W C—l
Gibbons W J—l
Gill M F Agency—f
Gregory & Appel—f c
Hackathorn D—l
Hall & Hill—f c
Harness & Hurt—f
Hartman & Cahalane—f
Havelick P A—f
Hawkins Geo—l
Heaton E M—c
Holloway Chas E & Son
—f

Home Ins Agency—f c
Home Protection Service
—f c

Horne W L—l
Horton L P—c
Hubbard W H—f
Indiana Trust Co—f c
Jennings Bros—f c
Jones Frank L—l
Katterhenry E E—f
Kempahall & Keene—l
King J R—l
Kissel W F—c
Lawrie P B—c
Lanck John—f
Lawrence Agency—f c
Linhurst Realty Co—f
Lovett T R—f

McCullough J G—f c
McGilliard & Munford—f
Maine W P—f c
Martin H B—f
Meyer & Kiser—f c
Meyer A J & Co—f c
Meyer Harry—f
Meyer J I—l
Moore G H & Co—f c
Morley Alfred—l
Neil W E—l
O'Callaghan J J—c
Pangborn G W—f c
Pflasterer Peter—f
Pinkus Isaac—l
Pinkus V E—l
Pray Agency—f c
Price Bros. Co—f
Quill L M—l
Ralston B M—f c
Ramadell Guy A—l
Rasmann E C—f
Richie I N & Son—f c
Ridgeway R A—l
Roberts John W & Co—f
Russell G W—f
Sayles C F & Co—f c
Sawyer F K—f
Schmid & Smith—f
Schmidt Lorenz & Son—f

REHM & OLIN

Successors to

Rehm & Van Deinse**INSURANCE****AETNA BUILDING**

Scoonover E J—c
Security Trust Co—f c
Seidensticker O & Co—
f c
Shellhouse Frank—f
Sherer F D—l
Shields Jesse L—l
Shimer J T Agency—f
Shirley J A—f
Simmons L E—l
Spann J S & Co Inc—
f c
Spigel Geo M—l
Springer & Gibson—l
State Savings & Trust
Co—f c

Stein Theo Jr—f
Sun Realty Co—f
Swanton J W—l
Taylor C H—l
Throckmorton H N—c
Todd N—f
Uhl & Yoke—f c
Union Trust Co—f c
Valdenaire & Ingie—f
Van Deinse A J—f
Vandercook & Wilson—
f c

Walker Agency—f c
Welch John R—f
Wells A H—l
West Side Trust Co—f
Willard A L—c
Willson Geo R—l
Wood E T—f c
Woodsmall H H & Co—
f c
Young E H—l
Zener & Stone—f c

JASPER

Betz Frank L—f l c
Cramelspacher Gus—f c
Doane A C—l
Dougherty T K—f l
Schneider F L—f l
Wilson W A—f l c

JEFFERSONVILLE

Adams L H—l
Allison W B—c
Anderson Chas M—l
Armstrong & Frank—f l c
Blizard C C—l
Brendell Jos—l
Burdine R B—l
Citizens Trust Co—f c
Conner A D—l
Davis Frank—l
Dyl David H—f
Fox W T—f
Frank Elmer M—c
Hardman S R—c
Heaton H E—c
Hill H K—l
Holzheimer P H—l
Hydron Wm—l
Kelley D—l
Lindley T J—f
Lutz & Adams—f
Lutz, Burdette C—c
McClure Chas—l
Mead B F—c
Ogden Wm E—l
Pfau A C—f
Reeder L N—f
Scheer L F—l c
Snyder John R—f

Stannard M Z—c
Stradley Thos H—f
Todd H V—f
Voigt J F—f l c
Walkner & O'Neil—f
Watson & Buttorff—f c
Williams Jas E—l
Zulauf & Driscoll—f

KENDALLVILLE

Blum Fred L—f l
Bodenhofer F L—f
Boyer A M—f
Brouse U C—f
Fields F E—f
Goke F G—f
Jones J A—f l c
Kendallville Trust Co—
f c
Kiser H L—f c
Pfaff U S—f
Shapland W B—f l c
Smith W A—l
Smith W I—f
Swogger W—l c
Wilson D C—f c

KENTLAND

Bush Ada—f c
Cummings R R—f
Cunningham T B—f c
Darroch Wm—f c
Davis John G—l
Hess Reuben—f l c
Higgins John—f l
Lowe Charles—l
Mock James—f
Russell Henry—f
Sammons H L—f c

KNIGHTSTOWN

Baxter C F—f
Bell & Stage—f
Garritson W S—f c
Gourley W C—f
Harrison R—f l
Jordan J—f
McGraw E G—f
Morgan & Wallace—f
Newby & Newby—f c
Reddick M S—f
Swaim C R—f
Vandenbark P N—f
Wagoner N W—f c
Welborn Chas—f
Wilkinson T B—f
Wooten L R—l
Yordan L—f
Zion W R—f l

KNOX

Fletcher James C—f
Fuller C M—c
Hays Harry J—f l
Johnson Ins Agcy Inc—
—f c
Koffel H R—f c
Kratli John—f c
Lundin Brothers—f c
McCormick J N—f
Newton Brothers—f
Nichols W—f c
Peters R D—f
Peters W S—l
Rogers H C—f
Schrock M E—f c
Short G F—f l
Swartzell A W—f
Taylor E H—f

KOKOMO

Anderson E R—f
Duke Bros & Co—f l c
Garrison A L—f
Gerhart Bros—f
Haughbaugh John—f
Hockett Ed—f
Hunt A H—l

Jay & George—f
Joyce J B—f
Joyce Thomas—l
Kokomo Trust Co—f c
Laughlin Wm—l
O'Neal Nora—f
Parsons & Orem—f
Russell E E—f
Schwartz Bros—f
Smith J C—f
Smith N B—f
Springer Denny—f
Strause H T—f
Terrell David—l
Vaile J E—f
Vrooman H W—l
Wirick E H—f

LADOGA

Davis F E—l
Oliver J J—l c
Overman B F—f
Shakelford Bros—f c
Shirey M D—c
Stanley J M—f c

LAFAYETTE

Baxter Chas—c
Beck F O—f
Brockenbrough Agency—
f l c
Bryan L M—f
Bryan & Son—f
Burk Bros—f
Edwards William C
Emming Bros—f
Flynn D H & Co—f l c
Godman John E Agcy—f
Goris J C—f
Harris W & Co—f
Jamison C—f l
Jones G—f
Kessner Bros—f
King Geo B—l
Lafayette Ins Agency—
f c
Lafayette Loan & Trust
Co—f
Levering R W—f c
Marks S C—f l c
Miller C G—l
Miller Earl E—l
Mitchell Agency—f l c
Moore Robt—c
Orb F C—f
Overesch Henry B—l
Preston & Strasmar—f c
Rosebery W J—f l c
Ross T N—f
Severson Wilbur F—f c
Snideman H—f
Stallard Chas—f
State Brokerage Co—f c
Tippecanoe L & Trust Co
—f
Tolle & Freal—f
Underwood Chas R—f c
Vanderklicd C J—c
Vater S—f
Wade I S—l c
Weibers Barney C—f
Weigle E—f l c

LA GRANGE

Burritt Arthur L—f
Dryer R P—l
Dunten Frank J—f
Ford Ira—f
Ganiard S K—c
Haglund John L—f
Haskins Herman—f c
Livergood L—f
McClaskey Chas—f l
Morgan G C—f l
Rice Miss Emma—f
Rowe L M—f c
Stroup C S—f
Wade Leroy—f c
Willard C S—f l

IND.—Con.

LA PORTE

Beecher W H—f l c
Bueltingaloewen Realty
& Ins Co—f l c
Doran & Conboy—f
Dorland J V—f l c
Fogle W P—f
Johnson & Bloomquist—f
Kelly Jas—f l
Kugler L M—f
McGill D H—f l c
Marum Harry—l
Miller H R—f
Miller Wm L—f
Osborn A L Jr—l
Peoples Trust & Savings
Bank—f c
Seymour Geo S & Sons
—f l c
Swan G F—f
Wolfe C E—f l c

LEBANON

Armstrong & Myers—f c
Bryan Chas T—f
Cason John O—c
Colgrove A F—l
Coulter H H—f
Darnell E C—f
Darnell J C—f
Edwards Jas W—f
Goodwin Cleve—c
Harlen & Saunders—f
Honan Wm—f
Huber John—l
Jones J W—f
King C D—c
McMillen A M—f
Mahan Haver—l
Martin T H—f
Neal & Co—f l c
Oldendorf Walter P—l
Orear O P M—f
Perrill & Storm—f c
Porter Miss C A—l
Porter Seth—l
Richey & Metzger—f
Richey E T—l
Saunders & Honan—f
Schooler John H—f
Sicks & Walter—c
Smith Jesse C—f
Stevens C L—l
Stevens C L U—c
Stewart Reginald R—f
Thompson & New—f c
Whittaker D S—c
Witt Bros—f
Williams Jno S—c
Wood Wm J—c
Worley & Fogle—f

LIBERTY

Ammerman Louis T—f
Harrell James—c
Howren Guy B—f c
Moore E P—l
Pierson Jammie L—f c
Robertson G W & Son—
f c

LIGONIER

Bothwell F P—f
Gerber O F—f l
Graham Chas F—f
Hays John—f
Hoffman John—f
Kenney John—f
Mier Sol—f
Sackett S C—f
Struass & Co—f
Treash U R—f l c
Wertheimer N N & Sons
—f
Wigton Wm H—f

LINTON

Beasley & Fritz—f l c
Craig W A—f c

Cravens J L & Son—f c
Dixon N G—f
Gilbreath Henry—f
Moss Claude—f c

LOGANSPORT

Closson E D—f l c
Closson S M—f l c
Closson Walter—f l c
Cockburn & Geyer—f c
Cooper O W—f l c
Felker Nettie—f
Fiddler Harry—f l c
Forkner W M—f l c
Giffe W T—f
Hanawalt V C—f l c
Heffley C O—f c
Homburgh Elizabeth—f
Kenison Ora—f
Landis Frances O—l
Logansport Loan & Tr'st
Co—f
Long Jos G—l c
McElheny T J—f l c
Markley J W—f
Murdock & Co J N—f l c
Murphy M W—f
Kaub Geo A—f
Ross W W—f
Stephens John H—f
Zinn O M—f l

MADISON

Bersch Wm Jr—f
Colgate Ed J—l
Harper N L—l c
Leland S E—f
Lewis Geo—l
McLelland W O—f l c
Mechem A O—f l c
Strader S M—f l c
Weyer J K—f l c

MARION

Alleger C F—l c
Ansdan H A—c
Baldwin S G Agency—
f l
Beals Chas A—l
Beard F M—l c
Reahare L C—f
Block Levi—c
Bluin H H—c
Bowstead Jas F—f l c
Breed & Ball—f l c
Burden J W—c
Campbell J P & Son—f l
Carr J C—f c
Carter C L—f
Coffin Charles E—l
Cole Geo L—c
Cretsingher Chas—l
Cushwa & Presnall—f l c
De Wolf White & Co—l
Drake & Harris—c
Ellis O M—l
Farmers Trust & Savings
Co—f l c
Ferree E F—c
Garrell Henry—c
Gemmill W J—f
Gillespie R B—l
Grant Trust & Savings
Co—f l c
Groff O C—l
Henry H M—f l
Hess J F & Co—f c
Hogston A—l
Houte Chas C—f l
Howard F—l
Hutton R L—l
Johnson M R—l
La Favor J H—l
Lendman J—f
Lewis Geo—l
Lillibridge F W—l
McCauley O L—c
McConnell & Pilcher—f c
McKowen G W—l
McSullivan Thos—l
Malott W S—l

Marion Title & Loan Co

f l c
Merriman F B—l
Miller Jas F—l
Miller W M—c
Moore Chas K—l
Moore & Steffens—f
Neal Chas E—f l c
Putnam N B—l
Ross J B—l
Sapp Geo R—l
Searles & Kern—f c
Smith Frank F—l
Stanley John—l
Strickler S L—c
Strump Chas R—l
Sutton T A—l
Thatcher Wm H F—c
Thompson C C—l
Tolley E E—l c
Unger Geo W—l
Van Winkle W R—l
Warfel Robt A—l
Walz J G—f
Whicker M L—c
White E K & Co—f l c
Wiley W H—f l c
Wilson E E—l c
Wine Isaac—l
Wright E J—f

MARTINSVILLE

Avery Chas A—f l c
Brown D G & Son—f
Downey W A—f c
Finchum W E—l c
Finney F T—c
Gentry S M—l
Grubbs S D—c
Johnson Smith—f
Kennedy D P—f l
Kennedy & Robinson—f
Kriner Ed S—l
Leland Radford—l
McNair F M—f
Miller Chas—c
Neely J M—f
Rhea W C—f
Roberts Price—l
Robinson Wm S—f l
Rose A G—l
Rose Ins Agency—f l c
Russell Ralph—f
Stoker Edwin B—l
Suter Robert—l
Taylor Jno W—c
Tilford Benj W—l
Townsend & Guthridge—
f l c

MICHIGAN CITY

Amber Michael—c
Cushman M A—f l c
Glascott J J—f c
Grieger Wm J—f l c
Fedder R C—f l c
Harrold F J—f
Heise E J—f c
Kenefick M J & J P—f c
Knott C H—c
Mich City Trust & Sav-
ings Co—f
Miller Charles H—f l c
Ohming Wm Jr—f l c
Orr J H & Son—f l c
Scharnberg John—f
Sherwood J H—l
Schwager H A—f l c
Snook Allen J—f l c
Veal B F—f

MILFORD

Grove Ziler H—c
Kechn Frank S—f
McLaughlin J C—f c
McLaughlin Miss M L—f
Miles Le Roy—f
Postma John—f l
Shepard James T—f
Vandeveer Richard—f
Wagner Frank U—f
Wehrly W O—f

MISHAWAKA

Berger B F—f
Bingham & Bingham—f
Bullinck J—f
Feig Ralph S—f
Frank Geo—f
Gaylor R W—f
Hennessy Jas—f
Hutchinson John W—f c
Jermegan Ralph—f c
Jones H W—f c
Long Enos—f
Lovell A V—f
McMichael John A—f
Matthein A—f
Metzgar Chas F—f
Mishawaka Trust & Sav-
ings Co—f c
Northside Trust & Sav-
ings Co—f
O'Neill W P—f c
Parks Isaac Kane—f
Schindler J J—f c

MITCHELL

Burton Jesse B—f
Conkey O B—c
Giles & Doman—c
Hendrickson N—l
Keane E M—f
Keane Joseph—f
Landreth John H—f l c
Moore E P—f c
Richardson W R—c
Sheets M T—l
Stalcup Chas S—f l
Wood Thos J—f c
Wright J Warren—f c

MONTICELLO

Atkins Wallace—l c
Duncan Robert—l c
Graves James T—f l c
Heiny W H—f
Johnson H C—f l c
Rhyam W S—f c
Vogel B A—c

MONTPELIER

Bonham A H—f
Boyd Amor—f
Brockin Guy R—f
Shook John T—l c
Smith C L—f

MT. VERNON

Evertson J R—f c
Hoehn & Howard—f c
Kreie Oscar—f l c
Larkin J L—f c
Oliver Job—l
Pfister Louis—f
Wade Edwin—f l c
Wasem Andrew—f
Wolf & Harlem—f

MUNCIE

Bishop E W—f l c
Boor O L—c
Boyce & Boyce—f c
Bradbury B F—f c
Burkholder J J—f
Davis W L—f
Eiler & Root—f
Emerson & Moffett—f c
Fowler B F—f c
Friedley & Hobbs—f
Gilbert M—l
Gray-Milton Agency—f l
Hammond Edgar—f c
Hanna G H—f
Hartley Jno J Co—f c
Herald Milton—l
Higman H H—f
Hiltner N—f c
Johnson H M—f c
Kendall & Ogles—f l
King S A—l

Kirkpatrick, Blue & Co—
f c
McKenzie W—l
Meyers C E—l
Miltnerberger & Lefler—
f c
Morrison-Johnson Co—f
f c
Paul G W—l c
Pavey C C—l c
Powell C V—f c
Reynolds R T—l
Reynolds Rev T A—l
Richey R—f
Shell E L—c
Sheritt H M—f
Showalter C R—l
Sloan Bros—l
Spurgeon Chase—f
Wolf Harry H Co—f l c

NAPPANEE

Arnott J R—f
Best Wm—f
Corns F M—f
Early P A—f
Greene H B—f l
Kantz J O—f l
McEntaffer J S—f
Prickett T J—f l c
Rickert W D—f l
Weldy W E—f

NEW ALBANY

Argo J W—f
Beach L J—l c
Beach W A—l c
Blust L N—c
Brooks & Spurrier—f
Burr R E—f l
Burroughs Geo S—f
Colglazier Wm F—l
Coryell H S—l
Du Paquier E—l
Ellis M F—f l
Ewing J W—c
Fertell A P—l
Fertell L P—l
Frey Oliver—l
Gaither John W—f c
Hammer Leon—l
Hartley E H—f
Hefton J E—f
Heimberger Adam—f
Hendershot E D—c
Huffman H H—l
Jackson J E—l
Johnson Conklin—f
Kaleis J E—l
Keehner J—l
Kreutzer Chas & Co—f
La Fayette Frederick—f
McMullen D H—f
Millican W N—f l
Morris Mrs Anna B—f c
Mosemiller Paul—f
Mutual Trust & Deposit
Co—f c
Needham H J—f
New Albany Trust Co—
f c
Nicholson Chas D—f
Nichols S H—f
Owens O—f
Padgett W H Sr—f c
Pollard Thea C—f l
Rady Wm—f
Renn Jno F—f c
Rosenburger Wm—f c
Sauer F—f c
Schlbrede H W—f l c
Sieveking C W—c
Skelly Chas—f
Strunk Ira G—f
Thornton M C—l
Tobias Hoffer—l
Vance S W—f c
Vernia L I—c
Walsh D S—f
Warner W S—c
Williams F J—f l c
Yates Andrew—l

NEWBURG

Abahien Alpha—l
Brizius Herman—f
Hopkins C F—f
Knapp O V—f c
Raber Harry H—c
Rutledge A J—f

NEW CARLISLE

Brummitt A R—f
Compton A H—f
Doughty Geo W—f l c
Egbert L C—l c
Hoffman C C—f
Hotchkiss Geo R—f
Jackways W B—c
King Lawrence D—f
Lancaster Mrs M—f
Lauver S I—f c
Phillips Chas G—f
Spencer Le Roy—l
White Ed R—c

NEWCASTLE

Beach F E—f
Bead E B—l
Blum John F—l
Boyd Bros—f l c
Bradway & Wilson—f
Brown Clarence M—f c
Byer John S—f l c
Carpenter O A—l c
Central Trust & Savings
Co—f

Chambers Dorid W—f
Chambers Miss L E—f
Deaver R W—l
Enders J L—c
Fisher Jas H—f
Franklin Perry—c
French H E—l
Hays Strod—f
Higgins Jack—f
Hinshaw J R—c
Hunter R S—f
Johnson L M—f
Kerr D W—c
Koons & Wagoner—f
Livezey Frank—f
McGeath O W—f
Millican W N—c
Millican Thos B—l
Millican Thos W—l
Mills J B—l
Mogle Chas O—f
Nixon Frank W—f l c
Ogborne E C—l
Phelps C A—f l
Saint Fred C—l
Sherry Alvenus—l
Sligar A R—l
Thompson C B—f c
Tracy D A—f c
White E T—f l c
Williams A M—f
Wilson Anderson—f

NEW HARMONY

Cox Leroy—f
Ford Edwin C—f l c
Johnson E V—f
Pelham L—f
Perry & Stallings—f
Stephens H—f
Taylor G C—f c
Wilson E A—f l c
Wilson L Wade—f l

NEWPORT

Asbury Victor—f
Fultz C N—f c
Ingram Forest—f
Neel Edward—f c
Nixon H V—f
Stephens R E—f
Wright John R—f

NOBLESVILLE

Bray J D—l
Campbell Frank S—c
Fariss Phil J—f c

Fitzpatrick Edgar E—l
Fodrea & Hutchens—f
Forsythe Edw—f l
Forsythe Ora—f l
Gaerte O E—l
Granger Calvin W—f
Henderson A W—f l c
Hines F E—f c
Irwin J E—l
Neal N C—f
Railsback E P—f l c
Smith J W—f
Stanley A G—f l
Taylor W L—f c
Wainwright Trust Co—
f c
White C C—f
Wilson E E—l
Young Geo R—f

N. MANCHESTER

Bussard L J—f c
Clevenger & King—f c
Howenstine U R—f c
Krisher Maude—f
Nagle J A—l c
Thomas A B—f l c
Union Trust Co—f c
Wood Lillian—f
Wright L D—f l c

NORTH VERNON

Bacon Frank E—f
Basnett Wm—c
Beer R C—f
Campbell W S—f l c
Clerkin John—f
Cline C J—f
Davis E D—f
Davis John W—l
Hudson J E—c
Little F E—f
Matthews W S—f
Meloy H C—f
Olcott Wm W & Edw
E—f
Roseberry J T—c
Russell C W—f
Verbarg Joseph—f c
Walker E E—f
Weber C H—f l

OAKLAND CITY

Aydellotte Chas F—l
Baltzell Geo A—f c
Bilderhock Jno B—f c
Emmerson & Martin—f
Jerrrell S H—l
Lowrey E P—l
Martin & Co—f l c
Moore Geo M—f
Shanner Chas A—l
VanDeveer I M—f c
Vedder H W—l c
Wildner C B—f c
Wilgus L G—f

PENDLETON

Ashbaugh John H—f
Brown C F—f
Cook A W—f
Davis Ira G—l
Mays L V—f l
Morris W F—l c
Swain C E—c
Thomas R F—f l c

PERU

Andrews Millard—l
Andrews M E—l
Bauer Jno—c
Buckley Leo—f c
Callentine Jos—f l c
Crites Harry C—f
Eckstein Chas—l
Farrar W C—f
Farris & Petty—c
Haney J—f c
Helvie T M—l
Hoag Chas C—f c

Home Loan & Savings
Association—f c
Hower E D—c
Imhoff E W—c
Irwin David & Co—f l c
Martin George D—f
Mount Thos L—f
Oates—f l c
Rush Ira—l
Smith Martha—f
Stewart T G—f l c
Test Jas W—c
Thomas George—c
Tucker George—f
Van Nada J B & Co—f
Wabash Valley Trust Co
—f c
Wagoner George—f c
White L E—f c

PETERSBURG

Adkerson G—c
Deffendoll Cyrus N &
Co—f l
Frank N—f
Hammond John—f
Hammond R C & Co—
f l c
Harris T A—f
Martin George D—f
Mount Thos N—f
Tucker J B—f
Van Nada J B & Co—f

PIERCETON

Brosnahan M F—f
Matchett Bros Co—f l c

PLYMOUTH

Bailey W E—l
Bondurant C A—f c
Bowell J B—f
Cardwell Wallace L—l
Cressner L R—f c
Davis, Ferron R—f
English W H—f c
Gager S H—f
Garn Bros Co—c
Head Robert R—l
Hess Wm B—f
Holloway P—f
Jones John R—f
Jones P O—f
Lauer L M—f
Logan H A—f
McKesson D—f c
Marsh & Sweeney—f l c
Marshall Co Trust & Sav
Co—f
Molter J A—f c
Reeve James—l
Roberts W H—f
Russell F A—l
Shakes R V—f c
Shobe Samuel E—l
Smith D C—f
Snyder & Brooke—f l c
Unger Harry—f
Wilson Frank W—f
Wise A E—f

PORTLAND

Adams Jason—c
Ashcraft Wheeler—f
Garrison & Hall—f l
Garrison M—f l c
Graves J F—f c
Fitch R S—l c
Hartford R H—f
Holmes John W—f c
Hood G T—l
Jaqua J A—f c
Longworth D—f l
Macguintie W F—f
McLaughlin C W—f
Maxwell Leo—f
Shimp T W—f
Stratton S S—f l c
White Frank—f c
Whipple Tod—f l

IND.—Con.

PRINCETON

Baldwin E J—f 1 c
Carpenter T J—f
Citizens Trust & Savings Bank—f
Criswell & Son—f 1 c
Critchfield Dr J S—1 c
Cullen Thos W—f c
Goodman John I A—c
Kemp W L—c
King Roy P—f c
Kistler Henry—f
Kurtz Agency—f 1 c
Lamphar O—f
Lewis A E—c
Lewis M T—c
McDonald Effa E—f
Mossman R C—c
Mulhall Henry C—f
Radgett G H—f 1
Ritchie J W—f
Rumer C F—1
Stewart Sam'l A—f 1 c
Tichenor & Danks—f c
Vanada M L—1
Wood Ins Agcy—f 1

RED KEY

Arthur C L—f
Atkinson J W—f c
Cohorn John H—f 1
Downing F R—f
Dragon Dell—f
Porter W C—1
Rathbone H E—f
Williamson A H—f
Williamson Lee—f

RENSSELAER

Beam Wm H—1
Chapman J H—f
Davisson J—1
Dean Chas J—f 1
Dean D D—f c
Dunlap John A—f c
Duvall C L—1
Fate & Harman—1
Gwin Elmer—f
Halleck A—f c
Hollingsworth E L—c
Hardman Jos F—1
Harris R B—f c
Honan E P—f
Hopkins A H—f
Hunt Judson J—f 1 c
Irwin Schuyler C—f c
Leopold Moses—f c
Lloyd J P—1
McMcLain Geo H—f c
Mills Chas Howard—f
Morlatt John W—1
Sands Charles M—1 c
Spitler C G & Co—f
Stewart C B Agency—f c
Thompson R D—f c
Tuteur C A—1
Warner Chas C—f c
Williams Geo A—c

RICHMOND

Bartel Geo C—1
Bradbury W H & Son—f c
Braffett Frank—f 1 c
Cring T H—1
Dougan, Jenkins & Co—f 1 c
Dye & Price—f 1 c
Ferguson W C—f
Fulgham O B—f 1 c
Hegger J B—f c
Jones Elizabeth—f c
Kennett W D—1
Knollenberg E B—1 c
Koll H N—f 1 c
Moore & Ogborn—f 1 c
More R L—f c
Morgan Mrs—f

Peltz J E—f 1 c
Piehl W F—f
Posher Carrie W—f
Roney E E—f c
Shideler Chas f c
Wilcox Mary A & Co—1
Zeller Jos—f

RISING SUN

Green Wm M Sr—f
Matson C B—f
Matson H G—1 c
Perkins J N—f
Ricketts Wm D—f
Wiher David S—f
Williams Will W—f c

ROCHESTER

Baker M A—f c
Bitters C K—f c
Condon H C—1
Crabbs Lawrence E—1
Davis O A—f c
Dillon A J—f
Ewing W C—f
Fretz Benj F—f
Ginther D D—f
Goss I D—f
Green A B—f c
Heilbrun Ferd—1
Kessler & Miller—f 1 c
Metzler Arthur—c
Mohler Wm E—f
Murphy Edward E—c
Reiter Marion C—f
Smith O B—c
Swihart Jerome—1
Troutman & Wallace—f c
West B O—1
Zellar Wm B—f c

ROCKPORT

Garlinghouse F B—1
Hill J G—f
Jennings J H—f
Kincaid Frank—1
Mason C C—f 1 c
Mason C C—f 1 c
Schweitzer G B—1

ROCKVILLE

Bryant F M—f
Burke J R—f
Dukes W H—f 1 c
Fryberger L W—f
Lambert C E—f c
Murphy Clinton—f 1
Parke State Bank—f
Pike S A—f
Spencer & Cox—f 1
Woodward W C—f 1

RUSHVILLE

Abercrombie Ned—f
Arbuckle J F—f
Barrett Howard—f
Gillespie J F—1
Innis Samuel—f c
Irvin A B—f
Kratzer James—f 1
Lambert L C—f
Miller B F—f
Newbold Will L—f
Nipp Carl V—f 1
Rue Webb—f
Scudder R F—f c
Sexton Gates—f
Smith Ben—f
Smith Walter—f
Thomas John O—f
Trabue Sam—f 1

SALEM

Berkey James G—f
Carter J M—f 1 c
Gabbert & Gabbert—f c
Greene & Greene—f
Hobbs O K—f

Hogan W M—1
Houston Frank S—f
Mead W G—f 1 c
Mitchell E C—f
Routh E F—f
Sutherland J R—1
Tash R R—f 1 c
Tucker J L—f c
Wilson Frank M—f 1

SCOTTSBURG

Cain G V—f 1 c
Davis J B—f 1 c
Deal Chas T—f
Gardner Frank—f
Harbold M V—f
Hough V V—c
Hugh Dr L H—c
Hugh Will M—1
Owens B M—f c
Perry W F—1
Roberts E A—f 1 c
Starver H M—1
Storen M—f
Van De Vort James D—f
Whitson Ray L—f c

SEYMOUR

Blish Ed S—f
Boake J H—f
Burkley Wm H—f 1 c
Clark T J—f c
Congdon John—f c
Davis Clark B—f 1 c
Finley Harry—f 1 c
Hancock Geo L—f
Hodapp H A—f c
Mains L M—f
Matlock Joseph H—f c
Miller H M—f 1 c
Miller H P—f
Remy E A—f c

SHELBYVILLE

Alsman O D—f
Billman J W—f c
Bird Roy—c
Bland M O—1
Boger R F—f 1
Briney H F—1
Clark Ed & Son—f 1 c
Clark & Goodwin—f
Cole M E—1 c
Comstock & Thompson—f
Crocker G M—1
Davis L L—1
Daum B T—1
Dorsey S L—f
English A F—f 1
Ewing Charles M—1
Ewing Frank W—1
Fleming T W—f
Goodwin Harry L—1
Hale Frank R—f
Hall J O—c
Hawk Edgar—1
Henry C R—f
Henry O H—1
Hoop John—f
Huber O R—f
Isley W H—f
Jones Frank—1
Kaiser J W—1
Kirk & Son—f c
Lewis Edward W—f 1 c
Madden J P—1
Maholm Wm—1 c
Major & Fleming—f
Marshall J R—f
Meer Miss A E—f
Mohr Fred'k W—f
Montgomery M R Agcy—f
Morgan J L—1
Neal Herbert M—f 1 c
Olcott R D—1
Oldham Ary H—1
Phillips J A—f
Pumphrey Clarence D—1
Roberts H C—1
Schnaitter A H—f
Shelby Title Guar. & Loan Co—f
Shelbyville Trust Co—f c
Showers J L—f c
Smith David—c
Smith B F—1
Smith Silas—1
Stubbs Geo C—1
Sweet W S—1
Terry Sumner W—c
Vanarsdall & Vanue—f
Wilson Major R—f 1 c
Young E H D—f 1 c
Young Frank L—1
Young John A—1

SOUTH BEND

Andrews C M—f
Anderson S D—1
Arnold J B—f
Babcock Ray E—1
Bailey August—f
Baker Geo A—1 c
Barr Alvin M—c
Barter L E—1
Barton W C—1 c
Battenberg I A—f
Beck E E—1
Bennett Cecil C—c
Bergen Will N—f
Berth Geo D—f
Bishop John C—1
Blue John—c
Borley E R—1
Boeckling A R—f
Boswell Dr A J—f
Brink Jas H—f 1
Brown J D—1
Burnett L B—1
Burt N H—f
Caldwell F M—f 1
Calvert W B—f
Campbell M—f
Case G H—f
Casey P J—c
Citizens Loan & Trust Co—f 1 c
Cole Geo E—c
Collmer F G—c
Conley Wm G—c
Coquillard A—f
Cramer Wm A—1
Creed John P—f
Creed-Bishop Co Inc—f
Daum B T—1
Davey Chas A—f
Deahl & Hammerschmidt—f
Dean Edwin R—1
Dennis Fred L—1
Dowley Wm H—c
Dubail & Dubail—f c
DuComb C V—f c
Du Comb & Du Comb—f
Dunbar R E—f
Dunn Jno H—f
Dunnaboo H P—f c
Elliott G A—c
Elliott W G—c
Evert V G—c
Elliott & Elliott—1
Emmons Howard—1
Evans E W—1
Farabaugh G A—f
Fergus P C—f
Fisher John E—f
Fogarty E J & Co—f
Frazier Ralph—1
Frederickson E A—f 1 c
Freyermuth Wm H—f c
Garsdorfer F P—c
Geltz W E—f 1
Gerard R C—1
Gibson Wm C—c
Goodenough F—f
Gower L A—f
Greene H L—f
Grzesk W A—f c
Guy Miller—f
Hahn Fred—1

Hafner Miss B—f
Hagedorn Chas—c
Hagerty Chas A—f c
Hansen Dora—f c
Happ Wm—f c
Harlin A—f
Hartman S J—l
Hastings Vernon C—f c
Haulihan P J—f
Hilderbrand A N & C D—f
Hoetger Henry—c
Hoover Theo E—l
Hutchinson R M—l
Ingelright D W—l
Irvin A S—f
Irvin J C—l
Jackson & Kirkley—f
Jaquith Thos—c
Johnson S A—c
Jolly John M—f c
Jones Hudson—f
Jones & Tohulka—f c
Josephson Harry E—f
Judie Jas A—f
Kazmiski Wm L—f
Keller Frew W—f
Kehoe Wm A—l
Kellogg L—l
Kilgore T—l
Kimmel J L—l
Kizer & Woolverton—f l c
Klein & Zinky—f
Kriegbaum Miss E M—f
Kurtz Geo A—f
Lambert F E—f
Landy P F—l
Layton D C—f l
Lederer H J—l
Listenberger M E—f
Lippman Oscar—f c
Listenberger M E—c
Mack W L—l
McDermott James—c
McHenry Wm K—f
McInery & McNery—f
McNutt C A—l c
Manning Wm—c
Meyers Wm F—l
Miller Donald G—f
Miller Guy—c
Miller Eugene H—f
Miller R T—f
Morris Ernest M—f
Mucha L M—f
Mueller Wm A A—c
Neddo Ed—f
Neff Jos E—f
Nemeth D D—f
Nepper I—c
Noble F C—l
O'Neil Wm J—f
Pace Sam R—f l c
Pammel Gus J—l
Paris August—f
Pattee C E—f c
Peak J E—f c
Peters John W—c
Piech F P—f
Pifer R C—l
Pultz Frank M—l c
Pyle Dan—f
Quinlan P P—f
Reed J P—f
Rex Hiram—f
Rich & Rich—f
Robinson S M & Son—f
Romig & Miller—f
Roetiser H F—f
Rohrer Edgar R—l
Roth John—f
Rush Edw H—f
Scanlon Barry—f
Schafer Edw A—l c
Schellinger A A—f
Schack Wm—f
Seebirt & Schurtz—f
Shields C H—l c
Shively Dudley M—f
Smith James—l

Snider R M—f
South Bend Agcy—f c
St Joseph Loan & Trust Co—f c
Steiner L E—l
Stults & Co—f
Stoll Edgar A—f c
Temple Wm Lewis—l
Thomas Samuel R—f
Thornburg Cha A—l
Tohulka H A—l
Tolcott T M Jr—f c
Turnock Jos—f
Turner P G—l
Thorword Geo T—f
Twomey Edw J—l
Ullery Ira M—f
Vaughn David L Jr—f
Warner H D—f
Warner W C—f
Weidler Chas—f
Wells Isaac M—l
Wells Edmund A—f
Werwinski J A—f
Wesolowski Marion—f
Wheeler Henry C—c
Whitcomb & Keller—c
Whitcomb Leslie C—f
Willis Edmund A—f
Woodruff J P—f
Wolfe Anthony A—c
Wring G W—l
Zahrack Bert J—c

SPENCER

Baumgartner M F—l
Boyers Ralph—f c
Cochran & Cochran—f c
Duncan J L—f c
Hays F A—l
Lombard C M Mrs—f l c
McClure Chas R—f
Miller James—f c
Plunkett R A—f
Rundell H E—f
Spangler T G—f
Trent L D—f
Wark Geo W—f
Wark Nathan G—f

SULLIVAN

Brown Jas R—f
Cheney Dan—f
Coffman Ella—f
Eaton W H—f l c
Hill W H Jr—f l c
Hunt & Eaton—f l c
Kalley Isaac H—f c
Rogers W E—f
Scherb J F—f
Walston & Greenlee—f l c
Willis C W—l

SUMMITVILLE

Eldrige Wm—f
Kaufman Andrew F—f c
Kaufman A R—l c
Summitville Bank & Trust Co—f c
Warner Maurice—l

SYRACUSE

Bell Simon—c
Blanchard A H—f
Butt & Xanders—f c
Butt Otis C—f c
Colwell Warren T—f
Connolly Wm G—f
Hess John R—f
Howard Geo W—f l
Ketring S L—f
Rosson E C—l
Rothenberger John W—f
Self W M—f
Strieby Andrew W—f
Xanders Geo—f l c

TELL CITY

Bohm Frank—l
Hammond Raleigh—l
Herrman Wm J F—l

Huelaman Robert—f c
Huthasteiner Eugene G & Co—f c
Miller Au—l
Patrick J T—f
Sweeney John—f c
Zoercher Chris—f l c

TERRE HAUTE

Allen P E—f
Andrews, Newton & Co—f
Biglow James D—f
Bledsoe L D—f c
Burget L—f
Button & Kensing—f c
Cooper W M—l
Doak - Riddle - Hamilton Co—f l c
Durham & Hagerty—f c
Einecke Albert—f c
Elder Jos—f
Fisbeck F C—f c
Fox Chas—f c
Fox & Pfister—l c
Frank Ferd—l
Gagg G A—f
Goodman August—l
Haupt Chas—l
Hazlerigg & Ladd—f
Hidden M T & Co—f
Houk W E Co Inc—f c
Kelloy, Wagner Joyce—f l c
Kynich G M—l
Leever E F—l
Lybrand Lucius—l
Miller J S & W D—f l c
Miller S C—l
Morris Geo G—l
Mullikin Jos & Co—f
Noble C W—l
Orman D A—f
Paddock J E—f l c
Pfister J B—f c
Redman E H—f
Royce I H & Co—f c
R H & W J Shepherd—f l c
Smith & Buntin—f c
Somes J E—f l
Steel M A—f l c
Streeter Catherine A—f c
Walker Chas P—l
Wiltsie W E

THORNTOWN

Griffin A L—c
Johnson Chas W—f l c
Lyster Geo—f l c
Orear J S—f
Woody Nathan—f

TIPTON

Clark & Miner—f c
Culver S A—f
Farmers Loan & Trust Co—f l c
Fielding & Fielding—f
Knause W H—f c
Lewis J A—f
Martindale E B—f
Mock M O & Co—f c
Mott J W—f
Reasler Wm—f
Richman C J—f
Rouls & Leavell—f

UNION CITY

Downing J J—f c
Dunn & Woodbury—f
Fisher C C—f c
Gordon O C—f l
Gruber Jos—f
Gruber Louis—f
Kerr Elmer—f
LeFever Mrs L M—f
Richter Clara—f c
Stone D E—f
Thompson C M—f c
Weber John—f

Williams J W—f
Williamson C I—f

VALPARAISO

Drapier M J—c
Jesse E Foust—f l
Hardesty A R—f c
Jones R C—f l
Marine Chas—f
Marquet P—f c
Osborn E G—f l c
Parks F B—l
Pierce L M—f
Reading W L—f
Ross R D—f
Schenck H J—f
Spoonor W F—f l
Thriff Trust Co—f
Turner F A—f

VERSAILLES

Cooley O H—f l c
Daubenheyer S B—f l
McCoy Ira W—f
Royce C S—f
Spencer J F—f l c

VEVAY

Cotton Wallace—f c
Curry W E—l
Ogle Wm F—f
Porter A J—f
Shaw A B—f l c
Wright James S—f
Wright Lee—f

VINCENNES

Aichorn C C—l
Alexander H W—l
Bayard J L & Co—f c
Bombay L—f
Brown & Roseman—f
Buckles John L—f
Campbell L C—l
Clark Edw S—l
Claycomb M A—f
Citizens Trust Co—f c
Coyle Oral C—f
Curran H G—l
De Priest Claude M—f
De Priest A W—l
Foulks Geo W—f l c
Forler A B—l
Gibson P R—f l
Glass & Tucker—f c
Graeter Geo W—f
Grayson & Vandermark—f

Helm S B Jr—f
Hill S F—f
Huber G—l
Johnson Albert T—l
Jones Wm J A—l
Keith J A—l
Knight & Johnson—l
Krack F M—l
McCormick & Tucker—l
McGovern Wm H—l
McGowan W A—c
Mason Wm C—f l c
Meyer & Stillwell Co—f l c
Mix Edwin H—l
Morse G S—l
Mosier M R—l c
Murray L G—l
Nossette & Chamberlain—f
Purky Bros—f l c
Ridenour H D—l
Roach A—l
Sappenfield C C—f
Shepard A M Agency Co—f
Simons G G—c
Simpson P W—f l
Somes H V Jr—f c
Weibert Edw—f
Winstanley R S—l
Wise John C—f l
Yelton F M—f
Young C E—l

IND.—Con.**WABASH**

Citizens Sav & Trust Co—f l c
 Ebbinghouse E O—f l c
 Lumaree, Neil & Co—f l c
 Parmenter & Co—f c
 Payne F A—f c
 Rose C S—l
 Ross J P—f c
 Seese T L—l
 Simon Aron—f l
 Stewart J W—l
 Straughn S W—l
 Thorn J B—l
 Wabash Co, Loan & Trust Co—f c

WARSAW

Anglin T W—f
 Baker E M Agency—f
 Baker Jos S—c
 Boulton T R—f c
 Brown P C—l
 Coleman J W—f
 Coleman L F—f
 Dodel W A—l
 Donaldson Jos W—f c
 Esbach J E—f
 Frazier Harriet—f
 Hickman E E—f
 Indiana Loan & Trust Co—f
 Loop E A—f
 Oborn J W & Son—f l c
 Robinson Alvin—f c
 Scott Chas W—f c
 Sloan J M—l
 Stuart T C—f
 Summy Melvin H—f
 Warsaw Investment Co—f
 Widaman John D—f
WASHINGTON
 Beck Wm—f l
 Biddinger A J—l c

Burris B J—f
 Camp Will—f
 Citizens Loan & Trust Co—f
 Daily John—l
 Deffendall & McCollough—f
 Dillard John—f l
 Dosch John—f l
 Dougherty John—l
 Greenwood Arthur—f
 Hopkins Geo E—f l
 Johnson Isaac—f
 McCoy Arthur B—f l c
 O'Neal H F—f
 O'Neal M G—f
 Vance O M—f
 Waggoner Will—f
 Winston John L—l

WATERLOO

Baxter I J—f
 Crooks Geo W—f l c
 Grubkey A C—f
 Leas D L—f
 Leas H K—f
 Leas Wm H—f
 Mondy Alfred—l
 Spackey II J—f
 Speer C O—f l c
 Sutliff Wm—f
 Urey John H—f
 Walker Wm—F
 Waterman J M—f

WESTFIELD

Chance Bernie—f
 Mendenhall W W—f l c
 Perry O D—f

WEST TERRE HAUTE

Berry Geo L—f
 Cassidy Burton—f
 Kemp Chas H—l
 Osborne Thos C—l

Ratcliffe Realty Co The—f
 Russell M A—l

WHITING

Fetterhoff & Green—f
 Keller John J—l
 Schage Henry—f
 Smith, Bader, Davidson Co—f l c

WINAMAC

Brown John—f
 Brown Samuel—l
 Burton John L—f c
 Dilts James—f
 Freeman A B—f c
 Graves M L—f c
 Hedges T B—f
 Henry W B—l
 Lowden G L—f l c
 Parrott Chas—f l c
 Reidelbach Lewis—f
 Thompson Grace—f

WINCHESTER

Bales Wm H—f
 Best Thos P—l
 Boltz Benj F—f c
 Bragg J W—f c
 Browne J A—f
 Chenoweth Ernest E—f c
 Comer H M—l
 Diggs M J—c
 Engle John R—f
 Focht F C—f c
 Fulgham Wm—l
 Furnas M J—l
 Gutheil A C H—f
 Helms T A—c
 Hinshaw Seth & Co—f c
 Hugh Thos A—l
 Kennon O E—l c
 McMeas H E—f

Macy, Nichols & Bales—c

Marsh B F—f
 Mendenhall S C—f
 Peoples Loan & Trust Co—f c
 Puckett Carl—f c
 Puckett Reverdy—f c
 Smith J L—l c
 Templin S B—f l c
 Thompson Carl—f c
 Thornburg Thomas M—l
 Van Wylick Wm P—l
 Ward Geo H—c

WORTHINGTON

Bucher Edw P—f l
 Carnahan Saml H—f
 Dyer F E—f c
 Flater M H—c
 Foster E E—f c
 Hansford W F—f c
 Hanson Jno W—f
 Hays W A—f
 Heath J W—f
 Hollis Thos H—f c
 Housum Jos—c
 Jean Amos—l
 Light James—f
 Lowe Arthur—f
 Mitten Benj B—f
 Taylor Geo D—f
 Trent Jas N—l
 Wadsworth W H—f l c
 Welton G C—l
 Williams J P—f
 York Lewis E—f l

ZIONSVILLE

Avery H H—f
 Combs L W—l
 Davenport M S—f
 Mills & Bundy—f
 Peters Arthur—f

IOWA

FIRE TORNADO HAIL AUTOMOBILE PLATE GLASS STEAM BOILER ACCIDENT LIFE
 HEALTH BURGLARY LIABILITY FIDELITY SURETY

J. S. ANDERSON & SON

LEW W. ANDERSON, President

General Insurance Agents and Brokers

301-305 MASONIC TEMPLE, CEDAR RAPIDS, IOWA

GENERAL AGENTS FOR IOWA:

Fidelity and Deposit Co. of Maryland
 SURETY and CASUALTY

Home Insurance Co.
 AUTOMOBILE

New York Plate Glass Insurance Co.
 PLATE GLASS

LOCAL AGENTS:

Above Companies and
 British America of Toronto
 City of New York

Hanover of New York
 Home of New York

National of Hartford
 St. Paul of Minnesota
 Springfield of Massachusetts

UNEXCELLED FACILITIES FOR PLACING LINES ANYWHERE IN IOWA

ESTABLISHED 1875

ACKLEY

Block S—f
 Cordes Louis—f
 Eggert S Y—f
 Rath & Blecker—f
 Schroeder Fred—f
 Smith Herman J—f c
 Young W A—f l c
 Wait F O—f

ADEL

Coffin Wm—f
 Crenshaw H H—f l c
 Johnson O A—f c

Joy Ralph E—f c
 Russell L V—f c

AFTON

Afton Savings Bank—f
 Citizens Bank—f
 Coen & Lerry—f
 Delay G W—f
 Emerson & Keating—f
 Goodie J B—f
 Kelly R B—f l c
 Shute F A—f

AKRON

Brady C G—f

Kidd W T—f
 Redmond Bros—f
 Robertson & Hays—f
 Root Roy—f
 Shoulberg H—f

ALBIA

Alford Ed—f c
 Atchison C C—f
 Burdan Wm—l
 Deaveraux J D—f l c
 Hilton Carl—f l c
 Iowa Title & Loan Co—f l c

Mercer John P—l
 Noble Ed M—f c
 Sloan E C—f
 Rowles W H—f c
 Speer Land Co—f
 Smallwood C W—f
 Townsend Fred—f

ALGONA

Butler E B—f
 Chubb C T—f
 Crose B F—f
 Dingley F W—f
 Gaibraith W M—f

Gilmore E J—f
Hohn John—f
Hutchinson A—f
Johnston J B—f 1 c
Lathrop & Weaver—f
Mason H B—f c
Nolte Chas F—f
Smith Lewis H—f
Winkler J B—f

ALLERTON

Bair H H—f c
Bettis Allerton—f 1 c
Hall L—f
Hede S H—f
Jacques J H & Son—f
1 c
McCoy & Son—f c
Reck D C—f c
Richie J—f

ALTON

Gibbs M D—f
Goebel Peter—f
Hoxmeier Theo—f
Vanderlinden H—f

AMES

Brown Harry—f
Graves Ed—f
Hauser T W—f
Hickie G C—f
Little Carl L—f 1 c
Manning M A—f 1
Miller Geo A—f
Rogers F F—f
Sheldon & Sheldon—f 1 c

ANAMOSA

Cash C J—f
Chaplin M—f
Gould C L—f
Harvey E M—f
Knapp A S—f
Lawrence G C—f
McIntyre R D—f 1 c
Moore E R—f 1 c
Remley J E—f
Rhinehart B E—f
Shapley T W—f
Walters R C—f
Wood Margueret—f

ANGUS

Morris W A—f 1

ANITA

Faulkner C E—f 1 c
Faulkner Harry C—f c
Forshay B D—f c
Holton E S—f 1 c

ATLANTIC

Farmers & Merchant Ins
Agency—f 1 c
Finlayson Harold D—f
Herbert D O—f c
Hoffman Sam—f 1 c
Hostetter A—f
Newfield A L—f c
Nichols Frank—f 1 c
Pressnall J S—f
Stauffer J A—f
Trede J F—f
Weber H G—f
White F S—f
Whitney Bros—f c
Wilken J O—f
Wilken W A—f c
Willard E M—f

AUDUBON

Bagley Chas—f
Drake A F—f
Farquhar Arthur—f
Graham J M—f c
Kellogg Geo E—f c

Morrissey J B—f
Nash & Phelps—f 1 c
Taggart E N—f
White & Mantz—f c

AVOCA

Bunge S J—f c
Hazen J T—f
Hipsley J J—f c
How H—f
Meitzen A C—f
Petersen Jacob—f
Rohlf T C—f 1 c
Swartfeger C I—f c
Turner F A—f

BEDFORD

Clark & Payton—f 1 c
Dumings Clyde—f
Lewis Lloyd—f
Long H F—f
Ormsby & Beard—f
Ramsey H M—f
Reynolds H R—f

BELLE PLAINE

Ahrens & Sweet—f 1 c
Bailey R R—f
Bardwell Stella—f
Blue J D—f
Blossom Chas—f c
Greenlee T F—f
Guinn Jack—f
Hammond F J—f
Irwin Wm—f
Milner John—f 1 c
Montgomery L—f
Paden C M—f 1 c
Sanket Chas—f
Scrimgeour W C—f
Snyder C W E—f
Welch J H—f 1

BELLEVUE

Becker J S—f 1 c
Campbell J C—f
Dorchester H G—f
Kelso J J—f
Schultz Jos H—f
Schwartz F H—f
Slattery Ella—f
Stuart W G—f c
Weck J J—f
Yeager Jno T—f

BLAIRSTOWN

Davis F M—f
Goss Geo W Jr—f
Grunewald C E—f
Hoebel P—f
Ransom J H—f c
Vail C—f

BLOOMFIELD

Bence T P—f
Day H C—f c
Deupree Wm—f c
Fortune A H—f
Higbee Joseph—f c
King Herbert—f
Leach & Ethell—f c
Leston A C—f
McCunly J C—f
Pease Mr—f
Scarborough J F—f
Shaw Ed W—f
Steckel W J—f
Wallace J R—f c

BOONE

Andrews, Houghton &
Jordan—f 1 c
Ashenfelter D B—f
Ashford T L—f c
Carlson Ernest—f
Crooks J S—f
Cutler F E—f

Goetzman, Minton & Co
—f
Grant, Duncan & Son—f
Herman Otto—f 1 c
Jones F L—f c
McBirnle Saml—f
Means Bros—f c
Merchant D W & Son—f
Nelson W H—f 1 c
Snell J J—f

BRIGHTON

Dey J B—f
Edmonson F L—f 1
Johnson A J—f 1 c
Shyrock L M—f 1 c
Swisher Lucy—f c

BRITT

Castle Geo F—f
Hanson A E—f 1 c
Healy E P—f
Hendricks L A—f 1
Miller D J—f
Peterson Ole—f 1
Rogers F B—f

BROOKLYN

Crider W D—f
Cronk & Mussetter—f
Dalby W H—f
Reed U M—f c
Talbot Edwin H—f 1 c
Talbot F H & J F—f

BURLINGTON

Albright J W—f
Anderson N—f
Audre Dale—f
Binder Geo Jr—f c
Blanks S D & Co—f 1 c
Brownlee W R—f c
Burg H E—f
Cady R F & Son—f
Cattlett E W—f 1
Cross W S—f c
Fleming & Riling—f c
Fulton Geo F—f 1 c
Gladfelder H C—f
Green R M—f c
Harper T G—f
Hart W J—f c
Hirsch & Riepe—f c
Hoelzen Realty Co—f c
Hutchinson & Wesner—f c
Jamison Geo S Agcy—f c
Johnson V A—f 1
Koch L H—f
Lahee John—f c
Lundgren C B—f
Lungren Mrs C B—f
Mohland & Kuhlemeier—f c
Parsons Realty Co—f
Phelan M T—f c
Phelps & Garrett—f c
Pilger Louis M—f
Riley T—f
Ritchey J H—f
Ritter Henry—f
Salter Geo B—f c
Shepherd C B—f
Smith Ada—f 1
Smith J W—f 1
Stein Bros—f
Storror J M—f
Swenson H E—f
Waddle R C—f

CALMAR

Becker R J—f 1 c
Calmar Savings Bank—f 1
Geisen H J—f 1
Meyer Jacob—f
Ode O P—f

CARROLL

Berger & Son—f 1
Chesbro Frank—f
Dougherty J A—f 1 c
Drees John A—f 1
Helmer C C—f c
Macomber H W—f
Minchen J P—f
Park E C—f
Reynolds & Meyers—f
Saul W C—f c
Stephany Peter—f
Wisler E A—f c

CASCADE

Keefe F J—f 1 c
McQuillen & Bealy—f c
Talmun F J—f 1 c

CEDAR FALLS

Aitken W T M—f
Bailey J L—f 1
Bailey S O—f 1
Burk Wm—f
Carney Ed—f
Cummins C S—f 1 c
Cunning O V—f
Hovey L D—f
Hurd W H—f
Knapp L—f
Maitin Leclair—f
Merner W H—f
Morgan Wm—f
Mornin & Paulger
Newton E E—f
Nuhn Wm C—f
Paul H—f c
Phillips S B—f
Ray & T F Murray—f 1
Security Bank—f
Silliman H N—f
Spicer C—f
Wild Abe—f
Wilson G F—f 1
Wynegar Forrest—f

CEDAR RAPIDS

Anderson J S & Son—f c
Baird & Reed—f
Barlow B A—f
Benedict L—f c
Bolton M V & Co—f c
Brokaw H N—f
Burkhalter L D—f c
Cook D C—f c
Davis & Sinclair—f
Dickerson O E—f
Doolittle A A—f
DuBois J A—f
Dula A W—f
Giberson T M—f
Gray R D & Co—f c
Greene C G—f c
Hedin M J—f
Higley F M & Co—f c
Hill J W—f 1 c
Janda V—f
Johnson E C—f
Johnson J C—f
Lantstrum C C—f
Lawler James E—f
Mally F C & Co—f
Nehls H L & Co—f c
Niles & Proctor—f
Pattie & Kristensen—f
Powell Wm P—f 1 c
Preston I M—f
Reynolds W A & Co—f
Rogers T P—f
Safely R I—f c
Soulter H B—f 1
Snyder R H—f
Van Vechten C D—f
Whilock T J—f c
Winter E W—f
Wisner & Whipple—f c
Wyckoff H E—f

IA.—Con.

CENTERVILLE

Appanose Abstract &
Title Co—f
Ashby J C—f 1
Crawford A D—c
Cushman E—f
Davidson A G—f
Faulkner W D—f c
Fekner L A—f c
Greenleaf H L—f
Hays W B—f
Holman W H—f
Howell Max—f
Law Bros—f
Leslie J C—f
Patterson L—l
Ruse W G—l
Speers A P—f 1 c
West E O—f 1 c
Wilks P B—l c
Wooden C R—f c

CENTER POINT

Dunbar Geo—f
Haverly J J—l
Wilson L L—f c

CHARITON

Culbertson H—f
Gookin A B—f c
Hass Chas—f
Hickman James—f
Penick Lloyd—f
Storie E H—f c
Thielkela J D—f

CHARLES CITY

Atherton E B—f
Balwin H C—f
Bentley E J—f
Blunt G C—f c
Ellis M W—f c
Eunis E S—l
Fitzgerald H J—f
Fluent Walter J—f 1 c
Goddard S C—f
Guiwits P R—f
Heddens Jones—f
Helgen Sander—l
Herbrecht W C—f
Iona Title & Real. Co—f
Johnson W B—f
Kellogg C H—l
McCammond R V—f
May Geo E—f
Olds A L—f c
Lovrien N R—f
Summerfield A G—f
Townsend L J—f
Welch Jas B—f c
Winslow L B—f

CHEROKEE

Blanchard F R—f
Brummer Geo—f
Campbell R D—l c
Champion J A—f
Galvin Morris—f 1
Gillette G M—f c
Green Jos S—f c
Herrick & Herrick—f
Huxford E D—f
Jackson F W
Knapp C T—f
McCulla & McCulla
McNeal D W—f
Miller J A—f
Molyneux & Maher
Moore & Chick—f
Mulvaney Wm—f
North Granville—f 1 c
Scott & Huber—f
Scribner R H—f
Smith A—f
Smith C M—f
Smith J D F—f
Smyth R J—f
Stanosheck F J—f

Stanosheck L R—f
Tomlinson Guy J—f 1 c
Wiweke Louis A—f 1

CINCINNATI

Browitt John—f c
Buck Eli—f
Colton G W—f
Mitchel W L—f
Sturdivant J M & Son
—f
Wood Lewis—f

CLARINDA

Bates W V—f
Berry J W—f
Clarinda Investment Co
—f
Cleveland L N—f
Greene & Loran—f c
Iowa Security Co—f
Loranz & Co—f c
Orr Wm—f c
Payton Stephen—f c
Stipe W F—f
Stuart C W—f

CLARION

Alexander & Sanders—f
1 c
Birdsall M F—f
Covert C C—f
Henry C W—f
Humphrey & Humphrey
—f
Linebarger John—l
Nagle C J—f
Peterson Mr—f
Richards A—l c
Rogers J A—f
Weber & Smith—f c
White E B—f

CLEARLAKE

Ames W A—l
Campbell D H—f c
Clear Lake State Bank
—f
Halverson Henry—f c
Marsh Joel E—f
Matthews Bert—l
O'Neil Mrs Agnes—l
Palmer John—f c
Palmeter H E—f
Pinkney Chas A—l
Rogers F M—f
Rogers Lloyd—f
Smith A A—l
Young R S—f

CLINTON

Barker L W Co—f
Briggs A H—f
Buell Wm E—f c
Carroll Bros—f c
Darling & Bever—f 1 c
Dolan J J—l
Fink J E—f
Grote J F—f 1
Holleran F L—f
Holm & Otto—f c
Jefferies J Q & Co—f 1 c
Judge J W—f
Keefe W J—f
Langan R C—f
Moran J E—f
Murray T R—f
O'Connell Wm—f
Paddock & Dieckmann—
f 1 c
Richardson John—f
Richardson H D—f 1
Ries L L—f
Root C L—f c
Seaman S C—f c
Seymour B R—f
Shepard D H—f
Sutton L F—f
Walsh Bros—f
Ware Fred E—f 1 c

COLFAX

Chapman & Gill
Hahn & Steuffer
Hogendorn Land Co—f c
Hogendorn W H—f
Penquite M E—f
Smith Chris—l
Wells W B—f

COON RAPIDS

Bowman C B—f c
Branan John—l
Browning C C—f 1
Cooney M M—f
Esdohr J H—f
Greenwaldt A F—f
Harris C M—f
Holliday G W—f
Morris C E—f
Smith John W—f c

CORNING

Chubb W C—f
Lavelly Brothers
Westrape H E—f

CORRECTIONVILLE

Bailey Geo A & E C—f c
Edmunds Earl—f c
Erwin B—f
Logan E C—f c
Mumford J T—f c
Page & Dubois—f c
Schneekloth E—f c

CORYDON

Day J W—f
Dennis W E—f
Draper Mr—l
Fry F B—f
Garrett H F—f
Green J K—f
Poston & Murrow—f
Rea E A—f c
Scales E H—f
Smith D J—f
Sutton O B—f
Tedrow & Richard—f

COUNCIL BLUFFS

Arnd Wm—f
Bell & Mulqueen—f 1 c
Benjamin W—f
Binder H W Co—f c
Casady J N Jr Co Inc—
f 1 c
Greenshields & Everest
—f
Hendricks F—f
Hughes J J—f
Knox Ohio—f
Lougee—f
Lutz J I—f 1
Officer Chas—f
Paschel Chas—f
Schnoor F J—f 1

CRESCO

Barker W L—f
Burker A E
Church Edwin—f
Converse A B—f c
Cray, A R—f
Cutting J A—f
Durgin N S—f c
Eaton L E—f 1 c
Emmons L E—f
Farnworth E P—f
Luers J H—f
Mueller John—f
Smith Andrew—f
Thompson E R—f
Thomson R M—f
Tilson W H—f c

CRESTON

Brennan Pat—f
Brown R—f
Bryan Jas A—f 1

Burns Roy E—f
Carson John M—f
Dougherty T S H—f
Golden J A—f 1 c
Golden S W—f
Goodwin C A—f
Harrison W—l
Hoffman G M—f
Ide Geo A & Son—f
Lutz M—f
Malone M J—f
Maxwell W T—f
Nelson & Harkness—f
Nelson Chas—l
Patt W N—f 1 c
Rhine C A—f
Russell John & Son—f
Skinner Scott—f 1
Slaughter Chas—f
Smith H—f
Stearns J a—f
Stryker C S—f
Willis A A—f c
Wilkins S N—f

DAVENPORT

Ball S G—l
Bears J N—f
Becker O—l c
Bemis Fred P—f 1 c
Bemis Wells A—l
Benkert W—f
Birtness & Hoelmer—f
Bischoff & Kuehl—f c
Bischoff Ed—f
Brown A W—l
Camp H F—f c
Cannon Geo W—l
Coleman E N—l
Davenport Real Estate &
Ins Co—f
Dougherty Thos—f
Faerber A—l
Ficke Gustave H—f
Flatten V R & Co—f
Gardner S—l
Grimm F—l
Hackett G M—f
Harrison Real Estate Co
—f
Heesch-Carstens & Tall-
mon—f
Horne Dan B & Co—f c
Jacobs J H—f
Kennedick J E—l
Kinnavey J J—f
Kuehl O—f
La Claire J A—f
Le Buhn Carl—l
McIntyre C C—l
McLeod Jennie—f
McStewart W—l
Meyer, Ellsworth & Co—
f c

Moran M—f
Moses M—f
Parsons Alfred—f
Perry F H—l
Petersberger A—f
Priester A—l
Rice A—l
Ruhl & Mittlebuscher—
f c
Sisson F D—l
Snider, Hynes & Watts
—f 1 c
Sorrowfree & Son—f
Sternsdorff Geo J—l
Toher H J & Co—f c
Turner C A—f
Vogt H C—f c
Vogt H H—f c
Weir & Meier—f c
Williams H L—l
Yost J F—l

DECORAH

Abbey & Son—f
Abbey W F—f
Adams F P—f
Couse L L—f

Enger L M—f
Freeman A W—f
Jayne T A—l
Kennedy F—f
Paine Herbert—f l c
Vance A N—f c
Waterbury E A—f l
Weiser C J—f
Whelan Miss A C—f
Whelan P H—f

DENISON

Bleaman H—f c
Boynton D L—f c
Cochran E T—f c
Gulick E F—l c
Helsley Albert—f
Hoffman F S—l
Jones J P—f c
Jones M E—f
Klinker P J—c
McHenry Sears—f l
Miller J W Jr—f
Neave Geo—f l
Richardson Bros—f l c
Seaman L—f
Shaw & Kuehnle—f c

DES MOINES

Alverson H C—c
Anderson C N—l
Bailey A J—l
Baird-Taylor-Crawford-
Lewis Co—f c
Ballard Wayland C—f c
Blum J A—l
Bowles W D—l
Bream E D—l
Bright J E—f
Buck G M—l
Cavanagh B J—c
Christie J T Co—f c
Clancy & Co J P—f c
Clapp J C—l
Corbett C D—f
Corley D W—l
Day & Dale—c
Deming M M—l
Derfner E G Co—f
Dudley M L—f c
Edson L D & Co—c
Eddy J A—c
Ellis & Holland Co—f c
Farnsworth G M—c
Fisher Claude—l
Fleming Bros—l
Ford Ins Agency—f c
Gould C B—c
Grissold H J—f
Guthrie Donald R—f c
Harrison W H—f
Hazard & Chesley—f c
Hess J W—l
Holton G W—f
Horton Frank—f
Hughes Geo W—l
Ins Service Agency—c
Jester Joshua & Son—f
Kelly Elton C—l
Kreh John Jr—l
Lambert E E—l
Lantz H H & Co—f c
Lenning C E—f
McCarthy J H—l
McCutchen & Verran
Co—f c
McFarland J M—l
McGuire H H—f
Maher J P—c
Miller Chas E—l
Noble F H—c
Noe C J—f
Ortmy Robt—l
Page W E—f
Patterson E A—l
Percival-Porter-Ford Ins
Agency Inc—f c
Realty Clearing House
—f
Robertson C G—f
Roddy A T & Co—f

Rumsey Bros—l
St John W—l
Shaw M M—l
Spencer F A—l
Stoll S F—c
Stribble F C—l
Treynor I M—l
Tuttle Joel—f c
Union Ins Agency—f c
Upham Bros—c
Van Slyke-Dorsey Co—f
Waller B N—l
White W H—l
Wilcox, Howell & Hop-
kins—f c
Willis C H—l
Witmer & Kauffmann—
f c
Woodbury G W & Co—
f c
Young Fred S & Co—f c

DE WITT

Armentrout D—f
Christensen C C—f
Hines Wm—f l c
Howes John W Jr—f c
Lambertson G W—l

DUBUQUE

Abein A P—f
Beckett Fabian—f
Bradley & Maclay—f
Brown W J—f
Curry S A—l
Chamberlain I C—f
Coates & Robinson—f l c
Connelly W J—f
Cottingham Dixon—f
Early J P—f
Felgner Emil—l
Fitz Al—f l c
Garland J C—l
Hammond W A—f
Hayes Jas A—f c
Johannsen Land Co—f
Kemler R W & Co—f l c
Kretschmer & Lee—f l c
Kunz J F & Co—f
Lange Otto F—l
Lenihan Dan—f c
McCullough M J—f l c
Mettle Land Co—f
Murphy David—f c
Murray J J—f
O'Rourke John—l
Pier Elizabeth—f
Reynolds Chas H—f
Rice S J—f
Salot Harry—f
Schrup N J Agency—f
Spensley & Spensley—f
Traub & Felgner—f c
Trewin C B—f
Voelker C A—f
Wallace Miss Ida—f
Weihe Franz & Co—f
Whatmore J—f
Wilkes A H—l

DUNLAP

Baily M B—f
Barrett & Van Slyke—f
Brace M P—c
Cadwell & Cadwell—f l c
Curtis F W—f
Jordan A N—f
Lantz Adam—f
Moore L K—f
Robertson R W—f
Taylor A B—f l
Van Slyke W H—l

DYERSVILLE

Dentmeyer F—f
Gehrig D A—f
Gehrig H A—l
Ham Geo—f
Henselman Ben—f l
Kremer Henry—f

Kramer J H—f l
Loosbrock Wm C—f l c
MacHogan W—f
Oehler Henry—f l c
Russell C B—f
Schemmel B J—f l c
Schneider John—f c
Utt Anna M—f
Weidert John—f
Willenborg H B—f

DYSART

Bates H K—f l c
Moeller Ervin
Schmidt F H—f
Warsaw John—f

EAGLE GROVE

Andrews F B—f
Baker J K—f
Clark L J—f l
Flynn Sylvester—f
France R—f
Henneberry J W—f
McGrath J W—f
Paine J S—f
Rudy J M—f l c
Schaffter E—f c
Wehrheim Wm—f
Williamson S H—f c
Yearons A—f

EDDYVILLE

Miller Harry—f

ELDON

Davis & Smith—f
Finney C W & K S—f l c
Owen G A—f l
Taylor W G—f
Varnum J E—f

ELDORA

Brownell C F—f
Burling C—f
Carpenter N S—f c
Davis & Cameron—f
Follett L M—f
Hardin H C—f l c
Murray & Crossan—f c
Newcomer C S—f l c
Syverson S—f
Whited S—f

ELKADER

Barnard H H—f l
Davidson W W—f
Fitzpatrick M—f
Gifford G M—f c
Kramer J A—l
Pahlas H C—f l
Preston W A—f
Reimer Wm—f
Schulte G H—f
Wilke G H—l

EMMETSBURG

Baker Geo H—f
Bickford S—f
Brown M L—f
Brown W J—l
Burt A J—f c
Duffy J A—f
Linderman W L—f l
Menzies John—f
Morling W H—f
Ormsby A S—f c
Schooley Jas E—f l
Slater James A—f
Steig Geo O—l
Steuhmer L—f

ESTHERVILLE

Anderson Ole—f
Coon B M—f
Kirby J P—f
Ladd W A—f
Littell J P—l
Person & Pitcher—f

Rhodes F H—f
Rhodes W T—f
Schloeman M H—f
Stanley I C—f l c
Walker W W—f

FAIRFIELD

Crail & Crail—f
Cummings Frank S—
f l c
Dole Wilbur—f
Dougherty Mrs—f l
Green A L—f c
Hufstедler John—f
Huglin John A—f
Jacques A W—f
Johnson M J—f
Jones Miss Kate—f
Jordan A G—f
Keltner H B—f c
Leggett & McKemy—f
Mendenhall L—f
Mullinx A B—c
Munro Ralph H—f
Peebler J F—l
Ready J F—f
Ross W G—f
Simmons E F—f
Smith W C—f
Thoma & Thoma—f
Wilson David B—f
Wilson Jas F Jr—f

FARMINGTON

Carr Frank D—f l c
Caulter W H & Co—f c
Ketcham B F—f l
McCormick W D—f
Price Jno R—f

FONDA

Bradshaw Z C—f
Clancy J W—f
Ellis E R—f
Fairburn E H—f
Fairburn F A—f
Jordan J E—f
Jordan S T—f l
Linnan C F—f
McCreery J F—f
Mullen D W—f c
Royer Melvin—f
Wood Lucian—f
Wood W C—f l

FOREST CITY

Brown H A—f
Brunsvold & Nelson—f
Kelley Ed—l
Olson John—f
Peters J A—f
Secor Willard—f l c
Thompson Bros—f
Wartchow E C—l

FORT DODGE

Anderson I L—l
Barton J J—f l
Burnam Lisle—f
Butler & Rhodes—f
Cook E F—l
Coughlin & Hackett—f
Doud Robt P—f c
Drake Mrs Carrie M—
f c
Dwyer Edward—f
Flaherty T F—f c
Greene H G—l
Guth Geo W—l
Hairst M J—f c
Harty J C—f
Keith M V—l
Kitchen R W—l
Mack E P—f
Mahoney Chas—f
Merritt W N—f
Minogue F C—f c
Nugent P F—f
Parker S R—l
Peterson C A—l

IA.—Fort Dodge, Con

Pickett Jno H—c
 Pickett Miss Luella S—
 f c
 Pratt H M—f c
 Saxton Burton H—l
 Smita David P—l
 Thomas & Busby—f
 Vaughn P T—f c
 Weiss H L—f c
 Welch A H—l
 Williams E M—f

FORT MADISON

Authes Bros.—f l c
 Downs John—f l c
 Frueling Chas—f
 Gardner R H—f
 Heitzman Bros—f
 Hopkirk & Payne—f l c
 Kaaten Chas C—f l
 Kiel & Schroeder—f
 Masden H H—f l
 Nunn Ralf—f
 Person Albert—f l
 Scherfe W A—f l c
 Steovener Theo—f
 Traverse A H—f l
 Wilken Frank H—f

GARNER

Blackstone F E—f c
 Fell M A & Co—f
 Hanson F M—f
 Ramsay J W—f
 Ramsay W H—f
 Sweigard Isaac—f

GLENWOOD

Carey Chas E—l
 Chamberlain C—f
 Edwards C W—f l c
 French H A—f
 Jackson E C—l
 Johnson E G—l
 Lambert A—f
 Lumner Geo H—f
 Mayberry Guy—l
 Otio Carl—f
 Otis Howard—f
 Rathke Will—f
 Records T Q—f
 Zummer Geo H—f

GREENE

Green C M—f
 Hartness M—f
 Mead B N—f l
 Mitchell James G—f
 Pfautz F J—f l c
 Soesbe C W—f l
 Squires L—f
 Stober F L—f l
 Weston C B—f c

GREENFIELD

Brooks J E—f c
 Burrell J A—f c
 Crowley D A—l
 Martin F D—f
 Portersfield & Brown—f
 Williamson W H—f

GRINNELL

Ashing Chas—l
 Beyer C W H—l
 Beyer H L—c
 Brainard D W—f c
 Bryan J & Son—l
 Bray & Shifflett—c
 Buchanan & Smith—f l c
 Burnett H C—l
 Carter W J—l
 Creamer Carl—l
 Critchett Geo B—f l c
 Decatur C E Jr—f l c
 Evans John—f l
 Field H A—f c
 Hannah Robt—l

Lanphere Harry F—f c
 Lyman H G—c
 Marvin & Cessna—f c
 Moore J G—l
 Mullin J J—l c
 Noll T J—f c
 Ross G M—l
 Sears Guy W—f c
 Swaney & Hubbard—f l
 Welch Murray—l
 Wright W E—l

GRISWOLD

Arrasmith A G—f
 Knop C Otto—l
 McCarthy E C—f

GUTTENBERG

Borman A H—f c
 Eckart J P—f c
 Eckart Oscar B—l
 Eilers John—l
 Frank V W—f
 Growney Jas—l
 Ihm Bros—f
 Overbeck H J—f
 Scholz Chas E—f
 Schoper H W—l

HAMBURG

Campbell Chandler—f
 Campbell R C—f c
 Cilley P J—f
 Cunningham S B—f c
 Franklin B G—f
 Morgan N G—f
 Rodgers T H—f
 Thompson F L—f

HAMPTON

Beed A W—f
 Clark A L—f
 Clock E E—f c
 Haecker E D—f l c
 Hemmingway J M—f
 Inglis N A—f
 McCrillis G T—l
 Mallon J N—f
 Meyers O F—f
 Ridgeway F H—f
 Robinson Bros—f
 Salisbury C E—f
 Savidge Wm—f

HARLAN

Beems I W—f
 Colburn W K
 Cullison Shelby—c
 Franklin Thos N—f
 Hertert E M—f l c
 Hertert John P—c
 Hetzel J C—f
 O'Neil Chas—f l c
 Pickard L H—f c
 Swift C F—f c
 Whitney J B—f
 Wyland O P—f c
 Wyland W W—f c

HARTLEY

Davis W J—f
 Haynes John—f
 Knaack G E—f
 Patch Frank—f
 Shuttle Jed—f

HAWARDEN

Gearhart & Son—f
 Plank C A—f
 Ring A—f
 Smith & Slife—f l c
 West W E—f

HEDRICK

Foster Jno C—f
 Jennings Jas J—f
 Martin C J—f l c

HITEMAN

Dinsmore H A—f l c

HUMBOLDT

Combs C—f
 Garfield G S—f
 Hayes R C—f
 Lovrien F C—f
 Smith W J—f
 Stoddard F H—f
 Strong Wm—f
 Taft Wm J—f c
 Wiser Geo—f

HUMESTON

Berry J L—f
 Clark G L—f
 Doze J E—f
 Goodrich D P—f
 McKibben F T—f

IDA GROVE

Babcock F D—f
 Bowman E G—f
 Easton J E—f
 Hartley A—f
 Hubbard G C—f
 McDonnell C J—f
 Moorehead H A—f l c
 Reese J M—f
 Smith Leonard S—f
 Wilcox Wm Mf

INDEPENDENCE

Bartle Miss Carrie—f
 Beatty A G—
 Campbell A R—f c
 Cilley J L—f l c
 Foster Chas—f
 Jayne M L—f l c
 Keane Rich—f l c
 Kemmerer I C—f
 Luther A R—l
 Lyon A J—f
 McGuire Dora D—f l c
 Rigby A G—l c
 Todd A N—f
 Woodruff Geo S—f l c

INDIANOLA

Briggs C C—f
 Brown & Schrier—f c
 Burns H F—f
 Goodman & Sams—f
 McCoy K M—f l c
 v & Jackson—f c
 Park Mel W—f c
 Proudfoot A V—f
 Ripper W W—f c
 Speer Geo—f
 Summers D W—f
 Tidball S H—f
 Weldin J—f
 Whitney J H—l
 Wilson W M—f
 Winning O T—f

IOWA CITY

Bailey H L—f l c
 Berger Will—f
 Brennan Thos—f
 Brooke J H—f
 Cochran F J—f c
 Donohoe Miss Kate—f
 Dvorsky J W—f l c
 Hohmann W F—f
 Holland J W—f l c
 Horak F J—f
 King A & Son—f l c
 Lee I B—f l c
 McDonald W J—f l c
 Maher Margaret L—f l c
 Meardon A E—f
 Meher D—l
 Murphy Mr—f
 Murphy T E—f
 Otto J M—f
 Poser Bros—f
 Reese D A—f
 Royce F B—f
 Scales Nat—f
 Shrader C C—f l
 Stevenson S R—f

Stouffer J C—f l c
 Swire Roger—f
 Swisher S E—f c
 Welch C S—f
 Wilson Edwin B—f

IOWA FALLS

Burlingame C H—f l
 Foster F E—f c
 Hall H B—f
 Otterbach A C—f
 Peet F D—f l c
 Rowe D W—l
 Welden W E—l
 Woods W H—f l c

JEFFERSON

Anderson S B—f c
 Brown P O—f
 Culbertson S C—f
 Flack S—l c
 Fitz J W—f
 Forbes J M—f c
 Gilliland A S—f c
 Harding Harry M—f c
 Harper Ruth M—f
 Henderson J A—f
 Henderson J W—f
 Milligan F A—f
 Mogan T A—f l c
 Reimann John—f
 Sayers S J—f
 Wilson & Alberti—f c

KEOKUK

Collision Henry—f c
 Field Louisa B—f c
 Heaslip H A—f c
 Hobbs & Blood—f c
 Hobbs John W—l
 Hubert W J—l
 Johnson C—l
 Johnson C—l
 McKay V R—f l c
 Overton Agency—f c
 Pyle N H—f c
 Sheppard L D Jr—l
 Tumulty John—f l c
 Van Papelondom J B—f
 Wylie A M—f c

KEOTA

Cummings Fred H—l
 Gilbert Ed C
 Graham J F—f c
 Kirkpatrick W Craig—f
 Newton H P—f
 Smith Fred—f

KNOXVILLE

Brobat A B—f
 Brobat B H—f
 Garretson I H—f
 Ghrist W N—f l
 Johnson S C—f
 McCoy Arch—f
 Roberts J J—f c
 Welcher A—f

LAKE CITY

Brooks R F—f
 Easton T M—f
 Freeman J N—f
 Fuller C E—f l c
 Green C H—f l c
 Hibbs J D—f
 Hutchinson G G—f l
 Lillard V W—f l
 Smith J B—f l c
 Townsend E W—f l c
 Townsend R F—l

LANSING

Conway J P—f c
 Gaunitz H F—f
 Intlekofer Otto—l
 Kerndt G M—f
 Kerndt C W H—l c
 Kerndt M Jr—f
 May & Dampsey—f
 Miller R G—f c

Nachtwey F J—f
Nielander & Co—f
Powers John—l
Saam W F—f
Serene Chas R—f c
Thomas B F—f l c

LA PORTE CITY

Ashley E R—f
Ashley Roy E—f c
McQuilken W T—f
Simpson E—f
Stebbens Geo E—f
Van Valkenburg A—f

LE MARS

Alline A A—f
Bedell E T—f c
Bogen Joseph—c
Buchanan F H—f
Colledge A C—f l c
Demaray A C—f
Duss A M—f l c
Gaynor S A—l
Hoyl Fred—l
Keenan J F—f
Keenan J T—c
Koehler R J—f c
Koenig J G & Co—f
Martin H—f
Miller N—c
Minick A A—f
Woodke P K—f c

LEON

Arnold T S—f
Gammill M A—f
Pease Louis—f
Townsend F A—f c
Varga Stephen—f
Wallace T A—f
Wright C F—f c

LUCAS

Baker N F—f l c

MANCHESTER

Arnold H F—f c
Blair Fred B—f c
Carr E M—f
Carr Hubert—f l
Cary F F—f l c
Clemans Hugh—f l
Dunham George W—f c
Hoyt W D—l
Huene O E—f
Hutchinson J H—f
Keagy C W—f
Long W H—f
Marvin R M—f
Mathews Will—f
Norris W H—f c
Pierce C A—f
Richardson Fred—f l c
Stiles E B—f
Tirrill & Pierce—f l
Torrey C O—f
Yoran Calvin—f
Yoran M J—f

MAPLETON

Anthony A J—f
Chapman C L—f
Lutz T O B—f
Quick Edwin—f
Rice Geo A—f
Smith V—f
Welch & Jacobson—f
Wengert H G—f c

MANNING

Rabcock E S—f l
Eden C J—f
Emmons O W—f c
Jones P H—f l c
Parrott W B—l
Perry E C—f
Rogers Douglas—f c
Seivers Henry—f
Siemen P W—f l

Sutherland R G—f
Tate & McLaughlin—f l
Wheeler R H—f
Wiese Land & Invest Co
—f l
Wilson R H—f
Wohlenberg F W—f

MAQUOKETA

Ellis G—f
Ellis Jas W—f
Farr C W—f
Fletcher D A—f
Gregory Fred C—f
Gregory J W—f
Gregory W C—f
Heide Sam—f
Hoyt Robert—f
Hubbell H B—f
Kaler John—l
Kaler Peter—f
Keck F H—f
Keck Walter—f
Kelsey & Sokol—f l
Kelsey F D—f
Kulmer E J—l
Mahony H E—c
Mitchell Geo—f
Myatt F W—f
Palmer W H—f
Ralston James—f
Stephens Ralph—f
Swaney Lon—l
Thomas Chas M—f

MARENGO

Clements I W—l c
Colson B F—l
Engelbert J C—f
Goldthwaite H E—f c
Hipp A P—f c
Lewis J H—f c
McLennan Alex—f c
O'Neil T F—f
Owen & Thompson—f
Simmons M A—f
Sullivan E J—f
Van Boskirk Robt—l c
Vette A M—f

MARION

Anderson Fergus L—f
Biggs & Pearson—f
Courtney M W—f
Dahms E J—f
Davis T J—f
Eagat E J—f
Evans & James—f
Freeman John—c
Gillmore Florence Harris
—f l c
Gray J M—f
Griffin P S—f
Holloway H G—f
Holmes George—f
Ingersoll & Cleveland
Jackson W T—f
Kocher J—f
Lillie Geo E—f
Millen H G—f
Pratt Harry—c
Roberts Ray—f
Robinson C A—f
Sherer Oscar N—c
Shanklin C S—f
Shumack F A—f
Smyth Robert—f l c
Stamey D A
Todd G W—f l

MARSHALLTOWN

Battin William—f
Bell S C—f
Blue T C—l
Carl F W—f
Clark W M—f
Coburn John—f
Coleman C M—l
Crawford W L—f
Ellis H M—l
Forbes I T—l

Gay A E Co—f
Houghton F H—f
Johnson A G—l
Johnson Samuel P—l
Kimberly Wesley C—f
Leech W E—f l e
McCormack J S—l
McMahon H R—f
Millard I S—f c
Mitchem John C—l
Monohon John O—f
Nelson W M—l
Norris Geo R—f
Nugent G S—f
OBryon M M—c
Russel David—l
Shove H W—l
Treat A M—f l c
Van Orman & Van Or-
man—f c
Webster & Son—f c
Welch Marie—f
Whitaker J M—f
Willigrod E—f

MASON CITY

Adams J W—f
Bagley W G C—f c
Barber F L—l
Beck Bros Co—f
Burns R R—l
Chambers F W—f
Davis Collecting Agency
—c
Drake S D—l
Duffield S P & Sons—f c
Farrer V P—l
Finch & Gillpin—l
Fleming E E—l
Franke Land and Invest-
ment Co—f c
Gage F H—f c
Gale A H—f
Harlan A B—l
Hill G H—f
Hill L A—f
Holman Land & Insur-
ance Co—f
Jackson O A—f
Kehm P H—c
Kimball & Hayes—f
Kirschman F A—f
Kneisel A W—f
Loomer C—l
McNider C H—f c
Mason City Loan &
Trust Co—f c
Mason City Realty Co—f
Miles W E—l
Moncrief J J—l
Nicholson C R—f l
Norris & Irons—f c
Parker C A—f c
Paul Frank—f
Phillips L W—f
Pratt E E—l
Schanke A W & Co—f c
Schneider S A—f c
Smith & Pattie—l
Smith Earl—c
Smith R P—f c

MCGREGOR

Chapin & Spaulding—f
l c
Geske M X—f
Walker C W—f l c

MECHANICSVILLE

Bundy O M—f
Gibbeart H E—f
Kennedy L L—f
Lynch C J—f
Maurer N J—f
Onstott J H—f

MISSOURI VALLEY

Barrett J B—f l
Kellogg Geo—f
McLaughlin Ras—f c
Roden W J—f
Sketton J—l

MONROE

Bateman Fred E—f
Chippa F D—f
Ible Henry—f
Jarnagin Jasper—f
Kipp Geo C—f
Livingston W M—f

MONTEZUMA

Bechly Frank—f
Caster Thos—f l c
Clark Chas W—f
Griffin C J—l
Gross Jake—f l c
Harper E V—f
Hawkins Geo—f
Jones Ed—f
McGill A C—f
Smith S E—f
Thorn L E—f
Vett J W—f

MONTICELLO

Ainsworth T E—f l
Houser J S—f l
Locher J J—f c
Pond J E—f l c
Voorhees J A—f
Waddick L P—f l c

MOULTON

Garcy Effie—f
Powers H P—f
Walker E A—f
Willett W J—f

MOUNT AYR

Beall R S—f
Beard H C—f l c
Davis J H—f
Finley Geo H—f
Lewis & Sons—f
Liggett J H—f l
McMaster E C—f
Parsons Henry—f c
Smith R C—f
Wyant G A—f

MUSCATINE

Bishop W F & Co—f c
Borger S A—l
Burnside Ed O—f
Coster J C—f
Eversmeyer F W &
Louise—f c
Fitzgerald T R—f
Havercamp M—f
Horst H D—f c
Kemble & Kemble—f c
Madden & Madden—f
Mark J B & Son—f c
Metzger H W—f
Robbins J A—f l c
Rosenberger N—f
Thompson Mrs Ella—f
Titus Loan & Invest-
ment Co—f l c

MYSTIC

Delay Frank—f l c

NASHUA

Bauder C H—f l
Dexter H T—f
Gary N E—f c
Getsch W F—f l c
Kout A L—f c
West Frank—f

NEOLA

Bardley J G—f
Bawm W C—f
Cotter E F—f
Hegarty J R—f

IA.—Con.

NEVADA

Alderman U S—f
Atkinson—G W—f
Bricker & Bricker—f 1 c
Burroughs J H—f
Dayton A L—1 c
Dutton J G—f
Fitchpatrick W P—f 1 c
Fumil W W—1
Gillespie J F—f 1 c
Grove D M—f
Hadley & Langland—f
Hanson F E—f 1 c
Kudson J—f
Larson J R—f 1 c
Smith W S—f
Wells John M—f
Welty B B—f
Wydeil A O—f

NEW HAMPTON

Bigelow G M—f c
Brown F W—f
Condon T B—f
Darrow W L—f
Feyerabend R—f
Geiser M E—f
Kenyon C—f 1
Larson C A—f
McFarland O A—f 1
Nehl H P—f
Nugent W J—f
Sanduskey J W—f
Schultie Theo—f
Shaffer Bros—f
Smith, Curtis & Reilly—f
Stebbins Miss E C—f
Strike Frank—f c
Tooley John—f

NEWTON

Allfree H B—f
Brunner J G—f 1 c
Cavell J F—f 1 c
Clark D L—f
Coon J Lindy—f
Coon Oscar—f 1 c
Earley E L—f
Eberhart D J—f
Fugard J H—f
Gebhardt M C—f
Guessford W M—f
Hindorff & Woodrow—f 1
Kennedy Fred—f
Morgan & Korf—f 1
Reed L D—f c
Smith Julian A—1 c
Stamper Miss Virgie—f

NORA SPRINGS

Miller J B—f c
Moody E C—f 1
Schneider H F—f c
Waterbury O P—f 1 c

ODEBOLT

Bay W F—f
Helsell W A—f
Johnston S P—1
Ketterer Jno H—f 1
Mattes J R—f 1
Schmitz Bros—f 1

OELWEIN

Ayers W S—f c
Beebe C A—f
Bogart J A—1 c
Doctor L J—f 1 c
Elder M M—1
Erdman Hattie—f
Hanson T L—f c
Larson O P—f 1 c
Little B B—f c
Paul Al—1
Ross J R—f
Smith Bros—f c
Young R L—f

OGDEN

Heldt Claus—f
Kruse William—f 1
Porter Frank—f c
Rosen Walter—f c
Williams J T S—f c

ORANGE CITY

Behrend Jno F—f
Brewster George W—1
Klienjan P—f
Lohr F J—f c
Lohr A W—f
Roseboom Wm—f
Schultz W W—f 1
Slikkeveer H—f c
Snyders L—f

OSAGE

Annis J W—f
Bartlett Lynn—f 1
Bartlett H G—f c
Bush F C—f
Darley E L—f
Johnson K J—f c
Knowlton L W—f
Kugler A A—f
McGann Hugh—f
Monahan Pat—f
Roberts A E—f
Sawyer C L—f c
Schuyler John—1 c
Stoughton H L—f c
Union Real Estate & Ab—
stract Co—f c
Spoonin Carl V—f 1 c

OSCEOLA

Anderson Vernon—f
Barnard W S—f
Barnhill Frank—f
Bebout S R Dr—f
Fleming Bros—f
Harper W E—f c
Johnson W C—f
Lewis R M—f
McAuley Mrs Alice—f
Marquin Clarence—f
Miller C L—1
Temple W N—f
Trent T A—f

OSKALOOSA

Bell Fred A—f 1 c
Bennett M E—f
Cowan & Hambleton—f c
Dutton S J—f
Glasure H O—f c
Gordon Claire D—f c
Harrold J G—1
Hedge Manoah—f
Johnson Carl—f c
Jones W G—f
Keating Wm H—f
Kent R A—f
Mendenhall L H—1
Moorman Mark W—1
O'Hara Ralph—f c
Parker Henry D—f
Phelps Chas—f
Ream J T—f
Shangle L T—f
Shaw W H—f c
Winter Chris—f
Wright B A—f

OTTUMWA

Acme Loan Co—f
Alley H J—c
Anderson Oscar—1
Archer W T—1
Baer F P & Son—f c
Bayliss W J—f
Campbell-Wellman Koett
Co—f c
Christie W S—f
Corrick T H & Son—f 1
Creswell F B—f 1

Criley Ben—1
Curran J V—f
Diltz G M—c
Edmunds M L—f c
Elliott W D—f
Haw George—f 1
Hull J E—f c
Keating W H—f 1 c
Linton W C—1
McElroy Ralph—f c
Mitchell John H—f
Nimocks Frank A—f 1
Norton & Smith—f
Phoenix Trust Co—f c
Porter C C—1
Reynolds A L—1
Smith J J—f

PANORA

Evans E—f c
Ferree C F—f c
Goetzman G A—f
Morris J W—f 1 c
Reynolds M M—f 1
Spurgen Wade—f

PELLA

Baron S B—f
Bloem Mrs John—f
Cole C N—f
Cook Ed S—f 1 c
Cook W W & Son—f 1 c
Dieleman John R—f
Jelsma S J & Son—f
Stubenrauch F—f
Thomassen & Thomassen—f c
Van Sittert Peter—f
Van Spanckerm B H Jr—f
Van Vliet J H—f

PERRY

Ahrens George—f c
Dunlap Z B—1
French L A—f c
Giddings Minne—f
Hall J D—f
Haskins A D—f
Heiss A W—f
Holliis C M—f
Melick G R—f 1
Modlin H C—f
Steltzer H I—f c
Thornburg L B—f 1
Ward H P—f 1 c

RED OAK

Bryant J C—f c
Burke N W—1
Carry E M—1
Cook J S—f
Delaven N—1
Gibson Edwin—f 1 c
Gillett O T—f c
Houghton H C—f 1 c
Howard O G—f
Montgomery W W—f
Peterson W—f
Remmers O F—f
Shaver B A—f
Shuey & Cook—f c
Stibbens L A—1
Walker J E—1

ROCK RAPIDS

Berg Aug—f
Carpenter W D—f
Dickinson Jerry—1
McGuire J E—f 1
McNab George—f 1 c
Miller Jonathan—f
Miller O P—f c
Partch E L—f c
Peters L G—f
Penman H C—f 1
Pickard E C—f
Pierce H B—f 1 c
Roach E C—f c
Shade Chas—f 1

Spratt Robt—1 c
Sutter F L—f
Wyckoff W C—f

SANBORN

Arnold G—f 1
Daly J H—f 1 c
Jones C—f
Solon W A—f 1 c
Sooop I—f 1 c

SCRANTON

Anderson W W—f 1
Clark B O—f 1
Dunning J D—f 1
Marchant Ed—f 1
Pitcher P P—f 1

SEYMOUR

Fedrow & Allison—f
Jackley A M—f 1 c
Jamison W O—f 1 c
Kerby D H—f 1
Squire John—f
Strome & Merritt—f 1

SHELDON

Benson A H—f
Barragar F N—f
Bloxham F W—f
Clagg W E—f c
Daugherty Chas—f
Daugherty Frank—f
Lindsay & Phelps—c
McIntire I N—f
Myers E B—f

SHENANDOAH

Cutter John S—f 1 c
Ferguson Burnet—f
Hughes W H—f 1
Houett Arthur—1
Lake A S—f c
Nordstrom Fred—f
Ruhlman W A—f c
Sheets Earl—f c
Van Buskirk Frank—f c

SIGOURNEY

Baker Geo B—f
Beatty E—f
Bensmiller A J—f
Clark Hudson—1
Dern W—f c
Gambell W C—f
Goeldner F—f
Goeldner H F—f
Hamilton C C—f
Hamilton W H—f
Heninger C C—f
James Geo—f
Johnson C G—f
Mackey Jas R—f
McVicker J R—f
Rathbun J J—f
Stockman D T—f
Updegraff C G—f
Utterback C C—f
Wagner H F—f
Wiley Jas F—c
Wilcockson K E—f

SIOUX CITY

Andrews R J—f
Ball Miss Mary A—f
Brown & Wolcott—f
Clark M A—f
Dean & Frost—1
De Orsay A L—1
Doughty B F—f
Duns C M—f
Flourney & Lewis—f 1
French Henry—f
Giehm A W—f
Gilman W S—f
Gordon Wm—1
Grundy W F Co—f
Guiney Chas L—1 c
Hewins John R—f

Howe Paul C-f
Hughes M J-f 1
Irvine W D-1
Kerby & Lynch-f
Kloster B J-1
Kneedler C A-f 1
Lacy R H & Son-f
Myer Carl-f
Nicol Paul I-1
Nivling & Haakinson-f
Oakley G W-f 1
Peters, Guiney, McNeil
& Powell Co-f c
Prusiner Wm L-f
Vitzthum J C-f
Weintz Geo D-f

SPENCER

Avery A H-1
Bemis W S-f
Buck & Kirkpatrick-f
Buckley C P-f
Carlson Ed-f
Cook F A-f
Cook W C-1
Cornwall W W-f
Goble Jay-f
Graham Roger-f 1
Green A W-f
Griffin M E
McCord J H-f
McKercher W M-1
McManus & Webb-f
Magee D A-1
Mauss E R-f
Miller J A-f
Morgan E G-f
Rice W R-c
Smith H N-f
Snee J E-f

SPIRIT LAKE

Arnold V A-f
Carlton W F-f
Price Chas-f c
Ferguson F H-f
Tompkins F T-1
Van Steenburg B B-f c
Weigand Lewis-f

STORM LAKE

Ballou L E Jr-f
Bassett T C-1
Bradford S C-f
Buland J E-f
Butler Frank-f
Christopher J W-f
Crouse Harry J-f
Daniels Geo D-1
Eastman Geo H-f c
Geisinger & Clapp-f
Jones Raymond-f
McConnell A R-1
LaGrange D G-f
Mack & Mack-f c
Moore C W-f c
Murray Roy W-1
Schaller Geo-f
Toy P C-f c

STORY CITY

Bartlett Chas-1 c
Donohowe John-f 1 c
Henderson Alex-f
Henderson T T-f
Jessen J C-f
Wellington J A-f 1 c

STUART

Backus John S-f c
Barnett S P-f 1
Drake A F-f
Glover L J-f
Hackthorn H L-1
Hartsell E-f c
Hinkson F O-f
Monahan S-f
Sayer A R-f
Taylor W J-f c

SUPERIOR

Smith J C-f

TAMA

Bartlett E W-f c
Carlson L I-f 1 c
Ferguson H J-f c
Gallagher W S-f
Goodell D E-f
Jackson A E-f
Richards E M-f 1
Sanborn F B-f
Stauffer S M-f 1
Usher A H-1
Williamson T L-f 1

TIPTON

Bartley & Maxson-f 1 c
Beatty Geo E-f
Casterline F J-f c
Dorcas Josia-f
Elwood C H-f
Geiger W G W-f
Gillam E C-f c
Huber H L-f
Neiman C S-f
Porter Chas-f
Rath H H-1
Reeder F L-1
Simmernaker C F-f c
Van Meter W L-f

TOLEDO

Baxter C A-f
Dexter W A-f
Gee F M-f
Green Mr-f
Hutchinson G A-f
Kepler R P-f
Krecek M J-f
Modlin C M-c
Ross J H-1
Smith A C-f
Struble & Stiger-f
Wagoner J A-f
Walters C E-f
Walters J P-f

TRAER

Bryan D E-f c
Findley Elmer C-f
McCormick W G-f c
Norton A J-f 1 c
St John Henry-1
Stoakes T F-f c
Thomas B Frank-f c

VALLEY JUNCTION

Donahy H M-f
Field D H-f 1 c
Hadden & Gavin-f 1 c
Mullane J W-f 1 c

VILLISCA

Boise J S-f
English P B-f
Gibbs E C-f
Glackemyer & Enarson-f
Glackemyer H A-1
Ingman F L-f
Jackson & Hullinger-f
Jones E F-f
Minick P D-f
Woodward W B-f c
Woodward T B-f c

VINTON

Brown Mrs E F-f c
Forsythe J E-f
Knupp D C-f
Marrietta & Bickel-f 1 c
Nerwood-Bunten Agcy
-f
Schaffle J W-f 1
Urlice J T-f

WALNUT

Bunker J L-f c
Burke Ed D-f 1 c
Mosher O-f 1 c
Neff Lewis-f 1
Ronna Otto-f c
Spangler M L-f 1 c

WAPELLO

Beane Miss America-f
Deihl J D-c
Dickson J H-f 1
Hunter M-f c
Hurley W H-f
Kelly J S & Howard-f
Springer Arthur-c
Weber H A-f c

WASHINGTON

Ashby J A Y-f
Benn H W-f 1 c
Brookhart T L-f
Butterfield W H-f
Cocklin S J-f 1
Dempsey George-1
Dewey C A-f
Harvey E R-c
Keeley W M-f
Kellogg J J & S J-f
McCulley Art-f
Morton J W-f c
Rice Mrs Belle-f
Richards Humphrey-f
Sage Frank-f 1 c
Taylor Jno M-f c
White Will-f

WATERLOO

Bates J E-c
Bentley Bros Ins Agcy
-f c
Bickley C S-f
Blackhawk Ins Agcy-f
Blackledge Virgil-1
Bown & Bown-f
Bragdon J E-1
Bronson L H & Son-f
Chamberlain A W-f
Cotton C W-f
Gardiner Co James The
-f
Green C F-c
Hallowell Co-f
Hammond H W-f
Henderson & Weather-
wax-f c
Higdon-Hardisty Co-f c
Hoxie & Brunn-f
Kingsley & Stewart-f
Koepeke F J-f
Lindner C C-1 c
Miller & Jacobson-f
Park L E-f
Rumsey A E-1
Struyer F F-1
Waterloo Ins Agcy-f
Wilson Burton E-f c
Young C M-c

WAUKON

Buckley M J-1
Citizens State Bank-f
Deeney H J-1
Earle C H-f
Eddy Jessie-f
Ericson T T-f
Goodykoontz E W-f 1 c
Hager O J-f 1 c
Haines Joe-f
Hall E J-f
Hancock E M-f c
Hart John J-1 c
Hart Wm S & Co-f 1 c
Hendrick Burt-f
Howe H A-1
Larson A C-f c
McGeough Leo-1
Murphy D J-c
Purdy E D-f

Stilwell & Stilwell-f c
Stone C M-f
Taylor H E-f
Thomson S R-f

WAVERLY

Babcock W H-f
Beasmer A G-1
Bredow O-f
Cullinane Richard-f
Dickinson Earl-f
Grossman G A-f 1
Hagemann & Farwell-
f c
Hazlett J Y-f c
Herrmann R-f
Kasemeier Henry-f c
Long & Kingsley-f
Machling H E-f
Mitchell O H-f
Mooney J A-f
Morey H A-f
Munger F H-f
Ruddick Julian-f
Runyard C C-f
Sager John-f
Scheitelbein E A-f
Van Derveer G O-f 1
Vanderveer H R-f c
Weiditschk W-f

WEBSTER CITY

Berggen J A-f c
Blake J M-f
Boeye A N-f
Cook A A-f
Crosley V C-f c
Currie F S-f c
Ferrell Walter-1
Henderson O J-f
Kamrar & Prince-f
Lee J W-f
McAdow S W-1
McConnell W O-f
McFerren Ruben-f
Miller & Boeye-f c
Morean G S-f
Peterson J-f c
Peterson J L-f 1 c
Porter J D-f
Rood W B-f
Says I J-f
Sparboe H M-f
Sterling J R-1
Thompson G D-f c
Tucker G F-f
Wesley Martin-f
Whitman & Hampton-f
Whitson & Rahto-f

WEST LIBERTY

Aikens Irwin-f c
Beyer E G H-f 1
Hill R H-1
Jones Theo-f
Light Walter-f
Luse & Noland-f
McIntosh J E-f
Mosher Henry-1

WEST UNION

Berkey D M-f
Berkey J J-f
Blackman H B-f
Blunt Harry-f
Dwyer J W-f 1
Earler Edwin G-f
Linbeck Frank-1
Phillips E M-1 c
Rogers W J-f
Woodward R O-f

WHAT CHEER

Bonsall W T-f
Harbison & Legoe-f 1 c
Harding Frank W-1
Windett W C-f 1 c

IA.—Con.

WILTON

Budelier Clarence—f
Harris W D—f
Lang Wm—f 1
Martin Fred—f 1 c
Whitmer Roy—f 1

Wickes F C—f
Wildasin Henry—f
WINTERSET
Beach O E—f
Cornell W J—f
Gilpin T C—f
Green Ellison—f
Hamilton Bros—f

Lochrie S C—c
Lucas W O—f
McCall E E—f
McKee J W—c
Shriver J G—f 1
Smalley W L—f
Stark S W—f
Tidrick L B—f

Vance W H—f
WYOMING
Bronson W W—1
Corbit R M—f c
Evans G W—f c
Jansen P S—1
Overley C C—f c
Tourtelott W H—f c

KANSAS

ABILENE

Anderson G C—f c
Baer C R—1
Cutler J G—1
Deever Roy—f
Gans C W—1 c
Graves J A—f
Howard H—f
Hutton I H—f
Keel J E—f
Makins Edw—f
Malott M H—f
Marts F—1
Nichols W D—f
Southworth H—f
Wyandt C C—f 1 c

ANTHONY

Baker H D—f c
Bird S R—f 1
Couch J E & Co—f c
Day Vernon—c
Fanning T F—f
Heacock & Co—f
Holaday Melvin L—f 1
Jennings Lewis G—f 1 c
McPhee & Howard—f
Wilcox E C—f c

ARCADIA

Davenport J F—f
Fowler J T—f 1 c

ARKANSAS CITY

Branine G W—f
Farrar & Norton—f c
Floyd J N—1
Gould & Bunker—f 1 c
Guyot C C—f c
Heas R U—f c
Moore W E—f
Penfield W C—f 1 c
Pickett, Neal—c
Roseberry & Son—f c
Topliff J C—f c
White R O—1
White Willis—f

ASHLAND

Ainsworth W L—f
Berryman J W—f
Carson C W—f
Gribble S G—c
McFarland R A—f c
Mayse R C—f
Smith W C—f
Stevenson M G—f 1 c

ATCHISON

Adams Bros—f 1 c
Brockett & Co L D—f
Collett W B—1
Converse Inve Co—f
Donald W F—f 1 c
Drury A S—f c
Hanson C H—1
King & Son S S—f
McCrum Jas—f
White Durham—1

ATTICA

Baird A—f c
Bradley J D—f
Day T L—f c
Garrison J M—f
Hilliard A—f c

House M F—f c
McBride A N—f c
Shannon Roy L—f c

AUGUSTA

Brown W E—f 1 c
McCool J J—f
Norris Corn—f
Penley W A—f
Ruland F C—f

BALDWIN

Bristow Wm—f
Clark W M—f 1 c
Hitchcock John—f
Holliday Wm—f
Hoover H J—1
McClure W A—f
Ross J B—f
Webster Dr W H—1
Wise J C—f c

BAXTER SPRINGS

Jones A L—f
Watts W A—f c
Weaver T C—f 1

BELLE PLAIN

Haworth M L—f c
Herbert V E—f
Marshall T J—f
Mordy T R—f
Scudder C E—f c
Sturgis C—f c

BELLEVILLE

Bell W H—f c
Boyd H N—f c
Bramwell G H—f c
Carstensen C P—f c
Stanfield R T—f c
Vance W D—f c
Van Natta Henry—f
Ward N J—f c
West A J—f

BELOIT

Anderson Max—f
Bartleson J W—f 1
Beil L D—f
Chubbick P G—f
Downs T P—f c
Gaylord I W—f
Green J R—1
Hallum J L—1
Jordan A—f
Lowry C B—f
McClintic A C—f
McCracken W W—f
Mead A G—f 1
Mergen Frank—f
Pagett P H—f 1
Pooler Arthur—f c
Rouse J C—f
Thompson Frank—f
Tice Bros—f c
Wilson N L—f
Young I D—f

BLUE RAPIDS

Burket C N—f
Burr & Waynant—f c
Cummings & Thompson
f c
Dewey E F—f c

Holbrook E A—1
Lathrap H C—f
Netz W C—1 c
Rodgers C N—f
Sheldon F D—1
Smith C D—f
Smith M—f

BURLINGAME

Amos & Doty—f
Burke F E—f
East E H Jr
Hayson Wm—f c
Taylor E S—f

BURLINGTON

Burger Andy—f
Cheney H B—f c
Gilman & Gilman—f
Gray W H—f c
Holmes J H C—f c
Lamborn H T—f c
Rudrauff Wm & Son—f c
Woodford Ralph A & Co
—f 1 c

CALDWELL

Bedford & Stump—f 1 c
Brown Mattie E—f 1 c
Devorek Joseph—f 1 c
Globe Realty Co—f 1 c
Griswald W S—f 1 c
Harper & Dial—f 1 c
Keeling H C—f 1 c
Scribner W N—f 1 c

CAWKER CITY

Gengler Peter—f
Higley C M—f 1
Hill S A—f c
King J H—f
Klinkenberg C—f
Power J W—f
Tucker Geo E—f
Tucker John W—f
Woody W P—f

CEDAR VALE

Brown A—f
Brown J W—f
Fisher Edgar—f
Krause Chas E—f
Marsh J R—f
Snaver A N—f
Smith J M—1
Tabler J P—f

CHANUTE

Baughman S S—f
Bideau & Tye—f
Burris Bros—f
Clover & Son—f
Dimick E L—f 1 c
Eklund C E—f
Hurt J J—f
Johnson & Helmick—f
1 c
Kennedy D M—f c
Smith & Brobst—f
Taylor J L—f
Ward Jesse—f
Wood N E—f

CHEROKEE

Bolick R A—f
Chudsey W L—1

Howe Chas—f c
Iisenbee T J—f 1
Tharp John H—f c

CHERRY VALE

Anderson W E H—f
Brock J T—f
Butler C S—f
Gowdy J F—f
Green Frank—f
Hannum W S—f
Hilleman A D—f
Hill & Oakleaf—f
Houck & Houck—f c
McDonald E S—f c
Newton Revilo—f c

CHETOPA

Abbey & Von Trebra—f
Bell A R—f c
Cook J B—f
Craft Joseph—f
Drake A G—f
Newton E B—f 1

CLAY CENTER

Carlson Realty Co—f
Dobbins C W—c
Gay & Castello—f
Hanna G W & J A—f c
Lovejoy Fred—c
Oberg Frank O—f c
Parrott F W—f c
Smith Arthur—f
Stratton G M—f
Swenson Eric H—f
Withers Geo A—f 1 c

CLIFTON

Caywood E W—f
Hamilton Mrs H—f
O'Brien Harry—f
Pfister & Rush—f
Seifert Frank—f
Sims C—1
Tolin C D—f

CLYDE

Collins T R—f
Dunahugh R W—1
Harmon P M—f
Joiner W L—f 1
Murphy J C—f
Patter C L—f
Randolph J F—f 1
Van de Mark C W & Son
—f

COFFEYVILLE

Beatty J K—f
Bickett C T—f
Carpenter C T—f 1 c
Curry Andy & Co—f 1 c
Ellis John—f
Grimes J O—c
Heckman Wm—f
Kleiss J L—1
Long C L—f c
McClelland Frank M—f
McCreary Joe—f
McMurtry Realty Co—f
Messer C E—1
Morgan E W—f c
Newman Realty Co—f
Perkins M V—f

Pfister Geo-f c
Rosser E A-f
Smith J E-f
Upham G N-f

COLUMBUS

Aitchison Realty Co-f c
Carter J R-f
Elliott Jim-f
Fidelity Tiller & Invest-
ment Co-f
Hosey Land Co-f
Lea & Alfred-f
Logan J Wilbur-f c
Maxwell Ed-f l
McNeill Morris-f
Snyder Geo W-f
Stiles F U-f
Tussey & Schreiner-f
Youngman Emery-f c

CONCORDIA

Caldwell-St. Clair Inv
Co-f
Coffey Dr Geo W-f
Cristie W J-f
Hanson W N-f
Missel Robt-f c
Pepperell W H-f c
Roberts Sam-f
Rogers Geo-f
Scssmith J D-f
Sturges F W-f
Swenson J V-f
Troup T D-f c
Whipp W C-f c

COUNCIL GROVE

Anderson Edwin-f
Brown D H-f
Chapin W F-f c
Coffin G W-f
Figley & Dilley-f
Irvin Geo-f c
Jacobs J T-f
Jailite W & Co-f c
Mead L-f c
Perry M W-f l c
Pirtle W J-f
Shamleffer W F-f c
Stewart Hugh-f
Wolf C J-f

DIGHTON

Cavanaugh J H-f
Ewing E E-f
Freeman F F-f
Hyames E D-f l
Latimer C B-f
Smeltzer H C-f
Young W V-f

DODGE CITY

Baird D-f
Burt Hiram T-f c
Dodge City Abstract Co
-f c
English J P-f
Evans R W Jr-f l c
Groberty L G-f
Hart R M-f l
Miller W Karl-f c
Painter G L-f
Reynolds S P-f c
Stumpf Geo A-f
Taylor L L & Co-f l c
Turner & Millikan-f

DOWNS

Breakay W J-f
Day L E-f
Duffy P H-f l
Earls J H-c
Harrison Bros-f c
Huff Bros-f c
Jones C D-f
Pugh-f c
Smyth D B-f l c

EL DORADO

Adams J B-f
Adams J E-f

Bersid H H-f
Black S E-f l c
Brown H T-f
Farley J F-f l c
Fullenwider Geo F-f
Hobbs O F-f
Hoyt J C & Co-f l c
McGinnis W F-f
Manion Thos P-f l
Meeks B F-f
Orsborn Virgil-f
Sharp Earl J-f
Smith B W-f l
Thompson Ed-f

ELLSWORTH

Cochran W C-f
Pohlman & Flanders-f
l c
Seaver L H & Son-f l c
Shaw E R-f l c
Wellington E W & Son
-f l c
Wilson J M-f c
Wolf W Clyde-f
Woods & Harris-f l c

EMPORIA

Burnett J C-f c
Burton T-f
Dunlap Howard-f c
Dwelle H L-f
Engle J N-f
Fisher H W-f
Given & Simpson-f
Holmes V R & Son-f c
Little M C-f c
McCowen J M-f
Megley Fred-f
Morrison D S-f
Silling W-f c
Smelser E W-f
Smelser W R-f
Staats & Morley-f
Thomas R D-f
Wayman & Miller-f
Wells I N & Son-f c
Willis W A & Co-f c

ENTERPRISE

Corbin Roy E-f
Flack B A-f l
Frey James-f
Peterson C P-f

ERIE

Carson J A-f c
Clark B H-f c
Dutton C C-f c
Frogue C H-f c
Malsbury J D-f c
Mills D P-f
Wells J A-f l c

EUREKA

Clogston R H-f
Darby J F-f
Fuller D B-f
Gregg F B-f c
Hart W H-f
Hoffman J F-f l c
Johnson D C-f l c
Kerner J W-f
Miller A B-f
Moore C E-f c
Nve C C-f
Rizer H F-f c
Smyth J M-f l c
Sturgeon J W-f
Zwicker O C-f

FLORENCE

Batley A J-f l c
Haasis & Graham-f l c

FORT SCOTT

Atkins E G-f c
Barnum G-f
Bollinger E S-c
Brown J O-c
Camp D A-f

Davis F W Agency Co-
f l c
Ft Scott Mortgage Ins
Co-f
Gross & Lester-f
Hellen W E-f
Hughes H W-f
Kearns John R-f l c
Martin Miller Co-f c
Owens & Carpenter-f
Pritchard & Agar-f
Quirey E G-f
Richards R-f l c
Seagraves Ins Agency-
f c
Stout H L-f
Tiernan R S-f
White S R & Co-f c
Wogan H F-f

FRANKFORT

Barkes J M-f
Blackney C A-f
Bishop J M-f
Fladd John M-f
Gregg & Gregg-f
Lobley J W-f l c
Nickell Chas L-f
Pierson C H-f
Rhodes & Snodgrass-f
Shumate Herbert N-f
Welsh M J-f

GALENA

Glover & Stallsmith-f c
McCullagh John-f l c
Moore J S-f l
Sawyer C L-f l
Worthington C G-f l c
Worthington Emma-f
l c

GARDEN CITY

Covert E J-f l c
Diesem I L-f c
Griggs E P-f
Lee J H-f
Marmon C L-f
Simonds B F-f l c
Stocks Ralph C-f l c
Stowell W H-f
Wampler J W-f

GARNETT

Bronston J W-f l
Harder B L-f l c
Hassav T J-f
Iler Will-f l c
Johnson J M-f l c
Kennedy C H-f c
Knight W O-f l c
Lawellin M C-f c
McDonald E N-f l c
Marshall C-f l c
Millar H-f c
Rice Daniel-f
Sewell E-f c
Simon E-f c
Thornton J B-f
White M L-f l c

GIRARD

Cassin J-f
Colborn W O-f
Dorman W P-f l c
Flath Peter-f
Flint D C-f
George & Lawler-f l c
Grantham Wm-f
Smith D G-f c
Wayland Investment Co
-f l c

GOODLAND

Brown H S-f l
Calvert G L-f l
Kysar G N-f l
Leonard T P-f l
Shimeall C J-f l c

GREAT BEND

Baker Vernon-f
Bell Ray-f l

Bortz E M-f
Breeden L C-f
Clayton James-f l
Dawson Orin W-f
Dawson & Zutavern-
f l c
Dodge O V-f
Fruit Henry-f l
Hans Fred L-f
McKenzie Scott-f
Reinecke W A-f
Seeber F C-f l
Smith E A-f l
Taylor Arthur E-f l c
Thatcher G W-f
Torrey Wm-f l c
Zutavern L-f

GREENLEAF

Durham J-f c
Hood E A-f
Vicory F-f

GRENOLA

Davis R T-f
Deal J F-f c
Lanter F R-f c
Rings H C-f

HALSTED

Bockmann J M-f
Hinshaw N L-f
Oltman Christ-f
Todd R M-f

HARPER

Knowles J S-f c
Nordyke Rex-f c
Schenk R C-f
Washbon James G-f c
Washbon Ruth A-f c

HAYS CITY

Madden W J-f
Miller C W-f
Miller Fred & C A-f l
Reeder C W-f l c
Robinson & Chittenden
-f
Schaefer J M-f
Shutta J P-f
Wilder A S-f
Zeigler Geo-f

HERINGTON

Bradshaw J W-f
Carman F D-f
Green F A-c
Ely E-f c
Haire Jas-f c
Hull C N-f c
Lower Oscar E-f
McAllister A S-f
Morgan W D-f l c
Mott & Kohler-f
Munsell E G-f l c
Riddle L H-f
St Amand Mrs L-f
Sutherland Robt-f
Thompson R E-f

HIAWATHA

Allen & Higgins-f c
Bechtel & Richards-f
Dimmock C O-f
Frazey Harry-f c
Ham & Ham-f
Heimlich C P-f l
Hildebrand B F-f
Jenson J J-f
Lawrence C H-f c
Litteral W B-f
Lytt & Van Over-f c
McLaughlin Geo-f c
Pantz F A-f l c
Rogers Wm-f c
Schilling & Meisenheimer
-f c
Shannon J O-f
Smith E A-f l c
Wellmer J D-f
White John-f l

KAN.—Con.**HOLTON**

Bender M A—c
Dawson & Martiens—f 1
Dunn E D & Co—f 1
Friend Wm—f
Haist Charles—f 1
Hursh G—f
McCorkle & Co—f 1
Moore J P—f
Moore Scott—1
Newell Samuel—f
Philips Chas—f
Shepard C—f 1
Smyth C H—f
Talbert W B—f
Taylor & Haag—f
Wilson Henry—f

HORTON

Ayers & Henney—f
Ayers C A—f
Bailey & Fox—f c
Beal T J—f c
Friend & Bowlin—f c
Rayfield Realty Co—f
Weeks W W—f
Wheatley All—1
Wilson F M—f c
Wilson Wallis D—1

HOWARD

Batson J M—f
Boulton R E—f
Boulton Frank E—f 1 c
Eby A F—f
Glasco L E—f
Jackson J A—f
Longley E K—f 1 c
Reid Geo K—f c
Sharp G J—f c
Young Franklin—f 1 c

HUMBOLDT

Armel J H—f
Burtiss H M—f
Cannon L T—f
Culver F D—f 1 c
Culver W A—f
Cunningham A W—f
Dickinson A G—f
Hess Bros—f 1
Peery Jas—f c
Schaffner Chas & Son—f c
Wakefield J E—f

HUTCHISON

Aiton John W—1
Bailey J N—f c
Bainum C A—f
Benham E A—1
Bentley & Wells—f c
Brehm Realty Co—f
Brown W B—f c
Brown Bros—f
Daniel R B—1
Davis Lincoln S—f
Fontron Realty Co—f 1 c
Glascok Guy—1
Gray M H—1
Harrison & Co J—f
Kinkel Agency The—f
Kinkel John M—f 1 c
Kinkel W P—f
Krous A D & Son—f
Lemmon F L—1
McDermid R F & Co—f
McNaghten Ed—f c
Moore D A—f 1 c
Mowrey M E—f
Smith J F—f
Stewart John M—f
Strohl A W—c
Sweet & Coe—f c
Thompson Will S—f c

INDEPENDENCE

Anderson J M—f
Conrad Henry M—f

Fry R T—1 c
Gilmore G E—f c
Gilmore Rex S—f c
Howe J W—f c
Ins Exchange—f c
Jukes J L—f c
Laney C W—1 c
Otto J A—f 1 c
Sewell E—f c
Smith John—f
Tulley Mark—1
Underhill J B—f
Young L E—f c

IOLA

Arnold F H—1
Bennett R H—f
Bollinger C O—f
Cunningham R M—f
Gardner B F—1
Hamilton Bros—f
Henderson Realty Co—f c
Hertwick H C—1
Keim J C—f
Klaumann H—f
Lamer J M—f c
Law E H—1
McGee Geo—1
Mitchell A N—f
Myler E W—f c
Peck W W—1
Pees G E—f
Powell J E—f c
Smeltzer D B D—f
Smith & Travis—f 1 c
Stinespring J W—1
Stewart & Funk—f
Stewart John—1
Thompson R L—f
Thrasher W C—f
Travis F L—c
Wheeler W A—1

JUNCTION CITY

Calkin W C—f
Coryell M L—f 1 c
Dorn T W—f c
Flower Bros—f
Kennedy Thos B—f
Logan & Clark—f 1
Mead Ben—f c
Miller John T—f 1
Pierce Harry—f
Pierce & Manley—f
Reynolds J P—f
Rizer R O—f
Templeton & Rohrer—f
Trott A P—1 c
Webster & Boder—f c
Zieglsch & Zieglsch—f 1

KANSAS CITY

Bigger T A—f
Blodgett Wm—f
Childs W R—1 c
Clafin O Q—f
Clark E L—f
Comby Lilly—f
Corday W H—f
Daniel R B—1
Denny & Herath—f
Dunbar J A—f
Falconer & Edwards—f c
Elrod C N—c
Erhart F F—f c
Fulton Felix—f
Harker M L—1
Hocker & Scott—1
Hoel J A—f
Livingston J—1
McElany H—1
McGrew Bros—f
Maddox H O—1
Maurer O G—f
Mebus Albert—f c
Verriam, Ellis & Benton—f c
Morris & Morris—f
Mulford Geo H—1

Parsons F D—f
Poindexter C H—1
Poindexter E W—1
Potter Eli—1
Reynolds S H—f c
Richey & Baxter—f
Silvey J M—f 1
Sullens J H—1
Snyder G H—f
Sutton Chas—1
Wiles J P—f c
Wilson Chas—f

KINGMAN

Cragun John A—f c
Murphy Oren—f

KINSLEY

Bacholler O M—f 1 c
Bingham D J—f 1 c
Mairs & Straut—f 1 c
Moore Carl—f 1 c
Ott Geo—f
Sippoldt C H—f
Taylor J D & Son—f 1 c
Weltner M D—f

KIRWIN

Dundon S—f
Gray J F—f
Hull H R—f 1
Royce H A—f

LA CYGNE

Copeland A G—f
Cortmell T H—f
Goss J T—f
Gruver Roy—f 1 c
Leasure M F—f
Linn Co Bank—f 1
Rush A W—f c
Trinker Chas—f

LARNED

Carr J A—f c
Charles W W—f 1 c
Crawford G W—f 1 c
Finney Geo W—f c
Garth S T—f 1 c
Kaiser E W—f c
Kinnel H H—f 1 c
Nolan G W—f 1 c
Taylor H T—f 1 c

LAWRENCE

Atkinson S W—f
Banks & Son Geo A—f
Blair Hugh—f
Charlton & Melton—f
De Forest Chas—1
Dillon W R—1
Edwards C L—f
Elwell Chas—1
Fugate J R—f
Gardner Theo—f
Harris I E—f
Hilkey E J—f
Hosford C B—f
Leis George—f
Manley R C—f c
Morrison R M—f
Perkins F M—f
Plank U S G—f
Selig A L—f c

LEAVENWORTH

Davis E C—f 1 c
Fletcher W B—f c
Flintjer A—f c
Graham & Kelly—f c
Hacker M L—1
Leavenworth Savings & Trust Co—f c
O'Brien P W—c
Reyburn W D—f
Sallen A—f
Smith Martin—f c
Sparrow Chas A—f c
Suydam & Joerger—f 1 c

LEREOY

Brant Frank—f
Covert J S—f c
Fockele Frank—f c
Fockele Glick—c 1
Mosley W B—f c
Schmitt Miss Gertie—f
Sims Geo—f
Watson L V—f

LINCOLN

Anderson W H—f
Bower E S—f 1
Brunt S H—f 1 c
Davison & Burt—f
Frances & Brumbaugh—f
Gilpin A D—f
Hall H D—1 c
Hawkins Geo—f c
Jackson J—f c
Lyon W E—f
McFarland E A—f
Marshall A—f
Marshall J B—f 1
Miller J D—f c
Nimmons W T—f
Snyder C—1

LINDSBORG

Eberhardt G E—f
Lindsborg Realty Co—f 1
Liston Land & Loan Co—f c
F M—f c
Monson A—f 1 c
Weddle E M—f 1 c
Wilber Allen—f

LYNDON

Gardner Jas W—f c
Hussey L T—f 1 c

LYONS

Beech W H—1
Davis John—f c
Hartronft A G—f 1 c
Holmes B F—f
Lasley W M—f
Needham L C—1
Nicholas W T—f c
Puliam J—f c
Purdy G—f
Six O R—1
Whittleton C—1

MCPHERSON

Bremyer A W—f 1 c
Entriken F K—f 1 c
Engstrom E E—f
Harms B—f
Irons R H—f
Morris W A—f c
Russell H—f 1 c
Sward S A—f
Wright J R—f

MANHATTAN

Bardwell & Bardwell—1
Elliott F R—f c
Fearon J B—f c
Frost Realty Co—f
Haines Harvey—f c
Helder & Hostrop—f
Lee Wm F—f c
Limbocker C A—f
Menohir Bros—f
Otto Harry—f
Porter A S—f c
Purcell E B—f c
Sanford Peter—f 1 c
Slocum W N—f
Yenawne S J—f c

MANKATO

Dalton John J—f 1 c
Fair J P—f c
Mitchell W R—f
Remfrev Jas—f 1 c
Reynolds W S—f

Stafford D H—f
Teepie A—f
White J R—f
Woolen J H—f

MARION

Bowby J R—l
Case A E & Son—f c
Gardner J W—f l c
Martin Arthur—f
Morris W P—f c
Quisenberry A S—f
Smith N M—f

MARYSVILLE

Broughton J A—f
Cole L N—f
Davis C H—f
Draheim E G—f
Eddy L H—f
Fulton & Hohn—f
Guthrie R C—f
Hammett C A—f
Helvern & Helvern—f
Lamb Ora—f
Laughlin P E—f
Loch Geo—f
Morse O J & Co—f l c
Redmond W W—f
Schmidt Alex—f
Tavelte Charles—f

MEADE

Bennett S M—f
Boehler Louis—f c
Curl F W—f c
Day Geo W—f
Gibbons Wm S—l
Hamilton O—f c
Marrs C A—f
Schumacher L F—f c
Simpson W W—f c
Sourber Chas—f
Sullivan Frank—f
Wehle Agnes—f c

MEDICINE LODGE

Bragg W L—f
Case H H—f l c
Chapin F B—f
Groendycke R L—f
Lake E E—l
Lake & Co P L—f l c
Lindley T L—f c
Nixon E H—f
Palmer Wm—l
Sleeper V—f
Stevens L W—f
Williams L T—l

MINNEAPOLIS

Babcock & Steele—f c
Binns David—f c
Citizens Nat Bank—f c
Loomis Mr—f c
McMilan H—f l
Randall A D—f l c
Robinson A E—f c
Silver J T—f l c
Steller Herman—f c

MOUND CITY

Bower & Bower—f l c
Haley, McMullen Co—f c

NEODESA

Blakeslee Thos—l
Deardorff J A—f
Deer John W—f
Dice E R—f
Hill B H—f c
Seaman J J—f
Sharp A M—f
Squires C L—f l c

NEWTON

Bourne Charles—c
Bryon Frank—c
Coble N S—f

Cook G C & Ed F—f
Davis S C—f
Dey M—f
Dunkelberger Edward—f l

Foltz Josiah—f
Gardner H—f
Glover C M—f c
Harlan & Furman—f c
Hoisington P M—f
Hunter S A—f
Johnston John C & Son—f
Lander Philip—f
McArthur S R—f
McLain & Panis—f c
Murphy Mortgage Co—f
Patterson Mrs J W—f c
Regier J G—f c
Toews W W & G R—f

NICKERSON

Alrich F H—f c
Murphy C A—f
Stafford J G—l
Ward W H—f c

NORTON

Broquet Paul—l
Campbell & Bower—f
Chappel W H—f
Gray W J—f l
Guthrie G C—f
Hemphill R W—f
Kissell J W—f
Poe H M—f
Thompson L H—f c
Weikert W M—f c

OLATHE

Brockway S M—f
Caswell J C—l
Fergus John S—f
Frye W W—f c
Hayes A L—f c
Hendrix W D—l c
Hoge C C—f
McCarthy E—f l c
McGee H H—f c
Morrison W D—f c
Orr James R—l c
Owen E C—f
Pellett J S—f
Pettyjohn C F—f c
Pratt W A—f
Ripley Mr—f
Scott O J—f
Sinead & Son F K—f l c
Thorne John R—f
Tillotson R H—f c
Whilford W S—f

OSAGE CITY

Boruff A J—f
Dodds Mrs A M—f
Laybourn J W—f
Ranstrom & Rosenquist—f l c
Sprague L S—f
Truitt T M—f l c

OSAWATOMIE

Beeson O T—f l c
Campbell W H—f c
Campbell H W—f l
Chambers & Chambers—f c
Dunaway W L—l
Matherly Walter—l

OSBORNE

Rotkin E L—f
Crampton S P—f
Hahn Chas B—f
Hays R R—f
Huhn Miss Tamsel—f
Layton Bros—f
Mahin W E—f
Mitchell J K—f c
Mize W H—f

Osborne Realty Co—f
Rothwell & McInturff—f
Schmeil & Sharp—f
Tindal Ray—l

OSKALOOSA

Ford & Weishaar—f l c
Interarrity David—f c
Lerch W F—f

OSWEGO

Blair W A—c
Condon W H—f c
Kabo & Hill—f
Marley J W—c
Mattox S T—f
Pierce J B—f c
Stephens Wm—f
Williams H O—f

OTTAWA

Bridwell Mr—l
Cody W R—f l c
Cowan H H—f c
Crain C F—f l c
Elliott E M—f l c
Franklin Co State Bank—f
Haigler Fred—l
Kaiser P—f
Long H C—f c
Mansfield Allen—f
Pollock J W—f
Porter C—f c
Preston Flora—f c
Ramsdell F R—l
Rowland Mr—f
Swift W F—l
Wharton W H—f c

PAOLA

Arnick D F—f c
Beery C F—f c
Bryan D D—f
Butts D E—f
Carpenter W J—f l c
Clark W D—f
Cummings T J—l c
Downs W C—f
Ferguson F K—f
Fisher Burr—f
Fisher Frank—f c
Floyd H A—f
Fordyce Wm—f
Hogan J F—f c
Hunter J—f
Investors Co—f
Joyce W L—f c
Lane M A—f
Lewis Chas—f
Masters W—f
McLaughlin F J—f
Meuser C T—f c
Murphy J R—f
Numbers C—f
Paola Land Co—f
Peck John—f l c
Rigney W L—f
Riley W L—f
Russell Phil—f c
Sheehy J F—f c
Sperling B L—f
Williford J C—f l c
Wilson Earl—f c

PARSONS

Baker R E—f c
Berry John T—l
Holcomb D H—f
Hotchkiss C B—f c
Howe John H—f
Howlett John H—f c
Jagger & Co—f
Kutz W H—f
Lay W F—f c
Medaris H A—l
Morning D—f
Noyes A H—f c
Snyder F H—f c
Southwick W H—l
Taft B L—f

Walker Lewis—f l c
Wallen E A—f c
Wilkin C A & Co—f

PEABODY

Bauslin W A—l
Clark C M—f
Graham Ed S—l
Grayson Lewis—l
Howe A P—c
Howe P E—f
Mollohan A B—f
Morse Jule T—f
Nusbaum C M—f
Nusbaum J W—f c
Roberts Ray B—f
Tressler J E—f l c
Van Nest H B—f
Whittcar L J—f
Whittmore F A—f

PHILLIPSBURG

Barron W A—f
Barron J W—l
Bracken L S—f
Countryman L E—f
Mills C M—f
Morse J F—f
Rickey J M—f
Stinson R F—f
Wanda W D—f
Womer W D—f

PITTSBURG

Alberty E W—f
Carlton & Greef—f c
Comer & Nichols—f c
Coulter & Ralston—f
Ellis & Stamm—f c
Francis W B—f
Jones & Co—f l
Schoch D F—f
Smith & Miller—f c
Smith Victor A—f
Swan L H C—f l
Taylor Luther J—f
Werner F C—f l c

PLEASANTON

Belding F—f
Johnson J W—f l c
Kent & Porter—f c
Kraiser W—f

PRATT

Beck Bros—f
Clark & Keller—f l c
Fay A S—f
Gentry J N—f
Gibbens Brothers—f c
Hess W B—f
Mears H S—f l c
Peacock Walter W—f
Reed A T—f l c
Shaw E L & Son—f
Stewart Geo—f
Swank Clemmie—f

ROSEDALE

Baxter John—f c
Brooks H H—f l c
Cannon John—f l c
Carver O H—f l
Erhardt P—f
Filkin M J—f c
Fisette Rush—l
Mating I E—f l
Purvature Erma J—f c
Rose L H—f c
Sanders E W—f c
Slater D J—f

RUSSELL

Boyd A L—f
Brundage M K—l c
Hall & Funk—f l c
Holland G W—f
Hoover & McKeen—f c
Miller V H—l
Voorhis E W—f c
Yerger Jas—f

KAN.—Con.

ST. MARY'S

Conlan J M—l c
Hoy John—f
Moriarity W J—l
Moss John T—l
Murphy Maurice—f
Ryan T J—f l c
True W H—f
Vilven Joe—f l c

ST. PAUL

Carpenter H C—f
Cavanaugh B F—f l c
Devine M—f
Graves W W—f c
Pierce G A—f

SABETHA

Bressem Robt—f
Collins A J—l
Collins & Sewell—f
Hook Geo W—f
Irwin P N—f l
Lichty & Morris—f l c
Mugrove Jas—f c
Sewell G R—l
Weary F O—f
Wells C D—f l c
Woodbury F C—f

SALINA

Alexander L A—l
Anderson & Allison—f c
Berg Alex—f c
Bishop F M—l
Brandt J A—f
Brown R C—f
Cave & Kell—f
Cravens R P—f l c
Dodge C B—f c
Duncan Joseph—f c
Eberhardt H H—f
Eberhardt John J—l
Fenn F R—l
Fitzpatrick T D—f c
Ford M E—f
Foster C D—l
Frederick A A—l
Garrison F D & W M—f c

Godfrey A W—f
Hall J W—c
Hederstedt Alex—f
Housel L C—f c
Jenkins H B—l
Jones W H—l
Knight J J—c
Lynn C W—f
Millikin J E—l
Mitchell W D—f
Muir & Surface—l
Niquette V—f
O'Malley D E—l
Paris H M—l
Peck C J—f
Reed Frank W—l
Schindler Henry—f
Seitz Theo B W—f
Studebaker W G—f c
Supple & Hanna—l
Taylor Daniel L—l c
Walston G F—f
Whitney W R—l
Wildner B O—c
Wyatt Earl—f c
Zimmerman D B—l

SCAMMON

Mackie D Jr—l c
Mackie Geo K—f
Pryor T B—f
Quarton C R—f

SCRANTON

Bolton C F—f l c
Lucas Henry—f c
Phley D C—f

SEDAN

Brinkerhoff S E—f l c
Chauc Co Abet Co—f l c

Dennis A A—f l c
Eggen P F—f l c
Kinnaman W D—f l c
Lewis J W—f l c
Slipper C V & Co—f l c
Slough J I—f l c
Spencer C W—f c

SENECA

Campbell & Campbell—f
Emery & Emery—f
Goodrich E S—l
Haulthaus F J—f c
Herold C H—f
Kennard Abbie—f l
Schrempf Chas—f
Scoville C C K—f c
Stein P F—f
Stillwell & Allen—f
Stowell John—f
Wells & Wells—f c
Wolcott S A—l

SMITH CENTRE

Boyle J D—f c
Burrow Joel R—f
Clark Henry—f
Detwiler J H—f
Dundas L N—f
Garrison C A—f c
Mackey Wm A—f
Mathes Jesse F—f c
Stevens S C—f c
Uhl Fred H—f c

SOLOMON CITY

Beeghly & Miller—f
Harris W T—f
Keeler J A—f
Sampson M D Jr—f

STERLING

Atkinson Thos—f
Coyle Wm—f
Green F R—f
Hazlett D—f
Johnston J C—f c
Lees E H—f
Mahoney & Pence—f
Martin V—f l c
Newman R A—f
Rider J S—f c
Warren F C—f
Wells W S—f c

STOCKTON

Coolbaugh M S—f
McKenna P H—f c
McNulty W F—f
Rubey Ernest—f c
Sweet H C—f
Williams E J—f
Williams E L—l

STRONG CITY

Doolittle J H—f
Harvey W C—f c

TOPEKA

Allison J C—l
Anderson E H—l
Anderson & Co L E—f
Aurell P—l
Bailey Bros & Co—f c
Bagley E R Co—c
Betzler Realty & Loan Co—f

Blakely C G—f
Brier J M—f c
Britton F—f
Bowers & Cookinhan—f
Campbell N B—c
Clark E S—l
Clithero E D—l
Dawson W T—f
Eberle W S—f
Elliot C S—f c
Falkner & Wentworth—f c
Forbes W M—f c
Fox E C—f

Gardner T—f
Gardner W—f
Garvey H O—l
Gillett & Gillett—f
Gregg C L—l c
Guthrie Cyrus—f
Hall Henry H—l
Haughey J W—l c
Hess Fred—f
Hughes J W F—l
Kane Robt B—c
Lagerstrom F G—f
Lockmane Chas S—l c
Lott J A—l
Lucas & Lagerstrom—f
March R B—f
Meyers C D—f
Moore C A—l
Moore G G—l
Neil C O—f
Nellis D W & C W—f c
Peacock F L—f c
Parker F B—l
Perry W D—f
Rodgers A A—f
Searle C H—f
Seedge H E—f
Stephens H E—f
Stephenson & Webb—f c
Thomas F S—f c
Todd J H—l
Updegraff & Kibbie—f
Van Hook A K—l c
Welcome Davis & Co—f
Wilson & Neiswanger—f

VALLEY FALLS

Burkert J C—f
Cobb Mort—f
Compton J N—f
Decker J A—f
Gephart C T—f
Gephart J B—f
Harman Geo—f
Lord C C—f
Royer C O—f
Royer Geo J M—f
Strawn S M—f
Williams Mrs M L—f

WAMEGO

Cooper W S—f
Embley & Baker—f c
McMilan A T—f
Pedicord Ella—f c
Prunty D A—f
Teeter Joseph E—f
Umscheid Chas—f

WASHINGTON

Allen N A—f
Baumbarger A B—f
Gordon J Jr—f
Hill H C & Son—f l c
Mathews A W—f
Maxwell J A—f
Palmer & Cook—f
Reitzel M O—f
Robinson H C—f
Thompson J F—f l

WAVERLY

Fockele F F—f l
Lathrom W H—f l c
O'Neil C—f
Riley G S—f l
Senior J L—f

WEIR

Broalley J C—l
Emmerson R W—l c
Walker Fred—f

WELLINGTON

Andrews T U—c
Belsley & Fetters—f
Black & Martin—f
Gilmore Anna—f
Hamel Realty Co—f

Haslet & Herrick—f
Jaggers C S—f
Rush Wm—f
Stewart H H—f
Stewart C L—l
Walton J A—f

WICHITA

Alexander C C—l
Allen H W—l
Anchor Trust Co—f
Anderson P M—l
Billinger O E—f
Bitting C W—f c
Campbell Geo E & Co—f
Christman A J—f
Dulaney & Johnston—f c
Engle J R—l
Gaston W E—l
Griffith B—l
Hatton & Stanley—l
Hill D L—l
House H I—l
Ingram, Yankey & Co—f c

Knight C H—l
Little Fred W—f
Mayer H E—l
Meyers C E—l
Monarch Loan Co—f
Morse C W—l
Perrin H I—l
Phelps Mr—l
Reed & Monkle—l
Reese & Co—f c
Smith Geo W—l c
Stanley W H—f
Tanner, Cook & Gann—f c
Tanner J E—l
The Van Arsdale & Osborne Brokerage Co—f
Vanderberg Edwin P—l
Wheeler Kelly & Dewey—f c
Young S M—l

WINFIELD

Albright P H & Co—c
Bader Bros—f c
Bell L—l
Benkendorf E A Land Co—f
Eaton T J—f c
Franks & Dobson—f
Graham A J—f
Harrod & Hanlen—f c
Havens A H—f c
Hiatt (J W) Realty Co—f

Hott O A—f c
Hutchinson & Richardson—f
Johnson Hal—l
Johnson M E & Co—f c
Kennedy W J—f c
Lorton W R—f c
Orr W J—f c
Shackelton J N—l
Simms W E—f
Smith E E—f l c
Stafford & Albright—f l c
Williams W V—f
Williams O—f c
Williams R M—f

YATES CENTRE

Culver J C—f
Donald Will O—f
Hatch & Mills—f
Hougueland & Martin—f
Parsons Thad—f
Parsons W L—f
Ream Harry—l
Rudy Wm—f
Stephenson F L—f
Stephenson & Hall—f
Wallace & Landes—f c
Woodson Co Land Co—f
Yates Center Land Co—l

KENTUCKY

ADAIRVILLE

Adairville Real Estate
& Loan Co—f l c
Evans L S—f l c
Fugate M L—f
McPherson M W—l
Moore Edwin R—f l c
Smith F L—l
Trimble J R—l

ASHLAND

Dowling Thos J—l
Eaton Dr W O—l
Hager E B & Co—f c
Hager S P & Son—f l c
Jordan Crowell & Co—
f l c
Levi C R—f l
Massie J S—f l
Stewart & Clay—f l
Thomas M W & Co—f
Young Thos R—l

AUBURN

Davidson G W—f
McCormack H P—f
Price R G—f l c

AUGUSTA

Argus M—f
Fulkerson F M—f
Gray C L—f l c
Hook C L Jr—f
Jackson Mrs S T—f l c
Kantz J J—f
Shinkle Everett—f l
Wright J E—f

BARDSTOWN

Barkhurst Geo—f
Brown Wallace—l
Cook R N—f l c
Cox H R—f
Cotton J W—f
Newman J E—f l
Pullian A H—f l
Sympson Frank—l
Wilson & Hubbard—l
Wilson Eugene & Co—
f c

BEATTYVILLE

Lyon F A & Son—f l c
Lyon J S—f l c

BEDFORD

Black H C—l c
Black & Joyce—f

BELLEVUE

Bayland Dorothy G—f l c
Rawlins Mrs Maggie—
f l c

BEREA

Branaman & Scruggs—l
Dean Jno F—f l
Farmer W E—c
Gay Jno L—f
Gott J Strother—c

BERRY

Mitts Edgar—l
Stone A H—f l

BLOOMFIELD

Dunett J C—f l
Muir J H & Son—f

BOWLING GREEN

Clapton D B—f
Collins J F—f
Dulaney Robt F—l
Duncan Claude—l
Duncan L G—l

Galloway & Hughes—f c
Grider Gardner & Co—f
l c

Haynes L D—f c
Herdman & Ramsey—f l
c
Herrington & James—f l
Hines & Hagerman—f l c
Hines Samuel D—f c
Jamison J M—f
Jesse Bros—f l
McGinnis R V—f c
Maddox C R—l
Porter E H—l
Stark J Dan—f
Turpin Bros & Co—l

BRANDENBURG

Ashcraft W D—f
Casperke Chas A—f l c
Hardin Guy A—f
Powell Lloyd H—l

BROOKSVILLE

Alexander & Parsons—f
Byron W A—f c
Norris Charles A—f
Stevenson W H—f

CALHOUN

Atchison C L—f
Moseley A L—f l c

CAMPBELLSVILLE

Baker H E—f
Kerr & Francis—f l c
Miller & Gabbert—f l
Robinson & Taylor—f l
Tucker M W—f
Turner J N—f

CARLISLE

Bramblett C U—f l c
Bryson H B—f
Cox F V—f
Darnall Bros—f
Darragh W E—f
Howell J H—l
Hughes L S—f
Hutchings T E—f
Mathias John—f l
Norton Lee—f l c
Parker & Ross—f
Russell R R—l
Soper William—l
Swinford V M—f
Tune J P—f
Watson T S—l c

CARROLLTON

Fisher James T—l
Fisher W R—f
Gordon W G—l
Gullion J E & Co—f
Howe & Winslow—f
Mosgrove W T—f
Sebree F P—f
Seppenfeld E J—l
Smith & Boerner—l
Smith E C—f
Wright C A—l

CATLETTSBURG

Brown Sanford—l
Coldiron John F—c
Eastham Paul H—f l c
Marcum T D—l
Millie Kent—l
Mitchell Richard—f c
Pollitt & Meek—f l c

CENTRAL CITY

Bensinger H F—l
Blandford C H & Co—f
l c
Lam D B Jr—f

Lawton C A—f l
Patton A L—l c
Sumner J A—l
Veazey J W—l
Whitmer M D—l

CLINTON

Hemsley J I—l
Jewell R A—l
Kemp J M—f l c
Samuels E B—f l c

CLOVERPORT

Behen H M—c
Cooper Jno C—l
Lewis Paul—f
Harriman R W—f
Polk R T—f l
Robertson J—l
Skillman Chas B & O T
—f c
Storms Frank—l
Weatherholt M—f c

COVINGTON

Adams Ben—f l c
Bendorf K E & Co—f c
Brames John—f
Bullock J R & Co—f c
Cholmondeley Saml—l
Cooper J E—f
Dressman J H & Co—
f l c
Droege Lawrence—f c
Foster, Vest & Co—f
Gale Edwin T—l
Grant A V C—f
Grote Jos—l
Hollingsworth C I—f c
Holmes Clyde—l c
Huefeld H B—f
Ledder F G—l
Loebker John—f l
McCracken & Burk—f c
McLaughlin C A—f
Sanford T W & Co—f c
Sayers E B—l
Schroetter H A—f l c
Sharp S G & Co—f
Simrall L B—l
Simrall The J G Co—f l c
Terlau Ins Agency—f l
Thompson Geo W—l c
Walker Ed E & Co—f l c
Walker Edgar L—f
Walker Rudolph—f l
Whitney H A—f c

CYNTHIANA

Bishop R V & Co—f
Blanke J R & Co—l
Boyers L J—l
Brewsaugh E—l
Conway R H—f
Cromwell & Withers—f
Eales & Peterson—f
Garnett Ashbrook—l
Gossett & Van Deren—l
Kimbrough Dan R & Co
—f c
Land M C—f
Le Bus Orie—f
McDaniel J F Jr—f
McMurtry Jas Sr—f c
Maffett Will M—f
Magee & Grogg—f
Megibben P R—f
Robertson Blanche—l
Shawhan J L—l
Smith H Clay—l
Smith J N—l
Van Deren J J—f

DANVILLE

Bagby C C—c
Berry B C—l
Briggs Mr—f c

Bruce R D—f
Carter W H—f
Cheek J A—f
Clarkson Jas—l
Dunnigan E T—l
Gray L M—f l c
Huggely Chenault—c
Hutchins Harold—f l c
Lane E P—l
Lee Madison—l
Lowell W S—f
McCandless J L—f
Mason Marie—f c
Nichols & Letcher—f
Ouisenberry J A—f
Pollard S C—l c
Proctor Wm H—l
Raines Luther—l
Robertson A B—f
Rowland W S—f
Rue L E—f
Sandifer H G Jr—f c
Spaulden Hill—l
Soper Lornes—f
Tunis N K Co—f l c
Wallace J M—f
Welsh G W—f
West O E—l

DAYTON

Barnet G M—l
Keefe Geo A—f
Kaighn P T—f l c
Parrott Wm G—f
Schreiber D E—f c
Thomas Wm B—f

DOVER

Bainun R H—l
Cordrey Mrs Tina—l
Stairs S W—f l

EARLINGTON

Arnold & Price—f
Martin W N—l
Moore Paul M—f c
Phillips W L—l

ELIZABETHTOWN

Bush S H—l
Cooper D M—l
Gabbert M H—f
Gardner A—f
Lee & McConnell—f l
Miller B B—f l
Montgomery & Wells—t
Morgan C E—f c
Robertson & Ashlock—f l
Stuart & Barrow—f l c
Trent O T—f c
Williams H—f

ELKTON

Crittenden G W—f l
Davis S F—f
Penick W C—f l
Robertson S E—f l
Street Geo P—f l c
Street John O—f c
Street Jno O Jr—f l c
Weathers J M—f l c

EMINENCE

Crabb W L—f
Jones N F—f
Patterson Jas H—f
Robinson Mary—f
Wilson W S—f c

FALMOUTH

Bishop H W—f
Bradford T C—f l c
Calvin J B—f
Dudley W V—f
Kellum C W—f
Meador A G—f
Thompson C W—l
Woolery J B—l c

KY.—Con.**FLEMINGSBURG**

Applegate Robert—f 1
Alexander L F—f 1
Blanchard J E—1
Doran James—1
Evans Thos—1
Howe & Rhodes—f 1 c
Hull L N—1
Kendall A S—f
Lawson Ins Agency—f 1 c
Perrie E S—1
Planck J H—f 1 c
Weiller J R—f 1 c

FRANKFORT

Brown E H Jr—1
Brown T P—1
Fenley G D—1
Graham R H—1
Green L B—c
Hay C W—f
Hendron W C Jr—1
Hewitt Frank—c
Hoge Eugene E—f 1 c
E R Jones-Franklin Co—f 1
Lindsey John B—f
McClure R K—f c
McNamara T F—1
Miles Jas N—1
Payne George L—f c
Phillips R H—f
Roberts Henry Jr—1
Robinson O H—1
Rodman Thos Jr—f
Scott W P & Co—f c
Smith David D Ins Agcy—f c
Williams B J—c
Williams J A—f
Wilson Henry Clay—1

FRANKLIN

Beard D F—1 c
Bradshaw C S—f
Covington J H—1
Gillespie Bros—f 1 c
Groves C E—f
Hargis W H—1
Hill A H—1
La Rue—f 1
Mitchell H K—f c
Tarpley & Block—f 1 c

FULTON

Albritton W P—1
Bondurant Newt—1
Carter L W—1
Cole Atkins—1 c
Davis J A—1 c
Fall & McCall & Fall—f 1 c
Foster W E—1
Love F—1 c
Martin A L—f 1
Nall W C—1
Wade R C—f c
Wood J W—1

GEORGETOWN

Bradley Jas—f
Craig & Downing—f 1 c
Finnell & Allen—f 1 c
Ireland C D—f
Johnson G W—f 1
Plummer H A—1
Warring & Ewing—f

GLASGOW

Dickinson & Trigg—f 1 c
Ferguson E Y—f
Jones & Jones—f c
Lewis Geo R—f 1 c
Warder L G—f
Williams J L—f
Witty R L & Co—f 1

GRAYSON

Horton J E—f
Malone W D—1
Scott Winfield—f
Yates T S—f

GREENUP

Fullerton E E—f
McCoy A P—1
Pollock J E—f

GREENVILLE

Duncan D J—1 c
Hay Miss Annie—f
Kirkpatrick & Eaves—f 1
Lewis F H & Son—f
Morgan J P—f 1 c
Morgan W T & Son—f 1 c

HARRODSBURG

Cardwell T M—f c
Curry G A—f
Edward & Smith—f
Ewing W T—f
Riker & Riker—f
Riker L—f
Riker L C—f
Rue & Curry—f c
Spilman J P—1
Vanarsdall J I—f

HARTFORD

Foster J Ney—f 1 c
Mortin Otto C—f c
Riley R R—f 1
Yeiser A C—f 1

HAWESVILLE

Bentley Geo—f
Hale T D—f 1 c
Mason A J—f c
Thomas W S—f c
Wilson George C—f

HENDERSON

Bennett Mrs W E—1
Dosssett H N—f
Eakins J Wm—f c
Griffith Mrs H D—1
Harris J S—1
Hart J H—f c
Hartfield David—f c
Jones W J—1
Lambert & Weaver—f c
Manion J E—f c
Neal & Sisk—f
Stanley & Banks—1 c
Starr & Thompson—f c
Tapp F L—f
Toy N K—1
Vance A C—f
Worsham A J—f

HICKMAN

Hickman H C—f
Kennedy A E—f 1 c
Tyler R T & Co—f 1 c

HODGENSVILLE

Handley & Kimball—f 1
Hubberd L C—f 1 c
Hudgins Claude—f 1
Jones & Graham—f 1
Kirkpatrick & Taylor—f 1 c

HOPKINSVILLE

Campbell Ins Agcy—f 1 c
Cornett & Layne—f 1
Crenshaw M F—f
Cummings Wm H Jr—f 1 c
Garnett W F & Co—f 1 c
Giant Ins Agency—f 1 c
Henry Jouett—f
Higgins J M & Son—f c

Homestead Investment

Co—f
Kelly Walter & Co—f 1
Knight T S & Co—f
Lackey George—1
Locker & Draper—f 1
McDaniel Katie—f c
Shaw G D—1
Wallace H D—f 1 c
Wicks W R—1
Winfree B S—f

LA GRANGE

Dixon J T—f
Duncan R O—f
Head P S—f
Kennedy E H—f
McDowell Don C & Son—f
Sauer Joseph—f
Yager J T—f

LANCASTER

Beazley J A & Co—f 1 c
Elkin & Thomas—f c
Elmore J W—f
Embrey R T—1 c
Frisby F P—f 1
Gaines E C—f 1 c
Jones, Thomlinson & Anderson—f 1 c
Sanders Coy—f 1
Stults & Stults—f 1 c

LAWRENCEBURG

Baxter J W—f 1
Booth Harry—f
Crain J H Sons & Co—f
Crain M C & Co—f 1 c
Lyon J H—1
Wilks, Bond & Co—f 1

LEBANON

Bottom & Spalding—f c
Clarkson J W—f 1 c
Green Richard—f 1 c
Hagan C W—f 1 c
Kelly J A—f c
Mackin T J—f 1 c
Rains & Goodin—f 1 c
Rubel W W—f 1 c
Smith J A—f 1 c
Spalding T B & Son—f 1 c

LEWISBURG

Browning & Price—f

LEXINGTON

Arnsperger R & Son—f c
Averitt W B—1
Bedford S W—1
Bowyer C H—f
Byars E H—f
Carter Chas V—1
Chinn & Lawwill—f
Christian L T & Co—f
Clay Bishop—f
De Long G A & Co—f c
Fain A J—f
Foreman T V—f
Freeman C Y—f
Frost W Stanley—f
Geary & Van Meter—f c
Irvine W M—f
King & Son W—f c
Klair & Scott—f c
Lindsay W V—f
Massie W K—f c
Messick & Clark—f
Myers Chas J—f
Phelps J E—f
Reasess Baldwin—f 1 c
Riley J J—f
Sharpe Miss Anna—f
Simrall J O H—f c
Snyder Claude F—f
Stoll J W—f c
Treacy B J—f c
Walton & Alexander—f c

Whitehouse Edgar—1
Wilkinson & Davis—f
Woodruff & Son—f
Woolfolk Jos S—f

LITCHFIELD

Layman Ike—f
Mormon Gordon—f
Taylor J E—f 1 c

LOUISA

Burgess G R—f
Kinsler Jas—f
Snyder Augustus—f
Wallace F T D Jr—f 1 c

LOUISVILLE

Akin & Hill—1
Avery S L & Co—f
Ballou A F—1
Barbee & Castleman—f c
Barrett J J & Son & Robinson—f c
Bayly J W E & Co—f
Beilstein J W & Co—f c
Bell J S—c
Bland & Gaunt—c
Bloom Levi—f c
Booker & Kinnaird—f c
Boyd H O—c
Breuer & Co—f c
Brown & Martin—f c
Burbank & Burbank—1
Burdine R B—1
Burkley & Tierney—f
Campbell I F—1
Carpenter & Dudley—f
Chapman Ins Agency—f
Clancy T Johnson—1
Clarke P N & Co—c
Collie C W—1
Cravens C A—1
Danforth & Co—f
Davis H V & Co—f
Davis & Wade—f c
Davis J T—c
Dickey J H—1
Dennis W W & Co—1
Dugan & Humphreys—f c
Duncan D J—1

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Scottish Union and National
Phoenix of Hartford
Western of Toronto
Union Marine, Liverpool
Frankfurt of Germany
Atlas of London

Lincoln Savings Bank Bldg

Finley & Smith—1
Gibson O B—c
Gilmour A—1 c
Gould Chas E—f
Gray J S & Son—f
Greer C D—c
Hamilton C H—1
Harrison W H—1
Hawes & Key—c
Herrig J T—c
Hoge F H Jr—1
Hummel & Meyer—f
Hunter & Hellman—f
Huston S M—f
Jarvis J K—1
Jefferson C W—c
Jefferson Noyes Embry & Bryan—f c
Johnson A E—c
Johnson Chas T & Co—1
Kendall H R—1
Krazeise F J—c
Kurley Miss—1
Lang Chas A—f c
Lang Henry H—f c
Lea & Hoge—1
Lynch J T—1

McAtee A H & Co—f c
 McDonald G L—l
 MacPherson & Co—f c
 Miller E J & Co—f
 Miller F L—c
 Moench Chas—c
 Morton M J—c
 Nelson C L—c
 Noe A L—l
 Pace W B—l
 Pirtle & Weaver—f
 Poutch & McBride—t
 Raeger Henry P—l
 Reutlinger & Smith—f c
 Robinson, Wilson & Long—f c
 Rodman H D & C D—l
 Rousseau L I—l
 Shillingburg W I—l
 Slaughter J B & Co—f
 Slaughter T Gran—c
 Smith A E—c
 Stone & Gnauf—f
 Tachau E S—f
 Thomas & Kaye—l
 Timberlake & Trueheart—f
 Tippet & Walker—f c
 Todd J M & Co—f
 Vetter & Smith—c
 Viglini P & Co—f
 Walbeck Henry C—f
 Wanner Julius & Co—f
 Ware R C—l
 Williams & Dick—c
 Young & Anderson—l
 Young E F—l
 Zimmerman W O—l

LUDLOW

Boesley Tom—f
 Grant Abner V C—f 1 c
 Hankin Wm—f
 Heintz Fannie—f
 Klappert Henry—f
 Stephen J—f

MADISONVILLE

Elgin W S—f c
 Fangley & Wilson—f 1 c
 Nisbet E—c
 Osburn E B—f c
 Whittemill R T—f 1 c

MAYFIELD

Alcock J T—l
 Anderson A S—f 1
 Cosby A D—l
 Hale W L & Co—f 1 c
 Hancock S T—l
 Mason Bros—l
 Norman S A—f 1
 Parkhill, Albritton & Co—f 1 c
 Robertson & Emerson—f
 Robertson W W—l
 Rowland Walter—l
 Russell Norman—l
 Shaw & Davis—f
 Wallace R B—l
 Ward W F—f

MAYSVILLE

Arn Sherman—l
 Cole Wadsworth—f
 Curran H C—f
 Elgin J W—l
 Hall Jas H—f 1 c
 Hopkins J W—l
 Key W Holton—f 1 c
 O'Donnell F T—f
 Owens G W—f 1 c
 Parker J Ed—f 1 c
 Reed Miss Elizabeth—f
 Reynolds Luther—l
 Robinson Miss Addie—c
 Sulser, Mathews & Co—f 1 c
 Walton J F & Co—f 1
 Warder W R—f

MIDDLESBORO

Ashmeade D C—l
 Fitzgerald L S—l
 Gagle W H—f
 Kinnaird A M—l
 Lovelace F F—l
 Manning J L & Co—f c
 Tri-State Ins & Realty Co—f c

MIDWAY

Arnett A B—f
 Cogar & Co—f c
 Cooper & Morris—f c
 Haley & Offutt—f
 Hughes Ins Agency—f c
 Noel Geo—c
 Poynter H C—f 1 c
 Wash J T—l
 Wiley Mr—l c
 Wise Harry L—f

MILLERSBURGH

Allen Sanford—f 1
 Butler W A—f
 Collier Elda—f
 Cray J B—f 1 c
 Ingels O W—f
 McDaniel Jno—f
 Miller W M—f
 Thomason E M—f 1
 Waddell T P—f

MILTON

Hudson R M—f 1 c
 Inglis J R—f 1
 Strother Jas—f 1

MORGANFIELD

Black Geo—l
 Boyle L T—f
 Clements W L—f 1
 Jolly Geo W—l
 Martin W A—f
 Mason Bob—l
 O'Daniel W B—f
 Phipps J T—l
 Skinner C H—f 1 c
 Sparks W B—f
 Taylor Walter—l
 Waggener & Waller—f
 Waller Collins—f 1
 Wright Wm—f

MT. STERLING

Blount & McAlister—f 1
 Coleman R L—f 1 c
 Coleman G E—f
 French H R—f 1
 Goodwin & Turner—f
 Greene & Strossman—f 1 c
 Hoffman H G—f 1
 Hoffman Ins Agency—f 1 c
 Howell Clayton—f 1 c
 Kirkpatrick C W—f
 McKee H C & Co—f
 Nesbitt Chas W—f
 Perry E R—f
 Rogers T F—f 1 c
 Watson Henry—f
 Winn Bros—f

MURRAY

Graham Asher—f 1 c
 Holton H E & Co—f 1 c
 Holton M D—f 1 c
 Hood C M—f
 Jordan & Falwell—f 1 c
 Peterson W F—f
 Smoot C M—f

NEW CASTLE

Bruce C W—f 1
 Chandler & Turner—f

NEW HAVEN

Coomes & Clark—f
 Dawson Edwin C—f
 Dawson F X—f
 O'Bryan Louis—f
 Rapier Bros—f 1

NEWPORT

Allison W T—f 1
 Bartlett Geo—f
 Buchanan F A Jr—f 1 c
 Buchanan H G—f 1 c
 Creutz H Z—f
 Dyer W H—f
 Haas Adam C—f
 Harton & Co—f c
 Heckle W S—f
 Hughes C T—f
 Nagel C W—f c
 Riedinger H B—f 1
 Riedinger, Lawrence—f
 Schrader H F—f
 Schupp & Shannon—f
 Ulmer H—f 1
 Ware M M—f

NICHOLASVILLE

Denny Robt J—f
 Hoover E B—f
 Price & McCleary Agcy—f c
 Sears & Wolf—f 1 c
 Smith J E—l
 Sparks R M—f 1 c
 Steele W L—f
 Watts Mrs Fannie—f c

OWENSBORO

Gerry & Hays—f c
 Booth W B—l
 Bumpus & Stuart—f
 Cannon E A—f
 Clark & McCarroll—f
 Cruse J S & Co—f
 Driver A B—l
 Field Newton F
 Gaut Milton—l
 Givens T K—f c
 Griffin A S—f
 Hayden & Coche—f
 Hayes Rollie—l
 Nichols & Pinkston—l
 Norris M L—f
 Rodman J S—l
 Rudd C J Son & Co—f 1 c
 Short Bros—f
 Sweeney Bros & Co—f c
 Todd A C & Co—f c
 Weil Bros—f 1 c

OWINGSVILLE

Bratthair O B—l
 Brother J R—f
 Brother O B—l
 Brown T H—f
 Byron Bros—f
 Gudgell H C—f 1
 Kincaid R W—f
 Markland J W—f
 Perry G E—f
 Perry T M—l
 Peters T J—l
 Shankland Jas W—f
 Tipton C W—f

PADUCAH

Boom & Co E G—f 1 c
 Burgauer Mrs R—f
 Bradshaw & Weil—f c
 Davis Cade—l
 Davis Frank F—f c
 Flournoy & Burnett—f
 Foreman-Lackey—f c
 Hummell Bros—f c
 Jennings & Co C E—f 1 c
 Phillips & Co—f c
 Powell Mrs W W—f
 Reeves & Wilcox—f

Sanders & Co—f
 Smith Jno D—f c
 Smith & Smith—f c
 Snook S J—l
 Weil A L Co—f 1 c
 White A E—f
 White Chas A—l
 Yeiser & Dipple—f

PARIS

Blackberry Clifton L—f
 Bryan D Y—c
 Buck Mrs E P—f
 Davis R—f c
 Harris L D—f
 Doyle John T—f
 Hinton W O—f
 McCahey R K—f 1 c
 McClintock J D—f 1 c
 McClur & Clendenen—f
 Muir J W—f
 Myall W—f
 Parrish D C—f c
 Payne W—f
 Thomas & Woodford—f
 Thompson W—f 1
 Webb W H—f
 Wilmoth & Varden—f

PIKEVILLE

Bevins V E—f
 Cecil S Marion—f 1 c
 Jackson C M—l
 Sawards Jas—f

PRINCETON

Akin J T—f
 Baker W R—f
 Dyer A—f
 Gardner D H—f c
 Groom M J—f 1 c
 Hanalson George—f
 Harrington B G—l
 Jacob D C—l
 Postrens Miss Georgia—f
 Richey T E—f

RICHMOND

Breck & Evans f 1 c
 Broadus Wm—f c
 Burnam R R—f c
 Crooke & Greenleaf—f
 Stone C T—l
 Turley R E—f c

RUSSELLVILLE

Andrew C W—f
 Clark Geo T—f 1 c
 Davis A S—f 1
 Edwards Russell S—f 1
 Evans T D—f
 Farrar W E—l c
 Linebaugh S W—f
 McCuddy R F—l
 McGill T W—f
 Morton J Cap—f 1
 Richardson Mack—f
 Trimble & Clark—f c

SHELBYVILLE

Armstrong G A & Co—f c
 Ballard & Son—f
 Ballard C W—f
 Collier & Harbison—f 1 c
 Coots & Davis—f 1 c
 Cowherd & Cardwell—f
 Goodman A R—f 1 c
 Hart Wallace & Co—f 1 c
 Kirk S S—f 1
 Maddox & Ballard—f 1 c
 Webber A M Jr—f

SOMERSET

Brown Tom—f
 Collinsworth H F—l
 Cook J R—f
 Denton D E—f 1 c
 Jenkins W H—l c
 Morrow & Morrow—f c

KY.—Somerset, Con. Mounce & Twaddle—f l c Neikirk Grouer—c Prather Co—f Smith B V—f	Newland R M—f l c Salin & Smith—f l Tribble W A—f Wearen W H—f l Wearen W H—f Woney J H—c	Burford Troyman—f Childers J H—f l Gray John M—f Nash, Hunter & Henton —f Price D B—f McMillin J W—l Nuckols S C Jr & Bro —f Ward H K—f l Wilhoit & Field—f l Williams & Harris—f	Buckner Miss Sarah F —f French Mrs Sarah—f Garner & Fitch—f Hodgkins J C—f Jouett Beverley R—f c Miller Mrs Mary—f Ogden W T—l Poynter J W—f Smith J H—f Strossman W H—f Strother N T—f c Thomas John H—f Tracy & Stokely—f Tucker Miss N H—f c Wycoff G F—f
SPRINGFIELD Bush J W—f l Lake & Foster—f l McElroy Jno I—f l McElroy & Wharton—f l c	VANCEBURG Bowman W P—f l c Campbell A R—l Parker A H—f William Geo T—f	WINCHESTER Allan J Harry—f Bedford Cas—f	
STANFORD Bromley & Bromley—f l c Foster C Hays—f l	VERSAILLES Berryman J H—f Browning C M—f		

LOUISIANA

LEON IRWIN & COMPANY, Inc. **Insurance**

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Fidelity-Phenix Fire Ins. Co. of New York
Stuyvesant Insurance Company of New York
National Fire of Hartford, Conn.
British America Assurance Co., of Toronto
Philadelphia Underwriters, of Philadelphia

United Firemen's of Philadelphia
First National Fire of Washington, D. C.
Concordia of Milwaukee
Phenix Fire of Paris
Maryland Casualty Company (Bonding Dept.)
Continental Cas. Co. Compensation Ins. Dept
New York Plate Glass Ins. Co. (of N. Y.)

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ABBEVILLE Beer Jacob—l Brooks J T—f l c Broussard J G—l Broussard O A—l c Broussard & Summers—f c Le Blanc & Samson—f McPherson D L—f l c Samson Chauvin—l Stebbins E M—f c	Ludlum J W—f l c Madison & Madison—c	BREAUX BRIDGE Domengeaux C D—c Guchereau T B—f Marrow L L—f Patkin R J—f Rees C C—f St Germain L C—f c	Coles Paul—l Crowley Insurance Agency—f c Egan Insurance Agency—f c Hughes W F—f Lawson W E—f l c White J E—l Williams Insurance Agency—f l c
ALEXANDRIA Alexandria, Bolton & Lewis Ins Agcy Ltd—f l c Chase & Co H B—f l c Gremillion B D—f l c O'Pry W J Ins & Real Estate Agcy—f l c Turner W B—f	BATON ROUGE Bacot D T—l Bates W P—l Bird & Ross—f Brady & Smith Ltd—f l c Brooks C M—f l c Day & Bynum—f l c Goudchaux J L—l Gottlieb & Percy Agency Ltd—f l c Greer F J—c Jones G Q—l Knox Mrs L B—c Knox N K Agency—f l c Mayer B S—f l c Mire M—l Progressive Ins Agency—f Reese W R—c Terry T F—c Vay F—l c Williams D K—l	BUNKIE Bordelon A J—l Bridenthall Wm P—l Galloway & Wilsford—f Haas & Marshall Insur. Agcy—f c Hughes A T—c Johnson R D—f c Keene Asa D—c Marshall R J—l Matthews Thos M—f l c West A B—f l West Ewell—c	DE RIDDER Cryar H F—l Gassett Tony—c Jones Ins Agcy—f Shaw Tooke Ins Agcy—f c Tooke Jam W—l
AMITE CITY Conner Miss Emma—f Craig W E—l Dees E W—f l Kemp H J—f Lifevra L—f McClendon H P—f c Sanders & Sanders—f Stern B—f	BERWICK Bondreaux A L—f Roberts W A—c	CLINTON Forrester H H—f l c Dilly J O—f White Jno A—f	DONALDSONVILLE Colomb L A & Son—f l c Duffel & Melancon—f Sims Ins Agency—f l c Thibaut John S—f c
ARCADIA Daniel Leo—f l c Goff & White—f l c White W L—l	BOGALUSA Branch & Keaton—f Dreufus, Sparling & Co—c Fussell Wm P—l Matthews C A—l Peters J T—l Purvis J B—l Roane Archie S—l c Sibley S W Jr—c Spekenbier Jno A—f c Sperling Louis H—l Stallcup Fred L—l Sturdevant A—c Tipton Mrs T E—l	COLFAX Boston J C—f l Crom J F—c Jeter S—l Roberts Earl—f	EUNICE Hammers W O—l LaCombe J Leer—f l c Labode A H—c Lewis & Hammers—f c Pigford W W—c Sanders Chas J—c Wyble Stanislaus—l
ARCOLA Goodbee A J—f		COVINGTON Aubert Robert L—f l c Nilson & Frederick Co Ltd—f l c	FARMERVILLE Baughman & Ramsey—l
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J. D. KITCHEN & BRO. GENERAL AGENTS

PROVIDENCE WASHINGTON INSURANCE CO., Providence, R. I.
VIRGINIA FIRE & MARINE INSURANCE CO., Richmond, Va.
PROVIDENCE UNDERWRITERS, Providence, R. I.

TEXAS, LOUISIANA AND MISSISSIPPI

AACHEN & MUNICH FIRE INSURANCE COMPANY, for Louisiana

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NEW ORLEANS, LA.

GIBSLAND

Colbert R & Co—f
Colbert & Langsford—c
Langsford Walter C—l
Moreland W H—c
Robertson & Felts—f
Robertson G W—l
Thorpe J C—c

GUEYDON

Neelis J G—f c
Stebbins & Robichaux—f
Theriot J R—l

HAMMOND

Bueler Mrs H M—f
Channell Agency—f l c
Neelis F E—f
Saint C A—f
Wright M B—f l c

HOMER

Bailey O P—l
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 White W M—f

DOVER

Anderson B B—f l c
 Ball F W—c
 Bartlett W H—l c
 Dinsmore D E—f c
 Flynt W W—l c
 Hall Robt E—c
 Holden H C—f c
 Howard G E & Co—f l c
 Mitchell G W—f
 Mitchell S G—f
 Munse S A—f
 Rideout W J—l c

EASTPORT

Beal W C—f l c
 Bradish Scott P Agency—f l c
 Hume C W—f l c
 Shea Wilbor A—f c
 Swett Jefferson M—f c
 Waide E S—l

ELLSWORTH

Burrill C C & Son—f l c
 Cunningham J A—l c
 Haines R C—f l c
 Heath Frank L—l
 Holmes M E—f l c
 Sowle B T—l c
 Mason C W & F L—f l c
 Tapley O W—f l c
 Walsh E J—f
 Whiting W E—f

FAIRFIELD

Crummett C H—f c
 Danforth Chas E—l c
 Dinsmore W E—l c
 Jackson N D—l c
 McFadden & Co—f c

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 Currier Geo M—f l c
 Mills S—f
 Voter & Knowlton—f l c

FORT FAIRFIELD

Klippel G H—l
 Lowery F J—f
 Perry H O & Son—f l c
 Richards H G—l
 Richardson Geo W—l
 Spear W T—l
 Trafton H W—l

FORT KENT

Bradbury George R—l
 Hetherington T H—l
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FREEPORT

Pinkham E E—f l c
 Soule W H—f
 Stulley W F—f

FREYEBURG

Merrill & Dresser—f
 Tarbox W R—f l c

GARDINER

Bailey Augustus—f c
 Chase A G—f l c
 Danforth F A—f
 Glass F M—f
 Grant V G—f l
 Jordan Aug H—f l c
 Littlefield F B—f
 Maxcy Josiah Sons—f l c
 Morrell H K & Son—f

GORHAM

Carll C E—f l c
 Carll E C—f l c

GUILFORD

Straw & Martin—f l c

HALLOWELL

Beane & Beane—f c
 Howard Charles H—f l c
 Merchant L D—f l c
 Otis S G—f
 Spaulding W D—f

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 Deane H W—f
 Emerson W W—l
 Leary John—f
 Miller J L—f
 Nason Chas A—f
 Packard E R—f
 Robinson H A—f
 Smith Arthur C—f
 Smith A R—f
 Ward Sylvanus—f

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 Donnell & Peabody—f l c
 Gentle Geo S Co Inc—f l c
 Harvey J R—c
 Holyoke Geo T—l

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Allen H H—f
 Bartlett C G—f
 Kyes L G—f

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Hinckley C S—f l c
 Look O W—f
 Mansfield G F—f
 Mansfield H A—l
 Norton U C—l
 Peterson M L—l

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 Cole C H & Son—f c
 Dane W E—c
 Fairfield E A—l c
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 Cole A B—f
 Dubaar C D—f
 Emery N E—f
 Keen Mrs Edna—f
 Mitchell Horace—f
 Shaw J H—f
 Stacy F M—f
 Swett H—f
 Wilson Geo O—f c
 Wilson T E—f

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Benson Willard—l
 Benson & White—f l c
 Boothby R P—l
 Brooks F W—l
 Callahan T F—f
 Campbell J Z—f
 Corrigan & Callahan—f c
 Cronin Paik J—f c
 Cummings S A—f
 Durgin L S—f c
 Durocher Hector—f l
 Emerson G A—f l c
 Fuller Bennett B—f
 Gastonguay A T—f c
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 Goggin & Marble—f
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 Huskins Geo H—f c
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 Langley E P—l
 Moran P P—l
 Sacre Emile—l
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 Reynolds Millard l c

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 Talbot E E—c

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Miller D—l
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Bradley Chas A—l
Bragg Allah C—l
Briggs Geo H—l
Brooks Ralph D—l
Brunell F—l
Bryant J B—l
Burke John O—l
Burke John S—c
Burns F E—l
Carrouthers W D—l c
Cassegrain Marie J—l
Cheney Charles E—l c
Cook A S—l
Cronkhite A L—l c
Davis H A—l
Deane Frank N—l c
Decker E E—l
Dewey George P—l
Dow & Pinkham—f c
Dunlap C Archer—l c
Ellis Geo S—l
Ely Chas E—l
Flaherty Thos H—f c
Foss Walter T & Co—f l c
Foye R F—l

Gaudeau H J—l
Gooding J M—l
Grant Freeman M—l
Hall Albert B—f c
Hagood L N—l
Hardy Philip—l
Harmon H A—f c
Hay Geo G & Co—f l c
Hayes Isaac A—l
Hazelton F H—l
Hazelton P T—l
Howison L L—c
Jewell M A—l
Johnson S W—l c
Jones E C & Co—f c
Jordan C E—f l c
Jordan Chester L & Co—f l c
Jordan Fred N—l c
Kalor E W—l
Kenserson Aaron H—c
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Leyden M J & Co—f
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Little Thos J—f
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Loring & Bishop—f c
McAlpine S H—l
McDonald Thos E—l
March B G & C M—l
Maxwell J W—l
Merrill Wm L—l c
Mills Fred I—l c
Moore Walter De C—l
Morin Henry E—l
Morse C O—l
Morse, Payson & Noyes—f c
Neale M H—l
Norton, Hall & Webster—f c
Norton Ralph S—f
Page C S—l
Page P J—l
Parkhurst A D—l
Peterson W O—l c
Plummer C A—f c
Plummer F H & C C—f c

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Sawyer Ira S—l
Sayward Chas E—l
Shaw L C—l
Shoemaker C B—l
Smith Geo E—l
Smith G Waldron—l
Smith Harry L—f l c
Smith W L & Co—f l c
Spofford J G—l
Stevens E J—l
Stevens J Putnam—l
Stiles M P—l c
Stiles William C—l c
Sturgis Geo W—l
Sullivan E J—f
Tenny Chas—l c
Thomas Dean S—l
Tilton J F—l
Tolman C E & Co—f
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Townsend L M—l c
Turner Barker & Co—f c
Turner E M—l
Turner Philip F—f
Wallace W P—c
Warren Carroll M—l c
Wart W E—f
Weeks C E—l
Whitmore W E—l
Willey, Ward & Haraden—l c
Winslow Harvey P—l c
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Hall Wm T—f c
Lovell G C—f

Newell C D—f
Randlette J W—f
Reed H C—c
Southard T J—c f

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Berry E W—f l c
Bird Maynard S & Co—f l c
Butler E A—c
Cobb Francis & Co—c
Cochran Baker & Cross—f l c
Cooper John F—l c
Gurdy H O—f l c
Hix H F—f
Meservey Mrs B E—f
Moran E C & Co—f l c
Orne Arthur L—f l c
Roberts Geo & Co—c
Shaw F M—f
Webster RA—c

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Gardner C S—c
Whittier C H—c
Whittier Ralph—c
Withee H L—f
Webster R A—c

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Deschenes Jos A—l
Hanson H W—l
Hicks W G—l
Holt H L—c
Inglish Chas R—c
Jones A E—c
Lovejoy E L—l c
McInnis Harold—f
Martin John B—l
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Rumford Falls Ins Agency—f l c
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Emerson John T—c
Emery Geo W—l
Foley D J—l
Grant Geo E—f
Hatch Chas Jr—f
McIntyre & Ricker—f l c
Milliken Geo W—f
Moses Mrs L—l
Nutter F W—f c
Preble Edward L—f
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Caddy W J—f
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Trussell Franklin—f

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Batchelder Bros—f l c
Chase Geo P—f c
Cunningham John A—l
Hutchins Will—l
Porell Peter F—l
Reynolds W E—c
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Chabot Joseph—l
Cleveland Alton H—f l c
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Folsom-Jones Chas—f l c
Griffin J C—f l c
McQuade John F—l
Pennell F P—f l c
Stinchfield Chas—f l c
Wentworth Herbert—f l c
Williams Fred A—f l c

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Davis R M—f c
Harrity M B—f c
Hersom F M—l
Hobbs C C—f
Hobbs James W—f
Knox E L—c
Mathes Ben A—c
Ouillette E—f
Ricker Mrs Maria—f l
Varney C Dean—l
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Tolman C E & Co—f l c
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Higgins R S—c
Johnson John H—f
Miles Dana H—c
Plaisted L C—c
Speare Wm F—f c
Thomas W G—l

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Low Frank—l c
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Burgess Zenas—f
Glidden D H—f c
Libby Thos E—c
Sanborn H L—l c

VINALHAVEN

Arey H T—f
Burgess Zenas—f
Glidden D H—f c
Libby Thos E—c
Sanborn H L—l c
Smith Adelbert—l c

WALDOBOROUGH

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Farrington E—f c
Howard Ins Agency—f c
Richards Wm A—f l c
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Posey C R—l
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Riall Jackson Co The—
f c

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—f c
Richardson Geo I—l c
Riggs-Rossman & Hunter

Inc—f c
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Rohrer J G—f
Rose D H—l
Rothschild Moses—l
Rynick Geo M—l
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Savage F A—l
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Schaffter R C—l
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Selden Bitter Co Inc—f
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—f c
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Shaw Fred—l
Sheppard J F—l
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**STATEMENT OF CONDITION****JANUARY 1ST, 1915****(MASSACHUSETTS STANDARD)**

Assets	-	-	-	-	\$1,402,544.34
Liabilities (including Capital)	-	-	-	-	1,159,712.88
Net Surplus	-	-	-	-	242,831.46
Capital	-	-	-	-	\$500,000.00
Net Surplus	-	-	-	-	242,831.46
Surplus to Policy Holders	-	-	-	-	\$742,831.46

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Ide Chas M—l
Ide Henry J—f c
Jackson W E—l
Jaquith Wm H—l
Johnson E J—f c
Johnson F M—f
Johnston F X—f l c
Johnson S T—l
Johnson Wm C—l
Johnson Wm S—l
Jones J D E—l
Jordan, Lovett & Co—f
Jordan W T—f
Kaler, Carney, Liffier & Co—f l c
Keenan M—l
Kelley S L—f
Kelley Thos A—l
Kellogg H—f
Kemp Arthur F—c
Kenney B F—l
Kew Arthur J—l
King R—l
Kline W B—f
Kollock, Rice & Co—f
Kollock Wm B—f
Lackey H—l
Lake James H—l
Land C O—c
Lansen S A—l
Larrabee H L—l
Lauler W A—f
Lawson S A—l
Lee R Jr—f
Lee Thos C—c
Levis Wm—f

Lewis T H—l
Lewis W H—f
Lewis Wm—f
Lincoln C R—l
Linscott O E—l
Lockwood Geo W—f
Lord E A & Co—f c
Loveitt J—f
Lovejoy A K—l
Luce F B—f
Lucey F G—l
M'Coy Geo M & Sons—f
McDowell Corwin—l c
McEvoy W J—f
Macomber A G Jr—l
Macomber Chas E—f
Macomber Frank Gair—f l c
McGaffey Geo W—l
Mackay B F C—l
McLeod V K—c
Maguire Frank—l
Mallory W E—l
Mann F C—l
Mann J M—l
Manning E G—l
Marsh Edw—l
Marsh F—l
Mason C H & Co—c
Masters F W—l
Matthews F W—f
Meade John Paulding & Co—f c
Mears W N—l
Melendy C F—f
Messenger J W—l
Miller C C—l
Mills A H—f
Mohar M L—l
Moore Carlo B—l
Moore F S—c
Monroe M D—l
Morgan Henry T—l
Morand A C—l
Morse G A—l

Morss Sargent—l
Mosher H G—l
Muller W A & Co—f
Murphy F A—l
Murphy J S—f
Murphy A J—f
Nash Henry R—l
Nason F E—l
Neal W B—f
Neiley Geo—f
Newhall W I—l
Norris Wm H & Son—l c
Nourse W L—l
Nutt F A—f
O'Brien, Russell & Co—f c
Olive G M Jr—l
Olive Wm M—l
O'Neil & Parker—c
Osborne S L—l
Osgood D E—l
Paige John C & Co—f l c
Palmer C D—f
Partridge F T—l
Patterson, Wyld & Win—del—f
Perry G L—l
Phelps F S & Co—f c
Phelps Jas T & Co—l c
Philbrick E F—c
Pierce C W—f
Pierce M W—l
Pitt F H—l
Plummer H M—l
Plummer Henry M—l
Plummer H H—f
Plympton & Bunting—l
Pomeroy C M—l
Porter W & Co—f
Putnam Wm E—l
Pyne Chas H—l
Rabbitt W F—c
Rafter J S—f
Randall, McCarthy & Co

C. C. PATTERSON
HENRY H. WILDER

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G. HERBERT WINDELER
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Boston, Mass.

Tel. Main 4343.

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Allianz Insurance Company.

AUTOMOBILE

Royal Exchange Assurance Corporation.

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Delaware Underwriters of the Westchester Fire Ins. Co.

Mannheim Insurance Co. of Mannheim, Germany

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H. E. RUSSELL
R. J. DUNKLE

S. B. REED
JOHN A. CURRAN

GERALD H. NOONAN
JOSEPH B. RUSSELL, JR.
BAYARD TUCKERMAN, JR.

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Boston, Mass.

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St. Paul F. & M. Ins. Co., Minn.; Newark Fire Ins. Co., N. J.; City of New York Ins. Co., N. Y. City; Nord
Deutsche Ins. Co., Ger.

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Western Assurance Co., Toronto; St. Paul F. & M. Ins. Co., St. Paul, Minn.; British America Assurance Co.,
Toronto

Raymond & Whitcomb—l
Reid R A—l
Retan F S—l
Rhoades S—f
Rice & Whitney—f c
Rice C H—f
Rice W F—f
Richards T C—l
Roberts C E—c
Roberts G W—f
Robinson Godfrey H—l
Rocheport Leo—l
Rogers C M—l
Rogers & Webb—f c
Rogers Jos F—l
Rogers & Howes—f
Rosencrantz-Hugard Co
—f
Rowe Frank E—l
Russell & Fairfield—f c
Sanborn F C—l

Saville F E—l
Schacht Robt. H—l
Schwab Emile—l
Scollard G W—l
Shachford C L—l
Shadman Wm G—l
Shaw Edwin W—l
Shaw Geo—f
Shiverick P N—l
Shore E W—l
Sewall Albert W—f
Shall Mrs F E—l
Sheffield E J—l
Silver E E—l
Simpson, Campbell & Co
—f c
Simpson A K—f
Sly H B—f
Slade A K—f
Smith C A Jr—l
Smith D L—l

Smith L E P—l
Souther G W—l
Spillane G H—l
Stanton F A B—l
Staples H C—l

Starkweather & Shopley (Inc.) Fire, Marine and Casualty Insurance 45 Kilby Street

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Ill. List.)

Stephenson B K—l
Sternberger I G—l
Stevens F H—f

Stevens H G—l
Stevens H S—l
Stevens R E—f
Stewart Ray P—l
Stevens S S—l
Stickney G A—f
Stratton F H—l
Stratton Frank H—l
Strong W P—l
Sullivan E J—f
Sutherland D W—l
Swain S B—l
Sweeney W J—l
Swett J P—l
Swett V B—l
Tapley H S—l
Taylor P W—l
Terry Henry B—f
Thacher Eben A—l
Thacher Frank C—l
Timson H H—l

SIMPSON, CAMPBELL & CO., Managers

Managers New England Department

American Central Insurance Co., St. Louis

Mercantile F. & M. Underwriters Agency

Detroit F. & M. Insurance Co., Detroit

Michigan F. & M. Insurance Co., Detroit

Maryland Casualty Co., Md.

111 Milk Street Converse Building Boston, Mass.

MASS.—Boston, Con

Tongas E H—l
 Tongas L H—l
 Tongas N E—l
 Tongas W L—l
 Tower B C—l
 Tower G A—l
 Townsend C E—l
 Toward F C—l
 Trull Wm T—l
 Tumbley P E—l
 Van Huysen W J—l
 Voodry J A—l
 Wadsworth W W—f
 Wagner W O—l
 Waldron H E B—f
 Walker E A—l
 Wallace W—c
 Walter R O—l
 Warren Nathan—l
 Warren Winslow Jr—c
 Warren, Meade & Gale—f
 Waters B G—c
 Weed A J—f
 Wetherbee F A—f
 Wheelock & Serrat—f
 White Jas G—l
 Whittemore F H—l
 Whittemore O R—l
 Wiley H A—f
 Williams W G—l
 Wilkins C H—f
 Wilson A E—l
 Wilson A H—f
 Winchester Edmund—f
 Winkley W H—f
 Withington F C—l
 Woalard A J—c
 Wood A M—f
 Wood F H—l
 Wood F R—l
 Woodcock F W—l
 Woodside C—f l c
 Worthington H H—f
 Worthley H R—f
 Wylie A M—l

BRAINTREE

Cummings C B—f l c
 Hannaford C S—f
 Hobart C H & Son—f c
 Sampson Geo E—f c
 Vinton H B—f

BRIDGEWATER

Boyd Wm A—f l
 Churchill E—f
 Cushman Edgar E—c
 Freeman William—f
 Keith J W—l
 Lowe Lewis G & Son—f l c
 Lyon Harold S—c
 MacMaster Edward A—c
 Sweet F E—c

BROCKTON

Battles David W—f l c
 Beals Wm E—f l c
 Blanchard H L—f
 Boyden W A—f l c
 Bryant W C—f
 Clapp C G & Co—f l c
 Clemons & Peterson—f l c
 Davidson J J—f l c
 Dolan P S—f l c
 Droham E W—f l c
 Fisher Geo E—f l c
 Fullerton & Shaw—f l c
 Gordon John H—f l c
 Holmes F M—f l c
 Jones H S—f l c
 Madden J J—f l c
 Neasey E P—f l c
 Poole H A & Son—f l c
 Puffer L W & Son—f l c
 Ripley H C—f l c
 Scott J V—f l c
 Steele E K

Stedman G W—f l c
 Thompson W M & Co—f l c

BROOKFIELD

Cattle H E—f
 Franquer F F—l c
 Goodell Bros—f

BROOKLINE

Abbott G H & Co—f
 Atwood, Pattee & Potter—l
 Baker E W—f l c
 Bamford A J—f
 Barton C D—f c
 Barton S E—f c
 Bennett H D—f
 Brewer C & Co—f
 Brown D F—l
 Bucklin W S—f
 Burgess Hollis—f
 Cabot, Cabot & Forbes—f
 Cady W H—l c
 Carpenter E H—l
 Cate Martin L—f
 Clark H M—f
 Codman & Street—f
 Coffin & Taber—f c
 Coffin L E—f
 Cohen Mrs Ida S—f
 Conroy J J—f
 Cook Thos F—f
 Dalton J H—f
 Davidson W A—f
 Davis L S—f
 Downs David—c
 Duncan S W—f l
 Emmes A B—f
 Ferguson W J—f
 Fisher O P—f
 Fuller Clarence E—f l c
 Gardiner J P—f
 Gilbert S—l
 Gleason H E—c
 Goodwin F E A—t c
 Harberger J L—f c
 Harrison W P—l
 Homer J W—f
 Johnson A K—f
 Johnstone Geo W—f
 Kingman M—f
 Kirker J E—f c
 Knowlton E H—l
 Lincoln Wm & Son—f
 Livingston H Jr—f
 Love W J—f l c
 Lyon E—f
 MacKenzie Robt—f
 McKissock A—f l c
 Marshall B L—c
 Monk Carl F—f c
 Moon S N—c
 Morrill Miss Lucy M—f c
 Newhall G B—f
 Nourse Winfield L—f l
 O'Brien & Russell—f
 Parrott L H—l
 Parker Geo S—f
 Perkins F H—f c
 Read H C—f c
 Richards E E & H N—f
 Richards F W—f l
 Richardson B P—f
 Rogers Geo E—f
 Rogers G R—f
 Russell F A—f
 Sargent A H Jr—f l c
 Schacht R H—l
 Sears W B—f
 Sharp Edward & Son—f c
 Squires H N—f
 Swett V B—f
 Thayer A E—f
 Townsend R E—f c
 Wadsworth C D—f l c
 Wadsworth P B—f
 Wallace Wm—f c
 Wilkins C W—f c
 Wing Mrs M M—f
 Wood H A—f

CAMBRIDGE

Ahern J J—f c
 Bird H & Co—f c
 Brassil T J—f
 Brooks W F—f
 Burrage W E—f
 Carrick G H—f
 Clark Joseph—f c
 Conley J J—f
 Cooledge E C—f l c
 Crowther T M—l
 Cunningham Bros—f
 Dow Geo L—f
 Flamand & Lynch—f
 Francis M W & Son—f
 Gawn Thomas—f l c
 Giles G A—f l c
 Grover L B & Son—f
 Hastings W B & Co—f c
 Henderson A R—f
 Howlett H B & Co—f
 Katon L H & Co—f c
 McClosky & Hart—f
 Melledge R J—f
 Montague C H—f
 Myles T F & Co—f
 Norris F W & Co—f c
 Phalen Otis E—f
 Phelan W T—f c
 Raymond T H—f l c
 Ryan D A—f c
 Stewart A M & Co—f l c
 Thurston C H—f
 Walton M L—f
 Wardwell Walter C—f

CAMPELLO

Packard S F & Son—f c
 Ripley H C—f

CANTON

Dockray M J—f c
 Hill T J—f c
 Tirrell Arthur—f c

CHARLEMONT

Hicks H A—l c
 Sherman Homer—f
 Walker H T—f l

CAMPELLO

Packard S F & Son—f c
 Ripley H C—f

CHATHAM

Bearse E T—f l c
 Eldredge Nathaniel A—f
 Freeman C A—f
 Harding Alfred—c f
 Nickerson J A—f

CHELMSFORD

Warren A M—f l

CHELSEA

Chamberlain Prescott—f l c
 Gates A E—l c
 Gould Jesse & Son—f c
 Guild Geo B—f
 Hayes G I M—f
 McCann J A & Co—f c
 Pratt Walter—f l c
 Sullivan D H—f
 Wentworth R S—f

CHICOPEE

Abbey Chas C—f
 Caron Leafred H—f
 Dalton Mary C—f c
 Davis Edwin L—f
 Dickinson N A—f
 Enright P J—f
 Fontaine W F—f
 Fuller W J—f c
 Granfield John E—f
 Grady & Stanton—f l
 Gendreau H—f
 Hinkley F L—l c
 Hobart Roy F—f

Houlihan M B—f
 Kelly John J—f
 Lahey M J—f
 Lyman Stuart F—f
 Manchester Louis W—f l
 Morse H Austin—f
 Ohusman John H—f
 O'Neil Eugene J—f
 Provost H D—f
 Ritter Herman—f

CLINTON

Ayers & Hammond—f l c
 Baer Bros—f
 Cannon P F—f l c
 Dame J T & W R—f l c
 Finnerly Thomas E—l
 Gentsch Chas H—f l c
 Jordan G V—f l c
 Linton Joseph L—f
 McNamara & Coughlin—f l
 Merrick S R & Co—f l c
 O'Toole W J—f l c
 Stevens Chas G & Son—f l c
 Thissell H A—f
 Witmann A—f

COHASSET

Lothrop Caleb—f
 Lothrop A F B—f
 Tower Burgess C—f l c
 Tower Benj C—f l

CONCORD

Appleby J M—f
 Fowler L N—f
 McWalter Maurice—f l c
 Russell George G—f l c
 Tolman & Holden—f c

DANVERS

Allen A C—f l c
 Ayers W M—f l c
 Bodwell O R—f l
 Carroll John T—f l
 Farrington Geo C—f l c
 Finnessey R T—f l c
 Fuller A E & Co—f l
 Newhall Walter—f l c
 Pope Guy P—f l c
 Tapley C Ralph—f l c

DARTMOUTH

Sloum Frederick A—l

DEDHAM

Clark Rob J—f
 Endicott Eugene—f l c
 Hayes & Welch—f
 Hill Don G—f
 Hill Wm F—f c
 Humphrey H D—f l c
 Kimball F W—f
 Murray Thos P—f l c
 Schulz Adolph F A—f l c
 Thayer Arthur E—f l c
 Warren Winslow Jr—f l c
 Young Geo H—l c

DENNIS

Baker W F—f
 Edwards J P—f
 Loring H D—f

DOUGLASS

Bind F H—f l c
 Wixtead Jas W—f c

DUXBURY

Green Alfred E—f l c
 Stearns Geo H—f

EAST BRIDGEWATER

Edson M Clifton—f c
 Mann Chas F—l
 Whitmarsh E S—f

EAST DOUGLASS

Bird Frank H—f 1 c
Wixted J W—f

EAST HAMPTON

Burkner Geo S—f 1 c
Egan Edward P—f 1 c
Gough Fred J—f 1 c

EAST PEPPERELL

Fletcher D W—f
Hutchinson C D—f
Kittridge Ingalls—f
Slaney Wm H—l

EAST TEMPLETON

Ingalls Chas E—c

EAST WEYMOUTH

Chubbuck C H Jr—f
Garey Minot P—f 1 c
Tirrell H A—f c

EVERETT

Blanchard A E—f
Boutin Geo W—f
Fall E R—f c
Jennings & Co—f 1 c
Noyes Edw B—f
Rich F B—f c
Sears A W & Son—f c
Wood Geo H—f
Woodruff James D—f c

FAIRHAVEN

Tripp Job C—f 1 c

FALL RIVER

Audet A L—f c
Beckett—J. Fred—f 1 c
Besette A M—f
Booth N E—c
Buffington James N—f 1 c
Chase & Stafford—f 1 c
Cole E J—f c
Cook C C—f 1 c
Cunneen James E & Co—f 1 c
Davis C H—f 1 c
Desjardins G T—f 1
Doyle P J—c
Duckett James—f
Duffee Geo N & Sons—f 1 c
Greene & Son—f
Hadley Chas McL—f 1 c
Haffards G M & Co—f 1 c
Hall Jas L—f 1 c
Hamby A Lincoln—f 1 c
Hickey Wm J & J H—f
Hood A H & Co—f
Hood George M—f 1 c
Howland A G & W J—f 1 c
Lyons & Reagan—f
McNeil H T—c
Mercer Peter—l
Murphy E F—f
Paradis J B—f c
Pierce H M—c
Renaud A—f
Slack Walter—f 1 c
St Dennis Oliver—f
Slade John P & Son—f 1 c
Thomas E H—f 1 c

FALMOUTH

Hewin—W H
Jones G W—f

FITCHBURG

Aironen Henry—f
Ainott Clarence—l
Ayer Wm E—l
Batchelder C A—f
Bullock W S—f
Deschenes N M—f c

Faxon, Ayer & Smith—f

1 c
Faxon John G—f 1 c
Gove H F—f c
Hatch H A & Son—f 1 c
Heisson Alexander
Hersom E L—f 1 c
Illingworth & Son—f
Longley E Le Roy—f 1 c
Markham S J—f 1 c
Morrison W J—f
Pinkham E F—l
Putnam Wm S—f 1
Putney W E—f c
Quinlan C J—l
Quinlan J W—l
Kawson Pardon R—f

Reynolds Henry A—l
Robinson D A—f 1 c
Russell W K & Co—f 1 c
Sawyer S W—l
Shea J J—f
Silvey Wm—l
Sleeper N B—l
Smith J H—l
Tinsley David W—f 1 c
Vandewarker Chas H—l
Welch L R & Co—f
Wilson Chas F—f 1 c
Wilson Kenneth—f
Wilson Walter P—f c
Woodcome, Paul J—f 1 c

FLORENCE

Baker George N—l c
Beals Geo L—f 1 c

FOXBOROUGH

Carpenter Friend P—f
Gove J Wm—f
Hodges & Sherman—f c
Newton Howard E—f c

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Adams C S & Co—f
Adams J S—f
Twombly H F—l

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Feeley C A—l
Fitzpatrick C H—l
Gallivan & O'Donnell—f
Hutchinson Chas D—f
Johnson Wm S—l c
McNeil Oliver—l
Metcalfe H L—f
Neelon W R—l
Piper C G—l
Shiner Frank—f
Stewart Chas L—f
Whitney C O—c
Woodward Palmer A—f 1 c

GARDNER

Bengtson P A—f
Carney F H—f
Carney Joseph P—f c
Chapin W S—f
Edgell C N—f c
Ekblad Emil—f
Gonyeo B F—l
Goodspeed Geo D—l c
Greenwood Bros—f c
Hilchey T E—l
King J—l c
Minott G L—l c
Pehhison Herman—f
Perreault & Dorval—f c
Regan Daniel—f
Richardson C F & Co—f c
Rosenberg A—f
Ryan Bros—f c
Ward J A—l

GEORGETOWN

Andrews F P—f
Jackson J F—l
White J F—f

GLOUCESTER

Babson Fitz J & Co—f 1 c
Cunningham & Kerr—f 1 c
Dolliver W C—f
Johnson John A & Co—f
McEachern Donald—f c
Presson Alfred—f
Steele Richard C—f c
Strople Geo E B—l c

GT. BARRINGTON

Barnes C D—c
Bell C Roy—l
Bichwell O C—c
Briggs Frank H—l c
Burke W J—l
Collins A C—f c
Day W Taylor—f c
Heffernan W H—f
Joyner H C—f
Joyner H N—f c
Remington F A—f 1 c
Sanford W B—f c
Trusedell F M—c
Wheeler & Taylor—f 1 c
Wright & Frein—f 1 c

GRAFTON

Dodge Joseph A—f 1 c
Fishe D L—f 1 c
Leonard Robert S—l
Prout M H—f 1 c

GREENFIELD

Donovan Georgia A—f
Lawler Bros—f
Packard C F—f
Packard Henry D—f
Simons Henry K—l
Snow Frank H—f 1 c
Stimson & Co—f 1 c
Ulrich F H—l

GROTON

Gerrish E B—f
Shattuck G W—f
Taintor H F—f

GROVELAND

Lanen S A—l
Woodbury L A—f

HANOVER

Flynn Wm—f
Little Melvin—f

HARWICH

Clark Chas R—l
Kelley Wm L—l c
Kendrick Thos W—l
Moody James M—f
Small Samuel—f c
Weeks A L—f

HAVERHILL

Adams J Fred—f
Balch E A—l
Bassett S C—l
Barrows C A—f
Campbell Lyman L—f
Davis John F—f
Davis W H—f
Fitts E A—f c
Frankie & Tilton—f c
Gardella Joseph—f
Glover C F—f
Goodwin D M—f
Hamlin F S—f 1 c
Harding A G—f 1 c
Hyde Nellie J—f
Kelly C O—f
Kimball Geo E—f
O'Neil C J—f
Martin George W—f
Nealey Geo F—l
Nichols M G—f
Norwood G M—f
Page W H—f

Rand F N—f

Smith Fred R—f
Veasey A G—f
Watson F E—f

HAYDENVILLE

Purrington W—f 1 c

HINGHAM

Cushing H W—f
Foster Walter B—f
Henderson G O—l
Loring E B—f
Newell F E—f
Spooner J W—f

HOLBROOK

Brady John—f 1
Holbrook Frank—f
Underhay John—f
White Walter E—f 1 c

HOLLISTON

Meador A—f c
Phipps A E—f c
Razee Lloyd E—f 1 c

HOLYOKE

Allyn E H—f c
Clarke E C & Co—f 1 c
Cleveland H B—f 1 c
Cornwell I W—c
Crean Jas E—l c
Dowd Jas J—f 1 c
French A E—f 1 c
Gilligan P J & Son—f c
Goddard Joseph D—f 1 c
Goodchild A L—f 1 c
Holbrook F H—f c
Hurlburt A P—f c
Johnson Chas W & Co—f 1 c
Judd Dwight O & Co—f 1 c
Judd & Parsons—f 1 c
Lauckner O G—f
Koehler Paul—f
Kenney E J—f c
O'Connell J H—f c
O'Neill L A—f 1
Potvin G & Son—f 1 c
Sba J F Jr—f
Stansfield Thos & Son—f
Twing E L—f 1 c
Woods J H & Co—f

HOPEDALE

Knights Wm W—f c

HOPKINTON

Adams E H—f
Day D P—f
Phipps J H—f

HUDSON

Courtmarsh Henry—f
Rose Daniel D—f 1 c
Welsh & Parker—f 1 c

HYANNIS

Beurse J C—f
Case W L—f
Chase E L—f 1 c
Chase Walter—f
Cook Irving W—l
Keyney J—f
Phinney T F—f
Thacher Eben A & Co—f 1 c
Thacher Frank—f
Thacher Frank G—f 1 c

INDIAN ORCHARD

Gleason Albert M—f
Larivere O A—f
Rientford Louis—f

MASS.—Con.**IPSWICH**

Barker G Adrian—f l c
Blake John A—f
Brown A S—f l c
Cogswell & Safford—f
Duprey W E—f c
Fellows Jos E—f l c
Hull Chas G—l
Schofield Geo A—f
Witham Fred S—l
Woodbury C P & Co—f l c

JEFFERSON

Merrick E W Ins Agcy—f l c

LANCASTER

Merrick S R & Co—f l c

LAWRENCE

Andrew Frank M—f c
Arundel Edward L—f
Austin Geo M & Co—f c
Bevington Thos & Sons—f l c
Bradley Chas E & H J—f
Burke M J—f
Campopiano Jeremiah—f
Carroll Michael—f
Ewart James B—f
Hartley George—f l
Heald A E—f
Hurley John J—f
Jacquith W H—l
James J F—f
Lazarus W S—l
Lindnever W B—f
Long James T—f c
McCarthy Eugene A—f
McLaughlin J J—f
Mack A E—f
Maney Thomas A—c
Mathes Louis—f
Morson W H—f
Murphy Maurice A—f
Norwood John K & Co—f l c
O'Connell Barry T—f c
O'Sullivan J T—f
Parker J O & Co—f
Porter F L—l
Powell J S—f
Rand F N—f
Roberge, Blanchette & Co—f
Safford J H—f
Saunders A R—f l
Sullivan J J—f
Sullivan M F—l
Walsh L E—f
Whitney Frank P—c
Whitney Wm A—f
Winlow E N & Co—f
Woodbury & Daly—f

LEE

O'Brien Jas—f l c
Gale, Durant & Gale—l c
Pease M H & Co—f
Rogers Edward F—f l c

LEICESTER

Munroe Chas T—f c

LEOMINSTER

Colburn James & Co—f
Conant H L—l
Dow Henry S—f c
Gates J W—f
Hanna J A—f
Killelea P H—f l c
Leslie W H & Co—f
Lockey W T—f l c
Merriman Russell—l c
Miller Geo F—f c
Putnam Wm A—f c

Russell W F—f l c
Tyler J J & Co—f l c
Uhl R J—c
Woodworth M S—f l

LEXINGTON

Brown B F & Son—f
Hill Willard C—f
Hunt Wm—f
Marshall A A—f
Reed W W—f
Taylor Geo W—f
Worthen Edwin B—f l c

LOWELL

Achin Henry M—f c
Adrian J H—c
Boyle J H—f
Brady F W—c
Brogan Frank M—f c
Brown J P—l c
Brown W D—f
Byam Bros—f
Campbell Abel—l
Clegg Frederick—l c
Chenevert N L—l
Church Fred C—f l c
Collins & Hogan—f c
Connelly J F—f c
Corey Milton R—f l
Cosgrove Daniel—f c
Dickey Thomas L—f l c
Dodge C P—f
Dodge W E—f
Donohue Joseph F—f l
Dupont Ernest J—f c
Flannigan D J—c
Fleming J L—f
Hidden M N—l
Gordon N C—c
Green L V—l
Guyette Walter E—f
Harrigan Geo M—f
Kennedy R A—l
Kimball G D—f
Lee Thomas C & Co—f l c
Littlefield & Co—f l c
Mackenzie C S—l
McNamara & Sullivan—f c
Miller Henry & Son—f c
Mullin J Eugene—f c
Murphy Dennis A—f
Murphy Frank Brown—f
Norcross & Leighton—f l c
O'Brien D J—f c
O'Dowd H J—f
Parthenais W A—f c
Peabody Joseph—f c
Redway C B—l
Robbins Martin & Son—f
Sanborn Warren F—f
Sharkey M J—f l c
Slattery E F Jr—f c
Smith Henry A—l c
Taft H C—f c
Tucke E M—f c
Trull W T—l
Whidden Graham R—f c
Wildner H H—f c
Woodworth F G—l
Wright Herbert A—f c

LUDLOW

Birnie George A—f
Burr Frederick L—f

LYNN

Atkins Frank W—f
Barry Wm J—f
Reed Geo W—f c
Bresnahan John L—f l c
Burrill Wm S—f
Callahan Wm—f
Cotter Jas & C—f l c
Cross Chas A—l
Cunningham Jos H—l
Davis M T—l
Day Joseph F—f c

Farquhar, Norris & Black—f l c
Fumer Harry—f l c
Goodridge Chas S—l c
Hearne John A—f
Herbert Geo C—f l c
Hickford A W S—f l c
Higgins Geo C—c
Hollis John H—f l c
Johnson & Fox—f c
Kenneally & Lima—f l
Kilvert Thos L—f l c
Knight Thos B & Co—f c
Lemmon Jas J—f l c
Long John T—f l c
McCarty & Phelps—f c
Maloon Clarence B—f l c
Moran Daniel J
Myrick E M—f c
Newhall Geo H—f
Newhall Loranus C—l c
Newhall Wesley I—l
Noera Ernest L—f
Otis William H—f
Paul Henry C—f l c
Pearson John B & Son—f l c
Pitman Benj—f
Porter Thos F—f l c
Sisson Robt & Son—f
Smart Stephen—f l c
Stiles J Harry—f l c
Tarbox Jas E—l
Thorburn George—f l c
Tillson & Vitale—f l c
Turner Harry T—f l c
Vitale John B—f
Woodbridge Chas G—f l c

MALDEN

Buckley H A—f c
Carney Clarence E—f
Coburn D J—f
Corbett & Wise—f
Damon Alex D—c
Davenport W E & Son—f l c
Dennett C E—f
Howard Chas W & Son—f l c
Pacquit Clement—f
Peck C A—f l
Peterson F E—f
Prescott C R & Son—f c
Sawyer Conrad—f
Sawyer Hattie A—f l
Serrat Wm D & Son—f
Sterling J F—f
Stevens E A—f
Sweet J P—f l c
Welsh Willard—f
Woodside C L—f

MANCHESTER

Floyd L W—f
Johnson W J—f l c
Willmington G E—f c

MANSFIELD

Fairbanks Francis D—l
Halliday John R—f
King Herbert E—f c
Shepard Albert L—f l
Sherman Walter I—f

MARBLEHEAD

Cole Benj—f
Hathaway Gardner R—f c
Sicc Chas A—f l c
Trefey Wm D—f

MARLBOROUGH

Burke Thos S—f l
Cook Clarence A—l
Dalton John—f l c
Donahoe J H—f l c
Evans E A—f c
Fay Heman S—f
Frye L M & Co—f l c

Holyoke & Russell—f l c
Hurley James M—f l c
La Plante G J—f
Lowell H N—l
McCarthy & Regan—f l c
Mildon F R S—f c
Mitchell John F—f c
Otterson J F J—c
Nourse C W—l
Richards A C—l
Temple Winfield—f c
Wheeler Lewis A—f c
Williams C E—f l c

MAYNARD

Coughlan Arthur J—f
King John C—f
Walker A E—f c

MEDFIELD

Allen Alex—f l c
Bartlett Mrs A H—f
Ryan W C—f l c

MEDFORD

Buss C B—f
Cole G S—f
Fifield W W—f
Gibson R—f
Goodwin J O—f l
Green Geo W—f c
Morrison Jas—f
Ober Jos E—f
Ober Wm E—f
Peters Edw M—f l c
Pierce E G—f l c
Pierce M W—f l c
Saville F E—f
Sleeper Fred W—f
Tainter Albert H—f l c
Wade J F—f
Wellington Geo A—f l c
Wilber N E—f
Willmot Alfred G—f c

MEDWAY

Hitchcock & Woodward—f l c
Snow Lucy—f l c
Upton Wm H—f

MELROSE

Baker Geo D—f l
Bonart Louis J—f c
Briry W S—f c
Burke Geo W—f l c
Burrell W A—f
Collamore D C—f
Dearborn G H—f
Dow M J—l
Dyer J Hewes & Son—f
Ellison C W—f
Everett F E—f
Farnsworth M L—f
Folsom W N—f l c
Hatch Fred L—f
Hatch John C—f l c
Hill C F—f l c
Ide C M—l
Johnson Henry E—f c
Kilgore R D—f
Larrabee John—f
Lucy Daniel J—f c
McCoy Geo M & Sons—f c
McDaniel J S—f
Madden John H—f c
Nowell J T—f
Reed Chas F—f l
Sewall Albert W—f
Spear F R—f c
Swett & Lovejoy—f c
Upham F R—f
Woodland Geo W & Co—f c

**MELROSE HIGH-
LANDS**

Burke George E—f l c
Burke Geo W—f l c

Folsom W N—f 1 c
Kilgore R D—f
Nowell J T—f
Woodland Geo W—f c

MERRIMACK

Heath Clifton B—f c
Merrimack Ins Agency—
f c
Rand F N—f

MIDDLEBOROUGH

Alden J F—f
Drake R G—f 1
Hathaway C L—f
Keith Percy W—f 1 c
Maddigan R L—f 1 c
Reed Annie M—f
Robinson Miss Elizabeth
—f
Ryder Charles—f
Ryder T M—f
Sullivan D D—f 1 c
Sullivan J V—f
Wood T N—f

MILFORD

Bixby Frank A—1
Cunniff J H—f
Daniel Henry A—f c
Doane Paul—f
Hayden Lewis—f 1 c
Haynes G—1
Hickey Joseph F—f 1 c
Mann F E & Co—f c
Murphy T—1
Murray James Jr—f
Spaulding I R—f
Walker & Co—f 1 c

MILLBURY

Cassidy Ed—1
Goddard Ira N—f c
Roberts & Undergraves
—f
Tebeau Wm H—f 1

MILTON

Ames S B—f 1 c
Bishop W C—f
Bolles F C—f
Bradlee J W—f
Breck Ins Agency—f
Burke Chs S—f 1 c
Draper J S—f
Ellsworth A J—f 1 c
Harlow W N—f c
Monroe M D—1 c
Parsons W D—f
Waitt Chas G—1 c
Wood W—f

MONSON

Ball F—f
Faulkner & Moran—f 1 c
Peck C L—f 1 c

MONTAGUE

Johnson F O—f

NANTUCKET

Brock Albert G—f 1 c
Cash S C—c
Crowley C H—c
Dawson A—1
Jones Arthur W—f
Ramadell M L—1
Smith H P—c
Tobey H A—f
Winslow A T—f 1

NATICK

Burleigh O H & Co—f 1 c
Craig John H—f 1 c
Farwell Edwin—f 1 c
Flak Thomas—1
Forbush Gay le T—f
McGrath Michael F—f
Whitney H H—f 1 c
Yeager F E—f c

NEEDHAM

Bowers E H—f
Laton Geo E—f
Hollis Stanley M—f
Kittredge F R—f
Mercer A J—f
Mitchell G E & Son—f
1 c
Moseley W G—f
Parks Wm A—f c
Shugg H W Jr—1
Thorpe F E—f
Wragg Samuel H—f

NEW BEDFORD

Aindow John H & Co—
f 1 c
Allock John—1
Ashley C S Jr & Co—
f 1 c

Bonney C T Sr—1
Bosworth C T—c
Brownell G K—c
Chase Wm R—f 1 c
Conniff J A—c
Cook J S—f 1 c
Cornish C H—f c
Costa Henry—1
Daigneau J M—1
Demers J B—1
Farrar W F—c
Francis Arthur S—f
Goddard A C—f 1 c
Goddou O C—c
Hadley A W—1 c
Halliday W A—f
Houle D A—c
Hoye Jas F & Co—f 1 c
James A S—f 1 c
Jones J E—1
Kennedy J C—1
Knapp R E & Co—f 1 c
McCann Wm—f
McKowen E F—1
Mitchell Chas—c
Morae J J—1
Paes F M—1
Paul & Dixon—f 1 c
Peirce L C—f c
Peterson G W—c
Pettit A A—c
Pinto Jas—1
Rebello M P—1
Richmond C M—c
Rose Henry—1
Soares E M—1
Souza A A—1
Taber B J—1
Von Flatten Ernest—f
Wefer E H—1
York Geo A & Co—f 1 c

NEWBURYPORT

Bliss E W & Co—f 1
Brewster Bros—f c
Chase & Lunt—f 1 c
Cuseck Wm C—f 1
Hazard A B—f 1
Hughes & Garland—f 1
Humphreys W T—f c
Lunt Jere B—f
Merrill & Wenzell—f 1 c
O'Connell T—f
Weare Geo A—f
Weare L M—f

NEWTON

Alvord Bros—f
Barbour & Morton—f
Barnes E F—f
Bennett R—f
Edmonds Wiley S &
Frank—f
French J W—f
Fuller J C—f
Furber W H—f
Gertridge Mark M—f 1 c
Goodman Wm A—f
Holbrook Chas S—f
Hyde F C—f
Murdock F—f

O'Connor F A—f
Potter John A—f
Robinson J H—f
Rogers C F—f
Rome & Porter—f c
Turner & Williams—f
Williams M Sinclair—f
Wright Jos A—1
Young Wm B—f

NEWTONVILLE

Breeden George—f
Fuller J C—f c
Rumery Edwd M—f
Turner John B—f c

NORTH ADAMS

Barnard Edwin—f
Burch Wm M—f 1
Collins William S—1
De Falco Frank—f c
Ford & Malcolm—f 1 c
French George—1
Gallup H A—f 1 c
Gendron Joseph—1
Haskins Bros—f 1 c
La Brie J H—f
Maher & Co—1
Miller George F—f 1 c
O'Hearn Brothers—f
Pike Arthur—1
Ransford Frank—f 1 c
Spencer Bras—f 1 c
Town Henry—1 c

NORTH ATTLEBORO

Bartlett William A—f 1 c
Holbrook F G
King E E—f 1 c
Parker A T & Co—f 1 c

NORTHBORO

Brigham C M—f c
Gates Frank—f c
Potter & Bigelow—f 1 c
Rice C A—f
Sargent Geo F—f c

NORTHBRIDGE

Ames Geo M—f
Beane W A—f
Fairfield W B—f
Gale W F—f
McGlynn F R A—f 1 c
McGuinness & Quinn—
f 1
Parkis Chas F—f
Parnell & Seagrave—f c
Sproat R J—f c

NORTH BROOKFIELD

Howard M P—f 1 c
Smith Frank A & Son—
f 1 c

NORTH EASTON

Barrows George C—1
Clements Wm H—f
Coggan R H—1 c
Field Geo C—f
Field John R—f
Howard Wm N—f 1 c
King John B—f 1
Long J F—1

NORTHAMPTON

Barrett & O'Brien—f 1 c
Beals Geo L—f 1
Cochran Wm M & Co—
f 1 c
Graves H R—f
Manning J C—f
Mariz J F—f
Noble Roscoe K—f 1
O'Donnell T H—f 1
Pierce C H—f 1 c

Walker Oliver & Son—
f 1 c
Woodward F T—f 1 c

NORTH HANOVER

Dwellely & Nash—f

NORWOOD

Callahan John F—f
Gay Harold W—f 1
Morrill F A—f 1 c

OK BLUFFS

Eldridge E G—f
Sanford W E—f

ORANGE

Ames H S—f c
Conrad W P—1
Crosby R D—c
Dahlin E W—1
Dexter D E—c
Field S W—1
Howe F A—1
Kimball Jas D—f 1 c
Kimball Jas R—f 1 c
Newell P W—1 c
Newton Israel—f 1 c
Reed S A—1
Thunberg Frank—1
Upton A A—1 c
Walker H R—c
Whitney M J—f c

PALMER

Clough Geo E—f c
Cummings R E—f 1 c
Ezekiel Geo—1 c
Fitch A E—f 1 c
Hellyar S H—f 1 c
Hobson E E—f
Leach W W & Co—f
Shaw Walter L—f 1

PEABODY

Farrington Geo C—f c
Lord S D—f c
Merrill Albert H—f 1
Porter E J—f 1
Smith R E—f c
Spaulding Geo E—f
Stone Chas E—f c
Taylor Frank—f
Woods P J—f c

PEPPERELL

Hutchinson H W—f c
Marshall Merrian—1

PITTSFIELD

Bastion J J—1
Bridgman E H—f 1
Burbank C A—f 1 c
Cain Edward—1
Cheevers Wm—1
Cook C C & Son—f 1 c
Cooley F A—f 1 c
Gale, Durant & Gale—
f 1 c
Gardner W R—f
Gwinnett Frank W—1
Learned Geo—c
McGraw John D—1
Merchant & Gleason—f c
Merrill John P—f
Mills C A—1
Parker R P—f c
Parker & Shipton—f 1 c
Rausehausen John—f 1
Head F F & Son—f c
Sanders H P—f 1 c
Shaffer Judson H—f
Sloper C W & Sons—f c
Stevenson & Co—f 1 c
Stone John B—1
Thurston T J—1 c
Tolman Edw—1
Traver Henry Jr—f 1 c
Wood A H—c

MASS.—Con.**PLYMOUTH**

Avery E E—f
Burnett E A—f
Burnett Mr—f
Corey Burt H—f
Davis Chas S—f 1 c
Eldredge W T—f
Forstmeier V H—f
Harlow & Warren—f
Jackson Thos—f c
Morrisey Herbert—f
Peterson Geo C—f 1 c
Stoddard & Talbot—f
Warnman Edward C—f

PROVINCETOWN

Cook John—f
Lew Louis S—f
Small John W—f c
Small Laura T—f
Snow John F—f
Young William H—f c

QUINCY

Adams W W—f
Brown Geo H & Co—f c
Burke J F—f 1
Burke W E—f
Carey T J—f 1
Chase R D—f
Field Geo H—f 1 c
Hardwick John & Co—f
Hunt John T
Kincaide H L
O'Hara F—f
Olney A G—f 1
Pinkham Herbert W—f
Ricker Elmer F—f
Sullivan M T—1
Teasdale W H—f 1

RANDOLPH

French H W—f 1 c
Leahy Joseph T—f 1 c
Powers C R—1 c
Randall Howard—f

READING

Badger Walter K—f 1 c
Bancroft Lewis M—f c
Berk T P—1
Bosson Harry P—1 c
Burgess & Allen—f
Fish W H—1 c
Horrocks George E—f c
Kingman & Davis—f
Kingman Wm H—f 1 c
Prentiss & Viall—f c
Roberts Arthur E—f c
Wightman W H Co—f

REVERE

Atkins Geo F—f
Better Andrew L—f
Boddington John H—f
Child Aberdeen H—f 1 c
Farrell Thomas—f
Hall C E & Co—f
Lawrence Frank D—f
McLaughlin John J—1
Noera E L—f 1 c
Pendergast C H & Co—f
Stowers Joseph G—f c
Toward Forrest C—f 1 c

ROCKLAND

Burke Wm—1
Howard C W & Son—f
Howland Giles W—1 c
Mulready Edwin—f 1 c
PHELPS A A—f 1 c
Torrey Charles E—f c

ROCKPORT

Blatchford Wm O—f c
Cleaves C H—f 1 c
Dodge C P—c

Hale W S—f
Knowlton J E—1 c
Russell B G—f
Smith W E—c
Strople G E—1 f c

SALEM

Allen Geo L—f c
Appleton & Norton—f c
Austin Everett E—f
Bagley J A—f 1 c
Bailey Edwin M—f 1 c
Brisbois Emil F—f 1
Broadhead Frew W—f 1 c
Carman K—f c
Chandler L C—f c
Chaput P N—f c
Dalton J Frank—f 1 c
Donovan D J—f 1 c
Fanning & Simon—f 1 c
Felton W S & Co—f 1 c
Fleming Chas H—1
Ford Arthur S—f
Forness A A—f 1
Gibson L—1
Grantham G R—f 1
Harris Chas E—f 1 c
Hathorne H G—f
Hay Edw W—f 1
Horton W A—f
Hughes W P & Co—f 1 c
Johnson Louis O—f
Jones & Brennan—f 1 c
Locke Frank E—f 1
Lord Wm S—c
McSweeney P A & Co—f 1 c
Mansfield Jas A—1 c
Northey Wm E—f 1 c
Odell Chas H & Co—f 1 c
Pelletier & Moore—f
Saunders A L—f
Smith Leavitt & Cole—f
Tierney P F—f c
Voyer Francis X & Co—f
Ward Frank W—f c
Warner Fred E—f 1 c
Wheeler Harry D—f
Wrlin P J—f

SALEM

Adams B—1
Adrian J—f
Binney E A—f
Brayley & Knowles—f
Chaffee E F—f
Coffin W W—f
Coffin E B—f
Coughlan Chas P—f c
Dame L A—f
Dodge Chas S—f
Eaton A W—f
Fales A B—f
Fenelon J R—f
Fish W W—f
Flynn W H—f
Giles Jos J—f
Grant A P—f
Greene F A—f
Lapham F DeWitt—f
Mansfield W F—f
Masseeck J S—f
Paine C A—f
Perry O H & Co—f
Reynolds B R—f
Reynolds J F—f
Robertson C S—f
Sabon E E—f 1
Shirley P E S—1
Snow W L—f
Sparrow E S—f
Spieler G M—f
Stackpole J & J M—f
Stone Edw A—f
Teale F A—f
Titus F A—f
Van Iderstine H—f c
Wedgewood A B—f
Williams S & C H—f

SANDWICH

Mooers Chas H—f 1 c

SAUGUS

Belcher W F—f c
Chase H E—f
Clucas Henry Jr—1 c
Sloan F B—f c
Sparks H P—1
Swoger J W Jr—f 1 c
Turner H T—f

SCITUATE

Ainslie J R—f 1
Bailey Frederic T—f
Bates D J—f
Coleman Moses B—f
Poole Chas H—1 c
Richardson W P—f
Wade Jetson—f

SHARON

Burbank F E—f
Burke A W & Co—f 1 c
Dennett Geo A—f
Earle Ralph S—c
Gross F H—f
Herrick Jason E—f
Johnson Elmer M—c
Levin Louis—f
Nelson H F—f
Nutting & Wells—f
Oliphant C D—c
Prouty Thos S—f 1 c
Plummer H M—f
Shaw George—f

SHEFFIELD

Cowles Mrs M E—f
French W D—f
Wickwire T C & Co—f

SHERBURNE FALLS

Bickel Casper—f 1 c
Hawks C W & Co—f c
Hoyt H G—1 c
Manning J F—f c

SOMERSET

Hood A H & Co—f c

SOMERVILLE

Adams B—1
Adrian J—f
Binney E A—f
Brayley & Knowles—f
Chaffee E F—f
Coffin W W—f
Coffin E B—f
Coughlan Chas P—f c
Dame L A—f
Dodge Chas S—f
Eaton A W—f
Fales A B—f
Fenelon J R—f
Fish W W—f
Flynn W H—f
Giles Jos J—f
Grant A P—f
Greene F A—f
Lapham F DeWitt—f
Mansfield W F—f
Masseeck J S—f
Paine C A—f
Perry O H & Co—f
Reynolds B R—f
Reynolds J F—f
Robertson C S—f
Sabon E E—f 1
Shirley P E S—1
Snow W L—f
Sparrow E S—f
Spieler G M—f
Stackpole J & J M—f
Stone Edw A—f
Teale F A—f
Titus F A—f
Van Iderstine H—f c
Wedgewood A B—f
Williams S & C H—f

SOUTH BOSTON

Bachelder F A—f
Bartlett W E—f
Barton E H—1
Boland G W—f
Bowe Jow J E—f
Bowen H J—f
Cavanaugh J F—f
Cavanaugh J P—f
Chapman D J—f
Connolly J J—f
Creed D W—f c
Dever M F—f c
Devine John A—f
Finnegan Mary E—f 1 c
Gibbons Jas B—f
Hopkins E L—f c
Howard Bros—f
Jackson Thos A—f
James Benj—f
Kirk Andrew—1
Mitchell H C—f
Mooney C P—f c
Reynolds Geo P—f 1
Spinney & Kelly—f
Walsh James F & Son—f 1 c
West John—f

SOUTH BRAINTREE

Cummings C B—f 1 c
Hannaford C S—f
Hobart C H & Son—f c
Sampson Geo E—f c

SOUTHBRIDGE

Burnham R M—1 c
Desrosiers E D—f c
Gatineau O F & Co—f c
Marcy Morris H—f 1 c
O'Shaughnessy M P—f c

Phillips E M & Son—f c
Tetraut Henry J—f
Tetraut P—f
Welch P H—c

SOUTH EASTON

Clements W H—f
Field Geo—f
Howard W N—f 1 c

SO. FRAMINGHAM

Adams C S & Co—f
Caswell H E—1
Clarks W E & Son—f c
Connell John J—1
Eagan Michael—f 1
Mundy J F—f c
Trowbridge A S—f
Twite George—1

SOUTH HADLEY

Cooke A D—1
Gridley C A—f c
Haas Peter H—1

SOUTH HADLEY FALLS

Brainerd F A—f c
Busbee Miss C F—f
Cooke A D—1

SOUTH HANOVER

Parkinson Frank S—f

S. WEYMOUTH

Burrell Ralph P—f c
Cook L A—f 1 c
Cook L A Jr—f 1 c
Torrey Geo C—f 1 c

SPENCER

Allen Chas H—f c
Collett Frank—f
Cutler Edward P—f 1 c
Howland E Harris—f 1

SPRINGFIELD

Alderman Howard F—f
Alstrom H S—f
Barber Wm—1 c
Barton W I—f
Bassett Miss L L—1
Bourne F W—1
Brainerd N A—1
Bragg B L—f 1 c
Bridgman Donald W—1
Brinkerhoff F C—f 1 c
Brown & Brown—f
Burt C A—1
Carroll A J—1 c
Case W W—1
Chapin F P—f
Chaplin & Chaplin—f
Clark H M—f 1
Clune J H—f 1
Cone & Sherwood—f 1 c
Cowles A B—f 1 c
Cowles Clinton W—f 1
Cowles R M—f 1 c
Crane J W & Co—f
Davis W I—f c
Des Champs A N—1
Dexter E J—f c
Dexter W H—f
Ehrlich Hyman—f
Foss & Rollins—f
Francis Wm H—c
Franklin Albert B Jr—1
Fuller A W—1
Fuller F W—1
Gilmore & Goldthwaite—f 1 c
Gleason A M—f 1
Goldstein S J—f
Goodenough W P Jr—f
Gorden Jacob A—f
Hannan Francis—1 c
Havens G H—1 c
Hawley R F—f

Healy C H—1
Hill Geo A—f
Hinkley Fred L—1
Holt C T—1
Huie H E—f
Hutchinson T C—1
Jewett Chas J—f
Johnson Sam J—1
Judd & Parsons—f c
Kelly J E & Son—f c
Lyman A L—f 1 c
Marah H D—f c
Mecham L E & Co—f c
Monroe C D—1 c
Mulhooon Wm—c
Murphy, Walker & Co—f c
Oppenheim & Field—f 1 c
Owens Frank J—1
Pardoe Wm A—1 c
Parker F C—f
Pyncheon Jas H—f
Raneshousen Edw B—1
Raneshousen H H—f 1 c
Reed & Kaynor—f 1 c
Rem James W—1
Remington Harold K—1 c
Remkus Gustavus—f 1 c
Richards & Allis—1
Roberts A O & Co—f
Rodd A—1
St Lawrence-Chandler Co—f
Sherburne Nelson—f
Sheridan T J—f
Spicer E F—1
Stearns Bros—f 1 c
Stedman F C—1 c
Stickney Chas E & Co—f 1 c
Towne E J—1
Trask Sam H—1 c
Trombley Theo E—1
Waldron H S—1
Walsh Thos P—f c
Warriner S C—f c
Warriner W S—f c
Warriner & Yarrrell—f
Webster H G—f
Williams N H—1
Winter Dwight—f
Wolcott G W—f
Woodall J S & Co—f c
Woodbury J D—1
Worthen Ernest N—1

STOCKBRIDGE

Evans C E—f
Fenn D B—f
Flynn M—1
Lovett G W—1

STONEHAM

Blodgett Leon F—c
Chapman Elmer B B—f
Copeland H G—f
Frazier Ernest S—1
Gilmore, Onslow & Co—f c
Hibbs James W—f c
Hill S A—f
Jones Jas A & Co—f
Moran E J—f
Russell & Fairfield—f c
Wattmouth J W—f c
Williams Arthur H—f

STOUGHTON

Blake Ralph S—f 1 c
Britton Henry W—f 1 c
Britton & Blake—f 1 c
Curtis Albert P—f 1
Deardon John—1
Ford E W—f c
Rogers John J—f
Wentworth Geo O—f 1

SUTTON

Batcheller Henry C & Co—f
Lowe Charles E—f

SWAMPSCOTT

Gilbert Geo A L
Porter M D—f
Smart S—f 1 c

TAUNTON

Arden Thos H—1
Austin J Lewis—1
Blake Alden H—f
Boardman F A—f 1
Bullard F A—f
Claffy Jas T—f 1 c
Conaty F P—1
Couch L C—f 1 c
Dean J Randall—1
Dorgan J C—f 1 c
Earl C H & Co—1
Eldridge J H—f 1 c
Estes E L—c
Gabriel S L—f 1 c
George H W—f c
Griff Chas H—c
Hammond Morse & Co—f 1 c
Harlow R A—1 c
Hersey E S—f 1 c
Jackson E T & Co—f 1 c
Kelley Francis N—1
Leonard M B—f 1 c
Morse Willard W—1
Reichenberg G W—1
Richardson W D—f 1 c
Sproat A B—f
Tallman J R—f 1 c
Temple E H—1
Walker G L—f 1 c
Williams G W & Co—f 1

TEMPLETON

Fletcher C A—f 1 c
Spears C C—f 1 c

TEWKSBURY

Danielson S M—c
Fairgriere Arthur J—f
Fleming J L—f

TURNER'S FALLS

Gilmore W H P & Co—f 1 c
Koonz Frank—1
Moltenberg George—1
Rist & Patten—f 1 c

UXBRIDGE

Brady Francis P—f 1
Hobbs Geo T—f 1 c
Kelley Joseph J—f c
Ledbury Mrs Adelaide—f
Lewis Walter H—1
Parnell & Seagrave—f c
Taft Sara Miss—f

WAKEFIELD

Bancroft Clinton L—f 1 c
Butler Wm H—f
Collins Chester—f 1
Driver Geo H S—f c
Duffill A E—f
Gordon Lewis J—f 1 c
Hartshorne Charles F & Son—f 1 c
Hickey William A—f 1 c
Kelly E B—f 1 c
Merrill R A—f c
Perkins Albert R—f c
Pope Charles H—f
Ryland F J—f
Savage H H—f
Scovill G H—f
Smith G H—f c
Southworth P H—f 1 c
Sparks H—1

WALPOLE

Maguire T F—f
Mahoney P H—f
Morrill Frank A—f 1 c

Whiting Harry A—f c
Willett Albert D—f 1
Wilson Robert—f

WALTHAM

Bergin Michael—f
Carter Geo—f
Dennen Hollis E—f c
Dutton Wallace—f 1 c
Kilmer Wm E—1
Leslie Geo E—f
Perkins D E—f
Powers L W—f
Reade Charles L—f 1
Robinson J F & F J—f c
Sewall Chas W—f
Viles D F—f 1 c
Walker Edward A—f 1 c

WARE

Cogshall O W—1
Coney Henry C—f 1 c
Davis Henry C—f 1 c
Dillon George W—f 1
Doztaine E—1
Lincoln J G & Co—f
Riendeau Joseph A—f 1
St Onge Hormidas—f c
Schoonmaker J H—f
Storrs Bros—f c

WAREHAM

Delano R T—1
Eldridge J L—f
Hennessy John E—f c
Kelley Edward H—f
Ryder C E—f c
Ryder T M—f c

WARREN

Blair Carl M—c
Hatherway D A—1
Hitchcock D G—f
Hoe D C—c
Lincoln W & Co—f
Oppenheimer, Field & Hastings—f
Rycroft G E—f

WATERTOWN

Critchett F E—f 1 c
Farwell Wm E—f
Hawes Andrew—f 1
McGlauffin B Fay—f
McGuire & Roche—f
Paine Richard H—f
Stone Edwin L—f 1 c

WAVERLEY

Scott C S—f 1 c
Whiting Thos H—1

WEBSTER

Cassidy W H—f
Clark C M & Co—f 1 c
Connolly J J—1
Dupre Hector—1
Fitzpatrick P H—1
Goulding W S—1
Greeley A R—c
Hughes E H—1
Hughes Geo H—1
Joslin & Davis—1
Kelley P J—c
Kingsbury John C—c
Leboeuf Telesphore—f
Lincoln Benjamin L—c
Moreau Moses—c
Morse Joseph A—1
Prout Patrick—f 1 c
Steinberg H H—f c
Upham Leroy J—f

WELLESLEY

Carter & Peabody—f
Johnson Fred O—f c
Smith George N—f

WESTBORO

Britton J W—f
Chamberlain W E—f 1
Fairbanks John W—f c

WESTFIELD

Alderman F W & Co—f 1 c
Allen S A & Son—f 1 c
Bartlett Ray L—f c
Burke F W—f
Clark J H—f c
Cook A J—f c
Green A E & Co—f c
Hes C J—1
Karr Wallace V—f
Lyman Wm F & Son—f c
Mecham W P & Son—f
Noble Wm H—f
Rich F A—1
Sabot Stephen—f
Searle F P—f c

WESTFORD

Fletcher S H—f c

WEST NEWTON

Barbour & Travis—f 1 c
Bennett Robert—f
Burrill Chas—f 1
Hinkley & Woods—f c

W. SPRINGFIELD

Brinkerhoff Frank C—f 1 c
Cone C B—f 1
Hill George A—f
Sherburne Nelson—f 1 c

WEYMOUTH

Brown Edward—f 1 c
Chubbuck Chas H Jr—f c
Cook L A—f 1 c
Garcy M P—f 1 c
Jordan A S & Co—f c
Nonnan Thos H—f 1
Perry H F—f c
Tirrell H A—f c
Torrey George C—f 1 c
Worster Russell B—f c

WHITINSVILLE

Carr S A—1
Dillon J F—1
Gale Wm F—f
McGlenn T P—f
McGuinness & Quinn—f
Parkis C F—f
Seagrave Arthur E—f
Smith L W—f
Sproat Robt J—f

WHITMAN

Allen Chas F—f c
Beale G S—c
Bonney Maria L—1
Edson Chas H—c
Freeman H C—f 1
Garcelon C C—c
Howland, Nash & Co—f 1 c
Keaneley T F—1
Kirby James T—1 c
Lucas Samuel—1
Matthews W C—f c
Nash C W—c
Sharp Fred E—f c
Soule Geo D & Son—f 1 c
Soule H D—1
Stanley Harry—f

WILLIAMSTOWN

Monahan M L—f 1 c
Prindle S I—1 c
Smith C M—f
Tavelli Joseph—f
Tenny S G—f 1 c
Waterman G B—f 1

MASS.—Con.**WINCHENDON**

Dronin Oscar—l
Greenwood S A & Son—f l c
Lamb Amos S—f l c
Merrill Chas A—f l c
Nolan Fred W—l
Whitney Alfred H—f

WINCHESTER

Apsey Geo W—f l c
Barker Edward S—l
Brigham E H—f l c
Crogrove H S—f c
Fish C E—l
Flanders W F—f
Hatch E W—f
Harrington E Co—f
Knapp Mrs N A—f
Larrabee H L—f l c
Miller C C—l
Mills A H—f
Newman S E—f
Robinson Edwin & Co—f l c
Rowe Frank E—f l c
Woods G A—f c
Wooster F V—f l c

WOUBURN

Aldrich Raymond W—f
Blake W J—f
Carey Daniel D—f

Deland J F—f
Dolan T H—f
Furbush Levi—f
Goddard S B & Son—f l c
Hill W W—l
McDonough C A—l
Maguire W F—f
Maguire J G—f
McSweeney B—f
Preble H A—f
Queenin J J—f l
Sampson Sewel D & Co—f
Silver Elmer E—f l
Wilcox Walker H—f

WORCESTER

Arnold Otis D—l
Bailey L V—l
Barrett & Snow—l
Beane F A—l
Beauregard Julius—f c
Berg G A—f
Bouchard Eli—l
Brown Edwin E—f c
Bullock R H—f c
Burnham Brothers—f c
Butler J Freeland—c
Coe John D—f c
Commercial Ins Partner-ship—f c
Crowell, McPherson & Co—f c
Cummings Herbert R—l c
Curtis J Harvey—f l c

Duprey & Stoddard—f c
Dustan Dana M—l
Faxon Thos K—l c
Ferre James F—l
Garbutt Brothers—f c
Goddard F H—l c
Grant Chas E—f c
Greene & Bates—f c
Greene C E—l
Greene H J—f l c
Hardy A Colby—f
Harrington N A—f
Hogg Wm James—l
Isenberg David B—f l c
Johnson Ludwig—l
Kilgore John M—l
Knickerbocker H S & Co—c
Lancaster Geo Y—l c
Ludlow William C—l
Lyman E B—l c
McAllister H P—f l c
MacDuff Daniel & Sons—f c
MacGowan & McGowan—l
Marsh C Arthur—f c
Marshall Daniel J—f
Mooney N J & Co—f c
Monroe A C & Ingraham—f c
Murphy John P—l
Murphy Wm J B—f c
Nahigian M S T—l c
Neiss Louis H—l
Nichols C L Jr—f

O'Connell & O'Connell—f c
O'Connell Real Estate Co—f

Pratt Dana J—l c
Randall Jesse W—l
Reidy Maurice F—l
Robertson E A—l
Rourke Daniel F—f c
Russell John T—l
Sagar Charles H—l
Sawyer Samuel W—l
Shea Forest—l
Smith Walter E—l
Sperry Homer G—l
Stark Wm N—l
Sullivan James C—l
Tatman & Park—f c
Thompson George—l
Thurston & Thurston—f c
Townsend & Crierie—l
Townsend C E—l
Traford H L—l
Wells Ray D—f c
White A Avery—f c

WRENTHAM

Gilmore F E—f l
Pond C W—f l c

YARMOUTHPORT

Clark John H—f
Howes J E—f
Swift Fred C—c
Thacher Frank—f

MICHIGAN**ADDISON**

Cleveland F B—f
Klin F B—f

ADRIAN

Alexander Wm B—c
Angel Alice—f c
Ayres Geo W—f c
Baker James H—c
Baldwin Clark E—c
Bauer F B—f
Bean Leland—c
Bennett A—f
Billings & Thompson—f
Cantrick Frank—c
Carr Chas H—f
Carr John E—l
Clark H R—f c
Cleveland E F—f
Cochran Lydia M—f
Cole H M—f
Cooley A B—l
Gaylord Mrs T—f
Goodaill & Clark—f
Grace Jos M—f l
Green & Hodge—f
Hart H V C—l
Hart & Hardy—f
Helme J W Jr—f
Hicock F M & Son—f c
Hoag Jay—f
Hoisington M H—f
Hough F J & Son—f c
Howell W F—f c
Hughes F L—l
Jewett Henry R—f c
Kaiser R A—f
Kennedy Frank—c
King W F—c
Lowe J K—l
Marshall W Hal—l
Mellow Joseph W—c
Michael Joseph—f
Neufer & Nopper—f
Nolan James F—l
Palmer C B—l
Pierce Frank W—l
Robertson Chas L—c
Rood R M—f l

Savage F N—f
Smallshaw Thos M—c
Smith E F—f
Smith E N—f
Smith W C—l
Tobias B E—l
Tobias & Watts—f l
Treat A B—f
Wagner Louis A—l
Walby H B—l
White M O—l
Whitney Chas—f
Winne E J—f

ALBION

Austin Raymond—f
Austin & Webb—f c
Culver F W—f
Davis Mrs R—f
Dean Geo E—f l
Eslow J C & Son—f
Gildart Wm B—f
Hynes & Young—f
Kendrick J S—f
Lalbertaux F—f
Lane C B—f
Leonard O A—f l c
Leonard & Noyes—f
McCutcheon A L—f c
Noyes W R—f
Roberts Maude—f
Ross B E—f
Shepard M O—f
Smith J Clifford—f l
Warren L S—f
Weeks M D—f
Wright P D—f

ALGONAC

Ihnken John H—f
Neal Henry A—f
Robertson John M—f c

ALLEGAN

Born C M—f l c
Bouch Pearl—f
Flannagan O S—l
Hicks G L—f
Kolvoord L A—l

Le Isle Franz—l
Montague I C—f
Root L C—f
Sequist S M—f
Stanley H E—f
Stein John C—f
Town P E—f
Updyke T S—f c
Williams H F—f

ALMA

Blakely Jasper—l
Carl George H—f
Cresser P W—f
Fuller Jesse E—l
Pettyjohn Charles E—l
Rowland & Johnson—f
Sharrar & Moore—f c
Spinney J D—f

ALPENA

Blackburn & Co—f l c
Hitchcock & Collins—f c
Kanieck Tony—l
Orcutt & Bishop—f c
Potter Fred N & Co—f c
Warner S A L—f c
Young D—l

ANN ARBOR

Ann Arbor Realty Co—f c
Armstrong Frances D—f
Armstrong Herbert D—f l c
Bacher Harry—l
Baumgardner John—f
Benham Agnes Mrs J—c
Brooks Chas L—f c
Butler W H—f c
Childs W K—f
Clark W A—f
Coffin Otis—l c
Cole & Huss—f c
Davidson F J—l c
Frost Homer F—f c
Gates Ulysses A—f
Gauntlett Jos—c
Goklen Douglas—f

Haab Otto—f
Haarer & Son—f c
Hamilton Miss M L—f
Haslreiter Geo A—f l c
Hawxhurst Wilbur F—f
Herbst H H—f
King Zina P—f c
Lowry Thos—l
Mack Agency—f c
McOmber & Miner—f c
Oerterlein, Barbara & Co—f
Poat E A—l
Rhead Geo B—l
Saulsbury & Van Atta—f
Sawyer Lorenzo—f
Sessions J O A—f l c
Shearer C H—f
Wagner E M—f
Wagner Geo W—l
Warren Agency—f l c
Whaley & Fischer—f
Wood Wm Leo—f

AUSABLE

Bertrand Arthur J—l
Loud Geo M—f l c
Sharkey James V—c

BADAXE

Hall Chas L—f
Ryan Wm J—f
The Wright Ins Agency Inc—f l c
Woodworth Paul—f

BATTLE CREEK

Arthur & Beck—f
Barnum E C—f
Batdorf Howard H—f
Browdell W N—l
Davis, Fisher Co—f
Dudley L A—f l
Eaves E—f c
Fox Oscar H—f c
French B D—f
Harvey H T—c
Hopkins C M—f
Howes S A—c

Hubbard N E Co—f 1 c
Hulseher A H—l
Knapp Byron A—f
Ludlum Roy—f
Lyman Chas E Co—f 1 c
Moon J E—f c
Mosher Burgderfer Co—f
Neilsen K J—l
Nichols L G—l
Poole Floyd—l
Reade J L Co—f
Retallick N E—f
Simons Carrie—f 1 c
Snell W B—f
Spalding R J Realty Co—f
Sperry J B & Co—f
Stephens H J—f
Ward Frank W—f c
Wilder & Simpson—f
Wilson & Millson—f

BAY CITY

Allen Geo A—f c
Allaworth Geo A—c
Ames Geo W—f c
Bay City Ins Agency—f 1 c
Birchard & Ruttle—f 1 c
Blodgett & Sharp—c
Buchanan John G—f 1 c
Bush A E R—f 1 c
Campbell Thos D & Son—f c
Clift W O & Co—f 1 c
Elliott Wm M—f c
Fitzgerald Jas E—l
Fitzsimmons Jas A—l
Fox C L—l
Frank Ernest E—f 1 c
Gessler E C—l
Goeschel Louis—f c
Harris John C—f c
Harrison F B—c
Hoover R A—c
Jennison H W—f 1 c
Knaggs & Plum—f c
Lichtig Ed—f 1 c
Luczy A A—l
McCombs P A—l
McDonough J J—l c
McGuire Jas D—l
McMann W W—l c
Massnick A A—c
Morton G S—c
Phillips Otto C—f 1 c
Phillips Wm H—f c
Plum A W—l c
Post & Fletcher—f
Purcell John J—l
Rowell John J—f
Rowley E T—l c
Ruelle I—f 1 c
Russell J L—f
Shearer Fred E & Co—f 1 c
Shearer James B—l
Spear & Lewis—f 1 c
Taylor F H—l
Tierney Bros—f
Wedthoff Wm F—c
Wing W E—c
Wright E E—l

BAY CITY (E. SIDE)

Ames G W—f 1 c
Bay City Ins Agency—f 1 c
Birchard & Ruttle—f c
Bradford Geo M—l
Bristol M C—c
Brownson E S—l c
Buchanan J—l
Bush A E R—f 1 c
Campbell T D & Son—f c
Carroll D—l
Clift W O—f 1 c
Coyle C S—c
Dardas F L—l
Elliott W M—f 1 c

Fitzgerald J E—l
Fletcher R H—f 1 c
Fox C L—l c
Frank E E—f 1 c
Frye E S—l
Gay C A—l
Goeschel Louis—f
Gregory L C—l
Hamilton F M—l
Harris J C—f c
Hartil R S—f c
Hartley W H—l
Hawkins J E—l
James W C—c
Jamison H W—f 1 c
Kennedy F E—l
Kessler L W—l
Knaggs & Plum—f 1 c
Koss Jos—l
Kowalski A—f
Lichtig E—f 1 c
Locks H S—c
Luszgh A A—l
Lusk Geo L—l
McCombs P A—l c
McDonough J J—l
McGinnis P H—c
Mason P H—c
Massnick A A—c
Morris W—l
Murphy M J—l
Newman Fred—f 1
Partenfelder M E—l
Phillips O C—f c
Phillips W H—f
Ploof Geo—f
Plum A W—l c
Pope J J—l
Price J M—c
Purcell J J—l
Reed H—l
Ribble Thos—l
Roeder R E—f 1
Rowell John J—f
Rowley E T—l
Russell Jeanet L—f
Schultz B E—l
Shearer F E & Co—f 1 c
Shearer Jas B—l
Slattery J E—l
Spear & Lewis—f c
Stevenson C F—l
Sweet C I—l
Tierney Bros—f
Vanderwill C L—l
Westover Mr—f 1
Woodbury W D—l

BAY CITY (W. SIDE)

Birchard S R—f 1
Elliot W M—f 1 c
Harris J C—f
Lichtig E—f
Phillips Otto C—f
Phillips Wm H—f
Roeder Roscoe E—f
Thomas D Campbell—f

BELDING

Cusser W L—f
Eugemann Geo—f 1 c
Gephart M Y—f
Hubbell I L—f
Lambertson W S—f
Moulton Geo W—f
Sandell Wm F—f c
Smith H A—f
Spencer A L—f
Wagner Geo E—f 1 c

BENTON HARBOR

Bassett Geo—f c
Cady & Andrews—f
Case Miss May—f c
Chaddock R P—f c
Edmunds & Co—f c
Harner E C—f 1 c
Hipp O B—f
Plummer & Plummer—f c
Portman Homera—c

Riford I W—f
Schaus Chas—f 1
Shankland W B—f
Warner W B—f
Warner & Co—f
Whitney H S—f c

BESSEMER

Bayliss Edwin—f 1
Bruno J L—f
Eggen Tarsten—f
Holland & Duda—f 1
Russell Wm I—f 1 c
Ziebur G L—f

BIG RAPIDS

Barton Charles—f
Bennett A W—f
Ford Brothers—f 1
Hoff W—f
Hopkinson W D—f c
Marsh E J—f c
Marsh Mrs A L—f
Morrill D C—l
Throp S J—f

BLISSFIELD

Bauer J G—f 1
Belman Birt—l c
Carpenter C R—l
Carpenter Mrs Grace—f
Goff Howell—f c
Hensel M W—l c
Riley John A—f c
Rothfuss & Glaser—f 1

BUCHANAN

Black Geo H—f 1 c
Dick John C—f c
East Walter—f
Eisele Henry C—f
Ham Edgar—f
Hathaway Homer A—f c
Pears Charles—f
Roe A C—f
Roe Herbert—f
Sanders Frank—f

CADILLAC

Barton Charles—f
Beaver & Diggins—f c
Bothwell J M—f 1
Bourn Frank E Ins
Agcy—f 1 c
Breen Fred M—f 1 c
Dunlop Geo A—f
Gaffney F O—f c
Hall Geo L—f c
Hanson Henry—f
Hodges W W—f c
Liephart E H—f 1 c
Penny A W—f
Sawyer E F—f c
Snell B A—l
Webber Lucie M—f c
Yearnd William H—f

CALUMET

Chynoweth Ins Agency—f c
Faucett Bros & Guck—f 1 c
Stannard W L—f 1 c
Thomas Ins Agcy—f 1 c

CARO

Dougherty & Crissey—f
Ealy J McNair—f
Gallan J W—l
Gurney E E—f c
Myers H S—f
Quinn W—f c
Seeley L G—f
Smith H H—f

CARSON CITY

Brooks R E—f
Cummings E C & Son—f c

Gibbs Geo R—f
Goodwin A B—f
Lyon L A—f
Mercer W D—f

CASSOPOLIS

Hayden Asa K—f 1 c
Ritter R A—f
Ritter J K—f
Thomas J B—f 1 c

CHARLEVOIX

Bartlett L B—f
Burnett A T—f c
Buttars & Bridge—f
Cooper Henry C—f
Fitch A L—f
Hampton W E—f
Kane R W—f
Rachow W J—f
Young A F—c
Young Myrtle—f c

CHARLOTTE

Brooks A H—c
Davids E G—f
Greenman J A—l
Griffith V G—f 1 c
Hawkins Myron—l
Kay J D—f c
Murray E & Co—f
Nichols John C—f
Oleson Geo—l c
Porter Marion—f 1 c
Powers J D & Co—f 1 c
Procter Duet—l
Proctor H B—c
Rowley G W—f c
Smith D P—l c
Spafford C D—f c
Stirling W F & Son—f 1 c
Talbert & Co—f
Tears Van J—l
Vickery A F—l
Warren F G—f c

CHEBOYGAN

Bouchard & Bouchard—f c
Dudley & Barber—f 1 c
Humphrey Geo P—f
Kinney Chas E—f 1 c
Middleton W R—f 1 c
Moloney V S—f 1 c
Waller J W—f c

CHELSEA

Beckwith Geo W—f
Crowell Miss Nina—f
Fletcher John—f
Kalmbach John—f
Mapes S A—f 1 c
Palmer Mrs John—f
Schaible Paupi—f 1
Turnbull & Witherell—f 1
Wilkinson A W—f
Wood T E—f

CHESANING

Cheaney C W—f
Coryell B G—f 1 c
Damon O W—f
Devereaux J P—f
Greenfelder F A—f c
Hickman R W—f
Krome G W—f

CLARE

Alward D E—f c
Bowler Jos—f
Caple Wm H—f c
Cudney H C—f c
Reading C A—f

CLINTON

Kimball L W—f
Smith Richmond & Co—f
Van Tuyle W D—f

MICH.—Con.**COLDWATER**

Allen E J—f
 Barrell Howard F—l c
 Beers Elmer R—l
 Crandall E R—f l c
 Evans John S—f
 Evans M L—l
 Foster Edgar A—f
 Gibson Agnes—f
 Hodgeman W E—f c
 Howe Chas F—f c
 Hungerford V U—f
 Keep C L
 Legg C N—f
 Luedders Otto E—f
 Lyon F A—l
 Milnes & Watson—f
 Montague J H—f c
 Stevens A G—f
 Williams F N—l c

CORUINA

Bush Walter M—f
 Fisher J—f l
 Green A W—f
 Hatch Walter—f
 Parker W J—f
 Sheardy Louis N—f
 Young Arthur C—f c

CRYSTAL FALLS

Corcoran J F Ins Agcy
 Ltd—f l c
 Smith A H—f

DETROIT

Admire W W—l
 Aldrich & Co—f
 Aldrie & Co—f
 Althoff Ins Agency—f
 Ambrose J—l
 American Ins Agency—f
 Andrus & Palmer Ins
 Agcy—f
 Anstey P N—l
 Ayres C L—l
 Babbitt F R—l
 Bahl G L—l
 Baker Geo F Bros—f c
 Barthol Jas O—l
 Bassett & Smith—f
 Bassett Jay—l
 Baty Jas D—l
 Baxter & Baxter—f c
 Beach Geo H—l
 Beatcher J A—f
 Belanger Joseph & Son—
 f c
 Bennett Don R—l
 Bennett Chas D—f c
 Benson J J—c
 Bentley & Yokum—f c
 Berdan Chas—f
 Bergin R M—f
 Biederman & Smith—f c
 Bierce Sage & Co—f
 Billingshurst A D—l
 Billingshurst J Carl—l
 Blackman Glass & Cook
 —f c
 Blake John A—l
 Blake Joseph A—l
 Blomfield S J & Co—f
 Bond Edward J—l
 Bond Edwin—l
 Bonninghausen Julius—f
 Brennan John E & Co—f
 Brevoort Ins Agcy—f
 Bridgeman J A & Co—f
 Briscoe & McKee—f
 Brooks & Kingon—f
 Brown Chas F—f
 Brown Jacob G—l
 Brown Robt M—l
 Bruce Chas L—l
 Brusse Hendrick—l
 Bucknell J A—l
 Buell Chas H I—l
 Bunclick Alfred—f c

Burtenshaw & Sibley—
 f c
 Campbell Robt—l
 Carter Ins Agcy—f
 Chadwick W C—l
 Chaile U M—l
 Chandler Geo W The
 Ins Agency—f c
 Chapman E R Agency—
 f c
 Chertok M L—l
 Christie Ins Agcy—f c
 Clark C L—f
 Clark Donald A—l
 Clizbee W D—l c
 Collinge Neal A—l
 Collins C H—f
 Continental Ins Agcy—f
 Cummings J N—f
 Cunningham J E—f
 Curry John & Co—f
 Dare Frank H—l
 Davidson F J—l
 Del Rey Ins Agcy—f
 Detroit Ins Agency—f c
 Dickinson Ins Agency—f
 Dolson L B—l
 Domzalaki M—f c
 Dow H F—l
 Dow W B—l
 Eaman James T—f
 Eliot & Haviland—f c
 Englehart E E—l
 Erringer Chas B—c
 Farmer Henry—l
 Fassold A & Co—c
 Federal Ins Agency—f
 Feldman & Feldman—f
 Fenton & Toal—f
 Fick L J—f
 Fisher Jacob—l
 Flynn W H—c
 Forsyth Merry Co—f
 Frankhouse F D—f
 Fraser Fred L—c
 Fraser Stewart A—f
 Freedman A F—l
 Freese C E Ins Agency
 —c
 Friend & Co—f
 Frost J A—l
 Fuller E H—l
 Gage W T—l
 Gage Wm H—l
 Gallagher O—f
 Garrison Chas H—c
 Gaspard Henry N—l
 Gazen, Wirth & Ryan—f
 Gehrke & Jensen—f
 German Ins Agency—f
 Gibson Geo L—f
 Giddings T F—l
 Gilmore & Chavenelle—f
 Glass, Cook & Atkinson
 —f
 Goodrich Bros—f
 Goodrich Ins Agency—
 f c
 Greenup Geo M—l
 Griffen T E—c
 Grow Ins Agency—f
 Guenther Fred—f c
 Guthard Jacob & Son—
 f c
 Hagerty Dan'l G—l
 Hall F B & Co—f
 Hammond D R—f
 Hannan Ins Agency—f c
 Harmon B B Co—f
 Harris Wm H Jr—l
 Harrison L A & Co—f c
 Harper R O—c
 Hartenstein Robert F—f
 Harvey F G—l
 Haakins Agency Co The
 —f c
 Hayes & Ballentine—f
 Hayward Norman W—l
 Heed R B—c
 Hennes Leo K—f c
 Higginson A A—l
 Hilton F A—l

Hilsendyen & Raynn—f
 Hockett C W—f
 Holden The Jas F Co—f
 Hollis Clarence M—l
 Holmes H G—f
 Howland D Ward—f
 Hull L C—l
 Huysken Geo—l
 Hyde O F & Co—f
 James D C & Co—f c
 Johnson N W—f
 Johnston & Clarke—c
 Johnston D A—l
 Jones James A Agency—
 f c
 Kaiser Ins Agency—f c
 Karrer & Berschbach—f
 Keavy Wm—f
 Kemp H—f
 King, Barnum & King—f
 Kirby Sorge-Telake Co
 —f
 Klein E A—f
 Knaupe J W Co—f
 Knorr Frederick—f
 Koppin Henry & Son—f
 Kruemling A W—l
 Kurth Chas W—f
 Lake O C—l
 Lambrecht & Kelly—f
 Lawson Martin—f
 Leonard & Griffen—f c
 Leonard Geo E—l
 Levegne Bros—f
 Lindsay-Brown Co—f
 Linsell Henry—f
 Lisk C W—l
 Look Clarence A—f
 Lotz Louis P—f
 Macaulay R H—l
 Macaulay Chas A—l
 May S L Agency—f
 McBryan W H—f c
 McCormick & Lawrence
 —f
 McCoy G C—l
 McGraw Homer—f
 McMaster A D—f
 McNaughton Chas N—c
 Maish McKennan—f
 Margah & Wells—f
 Marion A N—f
 Marshutz Wm B—l
 Martin W C—l
 Mendel Peter J—l
 Merritt Realty Co—f
 Michigan Ins Agcy—f c
 Mitchell Jas A—l
 Moore Griffin S—l
 Moon & Co—f
 Moore & Veale—f
 Morley & Coleman—f c
 Morphy John D—l
 Morvitt B F—l
 Morvitt M W—l
 Mott & Dittmar—f c
 National Ins Agency—f
 Norris T F—f
 Nueber Daniel G—l
 O'Brien & Co—f
 O'Brien M E—l
 O'Hara W J—c
 Ohrens Ins Agcy—f
 Olds Chas G—f c
 Orleman & Roberts—f
 Owen E W—l
 Page Harry B—f
 Paris Ins Agency—f
 Parish Jos—l
 Parker & Davis—f c
 Parker Bros & Co—f
 Parker N D—c
 Parker Schunk & Fry—f
 Patterson Bros & Co—f
 Peltier Chas F—f c
 Peninsular Ins Agcy—f c
 Perry-Mortenson Co—f
 Pickell C W—l
 Pickell C W—l
 Piper W E—f
 Poindexter John S—l
 Powelson Robert—c

Price Jas W—f
 Quinn T J—f
 Ralph F J & Co—f
 Rathbone & Stevens—f c
 Raymond & Raymond—
 f c
 Reese Nath—l
 Reid & Reid—f
 Reilly, Brooks & Co—f c
 Renaud F M—f
 Rhines E H—c
 Rice-Wray T C—l
 Richardson A G—l
 Robinson J C—l
 Roe C N—f
 Roiser & Mersheimer
 —f
 Rohns Hermann C—f
 Root Thatcher W—l
 Rothwell Ins Agcy—f
 Rosenfield M—l
 Rothschild S K—l
 Russell Chas P—c
 Russell J Ins Agency—f
 Russell Raymond—l
 Ryan Robt M—l
 St Johns & Co—f
 Salot H B—l
 Sanders W A—l
 Scanlon James E—l
 Schmemmann H W—f c
 Schmemmann Karl & Son
 —f
 Scott J L—l
 Seymour & Trester—f
 Sherwood Bros—f
 Shoults Chas A—l
 Sibley John A—l
 Siemon L J—f
 Simons N—f c
 Slyfield & Smith—f
 Smith Chas Y—c
 Smith David M—l
 Smith Frederick A—l
 Spence H W—l
 Steinbauer F M—l
 Stephens Wm F—l
 Stevens G B & Co—f c
 Stock A J—f
 Stoll Otto—f
 Stomfeltz-Lovely Co—f
 Stone Meyer—l
 Stringer E S—l
 Templeton J O—l
 Thieftels N J—f
 Thomas J H & Co—f
 Thomson A R—l
 Thomson Walter—l
 Thompson J W & Son—
 l c
 Tickner V L—l
 Tomlinson Harry—l
 Tromley-Wilson Co—f
 Tryloff Henry W—l
 United Realty Co—f
 Utter A C—l
 Van Alstyne RA—l
 Van Antwerp M Gore—f
 Van Sickle W—l
 Vernon Bros—f c
 Wade H C—f
 Waite Will A—l
 Ward Eber & Co—f
 Ward Thos W—f
 Warren & Co—f
 Waterfall E A—f c
 Weaver H L—f c
 Webb Wm J—l
 Welch J M—l
 West P M—l
 Whitaker, McNaughton
 & Livingston—f
 White-Baird Co—f
 White Chas S—l
 Widrig S A—c
 Willette Frank J—f
 Williams H E—l
 Williams & Cartwright—f
 Williamson A C—l
 Wilson W G—c
 Winter & Henderson—f c

Wilmarth M W Co—f
Wischmeyer Henry G—l
Witten L C—l
Wolverine Ins Agency—f
Wright O J—l
Wynne & Kinsella—f c
York B D—f
Young John—l
Young W H—c
Zacharias M H—l
Zimmerman & Adams—f c

DOWAGLAC

Becraft Fred—f c
Donahoe Leo A—f l c
Fields Geo M—f c
Flaharty Mrs A M—f l
Howe Edward F—f
Hux C A—f c
Laing B—f
Lee Henry—f c
Lyle Mrs Leon R—f
Phillips Millard—f
Porter Wm—f
Reshore Don—f

DUNDEE

Carr Fred B—f
Corbin & Hitton—f l c
Dixon J J—f c
McBride O J—f

DURAND

Atherton E S—f
Clemens W H—l
Conn Frank N—f
Holmes Carl T—f l
Hutchinson E J—f
McBride A P—f c
Northway F J—f
Obert J C—f
Patched S C—f l c
Peck O W—f l c
Terry S B—f

EATON RAPIDS

De Coursey Jerome—c
De Golia H S—f l c
Hamilton H H—f
Hamilton Jennie—f
Harris E S—f
Hughes & Hughes—f
Meade W R—f
Milbourn H J—f
Rorebeck S H—f
Russell G H—f
Sprinkle C A—f l c
Wisner & Guthrie—f

ESCANABA

Brooks F L—l
Byrns J E—f l c
Davis F D—l
Delta Ins Agency—f l c
Fenton C E—l
Finnegan T C—f c
Gunderson Carl P—f l c
Harris J R—l c
Kimball R R—l c
Kraus Frank—f
Linden O V—f l
Miller Isaac—l
Moore & Jacobson—f l c
Peninsular Ins Agency—f c
Peterson P N—f l
Schwarz R—f
Shanahan Thos—c
Thatcher C M—f

EVART

Chase Homer—f c
Chase Irvin—f l c
Richardson J E—f c
Rogers Wm—f c
Shearer W H—f
Umphey W F—f
Youngs Dan—f c

FENTON

Chestnut J S—l c
Corrigan C L—f l c
Davis W R—f l
Green & Hitchcock—f
Hovey & McWain—f
King Wm H—l
MacNeal Geo F—f
Nelson J O—f
Phillips H J—f
Renwick R B—f
Slocum E C—f
Tinker Clarence—f

FLINT

Algoe & Stone—f c
Bates Chas W—f
Bridgman Lewis H—f c
Brockway Eugene H—l
Buckham A J—l
Caldwell Geo F—f l c
Cooper Agency The—f l c
Davidson Mathew—f
Day Homer A & Co—f c
Flint Ins Agency—f c
Gillespie Robert J & Co—f c

Henderson L H—f c
Horton A R—c
La Due George—f
Maines Charles T—f c
Martin Jas—f
Newall G E & Son—f l c
Peltier Ben—f
Pettibone Milton—f c
Simpkins W A—c
Tyler John H—f
Van Vleet & Reming—f c
Willison L G—f l
Woolfitt & Macomber—f c

FRANKFORT

Capron V W—f l c
Hoffstetter J E—f
Snider Byron W—w
Wickham F O—f c

GLADSTONE

Clark Clarence A—l
Empson G R—f c
Forsyth Mrs Ida M—l
Huber F—f c
Hupy Phil—f l c
Jackson Glenn W—f c
Loing High B—l
Mallongree Victor—l
Mertz O L—l

GRAND HAVEN

Andrews D W—f
Danhof J P—f l c
De Boe P—l
Nordhouse Peter W—f
Oakes Jas W & Co—l c
O'Brien Joseph W—f
O'Brien-Despelder Ins Bureau—f l c
Plaff J A—f l c

GRAND LEDGE

Arms F C—f l c
Covert P A—l
Dean C J—l
Ewing J W & M—f c
Green Chas F—f
Hoag W W—f
Partlow H H—f
Russell A E—f
Towner Harry—l

GRAND RAPIDS

Adrianse, Homer & Son—f
Alexander J G & Co—f
Alliger A—c
Ayers A H & Co—f
Barnhart I W—l
Bassford J A—l
Becker H W—l

Bellamy W A & Co—f

Bemis Geo T—f
Beneker B A—l
Benjamin T & Son—f
Bennett Alonzo H—l
Bodwell J E & Co—f
Bogg Desnoyer Co—f l c
Boyland C E—f c
Brown C L—l
Brown C M & Co—f
Campbell Buzzell Co—f
Campbell M B—c
Carr H B—f l c
Champlin F W—f
Chauncey C W—f l c
Cheney E L—l
Closterhouse L J—f
Colleton Mitchell—f
Cook F J—f
Cook P T—f
Craft E M—f c
Crosby J S & Co—f c
Cusick Bros & Co—f
Damskey A S—f
Deane F G—l
Decker & Jean—f
Degen N E—l
Detlor-Brown—f
Dibble F H—c
Dickinson W G—f l
Dosker Hermann & Co—f
Driscoll A E—l
Dudley G D—f
Eddy F D—l
Eleveld P H—f
Fenton W J—l
Ferriss Luther Co—f l c
Fisher F J—f l c
Fitzsimmons H A—l
Ford G W—f
Geldhof P A—l
Grand Rapids Ins Agcy—f l c
Grinnell-Row . Althouse Co—f c

Haan W A—f
Hamilton T V—l c
Hammond J B—f
Hansen M—f l c
Hare C H—l
Hass Realty Co—f
Haynes T J—l
Henderson T J—l
Hill A—l
Holden & Hardy—f c
Jackowski S L—f
Jastrow W A—l
Jeffers & Co—f c
Kinsey & Buys—f
Knowlton J E—f
La Barge S H—f
Lamoureux E E—l
Lebare, Seven & Co—f
Lilli Bridge R A—l
Loomis R B & Co—l
Luther Ferris & Co—l
McGuire A E—l
McKee J L—f
Marshman & Boyd—f c
Martindale W A & Co—f
Maurits Peter—f
Melis M R—f
Merritt-Bowles—f c
Mills F—f
Moury H J—f
Mulder J & Co—f
Newell & Blossom—l
O'Donnell J J—l
O'Neil R M—c
Parmelee H P—l
Partridge D S—l
Perkins C H—l
Prager L—l
Pringle J D—l
Provin F J—f
Rathbun C P—f
Reader M—l
Reul L C—l
Rice & Son—f
Roelofs Geo—f
Saunders L B—f l c
Sawyer L E—c

Shinkman Herman Agcy—f
Shinkman J C—f
Smith M E—f l c
Smith & Boyland—f l c
Smith W Walter—f
Ten Brook James—f l c
Van Leeuwen W H—f
Vanden Bosh M T & Co—f
Ward H Z—l
Watts W A—l
Winchester C H—f

Sheppard W C—f

Shinkman Herman Agcy—f
Shinkman J C—f
Smith M E—f l c
Smith & Boyland—f l c
Smith W Walter—f
Ten Brook James—f l c
Van Leeuwen W H—f
Vanden Bosh M T & Co—f
Ward H Z—l
Watts W A—l
Winchester C H—f

GREENVILLE

Booth S A—f
Browne W H—f l
Ecker R C—f l c
Gleason Fred—f l c
Gracey Jas—f l c
Kemp E A—f l c
Rutan E—f
Starr Harry—f c

HANCOCK

Eichkern J J—f c
Finley & Coughlin—f l c
Gillespie J H—f l c
Harrington C T—f
James W Frank Agency Inc—f l c
Mitchell John N—f

HASTINGS

Bauer C H—f
Bessmer John—f
Bishop Chauncey—f
Burton E A—f c
Colgrove P T—f
Hayes W D & Son—f l c
McElwain J E—f l c
Pancoast F R—l
Pope A O—l
Rogers D W—f c
Sheldon Henry—f c
Sullivan Thos—f
Thomas C H—f
Walker F W—f

HILLSDALE

Bishop S D—f
Chappell J—f
Galloway E O—f
Kempton C H—f
Lyons Geo W—f l c
March Geo K—f
Myers Geo W—f
O'Melay Fred—f
Sutton J R—f
Taylor W D—l

HOLLAND

De Kayser C—f
Garrod W J—f l c
Kooyers G W—f l c
Kouw Isaac & Co—f
McBride Chas H—f l c
Marsile Thomas H—f
Miles Fred T—f
Murray J E—l
Olive Wm J—l
Pessink J—f
Te Koller D J—f
Thurber Mrs L M—f
Van Duren Arthur—f l c
Visscher A—f l c
Walsh W C—f
Weersing John—f

HOLLY

Baird C H—f c
Farmer Carrie—f
Hicks & Patterson—f
Horton H A—f
Joslin T M—f c
Miner C E—f
Pheney S—f
Steinbaugh A—f

MICH.—Con.**HOUGHTON**

Douglass F A Agency—
f c
Healy J T—f l c
McCall John T—f l c
Shelden & Dickens—f l c
Van Orden Bros—f l c

HOWARD CITY

Blaue Henkel—l
Collins J C—f
Haight & Heicks—f
May Frank—l
O'Donald R H—f
Patterson F B—l

HOWELL

Beach W E—f c
Benedict O H—l
Coleman S R—l
Gordon Thos—f c
Knapp W W—f
Lyons Willis L—f c
Miner C H—c
Monroe C B—c
Robb W E—f l
Sneidcor C H—f
Stowe E A—f c

HUDSON

Beal & Haines—f
Foster B J—f c
Frensdorf E—f
Maloney Miss E E—f
Power T P—f l c
Rumsey O F—l
Southworth F J—f
Tripp E M—f
White A—f

IONIA

Burke Mary—f
Burnette Asa—f l c
Calkins Chas—f
Fowle J L—f
Merrett Ed—f l c
Montgomery Laura—f l c
Murphy E A—f
Smith L W—f
Smith W T—l
Soule W F—f c
Stevenson T G—f
Wardle Clarence B—f l c
Williams P T—f
Wilson G W—f

IRON MOUNTAIN

Corin Joseph W—l
Hampton C T—l c
James John—l
Justus D C—l c
McLaughlin Hugh—f
Miller & Croll—f c
Spencer J R—f c
Sterling L T—f l c
Woodward E A—f
Wright A F—f c

IRONWOOD

Cain H C—l c
Curry Geo A—f
Erickson H M—f l c
Geary Con—f
Hanscom Chas A—l
Healy F A—l c
Helli John G—f
Ketola Oscar—f
Lieberthal A—f
Perth A—l
Peterson A W—f l c
Shea J J—f
Sullivan J A—f l c
Tobin J E—l

ISHPEMING

Delbridge John—f
Gunderson Hans—f l c
Hare Jeremiah—l

Heyn H F—f l c
Lallerstedt Ivar—l
Miners Nat Bank Ins
Rgcy—f l c
Skogberg Geo—l
West John D—f c

ITHACA

Barstow W H—f l c
McCall Bros—f c
Mathews John T—f
Myers John W—f
Pepple Jesse—f
Reed Henry—f
Salter M R—f

JACKSON

Bagley & Kilmaer—f c
Bancker Enoch & Son—f
Begel Byron E—f
Benjamin D A—f
Bennett J J—f c
Breck J L—l c
Coppins H E—f
Cottrell M F—l
Cross E E—f l
Dailey Wm V—f
Field Jas B—l c
Gilman Arthur—f l
Glasgow John B—f c
Graves O J—f l c
Gunnison G B—f
Hall Fred J—f
Hall & Kennedy—f l c
Hough A P—f c
Hovey Ansel N—f
McCuen-Reynolds Co—f
l c
McDevitt John—f
McGee Albert M—l
McWilliams W D—l c
Page Frank D—l c
Patch Laurie—f
Peek & Watkins—f c
Reynolds Co—f c
Rice Walter—l
Spaulding A A—f c
Sumner E A—l
Wallace Chas R—f
Webb & Walker—f c
Wigent A M—l c
Wright W W—c
Young E R—l c

JONESVILLE

Collins E M—f
Dryer Fred—f l
Hawkins Victor—f l c
Powers R M—f
Ransom Wm M—f l
Saxton E—f
Varnum Richard—f

KALAMAZOO

Benbow S H—l
Bondemann D O—f
Broesmale G H—l
Brown G A—l
Buckhout R H—f
Buechner Mrs Phebe—l
Burdick W J—f c
Chase W H—l
De Yoe E W & W M—f
l c
Dumoc G A—l
Edden J C—f l
Elwell R W—c
Garrett C H—f l c
Gerow W C—f
Gilbert A C—l
Halley H H—l
Harker P C—c
Hatch B A—l
Hawley G W—l
Hinckley & Cornell—f l c
Hollander L—f l
Hornbeck Le Roy—l
Huysman H W—l
Jordon G S—l
Knight, Collins & Bates
—f

Moore G E—l
Pendleton Wm H—f l c
Phillips J H—f
Pike W P—l
Rankin E S—f l c
Sebring T Y—l c
Shipman G L—l
Stearns Ins Agency—f
l c
Starkweather F E—l
Sterrett S C—l
Taylor Wm—c
Van Blarcom B—l
Van Weelden H—l
Verhage M—f
Vosberg E W—f c
Warren G W—l
Weston F S—c
White L C—f l

KALKASKA

Boyd & Steward—f l c
Cook J W—f c
Greacen Jas—f c
Harriott Jas A—f
Simmons Wayne—f

LAKE LINDEN

Beauchamp H—l
Beaudry A J—f l c
Eddy Samuel—f
Gillies N—f
Marcelain Thomas—l
Nichols Wm—f c
Prince E F—f
Vine A J—f l c

LANSING

Bailey & Co J W—f
Baker Arthur D—f
Brown Ins Agency—f l c
Brownson R Guy—f l
Burnett C J—l
Chambers I F—l
Chapman Mrs G H—f
Darby H H—l
Doble & Throckmorton
—l c
Dolson J A—c
Dyer Jenison Barry Co
Ltd—f l c
Hagerman A T—l
Hardy Bros—f
Holbeck F C—l
Holden E A—l
Holmes Realty Co—f
Howe O F—f
Jenison F C—f l c
Klockseim H C—f
Lansing Ins Agency—f l c
Leatherman J P—c
Row Chafey & Ryan—f c
Ruch Rouse & Sattler—
f l c
Tussing D W—l
Van Auker Daniel I—l
Van Keuren Bros—l c

LAPEER

Abbott W J—l
Bidwell J H—f c
Buck Geo R—f c
Holland D E—f
Holman Elmer—f c
McArthur Irving—f c
McQuinn Wm—f
Perkins Bert—f
Roberts Jno E—f

LAURIUM

ArmitDavid—f l c
Faucett Bros & Guck—f
l c
Franks Jos—l

LOWELL

Hicks S P—f
Mange D G—f l c
Springett R E—f c
Stocking R D—f

LUDINGTON

Arnott R—f l c
Doe John—l
Foster F A—f c
Globe City Realty Co—
f c
Hammond Ins Agcy—f
l c
Mowen E H—l
Nelson E A—f c
Phelan John—f

LUTHER

Buckner Norman—f
Fairbanks Earl—l c
Johnson E G—l

MANCHESTER

Case C W—f c
Hausaler Geo J—f
Lehman F A—f c
Root E E—f
Root B C—f
Waters A J—f c
Watkins L L—f

MANISTEE

Barnes & Barnes—f c
Cole D E—l c
Christianson A C—f c
Giesman G R—f c
Pierson & Trimble—f c
Ramsdell J M—f c
Wallace & Hart—f l c
Wallace J D H—l c

MANISTIQUE

Ashford E A—f
First Nat'l Bank—f c
Jewell E H—f c
Manistique Bank—f l c
National Realty Co—f l c

MARINE CITY

Bates Julius N—f l c
Breining Jno W—f
Clark E M—f c
McCarthy D—f
Robertson May A—f c
Schnoor Will—f
Seouryck Bros—f
Saph H P—f
Tart C J—f l
Wreath T J—f

MARQUETTE

Asire & Palmer—f
Foard M H—f
Manhard M R—f
Marquette Nat Bank Ins
Agency—f l c
Mathews A—f
Peters Robert—f c
Phelps & Tucker—l
Primean & Connell—f c
Robertson John—f
Sherman James E—l
Teeple P G—l
Tucker Geo—l
White Peter & Co—f l c

MARSHALL

Billings H—f
Cartwright Clyde—f
Goodrich Cyrus—l
Hatch Jesse M—f
Martin & Albaugh—f
Merrill H M—f
Miller Carl L—f l c
Miller Charles O—f l c
Miller Minnie P—f
Page E R—f
Page L S—f
Scott R S—l
Simmons E E—f
Vernor J T—f
Watson Kate—f
Winsor & Miller—f

MASON

Bergman A A—f
Bristol Geo W—f
Dart R C—f
Ketcham Walter—f
McArthur L B—f
McCowan W E C—f
Peck G L—f

MENOMINEE

Cox & Roper—f l c
Jones J E—f
Martinek J J—f l c
Menominee Ins Agency
Ltd—f l c
Shainholz Fred—l
Spies C A—f
Superior Ins Agcy—f l c

MIDLAND

Bradley & Arbury—f
Burch Byron—f c
Fairchild H L—f c
Fales Ira—f
Hart Ray—f
Madill L D—f c
Rice E P—f
Stanford G B—f

MONROE

Babcock Katherine C—f
Berthelotte Victor—f c
Bragdon A B—f c
Cron Louisa—f
Dansard Little Ins Agcy
Inc—f l c
Hanson Will—f l
Hasley Daniel—f
Hoffman A C—f
Hoffman Bernard—f
Itchner Geo—f
Kirchgeesser Ella—f
Kressbach Fred C—f
Lamphere W N—f l
Loranger P B—f
Marx John—f
McCormick C J—f l c
Meier Walter A—f
Osgood & Dusablou—f
l c
Schrauder Geo—f
Wade Leander—l
Walter W H—c

MORENCI

Bauman H Thas—f
Butler D D—f
Humphrey Albert—l
Humphrey Sam—f
Smith R M—f
Turner Arthur—f
Wilson C A—f l c

MOUNT CLEMENS

Behnke H W F—f
Bromm Frederick—f
Burchardt Charles—f
Crocker Martin—f
Heine & Behnke—f
Jenney W S—f
Macomb Abstract Co—f
Macomb Ins Agcy—f l c
Nunneley Bert V—f
Pequignot Wm C—l
Posner Robert—f
Rutter W H—f
Trelott Henry—l
Turcotte Joseph A—f
Ulrich Paul—f
Widring L F—c
Williams Walter—f

MOUNT PLEASANT

Brown J A—c
Carnahan C A—f
Chatterton W A—f
Crego F C—l c
Kellogg C A—f l
Lyon & Livingston—f l c

McNamara Frank—f
Menery & Rowland—f
O'Brien J F—f
Preston W E—f
Riley G H—f c
Russell W W—f
Wallington Ivan—f

MUNSING

Baldwin G A—f
Collins & Stockwell—f c
Collins G Sherman—l
McMillan H H—f l c

MUSKEGON

Barcus W W Inc—f l c
Chaddock Gilbert C—f l c
Cleveland-Schuitema &
Co—f l c
Doane O Leroy—f l c
Doane O A—f c
Easton R P Ins Agcy—
f c
Haines E D—f
Haines Forest E—c
Holthe P O—l
Jacobson W L—f
Knowles H L—f
Lange Chamberlain Win-
ter Co—f l c
Lawson N B—f
Lewis Minnie E—l
Losby P W—f
Magoon E D—f c
McKillop Geo—l
Pekelder Benjamin—f
Powers Dr Lunette—l
Pringle S E—l
Smith F D & Co—f l c
Tellman B H—f
Topping R—l
Trimble H E—f
Vanderwerp George D—
f c
Wagner Harm—f
Wilson F W—f c

NASHVILLE

Hough C A—f c
Kidder Arthur—f
State Savings Bank—f
Trautman M E—f

NEGAUNEE

Adams J Q & Son—f c
Hauserman J J—f l c
Jennings Chas—f
Meilleur Cleo—f l c
Pascoe Thos—f l c
Thoren Theo—f

NEWAYGO

Day A G—f c
Pike Wm J & Son—f c
Shaw E O—f c
Suits Elmer—c
Wood Gertrude E—l

NILES

Bacon N H—f
Betchel M—l
Corell Geo E—f l c
Donnahoe E—f
Harder Jas E—f c
Laffer—f c
Pammel G J—l
Waltz D D—f l c
Wood L E—f c

NORTHVILLE

Ambler W H—f c
Babbitt L A—f c
Dolph Charles A—f l c
Knapp John O—f
Knapp Samuel W—f
Noble E A—f
Simonds & Lapham—f c
Wheeler Barton A—f

NORWAY

Brackett A F—c
Dunn J E & Co—f l c
Knight Jas C—c
Provancher A D—l
St Peter Michael & Son
—f l c
Stewart Dan A—f c

ONTONAGON

Carroll Agcy Inc The—f
Carroll Edw—f l c
Citizens Bank Agency—
f c
Corgan J—f l
Meilleur C—f c
Spellman C—f c

OTSEGO

Easton G H—f l
First State Savings Bank
Ins Agcy—f c
Rathbun C R—f l
Rose E J—f
Tucker A B—f

OTTER LAKE

Evans David J Jr—f
Fasa Paul W—f
Keeth James M—f
Porter Clarence R—l

OWOSSO

Bigelow R P—f l c
Cadwallader W C—f l c
Frigel F G—c
Jackson Chas—f l c
Kilpatrick W M—f
Loring E T—f l c
Mattison Jay—f
Miller E M—f l c
Rohrabacher E M—c
Runyan G W—f
Sanderhoff L A—f
Walsh N R—f
Washburn W E—c
Weidman Frank—f
Wolford C R—f
Wright Asa T—f

OXFORD

Cutler H A—f
Fuller C H—f l c
Kinsman G O—f l c
McCarty Alva—f c
Olive Frank L—f
Tunstead W J—c
Van Wagoner Floyd—f l

PAW-PAW

Burnhans E L—f l
Downing E E—f
Free J W—f
Longwell W H—l
McNeil H L—l
Mason W H—f
Miller Arthur R—f l c
Parks Edward F—f
Sirrime E D—f l

PETOSKEY

Krieger A B—f
McCune & Co—f l c
Falthorp C J—c
Quinlan Thos & Sons
Co—f l c
Smith C L—f
Stone N J—f
Wachtel & Galster Co—
f l c

PLAINWELL

Barber Mabel C—f c
Blair John—f
Citizens' State Savings
Bank—f c
Nichols Albert L—f l c
Shand Bertha J—f
Soule R L—f c

PONTIAC

Bromley P B—f
Brondige George F—f c
Brondige J E—f l
Buck Mr—f l
Burridge C W—f
Colvin H H—f
Covert F—f
Crawford Clark—f c
Crohn & Ely—f l
Davis D L—f
Eaton Chas M—f c
Ellsworth & Cummings
—f
Fisher A J—f
Fredenburgh J A—f
Moore A L—f
Northrup Henry C—f l c
Phinney A H—f
Sawyer J E—f c
Simmons, Hoyt & Pang-
born—f l
Simpkins Eli—f
Stuart F J—f
Thatcher H H & G G—
f l c
Tillson J A—f c
Van Wagoner Jacob—f l
Van Wagoner James L
—f l
Watkins F A—f l
Webster E R—f c

PORT HURON

Atkins Lewis & Co—f c
Campbell R S—l
Cisky O—f l
Davidson W F—f c
Fraser & Fish—f c
Hayden & Co—f l c
Marx H F & Co—f c
McLean A D—l
Muir Jas—f
Phillips & Wright—f c
Schoolcraft & Co—f l c
Warren Geo E—l f
Welton & Eckles—f c
Wilkinson E—l
Witleff J S—f l
Wright Hoyt & Co—f c

PORTLAND

Allen Geo W—f c
Holcomb H W—f
Jenkins O R—f c
Maynard & Allen—f
Rice C C—f l
Selleck W E—f l c
Webber John A & Son—
f c

QUINCY

Greeny Martin D—f
Griswold M—f
Knapp F E—f c
Kohl Norman G—f
Lockerby & Brown—f l c
Newberry Floyd D—l
Power Pearl—f
Segur M S—f

RAPID CITY

Piner W B—f l
Shaw W F—f
Whittemore Bros—f

READING

Dailey J F—f
Doty L H—f
Hill & Tyrrell—f l c
Slough L O—l

REED CITY

Clark O W—f
Fleischman A M—f
Locke W R—f
Savidge B N—f
Winsor L B—f c

MICH.—Con.**ROMEO**

Evans H S—f
Gray Wm—f
McKay Henry J—f
Phillips G W—f 1 c
Seaman B N—f 1 c

SAGINAW

Appleby B G & Co—f
Atwood & Atwood—f c
Baum Wm B & Bro—f
1 c
Beardale W H—f c
Bendor F P—f
Billing J W—f c

Brady & Savage

Successors to B. Geer & Son

Insurance

42 Fire Companies
General Agents Fidelity
& Casualty of New York
Agency Established 1863
Michigan business solicited
Saginaw, Michigan

Brater C G—f c
Brintnall H L—f
Brown F & Son—f c
Clift & Bullock—f
Colon E D—f
Day C E—f
Doxtator N A—f
Draper J D—f c
Eames W H—f 1 c

Ferguson & Wallace

Coml. Union, Col. Natl., Fire Assn.,
General, Ger. Am. Ins. Co. N. A.,
National, N. Y. Undw., N. B. & N.,
Palatine, Pa. Fire, Phila. Undw., Royal
Ex., Standard O., Western, Toronto,
Conn. Mut. Life, Travelers Indem.,
Preferred Ac., Natl. Surety, Mass.
Bonding, Gen. Agts. Standard Ass.
Agency Established 1870
Saginaw, Mich.

Fitzharris E J & F W—f
Geer Henry N Co—f 1 c
Grant Geo A—f c
Guenin Agency—f
Haller O B—f
Hewitt W M—f
Holst Walter D—f
Holland L E—f
Johnson J S—f
Johnson Jos H—f
Johnson L D—f
Kersten Edwin—f
Klumpp & Biggam—f
Koepeke S G—f
Kramer O H—f
Lake Wm & Co—f
Lee H E—f
Leach Chas—f
Loomis E A—f
Lyons G W—f
Martin Agency The—f 1 c
Monroe J E—f
Nerretter L G & Co—f c
Newberry J O—f
Patterson & Weadock—f
1 c
Pearson L J—f
Reynick C J—f
Saginaw Insurance Agcy
—f 1 c
Schlagel F G & Co—f.
Schmeizer F N—f
Schwahn-Khuen Agcy—
f 1 c
Shaler H H—f
Sheridan J P—f

Vyse Thos H—f
Welzien & Schultz—f c
Wonderlic N H—f

ST CLAIR

Cope O D & Co—f 1 c
Ingles D P—f
Jenks Russ S—f 1 c
McElroy David C—f 1 c
Sawher T H—f
Whiting & Zink—f

ST IGNACE

Conner Chas—f
Gennell A J—f
Hoban M—f 1 c
Hotchkiss E H—f 1 c
Monteith H L—f c
Murray Charles F—f
Murray David E—f c
Reagan Ignatius—f

ST. JOHNS

Bradley Harry—f c
Brown J E—f
Dooling E L—f c
Flynn Chas—f
Howland & Son—f c
Hulse Earl—f c
Hunt D L—f 1 c
Judd Gayton—f
Kelley D W—f
Kenyon A H—f
Leland Wm—f
Farr L D—f
Stephenson Mrs Geo—f
Thome Frank L—f
Walsworth P E—f

ST JOSEPH

Barlow Stuart—f
Canavan & Weber—f 1 c
Deirner Geo W—f 1 c
Drake J J—f
Fletcher J W—f
Freitag Chas A—f
Jackson John H—f
St Clair J C—f 1 c
Schulz & Pixley—f 1 c
Starke Burton G—f 1 c
Stevens W R—f
Stratton Chas W—f
Wurz Henry—f

ST LOUIS

Gildings C W—f 1 c
LaClear I G—f
Lowry A H—f c
Mey Otto F—f 1 c
Phillips E C—f c
Smith Newell—f
Stevens M A—f 1 c
Wright Jas K—f 1 c

SAULT STE. MARIE

Adams Ins Agency—f c
Bond C A—f
Brook C J—f
Cady Geo A—f c
Colwell & Clark—f 1 c
Davidson W E—f
Empey C D—f
LaLonde W S—f c
McBean Chas—f
McKenna Jas—f
Penny E J—f
Price Fred R—f
Sault Ins Agcy—f 1 c
Supe Charles—f
Sutton & Trempe—f c

SAUK RAPIDS

Artig Frank V—f
Benton County Real
Estate Co—f
Berg Herman—f
Fletcher Wm H—f
Miller Leo—f
Senn John A—f
Turrittin A H—f 1 c

SOUTH HAVEN

Corliss Geo—f
Hardt & Fullenwider—f
1 c
Hemmenway Earl—f
Holmes W W—f
Madill R J—f
McCrimmon Roy—f 1 c
Pearman M E P—f c
PHELPS Myrl—f

STURGIS

Adams W A J—f
Beck J W—f

Brown & Rehm—f
Gilbert Ernest—f
Graves C W—f
Gray E B—f
Hagerman H W—f 1 c
Hawker Harry—f
Heald F G—f
Jacobs Theo—f
Kurtz Fred H—f 1 c
Luedders Louis—f
McKerlie Geo F—f
Reading Mrs Geo—f c
Smith P A—f 1 c
Stanton J J—f
Sumney Chas C—f
Waite J Paul—f 1 c
White Mrs L E—f
Wilber Geo E—f

TECUMSEH

Brown E J—f
Carr Ernest—f
Davidson Guy J—f
Gillespie Franc—f c
Gillespie Grace—f
James The Alfred Co—
f c
McClure H—f
Rector Fred—f
Steinhoff Fred—f
Temple Mr—f
Wightman J W—f
Williamson C E—f

THREE RIVERS

Andrews Ed—f c
Arnold Geo H—f
Barnard W E—f
Black Orly—f
Brown A L—f
Burns John B—f c
Folwell Rufus—f
Griffiths John—f
Howard Arthur E—f
Watson F B—f

TRAVERSE CITY

Birdsall F S—f
Blossom W L—f
Campan S—f
Carver Bros—f c
Cleveland L K—f
Corpe C—f
Curtis A B—f
Curtis Fred D—f
Ely Chas H—f
Hastings Ins Agcy—f c
Marshall Bros—f
Monroe Jas H—f c
Power G W—f
Pratt F H—f
Santo John R—f c
Stocking L A—f
Webb Chas A—f

VASSAR

Clarke Geo D—f c
Loranger John A—f
Lyon R C—f
North F—f
Owen Harry L—f c
Spears W J—f
Stephen C J—f c

VICKSBURG

Clark & Brown—f c
Dunning Fred R—f
Platt B R—f c
Sharp Don B—f

WAYNE

Brewer Mrs—f
Cady Chas H—f
Carpenter Clarence—f
Hoops Edward G—f
Jamieson Tim—f
Raymo Owen—f
Truesdell John—f
Vining Edward M—f
Vinning Italy D—f
Wendt Lewis F—f
Ziegler John—f
Zimmerman Dr Sam'l—f

WHITEHALL

Redfern C W—f 1 c
Ruggles C H—f c
Williams J H—f 1 c

WHITE PIGEON

Gortner E N—f c
Hotchin C W—f
Roderick E—f

WILLIAMSTON

Cairns W F—f 1
Carpenter Glenn—f
Crossman Ned—f c
Krumbeck J F—f
Rawley C W—f
Thompson H A—f
Webb W T—f

WYANDOTTE

Amiot H—f
Beattie E—f
Bishop W W—f
Drennan Jeremiah—f
Edwards & Headman—f
Liddle Fred W—f
McInery J F—f
Maloch H O—f c
Marr C H—f
Nellis F—f
Neuendorf C W—f
Roelwig Henry—f
Thiede C H—f
Youd John E—f

YALE

Andreal Edw—f
Beard H E & Co—f
Bowles M M—f c
Fead E F—f c
Herbert N B—f c
Learnmont & Beard—f c
Merrill John H—f c
Rapley & Adams—f c

YPSILANTI

Carpenter P W—f
Crawford S E—f 1
Doggett Floyd—f
Foersler Albert—f
Gallup Fred L—f
Gillet T C—f
Griffen D C—f
Hatch Wm B—f
Hopkins J H—f c
Joslin Frank—f
Kirk John P—f
Putnam W S—f 1 c
Seymour W B—f
Touner Tracy—f c
Tyler L H—f c
Wilbur Fred P—f
Wortley J H—f c
Ypsilanti Agency Co—f
1 c

MINNESOTA

ADA

Andrews Wallace—f
Brastland T T—f
Brattland M A—f c
Herringer E J—f l c
Herland J M—f
Hintze Louis—f c
Lofgren C J—f
Matson Peter—f
Prigge Lambert—f l
Roersch Lambert—l
Sharpe Peter—f
Tenney B F—f l

AITKEN

Boeck E C—f l c
Foley T R Jr—f l c
Hallum Louis—f c
Hassman B R—f c
Hense Frank—f l
Krech Freeman E—f c
Mount W T—f c
Spalding J L—f l c
Way D—f

ALBERT LEA

Brown L A—f l c
Foley V—f c
Hamond E S—f
Jones M M—f c
Ransom J E—f

ALEXANDRIA

Barnes W K—f
Chidester Buel—f
Cowen J S—f
Evens Lewis—f
Franklin F E—f l c
Hardy S B—f
Jacobson Andrew—f
Jacobson Tolleff—f c
Jones Wm—f l c
Knox Mr—f
Kortsch G A—f
Leach Hugh—f
Loo & Nelson—f
Loo G A—f
McKay John A—f
Syvud Mr—f
Treat Geo L—f
Unumb P O—f
Van Tassel F C—f l

ANOKA

Akin R W—f c
Curiel E L—f c
Dunn J F—f
Green C D — Son—f c
Greenwald L J—f c
Lee Henry—f c
Palmer R G—f
Palmer W H—f
Tart H C—f

AUSTIN

Babcock E S—f
Baird Lyman D—f c
Baudler Bros—f
Baufield H L—f
Brandt H L—f
Capretti Peter—f
Catherwood & Nichol森—f c
Detwiler John—f
Doane E M—f
Dornberg O L—f
Dorow R F—f
Eagen C A—f
Earl N F—f c
French L Jr—f c
Goodwin Parker—f
Hardy M J—f
Hurlbut H W—f
Johnson Robt L—f
Kennedy John F—f c
Merners Wm W—f

Meyen E—c
Mitchell J L—f
Mulhern Geo C—f c
Rochford Land Co—f
Sheedy & Cook—f c
Smith E H—f c
Snyder Land Co—f
Page A C—f l c
Wright A W—f

BARNESVILLE

Aamodt Emil—l
Boltz & Meyer—f
Hanson N B—f c
Lee W S—f
Lindquist W S—l
Oliver C R—f c
Red River Farm Loan Co—f c

BELLEPLAINE

Conlon H B—f l c
Efferty J S—f l c
Gatz W A—f l c
Hillstrom H H—f l c
Irwin A J—f l c
Meyers A F—f l c
Schoell J A—f
Whitlock F J—f

BENSON

Arneson A—f
Arnesson Ed—l
Edwards J N—f
Gallagher P S—f l
Hudson I H—c
Hudson S H—f
Johnson R R—f
Kane C L—f c
Lee J T—f l
McDermott Leo—l
Thompson G O—f
Thornton F C—f
Van Slyke A W—f
Wilmsers S D—f

BLUE EARTH

Clark Ollie—f
Davis F H—f
Drake W H—f l
Floer E—f
Kobs Fred—f
Putnam F E—f
Seiverson J—f
Silliman Frank—f
Terwilliger Claude—f l

BRAINERD

Bane W N—f
Blewitt Mr—f l c
Brainerd State Bank—f
Chadbourne G W—f l c
Cohen Henry J—f l c
Elder J M—f
Gardner G H—f
Halvorson Gustav—f
Hartley & Albright—f l c
Hitch V L—f l
Krekkelberg J H—f l c
Smith Bros—f l c
Swanson & Swanson—f l

CALEDONIA

Beddon T A—f c
Blexrud H J—f
Bouquet John—f
Dorival C A—f c
Duxbury F A—f
Flynn A J—f
Groezinger F A—f c
Hellickson E C—l
Heymann J A—f
Palen Frank—f
Sprague R D—f c

CANBY

Christie J S—f

CHASKA

Arlitz J M—l c
Dols Hy—f l
Faber Geo F—f
Klammer K K—f l c
Simons P H—f c
Strenkeus Geo—f
Welch H A—f c

CHATFIELD

Bibbins S E—f
Haven G H—f
Shearer R D—f
Thurber Chas L—f l
Underleak Jas—f

CLEAR WATER

Pineo W B—f l c
Shaw W A—f
Whittemore Bros—f
Wilcox G H—f

CLOQUET

Cookom Geo—c
Cox N F—f
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Piander Wm Jr Agcy—f l c
Raabe H F—f
Schmidt Gottlieb—f
Wicherski E—f c

NORTHFIELD

Barnard W C—f
Bunday T—f
Carpenter C P—f c
Curren F—f
Dille H O—f c
Dougherty Chas—f
Lyman E A—f
Netland S A—f l
Pye Charles R—f c
Pye W W—f
Raineri Ch—f
Rice E R—f
Rice F O—f
Rice Geo—f l c
Santino Mrs Effie M—f
Schmidt & Shandorf—f l c
Thorpe Geo C—f
Wyman J F—f c

NORTH ST. PAUL

Herrick John W—f c

ORTONVILLE

Chamberlin C F—f
Chrisman Chas E—f c
Cliff & Purcell—f c
Farrington Ray G—f
Grier David—f
Groenick Carl H—l c
Hahn O E—f
Kercher C F—l
Kelly W—f

Kercher A B—f c
King J F—l
Michell John—f
Morrill E N—f
Purcell J J—f c
Scofield Chas E—f l c
Stark C J—f c
Stephens E H—f

OWATONNA

Albertus C F—f
Bennett L L Sons—f
Buxton C J—f
Clark Wm J—f
Diabrow L A—f
Dunham Frank A—f c
Hostad F Y—f
Johnson R H—f
Kinyon A M—f
Leach Helen E—f
Malone J—f
Nelson & Son S R—f
Niles J W—f
Palmer Johnson J—f l
Rowland & Doolittle—f l c
Schmidt A F—f
Theimer & Fincher—f l

PARK RAPIDS

Davis & Taber—f
Shepard F M—f
Smythe W R B—f
Taber Wm M—f l c
Vanderpool F A—f

PELICAN RAPIDS

Alexander C L—f l c
Bank J P Wallace—f
Bruce H N—f c
First Nat'l Bank—f
Frazee C R—f
Frazee P C—f
Page H G—f
Pelican Rapids State Bank—f
Sherin Cecil W—f
Weikle M T—f

PERHAM

Perham Ins Agcy—f
Rasmussen Soren—f
Schwarzrock A G—f l c
Shannon A—f
Struett Louis—f
Young Henry M—f

PLAINVIEW

Carley J A—f l
Fuller M D—f
Lyons S S—f
Oliveron H K—f
Sylvester Bros—f l c
Wood Melvin—c

PRESTON

Anderson C M—f l c
Garrott T I—f l c
Thompson A W—f l c

PRINCETON

Eaton G A—f
Ewing Annie—f
Ewing Guy & Co—f l c
Hatch Earl—f
Peterson S S—f
Skahan J J—f
Stanley Ira G—f c
Stark Oscar—l

RED LAKE FALLS

Boughton Chas E—f
Delorme Noel—f
Duffy John A—f c
Farley Fred L—f c
Gaass B B—f l
Gibeau Samuel—f c
Healy E L—f
Hennings George F—f

Higinbotham V M—f
Pouliot F F—f l c
Taupin A P & Son—f l c

RED WING

Becker Wm—l
Brederhorset E J H—l
Chelisen Alfred—f l c
Lindgren Andrew—l
McIntire Jesse—f l c
Nelson S J—f
Peterson N A—f c
Pierce A F—f c
Putnam Fred W—f c
Red Wing Ins Agency—f l c
Ulm H E—l
Woodsers L—l

REDWOOD FALLS

Clement W B—f
Cooper R A—l c
Gray F A—f
Laudon A R A—f
Smith W M—f l c
White E J—f
Ward H W—l

RENVILLE

Beck C D—f
Bennett A A—f
Bierlein S W—f
Daly & Barnard—f
Haan Peter—f
Lumley G A—f
Serkland S M—f
Steusvad A A—c

ROCHESTER

Brookner Geo—f l c
Collin J T—f l c
Collin & Griffin—f l c
Collin & Kelly—f l c
Gooding F E—f l c
Griffin & McGovern—f l c
Hall Mrs John—f
Holt & Schroeder—f
Holt D H—f l c
Heffron M—f l c
Kalb Augusta—f
Leonard Bros—f c
McGovern J E—f l c
Richardson H J & W B—f
Schacht Theo A—f
Smith M F—f l c
Stevenson & Malone—f l

RUSHFORD

Miller Peter—f
Olson F A—f
Olsen H V—f
Prinsing D S—f c
Reisus O E—f
Rowley E B—l
Webster Mack—f

ST. CHARLES

Ebben Jas—f
French Geo D—f
Hermanson John—f c
Kiefer Nic—f
Kramer F J—f
Miller Eugene—f
Pfefferkorn G—f l c
Richardson A C—f
Smith A W—f
Spencer W E—f

ST. CLOUD

Ahles Paul—f
Bennett James R Jr—f
Bensen Carl O—l
Campbell Donald M—f l c
Carlson C A—f
Hammerel Edw C—f l
Hansen Hubert—f l c
Mitchell W B—c
Mueller Herman—f c
Rocholl L J—f c
Scott Earl C—f

Stangl Fred—f l
Swift L R—f
Wing T C—f
Wolter John—f l c
Wright & Niskern—f l c
Young H G—f c
Zapp Edward—f

ST. JAMES

Citizens Nat'l Bank—f l
Crowley Roy—f
Gibbs E A—f
Larsen Christ—f
Lobben J L—f
Malmrose V A—f
Running Albert—f
Meither Chas—f
Mullen's Ins Agcy—f l c
Schoffman W F—l
Seager J W—f
Sandquist M W—f
Security State Bank—f
Tonnesson & O'Mara—f

ST. PAUL

Abbott C P—f
Albritten E S—l
Allen & Eliason—l
Allen E D—l
Alman F E—l
American Ins Agcy—f
Baker A T—c
Barry J E—l
Bayard Deuel & Co—f
Beardsley B F—c
Bell A B & Co—f
Benjamin F A—f c
Bielenberg H—f
Blomquist & Lindquist—f
Bombach E—c
Brewer F A—l
Brooder E—l
Bryant Fred—f c
Buckmeier F—f
Bullis J J—l
Burgon Phillip—l
Burns F—c
Campbell E S—c
Capital Trust Co—f
Carson C E—l
Cassery L I & Co—f
Cathcart & Maxwell—f
Chapman F B—l
Cohoon J L—f
Connell & Wegner—f
Constans, Nolan & Co—f
Cooper Geo G—f c
Corbett Chas H Jr—l
Cushing & Driscoll—f
Dahl & Martin—f
Davis & Lagerman—f
Davis E P—f c
Dawson W—c
Deters B H—l
Dillon M J—l
Donohue J R—f
Dougan & Walsh—f
Dougan E C—f c
Douglosh H H—f
Eddy C W—f
Elder D R—f
Elmer J P—l
Enochs C D—l
Fahy P W—l
Fargo W D—f
Fancy J I—f
Finkelstein A—l
Fitfield Z B—f
Fletcher H H—f
Ford F E—l c
Forepaugh Alice M—f
Froehlich G W—l
Frost N R—f
Fugate J S—c
Gardner B J—f
George H E—f
Gilbert & Gilbert—f c
Glaser Louis—l
Graves Geo B—l
Griffiths M L—l
Haas J Q & Co—f

MINN.—St. Paul, Con.

Haberster N M—f
 Hackney Inv Co—f c
 Hage N O—f
 Hanson J A—f
 Harrison Geo W—l
 Hart W H—f
 Hartigan J A—l
 Hauenstein F W—l
 Haynie D P—l
 Haynie E C—c
 Heineman G—l
 Hemple E A—c
 Henninger T—f c
 Hitchcox & Learned—l
 Hoffman & Co—f l
 Hoffman Lewis G—l
 Hohenstein A—l
 Houghtaling E S—l
 Hoyt H & Co—f
 Hoyt Homer H—f
 Hueller Bros—f
 Hughson & Whitacre—f
 Hunt C J—l
 Hunt P B—l
 Hurd G H—f
 Ives Lee—l
 Jamieson M B—f
 Jenks A L—f
 Jones W G—f
 Joyce F M—l
 Joyce W B & Co—f c
 Kane & Co—f
 Keating Jos—c
 Keena H B—l
 Keiter L M—l
 Keller F P—l
 Kelly Danl—f
 King V L H—l
 Knoefel Geo C—l
 Lang W A—f
 Langford N P—l
 Lawton A M—f
 Learned C E Jr—f
 Ledwidge M J—f
 Lemon W T—f c
 Leonard J M—f
 Lerbrock C M—f c
 Lewis James—c
 Lewis W F—l
 Lilly A—c
 Lilly T J—f
 Linehan J J—f
 Locher W Horace—l
 Lytle G L—f
 McAdam E L—f
 McCarron & McCarron—f c
 Mahle E C—l
 Maple E E—c
 Martin & Geisen—f
 Martin Henry—f
 Melham E H—f
 Meier E J—f
 Miller H H—f c
 Minnesota Ins Agcy—f c
 Moeller J H—l c
 Moore C W—f
 Moriarty M P—f
 Moritz W F & R W—f
 Mott G C—f
 Murphy H G—l
 Neely R M Co—f c
 Nelson C E—f
 Nelson F E—f
 Newport R M Jr—f
 N W Trust Co—f
 O'Brien J J—f
 Oehler W—l
 O'Meara H—f
 O'Meara James—f
 Page A V—l
 Feet Wm F—f
 Peterson H C—f
 Picker W F—l
 Prudden Geo H—l c
 Reeves A J—l
 Ritt Wm A—f
 Roberts G A—f
 Robinson & Harrison—l
 Rodenberg Geo W—l

Rogers John Jr—f
 Rogers Jos A Agcy—f
 Rothermal J H—l
 Rothschild H & V J—f
 Row A N—l
 Rudolph A O—l
 Rugg Geo C—f
 Saint F W—l
 St Paul Ins Agcy—f c
 Sanford E R & Co—f
 Schnabel G E—c
 Schuler D R—l
 Schwab Max—l
 Shannon J W—l
 Shepard J W & Co—f
 Simpson T R—l c
 Smith & Taylor—f
 Smith D D—f
 Sperry Edw B—f
 Sperry J F—f
 Stebbins L C—c
 Stenger George W—f
 Stinson A—f
 Stokes M S—f
 Storms C A—f c
 Strickland Doolittle Co—f c
 Strouse L J—l
 Strouse M—l
 Tarbox C S—l
 Taylor J W—f
 Thorne J M—l
 Timberlake W L—f
 Townsend John—f
 Tracy Jas—f
 Van Hoven Peter & Son—f
 Ware E M & H F—f
 Warner & Regensdorf—f l
 Weed Parker & Co—f c
 Weide J R—l
 Wheelock & Gilpillan—f
 Wilson L E—l
 Wittman M—f
 Zimmer P—l

ST. PETER

Davidson D—f
 Laumann Wm G—f c
 Miller & Miller—f l c
 Sackett Ins Agcy—f l c
 Tegner Mrs Olivia—f

SAUK CENTRE

Cooper J F—f c
 Kells L L—f c
 Morse C A—f l c
 Rien Geo—f
 Schoenhof Ben—c
 Sprague C M—f c
 Strebel A F—f c

SHAKOPEE

Coller J A—f
 Conter Joseph—f
 Deutsch M A—f
 Duffy Wm F—f
 Meyer Nick—f
 Southworth W N—f
 Storer C C—f

SLEEPY EYE

Berg A M—f c
 Bertrand E P—f
 Brust Wm—f c
 Davis L G—f c
 Domeier H C—f
 Griffith & Smith—f l c
 Pickle A H—f l c
 Smith W W—f

SOUTH ST. PAUL

Clark & Gould—f
 Knoefel G G—l
 Lytle O L—f
 Nolan P F—f
 O'Brien J J—f

SPRINGFIELD

Asch C H—f
 Erickson Aug—f
 Fernholz Ed J—f
 Foy M J—f
 Frank Wm G—f l
 Frederickson A—f
 Nippolt E L—f l c
 Pakrath W J—f
 Peterson C S—f
 Ray J J—f
 Schmid Jno R—f c
 Specht F H—f

SPRING VALLEY

Barber J W—f l c
 Bartlett Edwin R—f
 Hale S H—f
 Kellogg W L—f
 Lyman W L—f
 Pattridge S C—f
 Sheppard T E—f l c
 Steffens H H—f l c

STILLWATER

Bernier C P—l
 Castle L P—f l c
 Gallispie Ernest—l
 Hoehne Ray A—l
 Lammers C A—f
 Leyh L L—f
 Mackintosh J L—f
 McGarry Robt W—f c
 Nelson Louis P—l
 Prince-Joy The Agcy—f l c
 Smith - Staples - Robertson Agcy—f l c
 Tuttle R J—f
 Welch Thos W—f

TOWER

Pryor W G—l c
 Whitman G A—f

TRACY

Algier H M—f
 Berdan C J—f
 Bierbaum Chas—c
 Bonnallie & Bartlett—f
 Cain H J—f l
 Fitch L J—f
 Korns E D—f
 Robinson & English—f
 Starr Mary A—f l c

TWO HARBORS

Barton John A—f
 Dwan John—f
 Fowler B E—f
 Jelle J G—f
 Munford George—f
 Mathews M—f l
 Munford George—f
 Olson John—f
 Tracey Wm E—f

VIRGINIA

Aitken H M—l
 Brandt & Nelson—f l c
 Britts B F—f
 Ergman P S—f l
 Gill Thomas—l c
 Greeley Douglas—f c
 Krogdahl John—f
 McDonald Gardner—f c
 McDonald & Gill Agcy—f
 Inc—f
 Matson & Thurston—f
 Minnesota Real Estate & Ins Agcy—f c
 Molin-Johnson Agcy—f c
 Toeller J F—l
 Torvinen & Co—f
 Whiting F C—l
 Williams Agency—f c

WABASHA

Hurd Frank—f
 Jones Co R E—f l c

Marx Michael—f
 Murdoch J W—f
 Paine H J—f
 Satory Max—f
 Stone Mrs F C—f

WADENA

Biglow Fred G—f
 First National Bank—f
 Gores F E—f c
 Hastings Guy—f
 Hunsinger Chris—f l c
 Mark John—f
 Merchants National Bank—f
 Ins Agency—f l c
 Mettel John—f
 Mettel Joseph—f
 Murray A—f c

WASECA

Buchler L T—f
 Buckman Marion—f
 Coleman Thomas—f l
 Day F T—f
 Kiesler Frank—f
 Lilly B—f
 Madden J E—f c
 Madigan John—f
 Moonan Jas N—f
 Sommerstad C P—f
 Swift Wm A—f l c
 Ungerman J B—f
 Wobschall Wm C—f
 Zetterberg W A—f

WATERVILLE

Dressel F E—f
 Dressel Geo J—f c
 Dressel H G—f
 Everett M R—f

WELLS

Allen A O—f
 Brewster M W—f
 Draper C H—f c
 Heath S F—f l c
 Hughes B—f c
 Olds L N—f c
 Olson N P—l
 Swert C F—l

WHEATON

Anderson V E—f l c
 Cory H B—f
 Griffith B B—f
 Hanson Investment Co—f
 Houston Charles E—f
 Klawon F H—f c
 Kristensen G K—f
 Neuman O C—f
 Ringdahl Wm—f
 Terpena Ernest—l
 Warner W A—l

WHITE BEAR LAKE

Auger A J—f l
 First State Bank—f
 Reif F J—f l
 Van-der-Las J—f
 Warner H A—f l

WILLMAR

Anderson Land Co—f
 Branton J F—l
 Gilbert T O—f
 Gunderson H—f l c
 Handy G—f c
 Odell Chas W—f
 Otterness G H—f
 Sherwood C H—l
 Severson O K—l

WINNEBAGO

Armstrong J A—f
 Arndt E F—f c
 Babcock I A—f
 Grinnell F M—f

Headley C W—f
Hill W H—f
Lindgren H C—f
McGuigan E J—f
Moulton E C—f 1 c
Moore S C—f 1
Streeter W A—f

WINONA
Baumann & Gordon Co—
f c
Bori Alfred—f 1
Commere'l Service Agcy
—f 1 c
Gregory & Melvin—f c

Kunkel G W—f 1 c
Roberts E M—f
Roessner L T—f
Ross J P—f
Scott W C—f
Stevens H C & Co—f
Szawlowski W L—f c

Winona Ins Agcy—f c
ZUMBROTA
Farwell A B—f 1 c
Olson Otto G—f 1
Rockne A J—f
Weiss H E—f 1

MISSISSIPPI

ABERDEEN

Binford J A—f
Dortch L L—f
Eckford J W—f 1 c
McCluney W B—f
McFarlane Jr J C—f c
McQuiston D H & Co—f
Monroe Ins Agency—f 1 c

ACKERMAN

McWhorter B C & Co—f
Prewitt R D—f

AMORY

Cole T J—f
Home Mortg & Realty
Co—f c

BATESVILLE

Carothers J B—f
Jarratt M E—f 1 c
Lamb L B—f
Lewis J S—f
Perkins H J—f
Price J C—f c

BAY ST LOUIS

Cazeneuve Jos F—f 1 c
Rea Geo R—f 1 c

BELZONA

Brumfield Willis—f 1 c
Jackson J S—f 1 c
McClintock & Moreland
—f 1 c

BILOXI

Bond & Watson—f c
Tucei V J A—f c

BOONEVILLE

Fugitt T J—f
Ketcham J R—f 1 c
Sanders J B—f 1 c
Stanley J C—f
Stephenson V H—c
Taylor J J—f
Thomas J R—f 1

BRANDON

Barnes & Fox—f c
Henry Pat—f

BROOKHAVEN

Brookhaven Bank & Trust
Co—f 1 c
Everett M L—f 1 c
Godbold Bros—f 1 c
Kees C J—f
Underwriters Agcy—f 1 c

BROOKSVILLE

Bank of Brookville—f
Johnson E H—f 1 c
Parks W E—f 1

CANTON

Flournoy J F Jr—f c
Hinton R E—f 1
Holliday T C—f 1 c
Roberts B L—f 1 c
Spivey R E—f 1

CARROLLTON

Bingham D L—f c
Terney J H—c

CENTERVILLE

Field Wm P—f c
Ford H B—f
McKee Ezra F—f c

CLARKSDALE

Johnson J H & Co Inc—
f 1 c
Martin & Mitchen—f 1 c

CLEVELAND

Brown Edgar—f 1 c
Butler D C—f
Davis P L—f
Fisackerly J H—f
Woollard P B—f 1 c

COFFEYVILLE

Brannon W L—f 1
Denley G E—f 1 c
Holley R L—f 1
Wilson N W—f 1

COLDWATER

Darby Mrs S L—f
DuBois E W—f 1 c
Gilliland W R—f

COLUMBIA

Fillingame Mrs Bessie—f
Harris G O—f
Jones H D—f
Maxwell & Williamson
—f
Simmons & McCoy—f

COLUMBUS

Brickell J H—f
Caine S L—f
Lawrence O M—f 1 c
Long Mrs Henrietta—f
Owen B L—f c
Pope W E—f
Sims F R—f 1 c
Woodward J P—f 1 c

COMO

Brown C R—f c
Pointer J H—f 1 c
Wier V A—f

CORINTH

Adams A A—f
Buxbaum J H—f
Everett B E—f
McPeters Robt—f
Young H N & Co—f
Young J E & Son—f

COURTLAND

Glenn J K—f c

CRYSTAL SPRINGS

Lott R E—f 1 c
Lotterhas P A—f 1 c
Townes A T—f

DUCKHILL

Fox R C—f
Wilkins C A—f

DURANT

Cooper & Maffield—f 1
Hunoldstein Chas—f
Montgomery R H—f 1 c
Neely J T—c

EDWARDS

Montgomery W A Jr &
Co—f c
Robb W M—f 1 c

ELLISVILLE

Ellsworth W H—f c
Mimms S D—f 1 c
Pettis W S—f
Walters W V—f

ENTERPRISE

Dear W D—c
Estes & Estes—f
Montgomery W H—c

FAYETTE

Easterling W R & Co—f
Fayette Ins & Realty Co
—f 1 c

FRIARPOINT

Lamkin J O—f 1 c
Robinson F D Jr—f c

GLOSTER

Seidenspinner J L—f
Toler I L—f c
Whittington L N—f 1

GOODMAN

Pickens E & W—f 1

GREENVILLE

Bergman Hebron &
Starling—f c
Lake Albert J—f
Lemler Max—f c
Robb & Moyses—f c
Wheatley George—f 1 c

GREEN WOOD

Barnwell & Ashcraft—f
1 c
Delta Ins & Realty
Agency—f 1 c
Fatherree M—f
Forrester & Wallace—f
McShane L T—f
Milton Miss Pauline—f 1 c
Miner J L—f
Petet W M—f 1 c
Tims A N Jr—f 1 c

GRENADA

Barnard & Perry—f c
Bell A S—f
Beaty C A—f
Cholmondeley C E—c
Davis A J—c
Doty W S P—f
Hoffa & Moody—f c
Hoffa W B—f
Lawrence O F—f
McLeod Miss Ruby—f c
Penn W E & Co—f c
Penn W E—f
Wilkins W P Jr—f 1

GULFPORT

Coleman & Co—f c
Dupree & Birdsong—f c
Harvard B—f
Hewes & Yerger—f c
Neville & Neville—c
Wells E W—f c
Walsh J H—f c

HATTIESBURG

Douglas S A—f
Eure Ins Agency—f c
Ferrill O S—f
Gaston P L—f c
Harrison J S—f c
Holmes D B—f
Kipp M D—f c
McCullough N R—f 1 c
Montague A A—f
Pace Geo—f
Robinson E P—c

HAZELHURST

Covington G W—f c
Ellis Bros—f
Graves A T—f c
Hamilton Mrs Mary N
—f
Higdon M N—f 1 c
Long J H—f
Ramsey Mrs Carrie W—
f 1

HERNANDO

Cooke & Flinn—f 1 c
Foster Hugh—f 1 c

HOLLANDALE

Bank of Hollandale—f
Hannah Wm—f 1

HOLLY SPRINGS

Francisco E W—f c
Smith & Tyson—f 1 c
Wright E M—c

INDIANOLA

Indianola Ins Agency—
f 1 c
Johnson E—c
Pitts W T—f 1 c

ITTABENA

Bradford & Reese—f c
Russell J F—f 1 c
Yazoo Ins Agency—f 1 c

JACKSON

Carter & West—f
Cavett J C—f
Crowder A C—f
Dreyfus I & Co—f c
Everett M L—f
Feazell M P—f
Gordon & Taylor—f
Graham H H—f
Harper & Sanders—f
Hood J C & Co—f 1 c
Hugh J West—f
Mims R B—f
Mosely & Nelson—f
Nelson Fred L—f
Nugent & Stevens—f
Pullen Mr—f
Ragland Mr—f
Ratliff, Bufkin & Mc-
Lean—f
Robinson & Julianne—f c
Ross & Yerger—f c
Shoemaker J M—f
Smith W R—f
Swearingen G C—f
Thompson C H—f
Wharton & Roberts—f c
Wells & Sessions—f
Whitten S R & Co—f
Yerger L & Co—f c

MISS.—Con.**KOSCIUSKO**

Brown Miss Alice—f c
Cain J H—f c
Clark C N—c
Jackson & Jackson—f
Knotts J M—f c
Lucas E L—f c
Luckett O A—c
Sanders & Musselwhite—f c

LAUREL

Blethen B J—l
Connell J W—l c
Edwards A A—l
Fuller Jr T M—f
Geddie L B—c
Graves Lindsey & Co—f c
Hurst E D—f c
Rumble & Chambliss—f c
Sullivan H P—l
Wilson W L—l

LELAND

Buford T A—c
Carnes W P—c
Gerald Eugene—c
Huddleston A C—f
Kamier P W—c
Porter R S—f c
Scruggs A W—f c
Smith M B—f c
Thompson F H—f

LEXINGTON

Herrman Sam—f l c
Watson & Durden—f l c
Young J K—f l c

LOUISVILLE

Harris J M—f c
Jordan S M—f
McCracken J L—f

LUMBERTON

Buchanan T D—l
Camp D C—f c
Carnathan J H—l
Hall W W—f

MACON

Boyd E B—f
Cavatt W M—l
Cavett E D—l
Covett Van C—l
Dorrah E C—l
Minor W P—f
Yates E V—f
Yates R E V—l

MAGNOLIA

Leggett A T—f c
Sparkman Miss Annie—f

M'COMB CITY

Central Realty Co The—f l c
Craft Hugh—l
Evans A J—f
Hunt B M—l
James Miss Ida M—f c
Johnson E E—l
Jones G O—l
Latterhas F H—l
Lee F C—c
Tate Chas M—l
Watkins John T—f

MERIDIAN

Broach & Broach—f l
Cameron B F—l

Carter & Broach—f
Colwell Ins Agcy—f l c
Dowdle J R—l
Elson Miss Minnie—l
Grimes B H & Co—f l c
Harris Lee—c
Houston R M—f c
Kimbrough Ed—l
Lloyd J C & Co—f
Nail & Broach—f
Nicholas A E—c
Shotts Henry A—l
Smith Alfred—f
Street H M—f
Weems & Wetherbee—f
White B V—f c
Woods & Poitevent—f

MOSS POINT

Vanderwall Jno A—f l c

NATCHEZ

DeLap Ins Agency—f c
Mayer Ins Agcy—f c
Metcalfe Ins Agcy—f c
Reed Thomas J—l
Ruoff John S—f l
Stratton S V—f c
Turley Ins & Realty—f c
Wilson C W—l

NEW ALBANY

Baker H E—l
Hall J F—f l
Houston Guy M & Co—f l c
Owen P—l
Rogers A L—l

NEWTON

Bassett R Felix—l
Bassett J H—l
Maguire H C—l
Newton Ins Agency
Tatum J—f
Waldron T J—l

OCEAN SPRINGS

Russell H F—c

OKOLONA

Houston & Jagoe—f l c
LaGrone & Morrison—f
Savage W E—f

OXFORD

Boone O B—f c
Linker F L—l c
Logan & Knight—f c

PASCAGOULA

Jane E J—f c
Lewis F H—f c

PASS CHRISTIAN

Northrop Elmer—f c
Spence Harry B—f c

PEARLINGTON

Bowes W M—c
Burwell Robt T—c
Gruber Chas W—c
O'Donnell Fred—c
Ormond R F—c
Pescud P F & Co—f c

PICKENS

Willis J H—c

PONTOTOC

Boone W A—f l c
Knex D W—l
Simmons J D—f c
Thomason W L—l c

POPLARVILLE

Cagle O B—l
Rawls T A—l
Scarborough J J & Co—f l c
Scott Miss Mabelle—f

PORT GIBSON

Bernheimer & Taylor—f c
Brashear J N—f
Drake E S & J T—f l c
Gordon C A & Co—f
Spencer H N—l
Spencer J G—l

QUITMAN

Evans J B—f c
Terral J A—f l c

RIPLEY

Wallace J C—f

ROSEDALE

Bonner Richardson—f
Lobdell John V—f l c
Roberts & Wilson—f

SARDIS

Duval C W—f c

SENATOBIA

House Sam J—f
Johnson H—f
Keeton E T—f l c
Perkins H T—f l
Still W E—f c
Tucker B A—f

SHUBUTA

Weems-Patton Agency—f c

SHUGULAK

Minor J L—f l

STARKVILLE

Beattie H A—f l
Buntin W W—l
Gunn G C—l
Hartness G D—f c
Hogan Mrs J B—f l
Joyner L M—l
Kennard J S—l
Lucas J L—l
Miller W H—f l
Powers F H—f
Reynolds Ins Agcy—f l c
Rush A F—l

SUMMIT

Forchimer Mr—f c
Kiersky Bernard—f
McNair Mrs M H—f
Teunisson Annie—f

TERRY

Birdsong Mary S—f

TUPELO

Harkey David—c
Fovall W S—f l c
Savery C R—l c
Savery F M—f l c
Thomas & Williams—f l c
Vincent W S—c
Wylie A L—l

UTICA

Carmichael John D—f
Dudley B F—f

VAIDEN

Armstrong J J—f
McConnico S E—f
Wettshire J L—f l

VICKSBURG

Clark W C—f
Flowers Bros—f c
Hamilton J C—l
Hennessey P L & Bro—l c
Hirsch Louis—l
Moore J K—f l c
O'Neil F E & Son—l
Smith H B—l
Speed & Moore—f l
Weil R—f
Wilkerson R C—f l c

WATER VALLEY

Brown G D—f
Cock Everett—f l
McLarty J Robt—f l
Mauldin J W—f
Peacock J D—l
Wagner Jno H—f
Wright B G Jr—l

WAYNESBORO

Bufkin J E—f c
Burke R S Jr—f
McMorries W B—c
Mauldin J W—f
Merchants & Planters Bank—f
Saul L K—c

WESSON

Anderson W H—f
Rea Jas S—f
Rea R E—l

WEST POINT

Arthurs, Dugan & Co—l
Betty R L—f
Carothers J N—l
Dixon E F—f l
Evans Isham H—f
Hibbler Tol—f
Marshall Lee & Co—f
Moseley Ins Agency—f c
Stacy Hibbler—f
Trotter R M—l
White P H—l

WINONA

Bray W M—l
Purnell J C—f
Small J B—f
Talbert B A—c
The Winona Ins Agcy—f c
Webster W S—f
Witty W H—c

WOODVILLE

Joseph I S—f l
Richardson Mrs N—f

YAZOO CITY

Barnwell & Barbour—f c
Bradley A L—l
Buckner C C—c
Butler Jas S—l
Doherty M P & J B—f
Exum B—f l c
Gunat R—l
Hays & Williams—f l c
Holt A P—l
Hudson W M—l c
Maxey W P—l
Munsell J S—l
Saunders R D—l

MISSOURI

ADRIAN

Barbee T H—l c
Duke J N—f
Herrel Geo—f
Hoover India Miss—f
Mahan C W—f l c
Nelson Moudy—f
Proctor Virgil S—f

ALBANY

Baine F E—f
De Bord Stephen—f
Gibbany C E—f
Gill Grey—l
Harman Andrew—l
Kent D O—l
Kingsborough D D—f c
Lockwood E C—f
Low A Roy—f l
McCammon J P—f
McCammon R M—f c
Robertson D F—f
Stapleton W P—f c
White Joe—f l
Whitton Charley—f
Wilkinson B P—l
Williams John S—f
Wilson Sam—l c

APPLETON CITY

Chapel W W—f
Coffin J G—f
Conrad A W—f l
Miller F H—f l c
Miller J W—f l
Routson J M—f
Vannice W R—f c
Walker J H—f
Watkins W N—f l

ASH GROVE

Comegys C B—f l
Hawkins Miss Maude—f
Moore James N—c
Muggrave G W—f
Norris A J—f
Ragsdale Howard—f l c
Weir A T—f

AURORA

Davis Allen M—l
Grier Gertrude E—f c
Munday J W—f
Raitinger Henry R—f l c
Walker N V H—f
Williams E H—f

BELTON

Blair J F—f
Bradford W J—f l c
Houston W P—f l c
Mullen Russell—f

BETHANY

Allen Bros—f c
Barlow & Barlow—f c
Bryant Joseph F Jr—f
Crossen C—f l
Cumming A S—f
Darr H C—f
Frisby E H—f c
Heaton Wm C—f c
Leazenby W H—f c
Nelson I E—f c
Rusk J H—f
Sigler B P—f
Skinner E—f c
Towns W F—f
Winslow C S—f

BEVIER

Edwards & Thompson—f l c
Edwards Waldo—f
Hale C F—f
Hughes J G—f l
Irvine T L—l
Thompson Geo S—l

BLOOMFIELD

Ashley John L—f
Gray W E—f
Green H S—f l
Moran Verner W—f c
Turnbaugh Thos B & Son—f
Williams E J—c

BOLIVAR

Adams & Mosier—f c
Bailey D M—l
Bushnell C E—l
Douglas T H—f
Hollingsworth O P—f
Lamun & Pemberton—f
Leonard B F—f
McCracken H C—f
McKinney & Co—f
Simpson J G—c
Townsend & Townsend—l
Viles C W—f
Watson Hattie O—f
Watson T A—f l c
West Harry T—f
White E W—l
Woodfill J F—l c

BONNE TERRE

Buford Geo W—l
Fake Geo—f
Kirkpatrick Alice—f
Malugen J H—f
Segar J C—l
Stanfill Geo—f l c

BOONVILLE

Chambers Wm—f
Citizens Trust Co—f
Danwalter Fred—f
Gott C P—f
Hadelich R G—f
Hickman Crockett—f
Journey C W—f
Lionberger Wm M—f
Nixon & Brosius—f
Rennison J E—f
Stephens W S & Bro—f c
Trigg Wm H & Co—f
Underwood John—f
Whitlow R W—f c
Windsor E A—f l c

BOWLING GREEN

Cash J E—l
Davis J V—f
Davis W J—f
Dunbar Wm—f
Hogue P B—l
Holcomb Mrs D—l
Lee G T—f
Omohundro E B—f c
Raufer Wm—f
Sanderson R B—l
Sevens J L—l
Thompson J E—f
Tinsley & Lyter—f
Wenkle Cash—f
Wise G C—f l c

BRECKENRIDGE

Greenwood & Cleveland—f l
Hart Walter O—f
Moren & McCubbin—f
Reed L W—f
Reynolds N E—f
Russel Joe C—f l c
Stucker & Son—f
Ward Frank—f

BROOKFIELD

Baker A W—f
Beauchamp & Son—f l c

Brott Edwin T—l

Carlton W J—f
Cornish J E—f l
Devoy & Sons—f
Erwin C O—l
Hendricks J J—f
Jones J W—l
Lander H P—l
Markhan Harry—f
Martin W W—l
Parsley W A—f
Pratt H C—f
Ratlift James I—l
Rusk E M—f l c
Rusk M Y—l c
Skene D B—f l

BRUNSWICK

Benecke & Benecke—f c
Benecke Louis F—f
Elliott Hiram E—f
Jackson L T—f l c
Merrill Lewis E—f
Rucker G W—f c
Smith B H—f l

BUTLER

Allen F R—f c
Canterbury & Canterbury—f l c
Catterlin J M—f
Duke C C—f
Hart J P—f
Hemstreet W F—f
Harrison Realty Co—f
Herrell J T—f l
Herrill J F—f
Hollaway J W—f
Jeter Frank—f c
K & S Land Co—f l c
Kenney H G—f l c
McCombs & Coleman—f c
Smith J F—f
Sleeth C A—f l c
Tuttle Ezra—c
Walker J S—f

CALIFORNIA

Burkhardt & Kuhn—f
Gatchett A A—l
Hardy H B—f c
Herfurth Henry—f l c
Hert L F—f
Rice Mrs Sophie B—f

CAMERON

DeHart L P & Son—f c
Fitzgerald Maggie—f
Freeman H L—l c
Groves H—f
Harris E T—f c
Hausom Adam—l c
Hurd L S—f
Klepper Frank B—f
Lawrence & Rathburn—f
Livingstone J A—f
McGill Nettie—f
Partin T W—f
Pulley Frank L—f l c
Rice Ernest—c
Trice W E—f
Wiley Max R—f
Williams J E—f
Williams R W—l
Ziegenbien Henry—f c

CANTON

Ballow J F—f
Barrett C W—f
Clay O C & Son—f
Dehner H P—l
Ewalt C M—f
Haney A F—f
Henton W B—f
Hilbert Arthur—f
Hilbert E C—f c

Howard H H—f c
Lawrenceceson F R—f l c
McCutchan Jas F—l
Millsbaugh F C—f
Oder Carlisle—l
Smith & Hanna—f c
Turley W M—f

CAPE GIRARDEAU

Ballard W C—l
Barber Roy E—l
Bowman Bros—f
Bridges & Wibbenmeyer—f l c
Buxton John E—l
Catern W H—l
Caton E A—l
Chappell Geo E—f c
Davis J H—c
Deane H S—f
Ellis E P—f c
Harris Edward R—l
Hoeller C B—f
Kempe A H—f c
Luebers Aug—l
Mansfield Jos G—l
Morton Chas H—l
Neal John T—l
Nunn J T—l
Reiss R O—l
Sinks A B—l
Stubblefield W H Jr—l
Vandivort & Vasterling—f l c
Vinyard Ben—f c
Whitelaw R H—c
Williamson R A—c

CARL JUNCTION

Allen E—f c
Downs Chas—f
Hilliker C W—f
Wiley Rony—f

CARROLLTON

Dickson E A—f c
Houston J G & Son—f l c
Lewis Sinton—l
Medlin A B Sr—f c
Monier R—f
Peltier G J—f
Rea & Standley—f
Tuley J N—f c
Turner & Clark—f

CARTERSVILLE

Burch & Harrington—f l c
Schoenherr Adolph—f c
Stalter, Gass & Sanders—l

CARTHAGE

Asendorf G W—f c
Buckwell G G—f c
Butts Ins Agcy—f c
Caffee & Caffee—f c
Chitwood Ed H—f
Cushman F A—f
Davison M F—f c
Donahay O C—l
Edwards E A—f
Griggs J W—l
Irwin Ed H—l
Lewis A F—f
McGee John C—f c
McMillan Jno A—f c
Moore W G—f
Newbury C—l
Pearce W L—f
Ramseyer O A—f
Ream Alice—f c
Rushmore Pitt N—f
Smith Geo F—l
Spence James—f c
Viernow M—f c
Wyatt & Maring—f c

MO.—Con.**CARUTHERSVILLE**

Bergstresser J M—l
Byrd W D—l c
Cunningham J A—f
Duncan & Gardner—c
Durham D—c
Hitchcock Wm B—l
Huffman J D—f
Johnston E H—l c
Johnston Jay A—l
Linbaugh W L—l
Moore, Clananah &
Long—l c
Scott J F—l
Smith E R—l
Smith J F—l
Tinde & Byrd—l c

CENTRALIA

Adams Dayton—l
Booth H S—f
Denham Joe E—l c
Diggs P R—c
Early C H—f
Edwards J R—f
Goddard Ellis—C
Henry J L—l c
Hope R L—l
Jennings D M—f c
Lyons C W—f
McCausland A J—l
Meffer Bros—l c
Pruitt H E—l
Settle C W—f c
Stewart J C—f

CHARLESTON

Allen Geo M—f
Black W E—l
Bridges Geo H—f c
Browning F—f
Coon H A—f
Daniel O F—l
Gillooly R B—f
Hale & Stewart—f
Hequembourg C W—f
Kirkpatrick Charles E—
—f c
Pruitt Thos & Co—f l c
Steele L D—f

CHILLICOTHE

Abshire Jas B—f
Bower E L—c
Bowman J W—l
Brockman W—l
Broyles Ben F—c
Carnahan G C—f l
Cies & Wolfe—f
Coburn A R—l
Cooley Elmer F—l
Cox Lewis—c
Cravens Geo A—l
Dale C J—l
Dienst J W—f
Elmore F B—l
Gill Forest M—l
Gill & Ryan—f c
Hoffman H C—f c
Jarvis S M & J F—f
Jordan Robt B—l
Kitt Paul D—c
Leaver Mrs Katherine
M—f c
Manning L A Jr—l
Mathews L Ruby—f c
Merrill R C—c
Morgan E P—c
Murphy M—f
Orr E C—f
Pardoun John E—f
Parker R S—c
Philips R S—l c
Piatt K S—l
Ryan J A—c
Shelten-Gunby Realty Co
—f c
Stepp W R—l

Stewart Douglas—f l c
Stone & Lipscomb—f
Wanamaker-Spence Ins
Agency—f c
Watkins J E—f

CLARENCE

Callison J O—f
Coombs H R—f c
Daniel Wm J—f
Dickson J L—l
Donaldson R T—c
Farrell J C—f
Felker A—l c
Grant Miss Agnes—f
Hambrich W L—f
Hammett Chas B—l
McCoy Jas L—f
Manuel Theo P—f
Lilly & Jenkins—f
Pritchard W M—f
Shanks R N—f
Siegler Mrs Mary—l
Wright H A—f

CLARKSVILLE

Carroll & Co—f
Duvall F J—f
Estes L Edgar—f
Huber H G—f
Meriwether F M—f
Moody E N—f
Wells J Henry Jr—f

CLINTON

Carter W F—f
Collins T W & Son—f
l c
Covington R L—l
Davis C I—f
Dix E E—f l c
Elliston J L—f l c
Faris H P—f
Forquer J K—f
Godwin W M—f c
Hoover Owen—f
Kyle J H—f
Lindley J F—f l
Ramsey C H—f l c
Snyder C H—f l c
Stevens W M—f l c

COLUMBIA

Athens Ins Agency—f
Banta W S—f
Chevalier Wm F—l
Cochran H W—f
Columbia Ins & Rental
Agency—f l c
Conley-Myers Realty Co
—f
Dimwiddie A F—f
Fellows N J—f
Gentry D T—l
Goldsberry H W—f
Holloway T J—f
Lonsdale B H & Son—f
McDonnell Emmet—f
McPheeters Harold—l
Pratt S W—f
St Clair-Garth Realty Co
—f c
Schwabe & Akeman—f
Smith-Catron-Evans
Realty Co—f c
Somerville J R—c
Stephenson Wm G—l
Stevinson S M—l
Stewart A J—f
Stone & Lipscomb—f
Trimble W G—f
Vright J E—f

CRYSTAL CITY

Rond G C—f
Gettinger J J—f l c
Herrick Leon—f
Jolly Glenn N—f
Southern Ins Agency—f l c

DEEPWATER

Henry E H—f
Huston & Smith—f
Weaver S B—f
Witherspoon M B—f

DESLOGE

Clay A J—c
Garret & Watson—f
Mackley A P—f l
Wescoat E W—c

DE SOTO

Barrett Jno F—f
Colman A L—f
Coxwell T F—f
Crow W E—f l c
Eaves T B—f
Herrington M F—f
Jones W T—l
Kempe Elmer—f
Mahn George—f c
Mauthe W J—f
Monroe Robert B—f l c
Roope Geo M—l
Rougely D L—f c

DEXTER

Blankenship J F—f
Carter & Copeland—f l c
Crane C A—f l c
Howell W Z—f l c
Shands D T—f
Sisler R A—f

DUENWEG

Sterling H W—f

EDINA

Browne B B Jr—f c
Cooney J E—f c
Cottey L F—f
Ennis J W—f c
Fisher John H—l
Gibbons P C—f l c
Hollister W C—f c
Linville Agcy The—f c
Long J E—f
Lynch S J—l c
Rouner D A—f c
Shumate Charles—l
Smith & Shumate—f c

ELDORADO SP'GS

Cedar Co Abstract Com-
pany—f l c
Chadd & Haggard—f
Dry T B—f
Ford James R—f l
Hamlin E M—f
McCrory & Son—f
Rogers David—f c
Russell W M—f c
Shaw Bros—f

ELSBERRY

Cannon Roscoe—l
Gibson John M & Son—
f c
Gibson Paul H—l c
Huckstep Chas S—f l c
Long Thos S—c
Palmer Jos R—f l c
Robinson Henry H—f l

FAIRFAX

Carter A L—f
Carter J G—f
Daulton B D—f l
Dragoo N F—f
Robinson M V—f
Serft I C—f l
Walkup Walter—l
Whitford Ray C—f

FARMINGTON

Babb Linn O—l
Bleack Oscar W—c
Clay J S—f
Doss Russell—l

Fleming W N—f
Haile Oscar L—f c
Heifner Jas C—l
Hinsley S J—f
Ledbetter H B—f c
McCormick Fielding—c
Noland E T—l
O'Sullivan Wm—l
Pipkin Merrill—f
Smith-Bleack-Forster—f c
Young M A—f l c

FAYETTE

Armstrong J W—f l c
Bagby David Jr—f
Bedford E W—f
Blakemore W W—l
Brown W G—l
Burgin A B—l c
Davis M H & Co—f
Denneny J B—f
Furr C C—f
Gallemore J R & Co—f
Kirby Alva—f
Potts Miss Neil—c
Seat J B—l
Settle J D—f
Settle J R—f
Smith Geo W—f c
Talbot John—l
Tindall Jeff—f
Thompson Jasper—f
Willis A F—f
Wirt Mitchell—f l
Woods J A—f l

FERGUSON

Atwood LeGrand L—f
Browning F W—c
Chase Edgar—f
Graf & Case—f
Tiffin Edw—f
Tiffin Wm H—f

FESTUS

Boyd N B & E F—f
Brickley F W—f
England C C—f
Funk Jno R—f
Gettinger P J—l
Haefner Jno V—f
Luckey Frank C—f
Roth Adolph—l
Terry Philip S—f
Vaughan H E—l c
Vaughan R E—f

FLAT RIVER

Horton & Reid—f l c
Marshall & Coffey—f c

FREDERICKTOWN

Albert R—f l c
Anthony E D—f
Cahoon B B—c
Chilton J F—f
Glaves J F—f
Mills Samuel—l
Pirtle I J—f l
Tesperan D—f

FULTON

Adcock Gilpin & Criswell
—f l c
Atkinson J H—l
Bell M F—l
Bogges H D—l
Collier S Barry—f
Eversole H N—c
Fisher R E—f
Guthrie M L—f l
Hamilton & Crenshaw—
f l c
Harris & Harris—f l c
Herring D W—c
Jameson W E—f l c
Koontz & Palmer—f l c
Lynes J C—f l c
Miller Oris J—l
Sharp J B—l
Tuttle E N—f l c

GALLATIN

Cruzen N G-f
Dudley Boyd-f
Everman J W-f
Fair Fred-f c
Gillihan Ben-f c
Givens N S-f c
Handy W R-f c
Kerr H A-f
Maffitt A R-f
Mann E D-f
Meade C H-f
Mettie O O-f c
Pitche H A-f
Selby J A-f
Tague W O-f c
Trotter Roy-c
Wilden C H-f

GLASGOW

Hannaca W A-f 1
Price A B & Son-f 1
Richardson G S-f

GRANBY

Fishel & Kelly-f
Huttsell & Tatum-f c
Varner S B-f
Winters John-l

GRANT CITY

Anderson James-f
Benson Jesse-l c
Clark F M-l
Cloud S A-f
DuBois & Miller-f c
Engle J E-f
Ewing John-f
Hudson Peter-f
Kelso Ed-f
Phipps L M-f
Simons J M-f c

GREENFIELD

Barker Katie M-f
Bell W R-l
Grether R W-f
Hall Wm A-c
Neale B M-f
Russell W O-f c
Shaffer & Wetzel-f c
Stearns E D-f c
Van Osdel F G-f

GREENVILLE

Bennett C P-f
Hughes B H-f
McElhanon H B-f 1 c
Settle John H-f
Templeton A G-f
Wilkinson G T-l c

HAMILTON

Clark Elmer-f 1 c
Hudson C P-f 1 c
Johnson C C-f c
McAfee William-f c
Richardson H B-f
Roberts J P-f
Williams F E-f
Young S M-f

HANNIBAL

Anderson C H-f
Anderson T L-f c
Clayton Geo D-f 1 c
Clayton Robert M-f c
Davis C Asa-f 1 c
Elzea J E-f 1 c
Fisher A J-f
Fisher W H-f c
German American Trust
Co-f c
Gilbert R N-f c
Gilbert Wm R-l c
Graham B B-l
Hagan Thos-f
Hannibal Trust Co-f c
Hilt J H-c
Hoffmann J F H-f

Holme John T-f 1 c
Knighton P H-f
Link E A-l c
Link W Z-f c
Moncton Chas-l c
Osterhout S O-f
Owens Frank-l
Pearce Harold-l
Plowman & Greenville-
f c
Rendlen R-l
Rice & Hobson-f
Roberts & Co-f
Ro Bards A C-f
Scheidker C E-l c
Settles E V-f 1
Spencer R A-f

HARRISONVILLE

Allen C E & Son-f 1 c
Barnett D B-f c
Bird Chas-f c
Bohon A B-f
Bryan Oscar W-c
Bundy Chas C-c
Christopher W C-f
Conger A-f 1 c
Connelly J E-f 1
Davis J A-f
Hight & Bidson-f
Howard Frank H-f
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Barrows John N—f
Hoover R E—f
Klump & Jamison—f
Klump H M—f l
Moore & Klump—f
Moore Jno D—f c
Stonebraker W C & Son
—f c
Templeton Geo—f

RICHMOND

Akers J T—f l
Akers W T—l c
Black J E—f c
Brady D B—f
Craven J B—f
Duvall I B—f l c
Garner C T—f
Higdon G E—f
Jacobs Jno T—f
Kirkpatrick R B—f
Shotwell Jno W & Son
—f
Stone George A—f

ROCKPORT

Boettmer G W—f c
Bressler W M—f
Clark S M—f
Gore J F—f
Gutach & Wells—f c
Mullins Lee—l
Pitzer & Frazier—l
Raines John W—f
Stapel H F—f
Wyatt D T—f c

ROLLA

Bland C C—l
Cowan & Rucker—f
Denison W T—f l c
Livingston F C H—f c
Knapp C M—c
Kerr F C—f l c
Rucker B H—f l c
Walker J E—f

ST. CHARLES

Alexander Percy—f
Blocbaum Wm F—f l
Bruna J W—f
Cardoza J M—l
Diehr J George—f l
Dinkmeier J F—l
Echelmeyer Herman H—f l
Emmons Ben L—f
Feldman L F—l
Grothe W L—f
Haenssler R C—f l
Kemper Henry—f l
Martin J B—f c
Radel Geo—f
Sackle Aug—l
Wilmes Fred'k F—f
Wolter Wm F—f
Worful Benj—l

ST. JOSEPH

Albus J—f
Andrews & Kelly—f
Annis R W—l
Beard J W—l
Bowen Lawrence C—f
Boyer & Bowen—f
Brown John W—f c
Cain J J—l
Conway Herbert—f
Courtney F D—l
Davis Bros—f
Farrell James—f
Farnham H E—l
Gallagher W W—l
Garlich Agency Inc—f
Harris H B—l
Hartzell E F—f
Holland C L—l c
Justus S P—c
Leach E A—c
Love A C—l
McDonald & Vories—l c
McGee Agency—f c
McGee John A—f c
Mack W L—f
McMurtrie H R & Co—f l c
McPherson A L—l
Michael Charles—f c
Miller S F—l
Mumford & Hanna—f c
Murphy S J—l
Niedorp Harry—f l
Notzon B—l

O'Day John R—l
Peacock Harvey—l
Pirkey S—l
Pottenger M A—c
Riley & Labrunerie—f
Russell & Brown—f c
Schneider Agency—f
Sherwood Willis—l c
Shull & Chipp—f
Smith E L—f
Strong B H—c
Stubbs L H & Co—f c
Sullivan M—f
Taylor N T—c
Trice Harry—f
Wade R H—f
Walker Lloyd—f
Walling Geo A & Co—f
Weakley L O—f l c
Whitaker J E—l
White W H—f c
Winning Robert—f
Zeidler John L—f

ST. LOUIS

Able Henry Ins Agcy—f
Acree J T—l
Acree J W—l
Alexander Clarence L—f c
Ambler A B—l c
Anderson W E—l
Andrews & Bennett—f
Andrews W O—l
Arthur W H—l
Atwood & Johnson—f c
Aufferheide F W—l
Bardwell John C—c
Bacon E O—l
Baird J R—l
Barrows J C—f c
Bartlett & Miller—f
Bascome Western—f
Baur E—l
Becker A F—f
Becker F L—l
Benham G—l
Bennett E J H—f c
Berg Nicholas & Son—l
Berkley & Smith—f
Bersch Ins Agcy—f
Bilheimer W E—l
Black G E—l
Bloodworth J M—l
Bloomer W H—l
Blossom H M & Co—f
Boettler Albert A—f c
Branch C—f
Brey Wm L C—f
Bright L E—f
Burde C J—f
Burgard H V—l
Burleigh Frank J—f c
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Cabanne L D Agcy Co
—f
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WILLIAMSBURGH
STUYVESANT
PACIFIC
GERMAN ALLIANCE

N. Y.

STATE
NATIONAL UNION

PENN.

CAMDEN
GRANITE STATE
RHODE ISLAND
ST. PAUL
NORWICH UNION
NORTH BRITISH
COMMERCIAL UNION
QUEEN
ORIENT

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N. H.
R. I.
MINN.

ENG.

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ACCIDENT, BURGLARY, LIABILITY, PLATE GLASS
PRUDENTIAL CASUALTY, IND. LONDON & LANCASHIRE, ENG

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RHODE ISLAND, R. I.

CONTINENTAL, N. Y.

COMMONWEALTH, N. Y.

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QUEEN, RELIANCE MARINE, WILLIAMSBURGH.
ART WORKS, BONDS, BOILER, JEWELRY AND TOURIST FLOATERS,
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American Central; National Union, Pa.
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Co.

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(Automobile Division.)

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H. W. EDDY

INSURANCE

506 OLIVE STREET

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Merchants Exchange
St. Louis, Mo.

Capen Geo D & Co—f c
Carman C B—l

CARR BROS.

REPRESENTING
Atlas, Eng., Royal, Eng., Citizens,
Mo., Milwaukee Mechanics, Wis., Lon-
don Ass. Eng., American Central, Mo.,
Springfield F. & M., Mass., Boston,
Queen, Girard, Phila., Mich. Canal,
Mich. Millers, Royal Exchange, Hart-
ford Fire, Firemen's, N. J., Standard
of U.S. Casualty, Am. Surety of N.Y.
Bell Tel., Main 1517 Long Distance
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Ins Agency—f c
Case F C—f
Cheney F N—l
Clardy O K—l
Cook E S—l
Cook John W—f
Collins, Martin, Son &
Co—f c
Cordry W S—l
Cowen & Gray—f
Cowan J E & Son—f
Crane C L—f c
Crawford G Lacey—f c
Crawley Mark—c
Crocker Percy O—f
Croxson F N—l

COWEN & GRAY

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Day John O—f
Delaplane E S—c
Delafield & Snow—f
Dempsey Thos J—l
Deuchler F M—f
Dickinson C C—f
Dix T O—l
Dooley Thomas J—f
Donnelly P J—l
Duncan C H—f
Dutton R L—c
Dyer G L—l
Eaton C D—f
Eddy H W—f l c
Elliott Thos T—l
Ellison H R & Bro—f c
Estes W—l
Evans Orron D Ins Agcy
Co—f

Fisher C W—l
Fisher W J—l
Flynn Jas F—l
Fowler F E—f c
Fraley Moses & Co—f
Frees H J—f
Freywald H R—f
Fritchie E W—c
Fulton Edwin H—l
Funk W—l
General Underwriters Co
Co—f c
Gerlach Wm—f
Godlove D W—f
Goldsmith & Stampfer—f
Gore C H—c
Haas J L—l
Hall Geo W—l
Halley J F—l
Hancock W P—l
Harkins J R—f c
Harkins & Tontrup—f
Hayward H S—l
Heany Thos M—f
Hellman I H—f
Herrick Wm H—l
Hickey Jos F—f
Hirschberg F D & Co—
f l c
Hoffman C H & Bro—f c
Hoffman R A—c
Houston Jas M—f
Houx E S—l

Hughes L C—l
Humphrey & Ewing—f c
Hunt Bros—f
Insurance Agcy Co—f c
Isaacs E L—l
Janis A A—c
January Harry C—f c
Jenkins Wm H—f
Jennings Edgar M—f
Johnson Henry N—l
Jones R P—l
Kammerer L G—f
Kann G S Ins Agcy—f c
Kennedy Samuel G—f
Keppel C H—l
Keyes A A—f c
King L L—f c
King William—l
Kirkpatrick & Kirk-
patrick—f
Klobasa E L—f
Koch T S—l
Kolb W H—c
Krause G W—f
Kreismann F H Ins
Agcy—f
Kronshein Henry—l
Kuehne Albert—f
Kuhns A H & Son—f
Lambur Chas—l
Lane John J—l
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Limberg Edw A—f
Lochmoeller Wm F—l
Logan & Windmuller—
f c
Lowenstein Samuel C—l
McCormack W R—l
McKnight Gardner—f c
Maillot W L—f
Many N B—c
Markham W H & Co—
f c
Martin Wm F—c
Meek J F—l
Mercantile Ins Agcy—f c
Metcalfe D D—f
Meyer E J—l
Meyer F J—l
Meyer Ins Agency—f
Michener Walter L—l
Miller C L—f
Miller F B—l
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Papin Harry E—f
Parks J J—l
Pasmezoglu E E—l
Patten F B—l
Perry R E—f
Polk Samuel—l c
Reid Fred A—f
Rench F T—l
Reyburn Valle—f c
Reynolds Manual M—f
Robb Ben E—f
Roeslein & Robyn—f

Rowland & Wilson—l
Ruggles Thos H—c
Ruler B E—f
Rutledge O P—c
Ruth J B—l
Ryan Thos C—f
Sawtelle, Serven &
Schermmerhorn—f c
Schaeffer & Fruedenstein
—f c
Schenk O A—l
Schenk, Nicholas & Co—
f c
Schmidt Henry—f
Schoppe Jacob L—f l
Schwartz Hugo W—l
Schuremann A H—l
Scott Walter S—f
Searles T M—l
Serven W S—c
Sheppard J R—f
Smith E H—l
Smith Fred V L—f
Smythe Edgar R—f
St. Louis Und Agency—
f c

Stevens Eugene—f c
Stevenson E L—l
Stinde E B—l
Stone Percy—c
Strop John W—c
Taylor W H—f
Terry W—f
Thomas John A—l
Thompson C L & Son—f
Thompson E C—f c
Thompson E V—f
Thompson Walter D—c
Tombridge Agency—f
Van Dyke Jacob & Co—l
Wachter Aug A—f
Wall H G—f
Wall N R—f
Weber J—l
Weber Agency—f c
Weik Henry—l c
Weinzettel E—f
Wells Ed E—f
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Co—f c
Willett G H—l
Williams Chas H—l
Williams E—l

Wilson Guy—l
Wilson J R—l
Wilson Richard D—l
Winkler L J—l
Witte Oscar R & Co—f c
Wyatt W H—f
Yeckel Louis F & Co—
f c

SALEM

Bennett E W—f
Bolt A A—l
Bruce T A—f
Cannon Lee—f
Dent L—f
Dent T F—f
Garrett R E—l
Gleason Albert—f
Horsman Ben—f
Horsman R L—f
Moser Geo D—f l
Stephens J M—f
Ware S H—f

SALISBURY

Brummall L Don—f
Chinn Orton—l
Dunn Eva—f l c
Edwards S C—l
Ferguson E C—f l
Hays Ben—f l
Ingram Joe W—f
Johnson Laura B—f
Karcher Thos—f
Longbottom W A—l
Mason J R—f
Statenbocker W F—f
Sutter E J—f
Sutter Emil J—f
Sutter W E—l
Trammel S F—f l c
Walker Geo W—f
Winslow G H—f

SARCOXIE

Boyd H B—f l c

SAVANNAH

Allen C H—f
Booker Lloyd W—f
Byergo E N—c
Chapman & Miles—f c
Gee R H—l
Ford W F—f
Hunt A R—l
Kline J W—f
Knickerbocker F—f
McFadden R H—l
Majors & Sparks—f
Miller Earl A—f l
Nance Arthur G—l
Nuckols J H—l
Pryor Chas D—l
Stevenson & Clayton—f c
West Edgar L—l
White J K—c

SCHELL CITY

Day V J—f
Enaley J W—f
Johnson L M—f
Maus A H—f

SEDALIA

Baird F P—f
Bouldin R E—l
Carl & Scott—f
Carroll L B—l
Cassidy & McGrath—f
Combs F F—f
Espenscheid A P—f
Evans Ed J—f c
Fox F S—c
Ginter L—f c
Gulick C C—c
Highleyman W H—f
Hoffman F E & Son—f c
James S W—f
Jenkins & Broe—f c
Leach Frank S—f
Melton & Hoffman—f
Merriweather F—f
Morris Bros—f
Ritchey W H—f
Sprecher & Son—f
Stafford P G—f
Van Wagner W H—f
Wallace May—f
Wiley W U—f c
Williams H L—l c

SENECA

Bennett William—f
Greer Miss Gussie—f
Sutton S A—f c
Watson T M—f
Williams Chas—f

SHELBINA

Daniel Wm—l
Jewett E W—f
Jewett H H—f
Manning W S—f
Martin & Co—f
Meyers C H—f l
Moore J M—f
Ralls E H—l
Rice & Shouse—f
Stout Geo—c
Thomas & Gillespie—f

SHELBYVILLE

Cadwell E M—f c
Dale J D—f
Dunn A M—f
Hewett John J—f c
Jackson & Nell—f
Moran Wm R—f
Perry J T—f

SIKESTON

Bruton C F—f l c
Felker & Powell—f
Gresham M G—f

Lecher J C—f
McCoy Dan—f
Moore Joe W—f
Parriah L T—f c
Parsons Geo E—f
Sikes & Smith—f
Stubbs Joe—f
Tanner J L & W H—f

SLATER

Bridges & Tucker—f c
Burks & Sterrett—f c
Field C E—f
Gwinn R P—f l
Herider Dan V—f c
Jenkins R A—f
Mead S C—f
Rector & Son John G—f c
Storis Com F—f

SPRINGFIELD

Atterbury Mr—l
Bagby & Dark—l
Banks & Owens—l
Boehm & Umbarger—f
Bryant Wm S—f
Burton W G—f
Calland W C—f
Cope S E—l
Cox Bros—f c
Curtis W T & Co—f c
Diggins A B—f
Dixon Guy E—f
Dixon J B & Son—f c
Earl Paul—f c
Fairbanks James O—f c
Fairbanks John W—f c
Fullbright J M & Co—f l c
Garlick H C & Co—f c
Green W B—l
Hackney G W & Son—f l
Hayward A C—f
Henderson Walter—f c
Hornor E V—f c
Hubbell L W & Son—f c
Hubble M J—f
Hull F A & R—f
Jones H C—f
Kelly W B—c
McAtee & McAtee—l
McKnight Mr—l
Martin & Co—f c
Marx J—l
Meador W G—f
Myers P G—f c
Nelson M A—l
Olendorf Geo F—f c
Ollis R A—f
Ozark States Trust Co—f l c
Phillips E W & Son—f c
Quisenberry A T—c
Richesin J J—f c
Rogers F—c
Ruffin E O—f
Scott V A—f
Sheppard Joe & Son—f
Sperry Jasper N & Co—f
State Savings Trust Co—f c
Thomas M J—l
Waddill J B—l
Walker M E—l
Woodfill & Raitinger—f

STANSBERRY

Anderson E U—f
Cain J J & Son—f l
Duncan R P—f l
Greenlee C A—l

Houston E T—f
Long Chester N—c
McCarty J H & Son—f l c
McCoslin F J—f
Sager W F—f l c
Vogt C G—f

STEWARTSVILLE

Deppen J A—f
Gantz F A—f
McCrosky A D—f
York J N—f l c

SUMNER

House U A & Son—f l c
Lewis F M—f
McCormick J T—f c
Wanamaker F—f

SWEET SPRINGS

Beatty & Huston—f
Burhend Leo—f
Ehlers Wm—f
Hall C U—f l
Hedges Warren—f
Hocker & Hicklen—f l
McGuire J—f l
Reavis W H—f
Wall Lester—f

TARKIO

Cunningham N D—f
Davis Thos J—f
Foskett L M—f
Gerlach J A—f
Gibbs Alfred—l
Graham John G—f
Kimmerling D H—f
Littell W R—f
Nichols W B—l
Raines E N—f l c
Shaum J B—f
Stevenson Geo J—f
Wilson J H—f

THAYER

Cash Dan C—f c
Durst Geo M—f c
Motzinger V E—l
Sharp Thos W—f
White Firl E—l

TIPTON

Crone Fred H—f
Henry P W—f
Hoehn Henry—f
Miller J R—f
Minor Mace—f
Monroe Walt M—l
Quigley W F—f
Sommerhauser Jos—f
Thomas A J—f
Weber P J—f
Weber Godfrey P—c

TRENTON

Bain H J—f
Boyce R E—f
Coon C A—l
Ginn H—c
Hall Bird—f
James Mac—f
Jones J—f
Proffitt J D—f
Robinson L P—f
Sawyer & Snyder—f c
Stepp W D—f
Vawter W S—f
Warden L A—f
White A M—f l c

TROY

Allen J B—f
Cannon C A—f
Dudley W A—f l
Ellise W A—l
Haynes Earl P—l
Henry John T—f l
Howell Frank—f
Killam D E—f
Martin Chas & Sons—f l c
Penn S L—c
Swan W E—l
Watts C B—l
Woolfolk E B—f
Young Wm R—f

UNIONVILLE

Brown J U—f
Coop G C—f
Forbes Bros—f c
Jones L—f
Little R F & Son—f l c
McCutcheon & Son—f
Middleton Bros—f l c
Pratt & Vrooman—f l c
Staats E C—f c
Tate G A—f c
Valentine T B—f c

VANDALIA

Barrow James O—f
Brooks & Daniel—f
Chilton J A—f
Coss E C—f
Cowan Sam—l
Ellis & Moore—f
Ferguson W M—f
Gentle Reginald—f l
Lemon E C—f
Murrell Walter—f
Renner John—f
Ware Ed—f
Weatherford W M—f

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Agee W T—f
Buell W A—f
Crewson E A—f
Daniels Samuel—f l
Hubbard G H—f
Jones Jno J—f
McClelland J W—f
Spurlock Paul—f
Young H A—f

WARRENSBURG

American Trust Co—f c
Bell W L—f c
Cloyd C P—l
Grover & Grover—f c
Hill J M—f c
Jack L W—f c
Johnson E N—f
Loebenstein Rudolph—l
Marshall & Johnston—f
Six J E—f c
Williams E A—f c

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Krug Herbert—f
Pues Louis F—f c
Remstedt Joseph—f
Thias H H—f
Thias O H—f c

WEBB CITY

De Garmo G H—c
Funk J—f l c
Hirons & Harris—f l c

Home Land & Loan Co—f
Hulett H B—f c

WEBSTER GROVES

Appel Theo R—f
Baker Chas A—f
Baker Herbert O—f c
Belding Henry W—f
Booth L F—f
Coggeshall C H & Son—f
Cook John W—f
Gloor Edwin—l
Howe Fred G—f
McClure G E—l
Miller F B—l
Rowse E C—l
Scott Walter—f
Smith A T—f

WELLSTON

Givans Jno H—f c
Janow Gerling Co—f
King Realty Co—f
Surkamp H B—f c

WELLSVILLE

Barker J L & Son—f c
Cullom Jno J—f
Lehnen R G—l c
Mabry W L—f l
Menece George W—f
Rees F L—f
Sanders W A—l
Schoendker J J—l
Wise C P—f l c

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Heidlage John B—f
Moody C W—f l

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Hardesty M S—f
Murdock & Corman—f l c
Schneider A—f
Schneider A V—f l c
Sebus G H—f
Shenkner R O—f

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Espy D A—f
Halstead Geo—f
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Kellett F M & Son—f c
Laird & Kirwan—f
Riley Mrs Fannie—f
Slavens J C—f c
Webb J B & Co—f

WILLOW SPRINGS

Burchard C H—f
Dawes H P—f c
Ferguson J A—f
Lovan Jas R—l
Preston L T—f c
Patterson Geo—f
Sass Frank—f
Sillato T C—f
Willis C W—f

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Faster R E—f c
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Morrison Geo—f c
Rogers J G—l
Schweer G W—f

MONTANA

ANACONDA

Abbott & Ford—f c
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James Ino W—f
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Pickover F W—f
Riviere A E—f
Sullivan & Peterson—f
1 c
Thompson L A—f
Wellcome & Durston Co
—f c

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Polutnik Frank Jr—f c
State Bank of Belt—f

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Billings Loan & Title Co
—f c
Brooklyn Real Estate Co
—f
Boyer Bros—f
Burton Chas F—f 1 c
Combs W A—f
Davies R M—f
Holliday D H—f
Matheson W P—f 1
Montana Mortgage Co
—f
Montana Realty & Loan
Co—f
North Real Estate In-
vestment Co—f
Patterson James—f
Ralston Realty Co—f
Rixon W P—f
Roche Jos E—f 1 c
Wilhelm Chas—f
Williston H S—f
Yellowstone Inv Co—f c

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Dean F H—f
Flaherty J C—f c
Kelly J E—f
Tuttle S F—f c

BOZEMAN

Bigelow I W—f
Brandenburg A M—f
Buell H S—f and Co—f
Burkett W B—f 1
Burtch John L—f
Dodson Philip—f
Dunlop C E—f
Fisher E H—f
Gallatin Land & Invest.
Co—f
Gardner E M Co—f c
Lindley J M—f
Myers O E Realty Co—
—f 1
Nelson Clyde—f
Sears & Dawes—f
Smith W V—f
Wyman C H—f
Yergey & Yergey—f c

BUTTE

Bailey Realty Co—f 1
Bell F M & Co—f
Berger M A—f
Boliver & Brown—f
Cannan & Hayes Co—f
Conroy M V—f
Davenport Co—f c
Dunn P T—f
Edwards & Traveek—f
Fenner W D—f
Fitzpatrick J B—f
Glover Realty Co—f
Goodwin Realty Co—f
Hanson-MacPherson Co
—f
Hugo W L—f

Huston & Elderkin—f c
Johnson & McLennan—
—f c
King L A—c
Ladendorff E—f
Lalor & Rowe—f
Lauzier-Walcott Co—f
Meagher & Sullivan—f c
Montana Securities Co
—f
Morgan A T—f c
Morley & Thomas—f c
National Mining & Inv
Co—f
Passmore & Co—f c
Penaland A—f
Pender W W—f
Perham A—f
Reynolds & McDowell—f
Ross & Kilmer—f
Russell J—f
Schott L M—f
Slumus & Booth—f
Smith & Siewe Co—f c
Smith C H—f
Steele Chas—f
Wall & Jackson—f
Wilson & Smith—f

CHINOOK

Beulieu L N—f
Blackstone D L—f
Bogy V—f
Christensen & Hoover—
—f c
Duff J C—f
Kenyon D C—f
McKinnie-Gilman—f
Morehead J T—f
O'Keefe R E—f
Overson & Watkins—f
Ryder W—f
Sands W B—f

DEER LODGE

Cobb Fred H—f c
Cockrell Moncre—f c
Eldred Ithel S—f 1 c
Laughlin T C—f
Lochrie A J—f 1 c
Meyers J H—f
Nelson Bros—f 1 c
Scharnikow Edward—f c
Sizoo John—f
Valiton H G—f
Wilson S P—f

DILLON

Bernstein Wm—f
Best O M—f
Boone Robert W—f
Crittenden Chapman Co
—f 1
Farnsworth E G—f
Haselboher F A—f 1
Johnston A S—f 1
Paul G T—f 1 c
Price L J—f 1
Smith Pearl I—f
Stone A L—f 1
Tattersall R F—f
White B F—f
White E D—f

FORT BENTON

Ball W M—f
Crane Ezra L—c
Cummings Thos A—f
Flanagan F A—f
Garard J G—f
Hagen Henry—f
McGinley Hugh S—c
Miller H F—c
Schmidt G C—f
Sedgwick J Lee—f
Sullivan J F—c
Tobey M W—f 1 c
Wackerlin O J—f 1 c

GERALDINE

Arnett Thos F—f
Crichton D A—f
Montana State Land Co
—f
Welch Wm D Co—f

GLENDALE

Banker C A—f
Duckam R L—c
Hagan T F—f c
Hewitt H D—c
Leiper F P—f
Leonard E C—f
Miller & Jordan—f 1 c
Miskimen J H—c
Rivens Jens—c
Sample H A—f
Slattery J A—f
Watson Robt H—f 1 c

GREAT FALLS

Agnew J W—f
Bennett & Pierce—f 1
Campbell C H & Son—f
Casavaw G H—f
Chichester Geo A Co—f c
Croghen F H—f
De Forest B—f
Dobbins W H—f
Electric City Land Co—f
Frary & Burlingame—f
1 c
Gaunt J M & Co—f
Hickman Geo—f 1 c
Holmes John—f
Huntsberger W W—f 1
Larkin T H—f
Lee J T—f
Letcher-Reckards Co—f
McCutcheon Bros—f c
McDonnell L M—f 1
McNair B P—f 1 c
Malmberg Alfred—f
Pierce Allen—f
Robb D W—f c
Rogers A E—f c
Rutherford L F—f 1 c
Schaeffer Inv Co—f c
Sexton Lloyd Co—f
Sherman H I—f
Stackhouse-Speer Agcy
—f
Stanley H H—f
Wadsworth O F Jr—f c
Wadsworth & Raben—f c
White-Lapin Co—f c
Williams-Hill Co—f

HAMILTON

Chambers H A—f
Cooper Oliver C—f
Goff D T—f c
Johnson & Tucker—f c
Johnson Bros—f 1 c
Miller R D—f
O'Hara R A—c
Packer H C—f c
Reese Geo A—f c
Roberts W H—f
Shoudy J E—f 1 c
Taylor J D—f

HAVRE

Barrett Pete—f
Blair Jos J—f
Carruth E C—f c
Devlin L K—f
Guinier Geo—f
Gussenhoven Joe—f
Havre Land Co—f
Holland Jas Jr—f
Ling C W—f
Mack Walter—f
Meili H J—f 1 c
Ritt A L—f
Roper Mrs C C—f

Rose C A—f
Sanderson J A—f
Skylstead O—f
Troy I J—f

HELENA

Armstrong Wm K—c
Becker C—f
Biggs Inv Co—f c
Ellis C F & Co—f c
Fidelity Inv Co—f
Fredericks & Price—c
French C D—f
Goza S D—f
Hawkins R M—f
Heller F E—f
Henry L C—f
Hosch P F—f
Joyce G J—f
Laws J T—f
Linderman F—f
Miller T B—f
Palmer H B & Co Inc—f
Piatt & Heath Co—f
Pigott H H—f
Pioneer Realty Co—f
Poznanski Sol—f 1 c
Rickards & Ellis—f
Schroeder Bros Co—f
Ward Arthur—f

KALISPELL

Adams L A—f
Day E E—f
Duffy John—f
Flathead Title Co—f
Givens E E—f 1 c
Griffin & Stannard—f 1 c
Grimm C R—f c
Howley & McStravick
—f
Knott E B—f
Merigold F W—f
Rognlien & Johnson—f c
Ross David—f
Sausser John—f
Simon A W—f

LEWISTON

American Loan & Inv
Co—f
Basin Judith Inv Co—f 1
Burke Geo W—f
Cook-Reynolds Co The-
—f c
Downing & Mathews—f c
Empire Land & Invest-
ment Co—f
Farmers Land Co—f 1 c
Foster A E—f
Hilger Loan & Realty
Co—f 1 c
Kelly C M—f
Morton-Hill Co—f 1
Shoemaker C E & Co—
—f c
Stack B E—f
Wright Edmund—f 1 c

LIVINGSTON

Bender Frank—f
Dooley & Healy—f
Everett John—c
Livingston Land & Ab-
stract Co—f c
Roberts Bros—f
Swindlehurst T M—f
Walsh M J Co—f 1 c

MILES CITY

Calvin Inv Co—f
Collins J B—f c
Custer Comm Co—f 1
Daniels R H—f 1 c
De Carle John E—f
Farnum J E—f 1 c
Gibb John—f 1 c

Lathrop C H-1
Lindeberg C A-1
Patt-Tuggle Co-f 1 c
Security Abs & Title Co
-f 1
Sorenson N P-f
Wiebke A-f

MISSOULA

Anderson A K-f
Beckwith Chas E-f
Brooks G F-f 1
Cobban Realty Co-f 1 c
Dyson Wm-f 1 c
Ferguson Charles-f
Fisher H D-f
Fraser W I-1
Harrington Fayette-f

Herriott E E-1
Houston Realty Co-f 1 c
Hoverson Edward-f
Keith Frank P-f
Morrell C T-f
Newland & Gage-f 1 c
Orr O B S-f
Owen J V-1
Peat Cuthbert-1
Pearson F M-f 1 c
Pierce J F-1
Richards S J-f 1
Robinson I M-1
Ross D H-f 1 c
Smead W H-f
Smith Wallace-f
Smith M R C-f 1
Stoddard F T-f
Thomas Frank-f 1

Wheelden & Rossi-f 1 c
Whisler Fred'k D-f c

NEIHART

Condon J D-f

PHILIPSBURG

Appel Joseph-f
Hannah E A-f
Kroger Fred'k-f
Sayers Frank D-f
Wileman Mrs Frank-f

RED LODGE

Alden F H-f
Caswell L O-f c
Close W H-f

Province Eugene B-f
Whitcher F P-f

VIRGINIA CITY

Allen Geo R-f
Bennett L H-f 1 c
Buford C H-f c
Carey Matt-c
Clem J Z-f
Hall Amos C-c
Steffens H E-f
Wheat G G-f

WHITE SULPHUR

SPRINGS
Fowlie Geo Jr-f
Jesse T Harry-1
Sarter Theo-f
Wallwork Geo-1
Wood & Hampton-f c

NEBRASKA

AINSWORTH

Chestnut Sam-1
Citizens Bank of A-f
Ely W M-f
Frady W A-f c
Rohwer Hans-f 1 c
Osborn & Son-f
Snell R S-f
Williams W H-f

ALBION

Brady James-f
Culbertson-f
Flotree R T-c
Fox James-f
Needham Doten-f c
Pieper J H-f 1
Price J A-f
Ruddy Bros-f
Scott P M-f
Thompson F S-f
Thompson M B-f c
Weitzel F M-1
Weitzel Wm-f c
Williams Bros-f c

ALLIANCE

Emerick J D-f
Gilman B F-f
Guthrie I W-f 1 c
Kibble E T-f
Reddish F E-f
Schlupp W T-f
Snoddy & Mollering-f
1 c

ALMA

Bentley P P-1
Billings J B & Son-f c
Ellis A C-f
Everson John-f c
Everson Wm-f c
Hardin D S-f 1
Keester R L-f
Kellams Wm H-1
Mahn Theo-f 1
Mitchell J C-f c
Moore Wm R-f c
Porter T L-f c
Ralston W B-f
Shelburn O E-f 1 c
Strout Frank H-f

ARAPAHOE

Eaten R B-f
Elank Frank-f
Fench R J-f
Patterson Chas A-f 1 c
Proud I C-f
Renie S S-f

ASHLAND

Campbell P F-f 1
Craig T T-f

Folsom C W-f
Fowler W A-f 1 c
La Chapelle J B-f c
Moon Jesse N-f 1 c
Quincy Mary-f
White F E-f

ATKINSON

Brady John F-f
Campbell Moses-f
Chapman Wash-f
Hart A T-f
Mack E J-f
Searl Alex-f
Stilson J J-f
Sturdevant B E-f
Swingley Fred H-f 1

AUBURN

Caldwell Mr-f
Cotton Geo-1
Dovel O P-1
Fablinger Geo-f
Freeman W P-f
Gillan Jim-f
Horn T F-1
Kuper I H-f f c
McLinnich N S-f c
Parriott Wm-f c
Peterson & Robertson-f
Rutledge W G-f
Smedley Chas-f
Snow C O-f
Young W S-f

AURORA

Boyd R W-f
Brown C S-f
Burt Frank A-f c
Call D W-f
Farley W I-f
Isaman J A-f c
Peterson A G-f
Shenberger W W-f
Stewart Chas M-f 1
Wentz W C Co-f c
Whitney C L-f

BEATRICE

Abbott Bros-c
Alquist Hugo-f
Anderson & Roff-f
Ball Albert-c
Beaver Jesse-f c
Brinkworth James-f c
Davis W H-f
Drake E G-1
Elerbeck Bros-f
Fletcher J C-f
Forbes J A-f
Fulton O P-f c
Gale Charles F-f

Gray A H-1
Green A L-f
Harkrader D B-f 1
Hill W D-f 1 c
Hinkle G W-f
Johnson G H & Co-f c
Jones J E-f c
La Selle H A-f
Macy J F-f 1
Mohlmann W J-f 1
Mumford Eugene-1
Ozman W L-f
Penner & Penner-f 1 c
Riesen H V & Son-f
Steece L S-1
Woodward T A-f

BLAIR

Charlton Cory-1
Cross C A-f
Eller I C-f
Haller B F-f c
Hanlon & Doll-f c
Jackson E C-f c
Jones Andrew-f
Kemp S E-f
Lothrop John-f
Petersen Paul-f c
Platz James-f c
Riker & Chambers-f c
Riker G B-f c
Walton W C-f c
Williams L A-1

BLOOMINGTON

Cole Wm A-f c
Montgomery I E-f c

BLUE HILL

Hopka & Frahm-f 1 c
Koehler G J-f
Lapin Carl-f c
Rose J B-f c
Simpson R A-f 1 c
Wehnes F-f

BLUE SPRINGS

Burlington E H-f
Casebeer J H-f c
Clemens R B-f
Roderick M-f 1 c
Taylor W M-f 1 c

BROKEN BOW

Cadwel Willis-f
Empfield B C-f
Fodge J M-f
Hanson & Luce-f
Holomb C H-f
House E C-f 1 c
Moore J C-f
Moore Ross-f 1

Mullins Brothers-f 1
Myers E F-f c
Osbourne J B-f
Skillman F M-f
Taylor C E-c
Taylor E-f c

CENTRAL CITY

Bald F A-f 1
Bocks George-f
Bowie A J-f
Kerr Investment Co-f
Lyon Bros-f
Newmyer C F-f 1 c
Patterson John Jr-f
Ross E E-f
Schiller Geo E & Son-f
1 c
Staats & McConnell-f 1 c
Starrett S B-f

CHADRON

Babcock Geo T H-f
Card Lee-f
Coffee Harry B-f
Crites F D-f
Dargan Chas-f
Houghton F J-f
Lawrence J F-f
O'Linn Fanny-f
Pitman B F-f
Pitman E M-f
Reische Harry-f
Reynolds W H-f
Scovel B L-f
Unthank O B-f

COLUMBUS

Appar M J-1
Becher, Hockenberger &
Chambers Co-f 1 c
Dickey C L-f 1 c
Karr & Newlon-f
Koon A F-f c
Ryan & Byrnes-f c
Spice, Echols, Boett-
cher Co-f 1 c
Turley L L-1

CREIGHTON

Buckmaster T J-f
Cheney Harry A-f 1 c
Crew L B-f
Green Bros-f
Jasmen D G-f
Moore F-f
Peyton R M-f 1
Rice O W-f
Strain W A-f
Wakelee F-f
Woodworth H W-1

NEB.—Con.**CRETE**

Brown R D—f
Cooper I A—f
Dredla Anton—f
Eckert E—f
Hier Fred—f
Ireland Rolland—f
Mains S L—f
Miller T H—f
Patz Thos—f l c
Weckbach C W—f
Weilage H G—f

DAVID CITY

Brochtrup Joseph—f
Duncan J Ira—f
Fuller R D—c
Fullmer W J—l
Holland Dan—f
Hughes A L—f
Kinnison Wm—f
McCaskay J T—f
Mizera F H—f
Ross J G—f
Straka & Svobka—f
Surety Investment Co—f
Sweeney R B—f
Thomas A V—f
Walling A M—f
Wright E W—f

EXETER

Adams Frank—f l c
Ainsworth Frank—f
Baker Dr O P—f
Cox J N—f
Hammond Henry C—f c
Link H M—f c
McKeag R J—f l
Wallace & Co—f c
Wallace W H—f
Wallace W P—f
Wallace G S—f

FAIRBURY

Barnes W H—f c
Bee & McCullough—f
Cropsey D B—f
Davis J Monroe—f c
Garney O N—f c
Goodrich L W—f c
Hole H F—f
Holliday S T—f l c
King J M—f
McCloskey H M—f
McGee-Bachorich Co—f
Mason E W—f
Miller J Y—f c
Moss Jeff—f c
Nider & Catlin—f
Riley R E—f
Starck Chas F—f
Wunder E A—f
Yontz E A—f

FAIRFIELD

Anawalt F—f
Coble Geo W—f l c
Holdeman J H—f
Lewis C L—f l c
Pettengill William—c
Prickett C M—f

FAIRMONT

Barton J M—l
Chapin & Chapin—f
Frazier L W—l
Jackson Joseph—f
Peterson Frank—f
Stines Roy
Thompson F M—f
Wright T M—f
Wynkoop J W—f

FALLS CITY

Cameron Andrew J—f l
Cleaver Mr—f c
Hermes Mable—f
Lechty Samuel—f

Leyda J E—f
Maddox W H—f c
Neitzel Robt—f
Ruegge A W—c
Schlosser L A—c
Spragins J G—f
Whitaker Bros—f
Wilhite J R—f
Wiltzie John—f

FREMONT

Albers A J—l
Bremers Henry—l
Christensen C H—f
Colson & Reynolds Co—f l c
Dame A K—f
Gerecke H E—f l c
Looschen Geo—f c
Hopkins M—l
Miller John—f
Pettit H R—l
Plambeck A F—f c
Pollard C C—f c
Radford Dennis—l
Richards R P Co—f l c
Springer D J—f l c
Truesdell Arthur—f

FRIEND

Barth & Busse—f
Craig W H—f
Haner Geo—f
McFarlane Alexander—f
Scheidt John—f
Whitcomb Jas E—f

FULLERTON

Bake C F—f l c
Blowfield Mr—f l
Dolson E—f
Davis W H—f l
Huff M H—f l
McLean A—f
Mangels W C—f
Means O D—f
Michaels H C—f
Weems John—f

GENEVA

Bass M—f
Geneva Fund Co—f l c
Sager J H—f c
Stewart W H—f c
Waring John K—f l c

GRAND ISLAND

Abbott O A Jr—f c
Allan John & Son—f c
Anstett J F—f
Barnes Eli A—f
Boehm Bros—f l c
Brininger C W & Co—f l c
Buck J E—f c
Cleary F J—l c
Clifford H E—f
Cowton Geo—f l c
Cunningham B F—f
Dill & Huston—f c
Druliner W A—f
Edwards H A—f
Flower C T—f c
Freeman C B—f
Gollert C H—f
Guendel A J—l
Harrison & Steward—f
Hayman W S
Hetzl G D—f l c
Justice E W—l
Kearney W H—f
Kent S F—f
Kroger & Joseph—f
Langman Fred C—f c
Laughlin W H—f l
Lundgren A C—f
Mayer A C—f
Prince W N—f
Roth Fred—f
Sampson Wm—f

Sawyer J T—l
Stearns H W—f
Sutherland Geo—f l

HARVARD

Bengtson E M—f
Bradley M W—f
Herzog G A—f l c
Megruie A Z—f
Miller Geo—f
Schwenk Wm—f
Wellensick H G—f l

HASTINGS

Ball Harry—f
Cornelius & Co—f
Crowley J F—f
Devore D D—f
Frye J F—f
Higginbotham & Pickens—f c
Hoppner & Uerling—f c
Huckfelt Henry—f
Johnson W T—f
Jones N H—f
Kerr H C—f
Madgett Thomas—l
Pielstick W A—f
Rohrer J O—f
Rohrer U S—f
Simmering & Reynolds—f l c
Stanley John J—l
Steel W H—f c
Wahlquist C H—f
Work Geo—f

HAVELOCK

Baker A J—f l c
Biddlecom J L—f l c
Green C E—f l c
Hinkle Samuel—f
Hofman V F—f l
Kaar J J—f
Learson Elmer—f
McCoy Frank—c
Malone J M—f l
Piper W C—f l

HEBRON

Collins C—f l
Elliott Jas—f
Fitchpatrick J M—f l
Gailbraith W D—f
Gallant Wm—f
Green C E—f l c
Lamm E D—l
Lawless Frank—f
Leggit C M—l
McCuiston J T—f l
Powell & Son—f
Rhodes W H—f
Tillotson James
Udall F B—f l c
Weiss M H—f
Whitney W H—f
Wilson A G—f
Wilson H G—f
Young B A—f
Young B F—f

HOLDREGE

Bragg J M—f
Edwards W F—f l c
Hall W P—f
Johnson G H—f
Rank W M—f l c
Roth Ed—f l c
Wimberly T M—f

HUMBOLDT

Ashford Edie—f
Snethen Frank—f
Walsh I F & Son—f l c
Walsh P K—f

KEARNEY

Barney Ralph—f
Berbig A H—f c

Carrig C C—f
Clapp W S—f l c
Claypool & Co—f
Eldred T W—f l
Graham & Neale—f
Herring G A—f
Huffstetter D T—f c
Kansler F C—f l
Kearney Land Co—f c
Kincade A H—f
Maus T W—f c
Nye-Wink Land Co—f c
Platte Valley Land Co—f
Sammis H B—l c
Wallace J A—f l c

LEXINGTON

Carr J P & Co—f l c
Hewitt P J—f
Jensen Peter—f
Kassabaum H—f
Kreitz F P—f l c
Kreitz W E—f l c
Mitchell J L—f
Mullen S C—f
Neff B L—f
Smith H O Abstract Co—f l c
Spencer C F—f
Temple F L—f
Van Horn D C—f l
Wisner & Welden—f l c

LINCOLN

Bentz C H—c
Carr John—f
Carrouthers J R—c
Columbia Fire Agcy—f
Cravens Bros—l
Crooks & Goldstein—l
Culbertson & Waite—f c
Davis Geo—l
Day & Night Realty Co—f
De Butts W E—l
Edmiston A R—l
England W H—f
First Trust Co—f c
Folsom Bros Co—f c
Funke F—f c
Gardner N H—l
Hall Bros—f
Hovey & Farwell—f
Humphrey F B—f
Loughridge H H—l
Marshall Lew—f
Marquis W A—l
Miller A W Agency—f c
Moore T W—f
Moyer J R—l
Noble H W—l

**O. W. PALM
INSURANCE AGENCY****All Kinds of
Insurance****LINCOLN - NEB.**

Palmer M L—l
Peters H F—f
Reed Jno S—f c
Rogers E G—l
Safe Deposit Ins Agcy—f l c
Thompson J F—l
Troup L M—f c
Way C F—c
Whiting S S—l
Wilcox J T—l
Wood H E & Son—f
Youd C W—l
Zimmer P F & Co—f l c

C. W. Martin

H. A. Koch, Mgr. Bonding Dept.
Agency Established 1869

Frank T. B. Martin

MARTIN BROS. & CO.

INSURANCE

BARKER BLOCK OMAHA

COMPANIES REPRESENTED:

American Insurance Co., of New Jersey
Milwaukee Mechanics, of Wisconsin
National Fire Insurance Co., of Hartford
North British and Mercantile, of England

Northern Assurance, of England
Norwich Union, of England
St. Paul F. & M.
Security Insurance Co., of Connecticut
Westchester Fire, of New York

GENERAL AGENTS:

New Jersey Fidelity & Plate Glass, of New Jersey

Frankfort General, of Germany

Massachusetts Bonding and Insurance Co., Boston

LOUISVILLE

Cleghorn Wm A-f c
Fitzgerald Paul-f l
Mayfield C G-f l c
Pankonin H E-f c
Stander J-f
Wood C E-f l

McCOOK

Bump A G-f
Cordeal S-f
Dorward D Y-f
Eldred C E-f c
Kelley J E-f c
Lehn C F-f
Raymond Harr-f l c
Ritchie & Wolf-f l
Stayner L W-f l c

MADISON

Blackman S-f
Dankers F J-f
Davis Fred-f c
Dawson I M-f
Foster M B-c
Fraser A R-f l c
Fraser Chas E-f l
Fricke Ed-f
Garratt M C-f l
Lafleur W A-f
O'Shea Ed-f
O'Shea Thos-f
Peterson F A-f
Reed W E-f c
Smith C S-f l c
Smith Realty Co-f c
Strom Nels-f
Sutton C S-f
Taylor W E-f
Thatch A J-f

MINDEN

Bindersup C G-f
Carrico F L-f
Chappell Chas A-f l c
Godfrey G L-f c
Hague & Anderberg-f c
Holmes Carl-f
Jensen Andrew-f
Jensen Val-f
Jordan T L-f l c
Kennedy W H-f
King M D-f l c
Kingsley F R-f
McPhely J L-f
Newell L-f
Paulson L C-f
Pinkham Joseph-f
Robb J H-f
Robinson Thad-f l c
Thomsen I J-f
Tidvall E C-f

NEBRASKA CITY

Cook F M-f c
Gant J Y-f

Hail Mrs Anna V-f c
Harding-Payne Co-f l c
Hawke Geo W & Co-f c
Heller Fred-f l c
Leidigh Oliver-f
Livingston & Stevenson-f

McCartney & Templin-f l c

Marnell R O-l c
Mattes John Jr-l
Miller R H & J S-f
Moran James H-f
Payne Wm B-f c
Roos A O-f c
Stafford A P-l
Templin C F S-f l c
Teter George-f
Wade E G-f
Zimmermann H-l c

NELIGH

Beckwith E E-f c
Godkin Geo H-f
Huff Sam N-f
Jenkins J C-f
Kryger R M-f
Kryger T H-f
Lamson J W-f
McAllister John M-f c
Minter J A-f c
Payne R S-f
Romig Walter-l
Thornton S D-f
Wattles C L-f
Williams O A-f
Wooley W G-f

NORFOLK

Coryell F G-f
Drebert H A-f c
Durland C B-f c
Gow W J & Bro-f
Haase J E-f
Kelsey Chas H-f
Koenigstein Jack-f
Lemont C W-f
Mapes & McFarland-c
Mathewson & Co-f c
Odiorne T E-f
Ransom J W & Son-f c

NORTH BEND

Cusack & Fowler-l
Smith C W-f
Weaverling Ralph E-f l

NORTH PLATTE

Aaswig J C-f
Bratt & Goodman-f l c
Buchanan & Patterson-f c
Claybaugh J F-f l
Diener F J Co-f
Hegerty J H-l
Hoagland & Hoagland-f

Mann E W-f l
Miltonberger J L-f
Sebastian J E-l
Temple C F-f c
Thoelecke O H-f
Walker L-f c
Woodhurst W H C-f c

OAKLAND

Cull A L-f c
Gustafson A-f
Holland J S-f
Holmquist A C-f
Minier W E-f l
Neuman A L-f
Sohlberg Theodore-f l c
Stauffer C O-f l

OGALLALA

Searle A L-f c
Searle E M-f c
Snyder G W-f
Worden C C-f

OMAHA

Ady C E-l
Anderson J A-l
Armstrong, Walsh Co-f
Baldridge-Madden Co-f
Baldwin B L & Co-f c
Baldwin W A-f
Beeman Ins Agcy-f c
Bemis Carlberg Co-f
Benson & Meyers-f
Birkett Mr-f
Block A-l
Borgett A D-f
Bostwick S P-f
Bowel Ins Agency The-f
Brotherton J R-l
Burns R T-f
Burchmore F B-l
Calkins G A-c
Capron D B-f
Carpenter M B-l
Casady J N Jr Co Inc-f
Christie D H-f
Coles Isaac A-f
Columbia Fire Under-writers-f
Crawford & Furness-f
Dale J & Son-f l c
Darr A-f
Dermody Vincent D-f c
Devol P I-f
Dinneen J J Co-f
Drew Clyde W & Co-f c
Dudley W B-f
Dumont J R-f
Ellis A H-l
Fell & Pinkerton Co-f c
First Trust Co-f
Flack John F-f
Fleming S-l
Foster-Barker Co-f
Freed Chas-c
Frenzier J N-f
Gallagher & Nelson-f
Garvin Bros-f
Gates W H-f
Gentlemen & Buntz-f
Gilmore & McMillen-f
Glover & Spain-f
Glover Realty Co-f
Gould C Z-l
Grund A R-l
Hansen M A-f
Hiatt-Fairfield Co-f
Higby B-l
Houchin J L-f
Howell E E & Son-f
Hutchinson C E-f
Indoe W H-l
Junod & Mann-l
Kalkemay J B-f
Kean W J-f
Kelly Thos S-l c
Kennedy A C-f
Killely W L-l
King Van H-l
Lebbin P J-f
Little J S-f
Litz E E-l
Love, Haskell Co-f l c
Lundgren Nels A-f
Lyle W C-f
McCague B E-f
McCall E D Agcy-f
McGovern Thos-f
McNeill Geo H-f
Mann Junod-l
Martin Bros & Co-f c
Mather U B-l
Meister Nat-f
Menold O H-l
Meyer D M-l
Meyer Julius-l
Meyers F H-f
Miller C E-c
Mithen J H-f
Mohrman A C-l
Morrison J K-f
Morton W D-l
Muffitt D E-f
Nattinger & Olsen-f
Neely H D-l
Nielsen J A-f
Noble G W-l
Olsen O C-f
Payne & Slater-f
Payne Investment Co-f
Peters R C & Co-f
Pond F M-f l
Potter Phillip-f
Rhodes Montgomery Co-f
Ringwalt Bros-f l c
Robbins John W-f
Russell & McKitrick Co-f

NEB.—Omaha, Con.

Rylander & Moore—f
 Selby W L—f
 Sherwood J H—f
 Shimer & Chase—f
 Sholes D V—f
 Shriver W G—f
 Smith W A—l
 Smith W Farnum & Co—f
 Spalding L A—l
 Spalding L D—f
 Squier W H—l
 Steele Harry O—l
 Swobe E T—c
 Talmage C O—f
 Thomas Wm H—f
 Turkington G F—f
 Tym F C—l
 Upham L D—l
 Walker H D—l
 Webster Howard & Co—f
 Wheeler & Welpton—f
 Wilcox William L—f
 Wood H N—f
 Woodman J A—f

O'NEILL

Campbell Frank—f
 Daily Chas—f
 Downey C E—f l c
 Evans W T—f
 Gallagher Ed F—f c
 Gillespie L G—f
 Hammond H J—f c
 Hammond A J—f
 Hancock C T—f
 Harnish J C—f
 McCafferty J J—f l c
 McCarthy M H—f
 McNichols S F—f
 Meredith J H—f
 O'Donnell J F—f l c
 Parker R H—f
 Quigg John—f l
 Sturdevant B E—c f

ORD

Beran J W—f
 Berry J R—f
 Bright L R—f
 Capron J H—f
 Carson W H—f
 Chinn Chas—f
 Clements E P—f
 Davis C A—f c
 Davis H M—f l c
 Dunham R L—f
 Gudmundsen H—f
 Kokes V—f
 McNutt W L—f c
 Nay J B—f
 Newbecker Geo—f
 Staple R L—f c
 Van Decar H B—f c
 Williams E M—f
 Zablonil Frank—f

PAWNEE CITY

Becker George E—f l c
 Brown E L—f
 Cornell W W—f
 Dorn J C—f c
 Hartwell W D—f c
 Lowe J S—f
 Marley M J—f
 Smith B C—l c
 Stewart & Fullerton—f c
 Thompson W M—l
 Van Horn H C—f

PERU

Cornell Mrs Belle—f
 Good E E—f
 Graves J D—f l
 Kelly R W—f
 Mardis W W—f

PLATTSMOUTH

Archer M—f
 Barwick J E—f c
 Cummins Dr Ed—f
 Donnelly J—f
 Douglass J E—f
 Falter J P—f
 Fricke C G—f c
 Fox W K—f
 Holly Wm—f
 Leyda J M—f
 Martin Chas—f
 Mullis V—f
 Sayles Geo—f
 Trilety A J—f
 White A W—f
 Windham R B Agcy—f c

PONCA

Auge C C—f
 Dennis J D—f
 Francis A B—f
 Halstead E E—f l c
 Hurley John M—f
 Kingsbury C A—f
 McCarthy W D—f
 Mattison Geo—f
 Mellon M I—f

RED CLOUD

Auld J W—f
 Caldwell E G—f
 Carter & Son—f c
 Cather C F—f
 Florence S R—f c
 Garber Ed—f
 Hewitt Joe—f
 Hutchinson & Saladen—f l c
 Kaley D H—f c
 Kent W A—f
 Letson H C—f
 Marer Fred—f c
 Mountford Will—l
 Overman E U—f
 Rosencrans W H—f c
 Sherwood W A—f c
 Stanser I B—f c
 Stewart B W—f
 Teel O C—f c
 Walker A T—f c

RISE CITY

Burges G W—f l c
 Reynolds C E—f

RULO

Davis Clement—f
 Kirk H D—f
 Le Blanc—f c

ST PAUL

Anderson & Ebbesen—f l c
 Bell T T—f c
 Crouch J W—f c
 DeVry N—f
 Dobry Chas—f c
 Haggart A J—f
 Haggart F R—f c
 Jensen J W—f c
 Parker J T—f l
 Paul N J—f l
 Shaughnessy F T—f l c
 Taylor C E—f l c
 Taylor Frank—f c
 Templin John—f c

SALEM

Huston R B—f c
 Ranger J G—f

SCHUYLER

Bittner A J—f c
 Farrell Mr—f
 Hoagland M
 Kadler V B—f
 McNally J E—f
 Payne Dion—f c

Shonka Frank W—f
 Slavik John—f
 Simmons J M—f c
 Wells Geo H—f
 Wertz Geo—f c

SEWARD

Slavik John—f
 f l c
 Landis H D—f c
 McKillip L H—f c
 Norval B F—f c
 Schick R R—f c
 Seward Land Co—f c
 Simmons F—l
 Stoner S C—f c
 Tishue W C—f
 Vanderhoof & Franklin—f l c

SHELTON

Allison W S—f
 Light Ed—f
 More F D—f

SIDNEY

Barlow R A—f
 Brown F E—f c
 Harper J W—f l
 Jones B A—f
 Livoni Bros—f c
 McIntosh J L—f l c
 Martin Leroy—f
 Miles W P—f
 Neubauer L—f
 Osborn L E—f
 Puthoff Edward F—l

SO. OMAHA

Berquist A L & Son—f
 Brown E B—f
 Dee E J—f
 Duff J L—f
 Fitzgerald Jas J & Co—f l c
 Gibson L C—f
 Hoctor Thomas—f
 Jones & Co—f
 Kopietz J H—f
 Kratkv Bros—f
 Laur T G—f
 McMillan J—f
 Murphy Joseph F—f
 Nilsson E—f
 Paprocki A—f
 Raymer Geo L—f
 Ryan J J—f
 Trainer-Coldwell Co—f

STANTON

Baer E B—f l c
 Cowan W P—f c
 Eberly G A—f c
 Horton Virgil—f l c
 Hylan W H—f l c
 Kenney J E—f
 Pugh Geo E—f l c
 Vining I N—f l c

STROMSBURG

Banta Ira—f
 Knerr A O—f
 Makeever M A—f l
 Presson G H—f
 Tongue J—f
 Wilson Nelson Co—f l c

SUPERIOR

Hanna Harry—f
 Jensen Carl C G—f
 Kendall W W—f l
 King Isaac—f
 McConnell Mrs S E—l
 Pfeiderer Fred Sr—f
 Phelps Investment Co—f
 Phillips F M—f c
 Shambaugh T M—f
 Sweet F M—f

SUTTON

Bauer Alex—f
 Burke James—f
 Chalkburg O W—f l
 Dennis J D—f
 Dunham Sidney—f
 Griess Jno G—f
 Hanson Hans—f
 Nuss P F—f l c

TECUMSEH

Dafoe Al N—f
 Douglas J B—f c
 Douglas Oscar—f l c
 Grist E H—f l
 Miller Geo W—f
 Moore J C—f
 Safranek F A—l c
 Seidl G W—l
 Smith C E—f c
 Stewart Bros—f
 Villars H S—f l c

TEKAMAH

Anderson A M—l c
 Canfield John—f
 Conkling Chas W—f l
 Clark Jas A—f
 Dixon Wallace—f
 Enyart B C—f
 Force J R—f
 Greenleaf D W—f
 Hopewell W M—f
 McGrew M S—f l c
 Pratt E D—f
 Singhaus J A—f

UNIVERSITY PLACE

Blakelee N E—f
 Butler E E—f
 Enyeard C W—f
 Gates G M & Son—f
 Hare W E—f l
 Hiett & Carey—f
 Pester S J—f

WAHOO

Barry John—f
 Berggren Joe F—f c
 Bridenberg Land Co—f c
 Dean Franklin—f c
 Galloway J M—f
 Hendricks B E—f c
 Johnson J J—f
 Kirchman M A—l
 Mover D A—l c
 Oslund J M—f c
 Perky Chas—f
 Simmodynes Frank—l
 Swanson Ernest—l c
 Theed Gust—f
 Vyberal Frank—f
 Wahoo Land Co—f

WAYNE

Alter I W—f c
 Bressler A E—f c
 Cherry J M—f l
 Christenson C M—f l
 Davis A R—f
 Farnsworth J A—l
 Ferguson A J—f
 Hansen W O—l
 Hendrickson C H—f c
 Johnson & Duerig—f
 Jones H B—f
 Kemp J H—f
 Kohl Phil H—f
 Ley Rollic—f
 Mears G S—f l
 Ringer M L—f c
 Ringland H S—l

WEEPING WATER

Bish C W—f
 Lyman W H—f
 Reed Harry D—f l

Tesgard Isaac W—f
Teff Clarence E—f
Webster W A—f

WEST POINT

Ackerman C W—f
Baumann J T—f c
Gentrup Wm—f
Krause A L & Co—f l c
Malchow F J—f
Neigh W T S—f l c
Pinker J C—f
Stueter Wm—f c

Thietje & Kase—f
Zajocck J F—f

WILBER

Bartos F W—f c
Bartos Stanley—f c
Bohacek W M—c
Clements T A—f
Grimm & Grimm—f c
Kohout B V—f
Magnusson H F—f
Moore J I—f
Slepicka Al—f

Spirk J F—f
Spirk V C—l

WYMORE

Crawford F E—f
Kauffman E N—f
Stephenson & Moran—f
Taylor & Haldeman—f c

YORK

Bell J M—f
Brott H W—f
Coddington A B—f
Crone C B—f
Currah Walter—c

Davis W H—l
Dean N A—f
Ferguson N M—f
Fisher Charles—f
France G W—f
Freet I C—l
Jacobs J A—f c
Meek W B—l
Myers S A & Son—f
Rogers G H—f
Shruk G W—f
Tranger C J—f
White W L—f l c
Wyckoff W W—f c

NEVADA**AUSTIN**

Carter Henry B—f
Hiskey J M—f c

BATTLE MOUNTAIN

Lemaire A. D. & Sons
Inc—f

CARSON CITY

Davis James T—f
Leonard James M—f l c
Mills Geo T—f
Peters C H—f l c

ELKO

First National Bank—f
Henderson Hayden—l
Henderson John—f l c
Herbert Sprout—f
Hesson A W—f

McElroy D—f
Mallett R H—f
Smith W T—f c
Taber A D—f

EUREKA

Broy R A—f l c

GOLD HILL

Blauvelt W H—f

LOVELOCKS

Ebert Tom P—f
First National Bank of
Lovelocks—f l
Gunnell & Goodin—f
Hood B L—f
Hunter J R—f
Lovelock Merc B'tg Co
—f l c

McIntosh J A—f
Reid J T—f l c

RENO

Albee Clarence W—l
Bank of Nevada Savings
& Trust Co—f c
Byington & Hall—f c
Glass F E—f
Neff J S—c
Peck & Sample—f l c
Read John T—f c
Robinson G W—l
Scheeline Banking &
Trust Co—f
Sessions & Clement—f c
Sterrud Bros—l
Stotesbury J H—c
Washoe County Bank—
f c
Whitney Mae—f

VIRGINIA CITY

Leonard Jas M—f

WADSWORTH

Cowles R H—f
Griswold E—f
Howard Jos O—f

WINNEMUCCA

Brown C B—f
Duncan H W—f l
First Natl Bank—f
Langwith Miss Mary E
—f
Lipman J A—f l
Mackay C D—f
Reinhart E & Co Inc—
f l
Robins C E—c
Sheehan J—c
Winnemucca State Bank
& Trust Co—f c

NEW HAMPSHIRE**ANTRIM**

Baker E W—f l c
Gibney W E—f l c
Hills W C—f
Lane E M—f
Swett Anson—f

ASHLAND

Brooks L B—l
Edwards F S—l
Gammons Ellis G—l
Hill & Hardy—f c
Hughes & Gummoms—
f c
Jackson John M—f l c
Kimball F A—f
Sanborn Earle O—c

BARRINGTON

Locke G W—f
Waterhouse C F—f

BELMONT

Hammel Geo R—f l c
Sargent J M—f

BERLIN

Bean & Bean—f l c
Drew H A—f l c
Wheeler & Vaillancourt
—f l c
Woodward & Gerrish—f
l c

BRISTOL

Ackerman Fred H—l
Cummings D K—f
Dearborn & Chase—f c
Fling Chas W—f c

Menut H J—f l c
Smith Clarence A—c

CHESTER

Bartlett John F—c
Jones E P—l c
Widcomb A H—f l c

CLAREMONT

Barnes E S & Son—f c
Blaisdell F L—c
Brassow Bert E—c
Cafrey P S—c
Chandler Paul L—l c
Colby Ira G—c
Delamore C W—l
DeLong Chas S—c
Dow Herbert G—l c
Eggleston A F—l c
Ellison Fred M—c
Fitch M A—l f
Foster F H—c
Gerry Geo N—l
Hawkins Henry C Jr
Hodgson Fred W—l
Hurd & Kinney—f c
Joy Frank E—c
Leonard A M—l
Paul Harry L—l
Paul Geo W—f
Pierce G S—c
Prescott B O—f l c
Rand Arthur C—c
Richardson S—f l c
Root Jethro B—c
Sanderson C A—l c
Serneff Frank S—c
Shannon Joseph B—l
Silsby E M—c
Simpson Geo A—c

Snow C R—c
Thompson W H—f c
Turner Walter F—c
Walker J S—l c
Warner Geo C—l
Whitney F P—c

COLEBROOK

Annis John D—l c
Chase Ray L—c
Congdon J F—f
Dickson Geo W—f
Dudley J H—f
Holbrook J G—l
Johnson T F—f c
Kelsea & Drew—f c
McConnell Wm S—l c
Marshall Fay—c
Noyes S A—c
Rowell D E—c
Stevens Chas O—f
Stevens H E—c
Wittmore A F—f l c
Woodrow W A—c

CONCORD

Bailey & Sleeper—f
Brunel Harry C—l
Caldon J Burton—l
Chase & Martin—f l c
Colton Fred'k A—l
Crockett Frank S—l
Dudley F W—l
Dustin F H—l
Eastman & Merrill—f l c
Hiller William W—c
Huntington W S—c
Jackman F T—f c
Jackman & Lang—f l c
Jones Chas C—f l c

Kendall A R—l
Little Thos B—l c
Morrill & Danforth—f l c
Parker Chas S—l c
Parker G W—l c
Phanruff H W—l
Pike F J—c
Roby & Knowles—f l c
Sleepers Wm E—f
Staniels C E—l c
Stone Morris G—l

CONWAY

Davis P S—f l
Dinsmore F W—f
Dow A B—f
Garland J H—f
Hill W D H—f c
Wood J C L—f c

DEERFIELD

Batcheller J H—f
Chase A M—f
Chase O J—f
White W H—f

DERRY

Abbott & Davis—f
Bartlett & Shepard—f
Derry Ins Agency—f
Griffin E E—f
Kelly & Pontant—f
Kelly A G—f l
Kingsbury W J—f l c
Young F N—f

DOVER

Barrett Geo D—f l c
Bradley C H—f
Crockett W A—l

N. H.—Dover, Con.

Foss C H—f c
Grimes John H & Son—
f
Henderson Harry P—
f l c
Hutchings Martin—l c
Jewell John W—l c
Killoren Andrew—l
Meserve F E—f l
Redfield H A—c
Richardson F E—f l c
Shepard Frank P—f l c
Sherry Thomas—f l c
Stevens Geo—f l c
White M J—f l c
Wright G B—l

ENFIELD

Bryant A M—f
Currier F T—f

EPPING

Brown A D—f l
Gillmore Geo A—f c
Ladd D Watson—l c
Tilton J I—f

EXETER

Baker Agency—f l c
Brown The John A Agcy—
f l c
Cilley Frank M—f l c
Dufault V—l
Elkins John H—f l c
Elwell Clinton W—f l c
Elwell Rufus N—f l c
Getchell Clarence—f
Johnson Mrs Annie P—
f c
Kimball John—l
Sargent Chas H—f
Smith Samuel S Jr—l
Spaulding Walter C—c
Walker Dora—l

FARMINGTON

Glidden Ira W—f c
Pitman C H—f l c
Waldron J—f l c

FRANKLIN

Brown C C—f l c
Chadwick S B—f
Chase G W—l c
Clifford T F—f c
Currier H A—f l c
La Pointe T E—f
La Pointe T N—f
Leach E G & E W—f l c
Rosseau Bros—l
Rosseau Bros—f
Towne Omar A—c
Welch Edw L—f
Woodbury F E—f

FRANKLIN FALLS

Brown C C—f c
Chadwick S B—f
Chase G W—l c
Clifford T F—f c
Currier H A—f c
Fowler G G—f l
Kealing Frederick—l c
Lapoint N—f
Leach E G & E W—f l c
Lefebvre A—l
Rosseau Bros—f
Stewart W S—f
Woodbury F—f

GOFFSTOWN

Blaisdell E A—f
Colby G W—f
Davis Benjamin F—f
Hadley Geo P—f

GORHAM

Andley P J—c
Bickford B B—l c
Casey J B—l c
Edgar M A—l c
Eley A H—l c
Evans A R—f
Hall Edw—l
Hamlin D C—f
Libby J F—f
Noyes H G—f l c

HAMPTON

Brown M W—f
Lamphrey H M—f
Norris A—f
Shaw S A—f
Warren Edgar—f

HANOVER

Frost Newton A—f l c
Storris E P—f

HAVERHILL

Westgate Tyler—f

HILLSBORO

Holmes & Smith—f
Mansfield A L—f l c
Roach I C—l

HINSDALE

Colton Fred W—f l c
Fay W E—f
Sprague J T—l
Temple EJ—f

KEENE

Adams J B—c
Aldrich G H & Sons—
f l c
Atherton Robt A—l c
Cheshire County Insur—
ance Agency—f
Dickinson Albert W—l c
Donovan J J—f l
Fay H E—f
Loveland & Hopkins—
f l c
Mason Ins Agency Inc—
f l c
Palmer A B—f l c
Perry C B & Sons—c
Peters A B—l
Starkey L D & Co—f l c
Williams D J—f l
Wright J H—l c

LACONIA

Bradbury Elmer E—f l c
Heard's Ins Agency—f
l c
Lovejoy Ezra—f
McCausland James P—
l c
Melcher & Prescott
Agency—f l c
Moore John B—l c
Morin John B—f l c
Young Fred A—f l c

LANCASTER

Kent Geo N & Son—f
l c
Nourse F H—l c
Stevens G M & Son Co—
f c

LEBANON

Brewster Clinton L—f
Burton Anna M—f
Clark Leon E—l
Dewey Arthur N—f l c
Dewey Peck & Co—f l c
Dwyer Thos F Jr—f l
Flanders Myron W—f
Foster Charles W—c
French Mrs. Ernest E—
f c

Goddard Frank A—c
Hinkston Emily L—l
Hoasking James—l c
Jones Fred A—c
Kelley G H—c
Moore Joseph—f
Peterson Hans C—l
Sanborn Channing M—c
Shaw Ardie A—l
Shepard Frederick J—c
Smith Joseph C—f l c
Stevens Leon D—l
Williams Lester J—c

LISBON

Howe Frank—l
Merrills Ins Agency—f
l c
Oliver W W—f l c
Titus S O—l
Woolson & Clough—f l c

LITTLETON

Barrett A J—f l c
Corning B H & Co—f c
Eaton Harry M—f l c
Frye Solon A—l c
Gray Chester S—f l c
Kelley Fred—l
Parker Chas—l c
Richardson H E—i
Trombley C—c

MANCHESTER

Avery F W—f c
Baker B O—l
Barr A T—c
Berry Wm G Ins Agcy—
f l c
Boissonnault A E—l
Boivin J A—f l
Brooks H W—c
Buntar A S—f
Burgess W A—f l
Cavanaugh J S—f c
Chandler P J—c
Chase R R—f c
Cheever L A—l
Cheney C H—l
Cheney R H—l
Cheney R W—l
Childs A W—l c
Cleveland E B—c
Clough & Parker—f c
Colburn Ed W—c
Connolly O J—f c
Connor S H—f c
Corning F H—f c
Couter J D—l c
Crockett Edw—c
Davey C E—c
Davis E L—c
Daval W D—f
Day C M—l
Demers Chas E—c
Dickey G A—l
Dockham & Thorpe—f c
Domingue M—c
Dowst John—f
Dudley F W—l
Edgerly C M—f c
Everett & Bunton—f l c
Farley W A—f
Folsom J A—f
Gagnon E J—c
Griffin Morris C—c
Hayes R J—f l c
Heath Isaac L—c
Holbrook H S—l
Holland Nellie S—f
Horton C H—f
Jenks F A—c
Johnson J E—c
Johnson Victor I—f
Lang W L—l
Lee J F—f c
Letendre Geo J—c
Lipka A—c
Littlefield C B—f
Lorselle Lucien F—f c

Martin E L—l
Merritt C E—l c
Messier Louis J—f l c
Millette F—l c
Montague J A—c
Morency D B—f c
Nute Carls S—l
O'Connor L A—f c
Parks C A—l c
Parks C E—l
Paris Thos D—f c
Putnam & Laflamme—l c
Rockwell Annette J—c
Roedelsperger H—f
Rogers T P W—c
Roth Carl—f
Russell R E—c
Sanborn E C—c
Sargeant F W—f
Sheehan John A—f l c
Sheehan Timothy M—f
Shepard Chas F—l
Stark Fred R—f c
Stearns S B—c
Stevens Chas S—l
Sullivan J I—f c
Taylor J C—c
Tibbets Belle F—c
Taggart J C—f
Trudeau J F—f
Vermille Geo A—f c
Wakefield Geo L—c
Way F L—c
Webb C R—c
Wellman J A—l c
Whittier & Foster—f
Whittier A B—l
Young & Co—f

MEREDITH

Blaisdell B—f c
Estes James F—f
Sanborn Geo F—f

MILFORD

Amsden Herbert W—l
Bruce John A—f
Carey W O—l
Hanlon John F—l
Keyes Arthur L—f c
Kidder N W—c
Kittridge & Prescott—
f l c
Luce Chas L—c
Roth A B—f c
Roth W B—f c
Trow C L—f
Tuttle D D—l
Worcester Geo A—f c

NASHUA

Andrews Geo N—f l c
Boutelle Geo A—l
Burgess J L—l
Canirean Donat—f
Cheever W H—l
Clough Joseph L & Son—
f l c
Cross Fred D—f l c
Crowley James B—f l c
Danforth Geo E—l
Farley Wm A—f l c
Haggerty John—l
Kendall H E—f c
Langston Edwin H—f
Ladieu Emmett R—l c
Moore Hugh—f l
Pettit C H & Co—f
Russell Robert E—l c
Shattuck Arthur G—l
Small W C—f c
Thompson Mabel—f l c
Tuck A J—f l c
Watson James F—f l c
Whitney James F—l
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Hilton Mrs Minnie—f
Hixson S J—f
Morrow Wm H—f
O'Neil Wm—f
Searles A B—f
Searles Harry—f 1 c
Widenor Ambrose B—f

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Addis Geo W—f
Beatty J C—f
Jordan E B—f
Morrell J T—f
Parsons J S—f
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Smith F J—f
Vanaciver W J—f
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Ashley H J—f
Carey J J—1
Davis John T—1
Edgerly & Gilson—f
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De Bow Nelson—f

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Flammer A D—f
Oakley P H—f c
Reed Ralph L—f 1 c
Suydam H C—f
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Bowen D M—f
Burt J Ogden—f
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Deal Joseph H—1
Hampton Geo—f
Hand Ellsworth—1
Horner Frank B—c
Lewis Pancoast—1 c
Loder Leroy—f
McAllister & Wright—c
McGear J Brodie—f
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Meyers Louis—f c
Mitchell John G—f
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Potter Francis D—1
Powell Jos H—f c
Reeves Hugh L—f 1 c
Sharp Barton F—f 1 c
Starger & Starger—f
Ward Roscoe C—f
Ware Jas S—f 1
Watkins Daniel J—1 c
Wright A C—f

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Branch Reginald—f c
Doolin E C—f c
Dreaser A W—f 1 c
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Rigg Budd M—f c
Shaw Samuel G—f
Taylor Joshua & Son—
f 1 c

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Gormley Edward D—1
Roome & Lamacha—f c
Stiff Wm—1
Treweeke R F—f
Ward Jesse—f

CALIFON

Apgar C W—f
Geist & Worman—f c
Pill Jos F—f 1 c

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Baker James F Co—f
Bartlet & Verga—f c
Boardman T F—f
Bossert Morris G—f c
Burr F J—f
Burleigh J J—f
Burr-Smith Co—f 1 c
Butcher Chas M—f
Cheney John W & Co—
f 1 c
Condit D Harry—f 1 c
Cornell H D—f c
Davis William H—f
Evans H G—f
Felton Chas H & Co—f
Fisler Wm V—f c
Fitzgerald Thomas B—f
1 c

Freeman Bros—f
Hallinger Wm P—f c
Halloway E O—c
Hatch Cooper B & Co—f
Henderson D A & Co—
f 1 c
Humphreys Louis B—f
Jessup Geo W & Son—f
Justice J S & Co—f
Keene Mrs A f c
Kirkbride G W—f
Lare A B—1
Low J S—f
Massey W E—f
Mather J A Jr—f c
May Edmund—f
Miller Crawford & Co—
f c
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f

Nixon Horace F—f
Nowry Jas E—f
Ott S C—f
Patton W F—f
Reader L B—f
Rieder R F—f
Renwick D S—c
Royal Herbert W—f
Schmidt Wm—f
Smith T H—f
Stern D H—c
Stokes & Packard—f
Truscott & Sharp—f
Verga Lawrence—f
Wesley & Wesley—f
West T J—c
Whaland Harry H—f
Wilson & Carr—f
Wilson J E—c
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Eldredge Samuel F—f c
Hughes Gilbert—f 1 c
Hughes J Harry—f
Miller C Earl—f
Needles Sol—f
Richardson F C—f
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Zimmerman Geo & Son—
f c

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Sackett Grove—f 1 c
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Cooper Peter E—f
Hummer D R—f 1 c
Jenkins Edward—f
King H H—1
Moller John—f
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O'Leary P B—1
Schwarz Harry L—f 1 c
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Bruen Edward E Co—f c
Butterworth R H—f
Castle F D—f
Connolly & Connolly—f
Errickson Walter F—f
Geer F M—c
Gilliams John F—1
Greening Chas H—1
Grover Geo A—f
Hedden W G—f 1 c
Holmes R D & Co—f
Johnson Thos—f
Jones A J—f
Kelley E A—f c
McComb Edward W—f
McWilliams J W—f
Nevin C H—f
O'Donoghue C Co—f
Peterson Miss M L—f c
Savage S J—f
Simmonds J G—f
Smith Thos H—f
Taylor E H—f
Ward Frank C—f
Westervelt C A—f
Willett Henry S—f
Wrightington H Jr—f
Young F W—f

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Kann Henry—f
Stephany & Co—f 1 c

ELIZABETH

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Bourdon W A—f 1 c
Boyle M W—f
Colins J J—f
Dix Warren R—f
Dunbar & Weaver—f
Fontaine F E—f
Gabriel F—f
Gorden L—f
Hall J G—f
Hennessy D F—f
Keys H C—f 1 c
Marz C—f
Meeker W H—f 1 c
Miller B B & Co—f
Mulford & Keys—f 1 c
O'Donnel L—f 1 c
Ogden B M & S R—f 1
Patterson R L—f
Phares E W—f 1 c
Poppenga S A—f
Pulsford J A—f
Ryan J P & W H—f
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Walker J H—f
Whittemore A R—f
Williams C W—f
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—f 1 c

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ton Co-f c
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Fink J H-f
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Probst Frank E-f c
Reinmund B F-f
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f c

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c
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Bullock Geo C—f l
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Case L C—f
Clinton H W—f
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Eastburn H M—l
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Fuld Louis A—f
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Inc—f c

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Solon Michael J—f
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Van Horn & Murray
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White Edmund—f
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Worthington's A L Sons
—f

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f
Wright Jos H—f
Yard Alexander C—f
Yard Geo B—f

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Marshall Randolph—f
Sheppard R P—f

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Sawyer Jos S—f
Speck T. Wilmer—f c

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Hansen & Hansen—f c
Hauenstein L C & Son—
fc
Kreiger & Co—f
Limouze Shield Singer
Co—f
Renner H W & R S—
f l c
Tallman E A—f
Venius O & Son—f l c
Wetterer August—f
Young E B—f l c

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Man Carl—f
Simonson C S—f

VINCETON

Brantin Wm—f
Butterworth & Clay-
berger—f

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Bray & MacGeorge—f l
Hurd S F—f
Sharp Ira P—f
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Thompson Thos—f
Tombleson L W—l
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Maratene S—c
Quackenbush J W—f

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Burhuns Samuel—f
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Doying F W—f
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Scudder W M—f
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Smith C E—f
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Westfield Real Estate Co
—f
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Caywood J H—f
Flynn Thos A—f
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Macintosh W S—f
Martin M R—f

WESTVILLE

Barker Geo L—f l
Bender Geo A—f
Bogert Chas—f
Smith C B—f l c
Stanley Harry Jr—f
Westfield Real Estate
Co—f
Williams G N—l

WESTWOOD

Goodwin Henry H—f
Herring & Bogart—f
Hinck Henry—f
Meyler J G—l
Post Percy A—f l c
Sutton H S—f l
Ray & Smith—f
Van Nostrand Alfred—f
Voorhis J J—f c

WHITE HOUSE

Kelley J H—f c
Lane John—f
Lare D L—f
Shampanore W W—f l c
Voorhees J C—f

WILLIAMSTOWN

Tice Raymond E—f
Wood J T—f
Zimmerman J B—f l c

WILDWOOD

Beecher Kay Realty Co—
f c
Bright John—f c
Bright Oliver—f

Bright W H-f c
Huppert G H-f
King F L-f c
Nickerson H L-f c
Zeller Wm E-f

WOODBURGE

Boynton Bros & Co-f 1 c
Brown Chas R-f c
Christensen E-f
Dunn John L-f
Flanagan E J-f
Harned J E-f

WOODBURY

Carter W M-f
Conover J B-f
Crist Edward-f c
Ford Elmer-f
Gardiner E A-f
Hendrickson D F & Co-f c
King W J-f
McLain W A-f
Prentiss John-f
Redfield Ernest-f 1 c
Richman W B-f 1 c

Storrie W R-f
Wilkins F L-f 1 c

WOODRIDGE

Gramlich Alfred-f c

WOODSTOWN

Andrews Geo M-f
Flitcraft Franklin-f 1 c
Flitcraft S S-f
Fogg E S-f

Grier G B-f
Hillman U Grant-f

WORTENDYKE

Payne James S-f

WRIGHTSTOWN

Remine Chas-f 1

YARDVILLE

Comp Charles A-f

NEW MEXICO**ALAMOGORDO**

Eican J H-f 1
Menger A F-f c
Hughes & Tinklepaugh-f 1 c

ALBUQUERQUE

Ackerman Frank-f
Bell J L-f
Binkert T F-f
Burg J B Realty Co-f 1 c
City Realty Co-f c
Coons J H-f
Deatz A C-f
Dieckman Bruno-f
Dunbar E H & Co-f c
Durand O J-f
Fleischer A-f c
Gierke, Ogile & Doane-f
Good J B-f
Grisarri & Keleher-f c
Gurule-Sandovei Realty Co-f 1 c
Keim W C-f
Kent F H & Co-f 1 c
Kraft Barney-f
LeSueur N F-f
McCanna P F-f
McDonald & Muggley-f c
McDonald W W-f
McMillon W H-f c
McTeer J M-f
Metcalfe W F-f
Moore Realty Co J M-f
Peach J H-f
Porterfield Co-f
Pray R M-f
Rankin Don J & Co-f
Schroeder Miss E-f
Schutt M L-f c
Schwenker F B-f
Sisk E D-f
Smith R A-f
Spitz B-f 1 c
Thelin Realty Co-f

ARTESIA

Blackmore T F-f c
Dougherty W M-f 1 c
Ferre S E-f c
Higgins E C-f
Keinath A C-f
Love R M-f 1 c

AZTEC

Bailey Chas S-f
Jackson Roy M-f c
Palmer W A-f c
Pierce T A-f c
Rippee C E-f
Wilson E P-f 1

BELEN

Goebel Oscar-f
Hoffman Geo-f 1
Jacobson B-f
Simmons P P-f c

CARLSBAD

Christian & Co-f c
McIlvain W F-f c
Moore W A-f
Mullane W H-f c
Ryan H L-f
Swigart & Ross-f c

CARRIZOZO

Dawson H B-f
Denny & Osborn-f 1
Sager Frank J-f c
Spence G-f

CIMARRON

Hickman Wm B-f
Lambert W H-f c
Sweeney W B-c
Vasey A W-f c

CLAYTON

Clayton Ins Agency-f c
Earnest Howell Agency Co-f c
Eaton & Nicholson-f
Fords J W-c
Granville Geo G-f
Hammond R J Jr-f
Hardin J F-f
Hill John L-f
Land W H-c
Pennington I L-f c
Rixey T H-c
Simmons J B-f

CLOVIS

Baker C C-f c
Bynon J F-c
Crittchett J N-c
Curren W E-f c
Hockenhill A W-c
Hull J R-f
Mersfelder L C-f
Miller A L-f 1 c
Neal R J-f
Robinson E H-f
Schenrich Chas A Agcy-f 1 c

DEMING

Barnes J C-f 1 c
Hepp E-f
Hughes Bros-f
Kettler H F-f 1 c
McClughan & Dexter-f 1
Perkins R M-f 1 c
Pollard A W-f c

EAST LAS VEGAS

Clark John S-f c
Higgins & Son A D-f c
Investment Agency Corporation The-f 1 c
Mills Byron T
Veeder Elmer E-f 1 c
Whitmore A H-f c

FARMINGTON

Danburg W M-f
Davis A L-f c
Harrington W H-f c
Hubbard J C-f c
Ryan H L-f
Ricketts Orval-f

GALLUP

Browne Chas-f
Bushman & Young-f 1 c
Carman J W-f
Cary & Quebedeaux Co-f 1 c
Dimon Samuel-f
Hart Ed-f
Kirk J J-f
Morris W H-f c
Phillips J J-f
Purdy T E-f
Robertson A W-f
Smalling & Clark-f c

LAS CRUCES

Bowman H D-c
Edwards L K-f
Flanders J E-f
Hawley F A-f 1 c
Hayner F M-f
Jones W A F-f
Katzenstein Fred-f
Moeller D H-f
Smith C H H-f c
Thompson B-c
Wade & Taylor-f

LINCOLN

Watson T W-c

MORA

Rudolph M-f
Strong C U-f

PORTALES

Braley W H & Son-f
Fairley J A-f
Howard Cor-f
Linsey W E-c
Reese C L-c
Smitha Mrs M-f
Trout A G-f

RATON

Apgar S-f
Bayne C M-f c
Brown O L-f 1
Carter & Fisher-f 1
Chapman Wm A-f c
Connelly J J-f
Crampton E C-c
De Wolf F W-c
Fisher J O-c
Jelfs A-f c
McCommas D-f
Seaberg Hugo-f
Swab S M-f
Wiseman S A-f

ROSSELL

Atkinson, McCune & Minton-f c
Baker C E-f
Boislee W E-f 1
Brown J A-f
Broyles R C-f
Daughtry & Jones-f 1 c
First State Bank and Trust Co-f
Ford Willis-f c
Greiner D P-f 1 c
Hervy J M-c
Kirby J S-f c
Malone & Tamehill-f c
Malone R L-f
Redfield S I-f c
Rose W F-f
Russell W P-f
St John John R-f
Turner & Robinson-f c
Williams B P-f

SAN MARCIAL

Flores D-f
Joyce W J-f 1 c
Nichols J E-f c

SANTA FE

Bishop C A & Co-f 1 c
Jones F M-f 1 c
Kinsell Geo M-f c
Santa Fe Abstract & Realty Ins Co-f c
Townsend W N-f

SANTA ROSA

Baker & Burnett-f
McGinnis C E-f c
Roberson H R-c
Smith H B B-f c

SILVER CITY

Betts H H-f
Blevins E A-f 1 c
Comstock C D-f
Lamb Harry-f
Murray A I-f 1
Warren Mrs C S-f

SOCORRO

Chase J P-f c
Fullerton John-f c
Smith J E-f 1 c

TAOS

Frayne Wm M-f
Woodward & Williamson-f

TUCUMCARI

Allredge C H-c
Carter & Co-f 1 c
Evans G Jr-c
Gerhardt H-f 1 c
Hamilton C B-f 1 c
Saxson E F-c

NEW YORK

ADAMS
Moore F G—f l c
Sinclair John & Son—f l c
Waite B H—f l c

ADDISON
Bartlett W A—f l c
Clark S D—f
Clark W B—f l c
Wade Eugene & Sons—f l c

AKRON
Childs J G—f l c
Loftus J F—f l c
Stage F M & Co—f l c

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Barcus Jas O—l
Barradale D S—l
Bates A J—f l
Benson A V & Son—f c
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Bull Horace S—f l
Burdick L H—f
Burkhardt O F—l
Burnham W F—c
Callan P J—f
Chadwick R R & Sons—f
Charles Thomas—c
Cantine E B—f l c
Clark J W—l
Commerford & Dolan—f c

Connolly T J—l
Cook A J—l c
Creagan J J—f
Dacey J B—f
Daggett J M—f
De Rouville Chas C—l
Devine J F—l
Dignum Edward J—f
Dixon J V—f
Finster P W—f c
Elliott F P—f
Failing J P—f
Foster S L—f
Frang Moses I—l
Gebhard Frederick W—f l

Geller C C—f
Goode J C—l
Griffiths E M—f l c
Hall C R—f
Halsey A J—f
Harter E M—l c
Hatt Geo J—c
Hendrick James—f c
Herschberger Henry—l
Herschberger H I—f l
Hill W L & Co—f
Howe W C—f
Jenison & Co—f c
Jesup E C—f
Johnson & Link—f
Jones Geo E—f c
Keefer & Richmond—f c
Kiddier Pancoast—l
Kohn Henry H—l
Landon & Coffin—l
Lansing C E—f
Lasch & Dorwaldt—f
Lehman & Co—f
Lenox W W—f
Leonard Jesse H—f
Leonard J H—f
Levy M S—f c
Ling Percy—f
Lovett A T—f
Lusthoff W H—l
McElroy & Hahn—f c
McChard A—f c

McChard J V—f c
McHarg J V—f l c
McNamee F A—l
Masters Emory L—l
Mayers J—f
Meyers H M—f
Mills G A—f c
Moore R H—f
Moxson H E—f

derwriting Agency—f
King Myron H—f
Morgan C O—f c

AMSTERDAM
Bell W H—f l c
Bennett L & H K—f
Brumley & Bergen—f c
Burke Thos F—f c

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Nugent H B—f
Oppenheim Wm L & Son—f

Palmer E DeL—f
Phelps Wm B—l c
Poole J E—f l c
Porter C H—l
Porth C A—f
Post E L—l
Price E C—f
Pye Chas D—c
Ramsey & Co Ray—f c
Reifer & Richmond—l
Rice W J—f
Roberts W S—l
Rose & Kiernan f l c
Russell G H & Son—f
Safford E Sons—f
Secor G H—l
Sewell J E—f
Smith Chas H—f
Stephens Goldsmith C—f
Stockwell U G—l
Tagg S D—l
Ten Eyck & Lansing Ins Agency—f l c
Ten Eyck Peter G—f
Tompkins Geo S—f
Tripp C R—l
Van Allen & Hamilton—f c

Van Duzer F A—f c
Vanderheyden L C—l
Van Vrancken R A—f
Wallace M J—f
Walsh M P—l
Walsh R V de Witt—f c
Weaver Wm J—f l
Weghet R W—f
Whitehead C R—f
Wight R W—f
Williamson L A—f
Winship W F—l
Young J A—f

ALBION
Babcock & Humphrey—f l c
Dunohue R P—f l c
Stoughton & Knickerbock—f
Simpson Leonard—f
Taylor Wm G—f l c

ALDEN
Alger & Hart—f
Durkee Mable—f

AMITYVILLE
Beebe F G—f l c
Ireland & Ketcham Un—

Davis John T—f l c
Devendorf E E & Co—f c
Dunham H A—f c
Fitzjames Ambrose P—f
Hays & Wormouth—f c
Huxley F T—l
McCaifrey Bros—f l c
Monaghan Thomas—f l c
Palmatier Lillie—f
Putnam H P—l c
Smeallie Jas A & Son—f c
Van Heausen A T & Son—f c

ANGELICA
Hinman Guy O—f
Jackson Frank H—f c
Lilly Walter F—f l

ANGOLA
Barrett F C—f l c
Beckwith S L—l
Lemmler E A—f

ANTWERP
Conklin L F—f
Marsh Charles E—f l c

ARCADE
Barnes G A—f c
Beardsley Henry—l
Beebee V C—f l c
Prey G—f

ATHENS
Collier Wm M—f
Flint Orin Q—f c
Gifford & Porter—f c
Nichols Frank—f

ATTICA
Bennion Miles S—f
Dorrance J G—f l c
Heidenreich L—f
Redding Nicholas—f

AUBURN
Adams C G—c
Auburn Exchange—f l c
Bailey Brinkerhoff Agcy—f l c

Byrnes J L—f l c
Colwell F M—f l c
Cross R R—f l c
Fiero L E—f c
Fitch Mrs M M—f c
French D E—f c
Hermans C C—l
Hoyt & Guilfoil—f l c
Keil & Downer—f

Long W J—l
Lyon L E—f l c
Lyon W S—l
McCarthy G M—f
McFarland G W—l
Mosher & Hoskins—f l c
Ogden T J—f
O'Neil T H—f l c
Peoples Agency—f l c
Price W—f
Rogers F L—l c
Ross John N F—c
Starnier J N—l
Tuller D L—f l c
Tuxill Realty Co
White J J—l
Wickes & Stupp—l c
Wills S S—f

AVON
Gleason P C—f
Hogmire F A—f
Hogmire W W Jr—f l c

BABYLON
Davis & Abbott—f l
Oakley Henry—f
Robbins Jeremiah—f l c
Snedecor Norton—f c
Suydam W H—f l

BALDWINVILLE
Lewis W W—f l
McMaster D H—f
Ward J A—f l c
Wright J Kent—f c

BALLSTON SPA
Beach Geo R & Son—f l
McCreeley & Co—f l c

BARKER
Coates Wallace—f
Eaton Hubert—f
O'Malley J C—f l c

BATAVIA
Chaddock W H—f l
Corp J L—f l c
Coupland J W—l
Cox E—f
Day & Day—f
Dean E S—f c
Dexter G G—f
Fisher H B—f
Hartley C W—f l c
Hawks N L—f l c
Hiller Andrew—f l c
Holden Louise—f l c
Holmes & Co John C—f l c

Levenworth E E—f
Masse Albert S—f
Meserve W S—f
Miner Mrs Emily—f
Miller Milton M—f
Paddock Geo H—f
Pratt Pollard Co—f c
Rider John L—f l c
Ruprecht C H—f c
Sherwin S A—f l c
Wade John H—f
Walker R M—f l c
Williams Fred J—l

BATH
Bassett T C—l c
Bath Insurance Agency—f
Crosby Nathan—f
Curtis Helen B—f
Gardner A H—f l c
Leavenworth Robert—f
Parker E F—f l c

BAY SHORE

Cornille & Co—f
Hulse & Chase—f
Schwab W A—f c
Strong John R—f c
Terry & Brewster—f c
Willis Walter—F

BEACON

Brinckerhoff L T—f
Cammack I B—f c
Doughty Robt W—f l c
Jones W A & Son—f c
Lynch B F—f
Pratowski W J—f c
Vosburgh P H—f
Wallace Dillon—f
Webb E J—f l c
Whittemore L H—f c

BELMONT

Sortore & Ackerman—f c
Vanderhoef M B—f l c

BINGHAMTON

Adams B—f
Atkins F J—f
Baumann B A & F J—f
Brown L L—f
Byrnes W J & Co—f
Canon W H—f
Chapman John—f
Daly Jas—f
De Witt M A—f
Galvin Jerry—f
Gaylord & Hyer—f
Haight & Parce—f
Hart Harold—f
Hecox W H—f c
Hermans H C—f
Hildreth E—f
Holcomb R H—f
Horne Bros—f
Hotchkiss W S & Son—f
Johnson Oliver R—f
Mach Chas T & Co—f
McLaughlin—f
Mercereau Lee—f
Mitchell & Steele—f l c
Mosher Wm H—f
Nash & Marine—f c
Nelson B H & Son—f l c
Nelson, Wadsworth & Alexander—f c
O'Neil Frank A—f
Pelton C A—f
Price & Taft—f l c
Ralph W E—f
Roseboom & Fish—f
Shad J V—f
Shaw Daniel E—f
Smith Chas H—f
Stewart C R—f
Stillson & Bentley—f
Thompson A D—f
Whipple C P—f
Whipple-Davis Agency
The—f c

BOONVILLE

Hayes Geo C—f l c
Hugh W D—f l
Lockwood Wm A—f
Sippell W D—f c
Potter J H—f l c
Tubbs H R—f

BROCKPORT

Caswell F M—f l c
Dobson H G—f
Harmon Geo B—f l c
Hovey Fred—f
Minot & Crippen Co Inc—f l c
Reynolds F E—f c
Wilbur Adrian T—f

BROOKLYN

Agello Arnold D—c
Alexander W A—f

Anderson Wm C—f
Andrews & Evans—f
Atkinson J F & Wm F—f
Avery A P—f
Baden C L A—f
Bahr Jacob—f
Bainbridge C H—f c
Banks D R—f c
Barto J M—f c
Bates Benj F—f
Begg J W—f
Benedict & Benedict—f l c
Berg Albert—f
Berkeley F D—f
Bernstein A N—f c
Block Samuel Co—f c
Brocas J C—f
Brown & Chesbro—f
Brown Carl S—c
Brown W C—f
Budell Max C—f
Burke T—f
Burn Wallace J—f
Burns C J—f
Burns W D—f l
Carr A L—c
Cavanagh & Kuhn—f
Chittenden B C—f
Cerr L A—f
Clapp C M—f
Conaty J J—c
Corra A J & Son—f
Corwith Bros—f
Cypriot O C—f
Dahl Jos—f
De Mott & O'Brien—c
Demott J M Co—f
Diefendorf W T—f
Doremus F S—f
Driggs E H—c
Eckenrode Jos A—f
Edwards C J—f
Eiseman & Co—f c
Eldridge R D—f
Filsinger C F—f
Foppert E C—f
Frankel B—f
Gilbert Chas L—f
Gottlieb I H—f
Griffin W L—f
Haas Julius & Son—f
Hamilton Clinton P—f
Harper Robert E—f
Hart H—f
Harvey R M—c
Hatton & Doyle Inc—f
Hazelwood E H—f
Heinritz L G—f
Heise John R—f
Himmelftein F—f
Hobby Fred H—c
Horn R—f
Horwitz & Co—f
Huelle H C—f
Huelsenbeck J—f
Hunter Wm—c
Irvin Underwriting Co—f c
Jacob N Herrie—f
Jacobs Hyman—f
Jackson G H—f
Janson L—f
Jenkins E T—f c
Joachim B—f
Joachim C J—f
Johnson F H—f
Kelly & Fuller—f
Kelsey, Suydam & Moltenhauer—f
Kellman Edw—f
Langenau Carl—c
Larkin P—f
Leach H O—f
Lehrenkrauss J Sons—f c
Lewis & Gendar Inc—f
Lloyd W M—f
Lockwood Bros—f
Lyon B W Inc—f
McCann D A—c
McLaughlin Bros—f
Malby Geo F & Co—f c

Mallory Walter E—f c
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Meyn John H—f
Moench H—f
Mollenhauer Henry Jr—f
Morrison F A—f
Mount E H—f
Newcombe A B—f
Nickerson A F—f
Nicolay Wm A—f l c
O'Malley M V—c
Painter S—f
Parker G H—f
Pendleton & Pendleton—f
Perrin Wm L & Son—f
Phelan James J—f c
Plotz J—f
Post L W—f
Prentice Dan—f
Quinn H F—f
Reading G A—c
Reilly F B—f
Renshaw & Lief—f
Rice L J—f
Roenebeck H M—f
Roome A B—f c
Ryan W H—f
Schneider H R & Co—f
Schroeder Chas H—f c
Shabshelowitz H—f
Siegel Isidor—f
Siegeltz H C—f
Sloane J P—f c
Sommer H R—c
Souville L A—c
Staniland F C—f
Stembler L U G—c
Story Wm C—f c
Stuart W R—f
Stussy Bros—f c
Sweeney D J—f
Thorn B C—f
Tucker A F—c
Tunmore John S—f
Vanderveer E B—f c
Van Voorhis & Gaubert—f
Wallace Malcomb—f
Wallace John—f
Warner E T—c
Wells H S—f
Williams H E—f
Wise & Munkenbeck—f
Woods P M—f
Woodward Thos C—c
Zener Theo—f

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Adams Chas F—f
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Boechat Realty Co—f
Booth A B—f
Bowen A H—f
Bowen J C—f
Brainard Harry P—f c
Brandel Geo W—f
Bredell P M—f
Brenneholtz P L—f
Brewer Myron—f

Bright T F W—f
Brothead J R—f
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Dayton B C—f
Desbecker D H—f
Deuel H C—c
Deuel, Lapey & Co—f c
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Dimick & Newell—f
Dimick B U—f
Dimick F C—f
Dimick W B—f
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Donaldson John A—f
Doraszewicz B—f l
Dow Behm & Co—f
Downer G O—f
Drescher Edw V—f
Eggert E B—f
Elliott C S—f
Emerson H J—f
Ernest H J—f
Felder Chas W—f
Finck John J—f c
Fish G F—f
Fitch Wm C—f
Fitzgerald Edmund—f
Frye W W—f
Funnell C H & Co—f
Gallagher C H—f
Gann John—f
Garnett Edw—f
Gavin Jos E—f
Germain Geo A—f
Gibson C B—c
Glauber N J & Son—f
Goetzman Ph—f
Goodyear J A—f
Gordon A G—f
Gorton H W—f
Graham Geo B—f
Gray F J—f
Greene S P—f
Gridley Chas A—f
Gurney & Overturf—f c
Hassaner N A—f
Hensafelt Jos C & Co—f
Hoen J M—f
Horgan E D—f
Hughson M G—f
Humphrey & Vander-voort—f c
Hund & Erb—f
Hurley Daniel—f
Illig F J—f

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 Johnson A S—f
 Johnson F J—f
 Johnson Jacob—f
 Joyce C F—c
 Joyce W H—f
 Justice W G—f
 Kane Thos M—f
 Kellner John S—f
 Kennedy Jas T—f
 Kennedy John T—f
 Ketz Mary Ins Agcy—f
 Kinkel G A—f
 Knoll A H—c
 Koch John F—f c
 Kohn J L—f
 Kurlam John H—f
 Kurts Ray B—c
 Lamy G H—f
 Lewis John—c
 Lindsay S B & G A—f
 Ludascher & Reinecke—f
 Lyman M V—f
 Madden & Henry—f
 Mahoney T J—f
 Manion John J—c
 Martin Alex—f
 Marvin C E—c
 McPherson Le Roy—f c
 McPherson-Carter Co—f c
 McPherson H H—f
 McRobert I J—f
 Merrill F A G—f
 Mitchell F G
 Montillon Geo F—f
 Moore Robt F—f
 Moore W B—f
 Morgan L G—f
 Mueller E E—c
 Munsell Lucien E—f
 Munsell W H—c
 Murphy John A & Co—f c
 Neupert Leo J—f c
 Nieman Wm J—f
 Northrup L G—f
 Norton Robt Y—c
 Nowicki S S—f
 Noxel-Dimick Co—f c
 O'Brian & Co—f c
 O'Brian T J—f
 Olzewski L
 Ostrander L L—c
 Parker & Hinkley
 Parker W H—f
 Patterson L L
 Potter M P—f
 Priest Geo E—f
 Ralph L Clark—f c
 Ralph Roger C
 Ramsdell W—f
 Robertson J H—f
 Robins F B—f
 Roehrer & Co—f
 Rohr M—f
 Rosen J A—f
 Ross A J—f
 Roth A C Co—f
 Ryan & Cable Co Inc—f c
 Schaff & Adolf—f
 Scherm & Stephan—f
 Scheu A F & Son—f c
 Schmidt F J—f
 Schofield C E—f
 Scott W M—f
 Shepherd David—f
 Simon Ins Agcy—f
 Simons Frank—f
 Smith H E—f
 Smith J J—f
 Smith & Patten—f
 Smith, Davis & Co—f c
 Snyder W H—f
 Sommer Max—f
 Sonntag H D—c
 Spofford W A—f
 Staniland W G—f

Smith, Davis & Co.

198-200 Main St.

**Fire
 Marine
 Automobile
 Liability and
 Workmen's
 Compensation
 Insurance**

Average Adjusters

Stegg Theo—f
 Steitz Theo—f
 Stettenbenz E F—f
 Stewart S—f
 Strout C B—f
 Swan G W—f
 Sweet D B & D C—f
 Thebaud J B—f
 Tidball Z L—c
 Tiernon & Co—f l c
 Train & Hausauer—f
 Train John—f
 Tremaine M S—f
 Venneman C G—f
 Walsh Edw F—f c
 Warner A L—f l c
 Warner Edw H—c
 Warren J H—f
 Warwick Wm J—f
 Webb Richard W—f
 Weber Chas N—f
 Webster & Co—c
 Weller Chas B—f
 Wertimer H—f
 White Chas A—c
 Wilber John C—f c
 Wilhelm E M—f
 Winship Howard—f

Richard L. Wood & Co.

Formerly Wood, Hall & Co.

Insurance**Marine Bank Bldg.**

Woodcock Geo M—f
 Woodworth-Hawley Co—f c

Shaver B J—f l c
 Skinner Geo J—f
 Taffarn Geo L—f l c
 Ward C F—f l c

CANAJOHARIE

Bellinger William—f l c
 Brower B H—f c
 Conrad John—f l
 Graffman E—f
 Moschell Ellsworth J—f
 Vanwie A J—f

CANANDAIGUA

Brooks C V—f
 Burge E W—f
 Caplice J F—f
 Church E R—f l c
 Coe C A—f c
 Coe W W—f c
 Dwyer J J—f
 Ferguson H B—f
 Howe F E—f l
 Law Geo W—f l
 Marks F K—f l c
 Mills Wm—f l c
 Mutschler H C—f
 Parmele George N—f
 Raines John—f c
 Sackett A—f l c

CANASTOTA

Childs E Gates—f
 Decker H J—f c
 Jaquay Herbert G—f
 Perry Mason G—f l c
 Rose Emory H—f l c
 Travis Henry O—f c

CANISTEO

Almy Jas A—f
 Comfort D U—f l
 Northrop E—f
 Roberts L—f
 Robertson E E—c
 Vickers Jacob—f l c

CANTON

Barber H M—c
 Beswick P E—f
 Brown J F—f
 Cheetham J E—f
 Clark C F—f
 Cleveland R E—f
 Cook C S—f
 Donihee Mrs James—f c
 Fullington & Cheetham—f l c
 Hurlbut S C—f c
 Stevens B S—f

Van Arsdale Charles A—f
 Windsor Ed B—f c

CATSKILL

Bagley C—c
 Beach Theo B—f
 Crawford J—f
 Decker Percy—f
 Harding G S—f
 Heath O T—f
 Hunter W C—f c
 Nichols Chas E—f
 Thorpe Wm E—f
 Van Order C H—f

CAZENOVIA

Clements & Carpenter—f l c
 Doremus Wm L—f
 Eigabroadt E T—f
 Payne Chas—f
 Rouse H J—f
 Salisbury Geo W—f l c
 Stanley C M—f c
 Williams George E—f

CENTRAL SQUARE

Coville & Yorkey—f c
 Traub L H—f
 Wood E L—f

CHAMPLAIN

Deal Elmer H—f l c
 Dickinson T H—f l

CHAPPAQUA

Bedell Edwin—f
 Cornell David W—f

CHATHAM

Darrow W Porter—f c
 Harding & Harder—f c
 Hutchinson C H—f
 Park Hoyt N—f c
 Tank, John T—f

CHESTER

Ball G W—f l c
 Smith W H—f
 Demerest J S—f

CHITTENANGO

Bull V W—f c
 Costello J R—f
 Lennox F R—f c

CLINTON

Burdick Daniel H—f
 Fritchard Bert—f
 Martin M—f l
 Stebbins E J—f
 Turner Mrs W A—c
 Williams Mrs Richard W—f
 Woods Jno—f

CLYDE

Hinman J W—f c
 Kellogg John T—f l c
 Millard Geo—f
 Odell Chas—f
 Stowe De L—f c

COBLESKILL

Burnett J W—f c
 Colclough W D—f
 Eckerson E J—f c
 Lake Sheridan—f
 Mann F P—f l c
 Moore V S—f
 Van Ness S H—f l c
 Ward Ham—f
 Young Newton—f l

COEYMAN

Gould J E—f
 Long Ed N—f c
 Pond H W—f c

ESTABLISHED 1848

WORTHINGTON & SILL

(Incorporated)

Louis G. Morgan, Pres. William J. Jenkins, Sec'y.
FIRE, MARINE AND GENERAL INSURANCE
 16-17 West Seneca St., Chamber of Com. Bldg., Buffalo, N.Y.

Companies Represented

Aetna, Agricultural, Detroit Fire and Marine, Fire Association, German-American, N.Y., North River Ins. Co., of N.Y., North British and Mercantile of New York, Northern Assurance, Phoenix Ins. Co. of Hartford, Conn., St. Paul (Marine), New Jersey Fidelity and Plate Glass, London and Lancashire Guarantee and Accident Co.

Wright W J—f c
 Wright W S—f
 Zink H A & A H—f

CAMBRIDGE

Anson Edward—f
 Carpenter C H—f
 Hedges H M—f
 Hitchcock Bros—f l
 Qua Henry A—f
 Skellie Geo A—f l

CAMDEN

Hague Bert F—f
 Morse G F—f l c

Stevens E E—f
 Wheeler F J—f

CARTHAGE

Barry Wm H—f l c
 Connolly J W—f
 Meeker C A—f
 Mills A F—f c
 Porter H F—f
 Smith J B—f
 Sweet W W—f

CASTILE

Greene W I & Co—f
 Smith G C—f

COHOES

Chadwick Robt R—f
Dodge Caroline J—f
Donlon Richard J—f c
Ford G F & Son—f l c
Gilcrest J D—f c
Granger M A & Son—f c
Kahn Herman, Estate—l c
Laughlin John & Son—f c
LeRoy Co W B The—f l c
Michel W K—f c
Smith P P—f l c
Soden J H—f l c

COLD SPRING HARBOR

Valentine I W—f c

COLLEGE POINT

Delamain Mrs W H—f c
Fuchs Chas F—f
Graeser Jacob—f c
Hunold Frank—f l
Powell Chas A—f c
Smith Thomas—f
Smyth Mary I—f l c
Waltrupp Henry—f l

COOPERSTOWN

Arnold & Cooke—f c
Brockham Edward—f
Campbell & Pierson—f c
Phinney A S—f
Reynolds Jesse—f
Shipman A C—f c
Shipman F B—f l c
Van Horne O L—f

CORINTH

Dayton J Judd—f l c

CORNING

Arland & Park—f
Bantley F J—l
Cary & Son O A—f
Christian Henry—f
Emerson Earl F—f l c
Freeman C H—l c
Gardner Almon H—l
Hawley Fred L—l
Kingsbury F D & Co—f l c
McCarty W S & J J—f l c
McGannon T P—f
McManus Chas E—f
Pease Frank L—f
Quackenbush S E—f l c
Seeley Edith F—f l c
Sill C D—l
Stansbury R T—l
Stenger William—f
Stowell C V—f
Tuthill S E—f
Westbrook J O—f l c
Williams F C—f
Wolcott O E—f

CORNWALL

Chadeayne H W—f
Dwyer & Ryan—f
Ergbers J Newton—f
Furey Bartley—f
Jaeger C E—f

CORTLAND

Brown Chas F—f c
Cortland Ins Agcy—f l c
Corwin & Corwin—f l
Davis & Jenkins—f l c
Down & O'Leary—f l
Kingsbury Fred—f c
Loope L M—f
Lyon Frank C—f l
Nixon James A—f l c

Phelps Jesse H—f l c
Shea Dennis—f
Stockwell W A—f l c
Stoppard W B—f
Thompson C E—f l c
Wedge E D—f c
Wilkins Clarence E—l c
Wood J A—f c

COXSACKIE

Townsend W B—f l c

CUBA

Keller E H—f l c
Kirby James—f
Leggett J C—f c
Ormiston W D—f l c

DANVILLE

Baker & Kelley—f l c
Brogan James M—f l c
Cridler E B—f l c
Krein Geo L—f l c
Oberdorfer B H—f l c
Schumehl Katherine—f

DELHI

Bill W R—f l c
Broughton R B B—l
Cameron J C—f l
Hewitt & Black—f l
Honeywell W W—f c
Munn W C—l
Nichols O S & Co—f c
Stoddart J C—f l c

DEPEW

Rowley E B—f l c

DEPOSIT

Curtis Loren—f
Smith F B & Co—f l c
Whitaker & Travis—f l c

DOBBS FERRY

Dunham J I—f
Johnstone Wm—f
Storms C G—f c
Taylor James L—f c

DUNKIRK

Anglim C—l
Bausum Geo—l
Byczynski T—c
Dengler John—f l c
Eggers J A—f c
Gidley H J—l
Heppell Bros—f l c
Holstein J A—f c
Kaiser & Starr—f l c
Patterson J K—f l c
Rogers Law—l
Sullivan Dan—l
Till George J—f l c
Umy Geo—l
Whitney A—f c

EAST AURORA

Butlen W S—f
Fink C P—f
Germain Geo A—f
Parker Wells W—f c
Ragan J B—f l c
Rumsey D N—f l c

EAST SYRACUSE

Evans O R—f c
Lansing & Son—f l c

ELLENVILLE

Denman W R—f
Terwilliger W E & E N—f l c
Watson & Sheely—f l c

ELMIRA

Beardsley M C—l
Benson H A—l

Brundage N J—l
Campbell A E & Son—f l c
Coykendall J B—f l c
Dudley Geo A—l
Elmira Ins Agency—f
Fitzgerald A S—l
Gorman Frank J—l c
Hart Chas Earle—l
Hays H H—f l c
Herrick Fred D—f l c
Keeton C C—f l c
Kolb T B—f l c
Landy Chas A—l
Mackay D M—l
Myer Thos E—l
O'Connell Dan—f c
Park Wm J—f
Perry G W—f c
Potter & Smith—l
Quick Horace G—l
Reed E G—f
Searles F A—f c
Shappee J V—l
Smithers F T—l
Spring G H—l
Sturdevant Louis J & Son—f c
Swan & Sons—f c
Tomlinson F C—l c
Tracey J F—l
Van Campen J R—f c
Weaver F B—f c
Young Phillip E—l

FAIRPORT

Burnham F E—f
Dixon John—f
Doherty P F—l
Gray Chas W—l
Palmer A W—f c
Slocum Geo A—f l c

FAR ROCKAWAY

Jones Watkin W—f

FAYETTEVILLE

Armstrong A T—f l c
Austin Wm—f
Hale F H—l
Wilkin A D—f

FLUSHING

Fosdick Agency—f
Harris E F—f
Hillyer Jas E—f
Jefferson Burnett T—f
Johntra J A Co—f
Quinlan J H—f c
Runge & Co—f c
Watson & Nimmo—f c

FORT EDWARD

Barber Franklin—f
Ketchum Chas L—f l c
Loughlin & Bascom—f
Robinson Willard—f
Williams V—f l c

FORT PLAIN

Casler W P—f l c
De Wandelael E P—l
Edwards C C—f l
Eldredge H M—l
Freebold A C—l
Kearns Howard—f
Sammons R B—f
Shults W D—f
Young Sam L—f l c
Zielly Chas G—l

FRANKFORT

Fox C L—f l c
Ingham H H—f l c
Loftus T J—f

FRANKLINVILLE

Ames D H & Co—f c
Farnham R L—f l c

FREDONIA

Bailey A J—l
Chessman Adam P—f
Cowden A J—f
Monroe L G—f
Morse F E—f l c
Sackett D G & Co—f c
Tremaine Insurance Agcy—f l c

FREEPORT

Davis Roswell—f
Edwards Clarence A—f
Foreman C M—f
Hall Wm S—l
Johnson Albin N—f l c
Johnson Realty Co—f
Libby & Edwards—f c
Libby H P—f c
Miller Raymond J—f
Moore C C—f
Powell Ida B—f
Smith Chas D—f
Smith Fannie B—f
Smith S Dimon—f
Walters V G—f
Wells L T—f

FRIENDSHIP

Estell & Stevens—f
Kellogg C F—f
Wait & Crawford—f l
Willis W C—f

FULTON

Burns W C—l
Clark George P—l
Coe W W—l
David & Mason—f c
Donovan J F—l
Hall & O'Connor—f
Hillick W S—f
Hobby C—l
Ryther G—f
Spencer F G—f c
Streeter C W—f l c
True G E—l
Whitaker & Bogardus Inc—f l c

FULTONVILLE

Albot G M—c
Cross R Sheldon—f
Cross Wellington—f
Donaldson R A—f

GENESE

Campbell Hugh—f
Clancy Geo—f
Curtis H B—f l c
Hausburg Harold—f
Olmsted & Doty—f
Passage Adrel—l
Seymour P—f l c
Stevens Wm A—f l c

GENEVA

Bradley F—f l c
Brennan Wm J—f
Burrall E J & Son—f
Clark John B—f c
Clark W T—f l c
Ditmars G F—f
Farwell J G—f
Fink W M—f l
Flannigan P J—l
Hunt Wm J—l
Lyons J G—l
Mellen J W—f c
Peel Geo—f
Reynolds Wm—l
Riley Wm—f l c
Rogers A G—f
Schelder J C—l
Swartwout H D—f l c
Sweeney T H & Sons—f
Wood John W—f
Wyckoff A R—f

N. Y.—Con.**GLEN COVE**

Baldwin Chas J—f
Dunn John—l
Goldberg Bros—f
Hawkins George E—f
Pearsall H B—l
Townsend James W—f
Wheeler Corbin—f l

GLENS FALLS

Adamson & Bayle Co Inc—f l c
Barber Bros—f l
Bartlett G W—l
Bernsath W H—l
Breen M A—f
Burns Michael—l
Carson Chas H Co Inc—f l c
Collins Burke J—f
Collins M J—f
Cook R H—l
Cool C W—f l c
Derley John H Jr—f l
Hitchcock Chas H—l
Hitchcock LeRoy—f l c
Kenyon C H—f c
Little & Loomis—f l c
McFarland Stewart—f l c
McOmber N S—l
Montee Edward—l
O'Connor & Fuller—f
O'Leary Daniel Jr—f l
Scott J B—f l c
Sellingham A G—l c
Stuppelbeen C A—l
Williams Paul—f

GLOVERSVILLE

Baird Abram—f l
Boyd R D—f c
Burton S E—f l c
Foster S T—f l c
Hart M L—f l
Howlin & Co John—f
Lewis R G—l
Muddle & Muddle—f l c
Piper Augustus—f l
Stille J Ellsworth—f
Welch W D—f l c
Wood J E & Co—f l c

GOSHEN

Chardavoyne H S—f c
Cullen Thos J V—l
Gregory J S—f
Neahe A—f l c
Smith H A—f c
Smith H H—f c
Van Leuvan Levi—l
Wallace A V D—f l c

GOVERNEUR

Baker J V—f l c
Brown B F—f l c
Burdick L W—l
Carpenter Byron J—f l c
Drake Homer L—f
Hazleton D M—f l c
Jepson A M & Co—f l c
Leggett D A—f l c
Parker Geo W—f c

GOWANDA

Foster & Kerr—f l c
Place Fred E—f l c
Swift Geo H—l

GRANVILLE

Atwood C W—f l
Foley J D—l
Hicks M W—f l c
McFadden Fay—f
Mason John L—f c
Mason J N—l c
Wilson A S—f
Whittemore F A—f c

GREENPORT

Corwin Geo H—f l c
Lyon C R—f
Raynor Leroy—f
Reeve & Bartlett—f c
Tasker & Co—f c
Tasker Arthur M—f c
Tuthill G F Jr—f
Wells J M & Son—f

HANCOCK

Connolly T J—l
Elwood & Clark—f l c
Kingsbury E T—l
Leicht G H—l
Read C L—l
Scutt C C—f l c

HAVERSTRAW

Archer W W—f l c
Bedford J H—f l c
Caval Wm—l
Coomba A—l
Gillies Jno W—f l c

HEMPSTEAD

Biggam James—l
Brierley Arthur W—f l
Clowes B Valentine—f
Day Alfred M
Decker Walter—l
Geer Brothers—f
Geer J Eugene—f
Lee & Clark—f
McLean J R—f
Parson E P—f c
Pettit Bros—f l c
Reisch John—l
Seabury Samuel S—f
Smith Wm H S—f
Stoffel Wm—f l

HERKIMER

Bridenbecker Judson—l
Dwyer Clarence—l
Earl & Gloom—f c
Henderson & DuBois—f c
Metzger C W—f
Mitchell E B—f l c
Murphy M E—f l
Prescott & Henderson—f
Root C B—f c
Small I F—f

HIGHLAND FALLS

Au Chas P—f c
Darcy Thomas F—f c
Nelson Moses F—f c

HOMER

Burdick W E—f l
Foster W H—f l c

HOOSICK FALLS

Brown A P—f l c
Byers Jesse P—l
Collins James—l
Dowling John S—l
Easton Rising & Worden—f l
McKearin Geo S—f l c
White Salem H—f

HORNELL

Cameron Martin A—f c
Dean Thos H—l
Dunning W N & Co—f l c
Halsey L E—f
Hurd & Robinson—f
Kreanon E B—f
Lake M R—f
Lutz John P—l
Lynch J A—f
Lyons C P—l c
Mosher J R—f l c
Murray W H—f l c
O'Connor Bros—f c
Page R—c
Pettibone H S—f l c
Sweeney A L—f

HUDSON

Benedict C S—f
Bostwick C W—f c
Hester John—f
Holsapple Geo—f
McCune W J—f
Macy & Whitbeck—f
Macy Chas W—f
Merrell W A—f l c
Phillip J Jr—f
Rice W W—f
Roosman E J—f
Smith Eugene—f
Snyder Willis A
Snyder Wm M—f
Terry Chas C—f

HUDSON FALLS

Amber S B—f
Cunningham Eugene—f l
Farrell E P—f l
Fisk & Lewis—f
Higley W C—f l c
Ingals & Sawyer—f
Locke W I Co—f l c
McCaren G H—f l c
McLaren & McCull—f l c

HUNTINGTON

Barrett Frank F—f
Brush Henry S—f
Caire Gilbert F—l
Conklin Douglas—l
Cook S H—f
Crowe Fred—l
Field A L—f
Funnell & Sons—f
Gerard D M—f c
Lowndes Allison E—f c
McDonnell Thos—l
Murphy Henry A—f
Pearsall Phillip—f
Sammis Theron S—f c
Shepard Chas E—f c
Topham H A—f
Townsend G DeKay—f l
Ward C B—f
Young R M—f

ILION

Brill C C—f
Gilchrist Jas—f
Harrison J H—f
McGowan & Richardson—f l c
Penny S A—f l c
Rasbach Geo O—l
Richardson A D—f
Riker S W—f l c
Schmidt Bros—f l c
Smith-Howard Co—f c

INWOOD

Chase Wm F—f
Safford Jas W—f

IRVINGTON-ON-HUDSON

Broderick M A—f
Templeton Norman—f

ITHACA

Adams Arthur G—f
Georgia W B & Son—f c
Grant Harry J—f
Groves H A—l
Hogan H F—f
Ithaca Realty Co—f c
Ives C A—f
Jackson E W—f
Johnson D N—f
Kerr W O—f l c
Leland H G—l
Lynch J—f l
McAllister Rose—f
March D E—f c
Merrill & Davenport—f
Mitchell Evan M—f
Mone T W—f

Morse & Rankin Co—f l

Patterson L E—f l c
Phillips F W—f c
Prentice F J—l
Preston E S—f c
Reilly B J—f
Simpson H W—f
Sinnbaugh J Jr—f
Smith Fred H—f l c
Stevens & Morgan—l
Squier & Squier—f
St John H A—f
Van Hoesen D N—f
Van Auker Miss A B—f
Van Hoesen D W—f
Van Rensselaer L D—f c
Webster Chas H—l
Wood P W—f l c
Woodford Mrs Mary A—f l c

JAMAICA

Bergen E E—f
Brinckerhoff Starr—f
Damon Geo C—f l c
Kiernan T Jefferson—f l c
Piquet & Piquet—f
Shipley W A—f l c
Watts J F & Geo T—f l c

JAMESTOWN

Abrams & Wiltse—f
Ashwell E J—c
Balcom F H—l
Bentley W J—l
Bradshaw W A—f l c
Bright Geo S—l c
Butterfield & Sessions—f c
Carlson S A Co—f
Cole Munger & Hall—f
Collier W D—l
Crosgrove F O—l
Eckstrom & Frank—f
Eddy Elton E & Co—f c
Gilderba Jas—c
Horton Bros—f
Johnson & Son Co—f c
Jones Chas W—f
Melhuish C D—l
Price & Miller—f
Powers L D—f
Smith-Howard Co—f c
Stafford & Son—f
Stevens Wilson—f
Stone, Melhuish & Co—f c
Swedish American Land Co—f
Tweedale C B—l
Warren C B—l
Wiborg Chas H—c

JOHNSTOWN

Case's Ins Agcy—f l c
Chamberlain W W—f l c
Dorn E J—f l c
Getman Nellis—f l c
Hanson & Connelly—f l c
Monahan E—f l c
Moore Eugene—f l c
Ostler W G—l
Painter Charles—l
Scriven A T—f
Sparks Fred—l
Tyler Samuel—l
Wells & Potter—f l c
Wilson William T—l

KATONAH

Arnold W G—f
Doyle T T—f
Miller Lewis—f l c

KEESEVILLE

Baber J A—f
Brewer Geo N M—f l c

Fox Wm-f l c
Hewitt N T-f l c
Nicolas M E-f l c

KINDERHOOK

Bray Chas M-f
Reynolds James A-f

KINGSTON

Angle E L-f l c
Decker C V A-l
DeWitt D M-f c
De Witt Wm C-f l c
Dubois & McCausland-f
l c
Ellis Wesley-l
Elmendorf A E-f l c
Everett Ward B-f
Faureau J-l
Fowler Everett-f
Friedenburgh W S-f c
McEntee Girard L-f l c
Maunderstock A-f
Metzger E-l
Murray Chris A-f l
Pardee A R-f l c
Reise M A-f c
Rieser Anthony-f c
Schoonmaker C L-l
Schulz & Bogart-f l c
Stone A T-f
Tremper J H Jr-f c
Turner J D-f c
Van Keuren J G-f

LANCASTER

Cushing F S-f l c
Funke Adolf-f
Starber J-l
Thatcher A E-f

LANSINGBURGH

Clark & Fagan-f c
Comeskey Stephen-f
Draper & Higgins-f c
Flack & Co-f
Jessen J F-f
Miter Frank H-f c
Smith Andrew J-f
Wager F-f

LE ROY

Barnett W L-f c
Emmick A S-l
Gillett Ins Agcy-f l c
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McPherson N A-f
Nellis Wesley R-l
Townsend E & Son-f l c

LESTERSHIRE

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Coddington Dufford & Weir-f
Johnson Oliver R-f
Miller T Hugh-f c

LEWISTON

Armstrong W J-f
Moss Wm H-l
Powell W H-f
Redmond R P-f l
Townsend Wm C-f l

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Becker & Co-f l c
Daly Michael-f
Donovan J B-l
Farrell P J-l
Lally & McIntosh-f
Lally Edward-l
Rogers & Ashe-f c
Stinson James & Co-f
Wilcox & Watts-f l c

LOCKPORT

Atwater Irving J-f l c
Babbage & Murphy-f c
Batten Geo W-f l
Brumley Henry-f

Dickinson W A-f c
Fedorpell & Beho-f
Hirsch Bros-f l c
McNeil H D-l c
McParlin Peter H-f c
Moody Grace C-f
Norman Thos-f c
Pettit W-l
Shapleigh-Wright Co-f l
c
Slattery & Averill-f
Smith, Davis & Co-f c
Thayer J E-l
Townsend Howard-l
Weatherwax C-f
Wright Ben D-f l
Young C A-f c

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Baynon E F-l
Bleckwenn F W & Son-f
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Clay Geo E-f c
Dorsey C J-f c
Emener & Heath-f
Fentler Emil-f
Horak Rudolph-f
Jacobs M-f
King G W A-f
Krahe Wm-f
Ohnemus John-f
Payntar G H-f
Payne Geo E-f
Platt Minor-f
Richensteen Wm-f
Rock H Realty Co-f
Ryan Geo J-f
Sautel Emil-f
Smith Roe H & Co-f c
Ten Eyck & Wangeman-f
c
Thompson John R Agcy-f
c
Trowbridge F C-f

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Copley A A-f l c
Lounck B H-c
Moore & Lewis-f c
Moore J D & Son-f l c
Patten B F-f l c

LYONS

Allee Burton-f l c
Blaine C G-f
Calkins A P-l
Fennis & Co-f
Hamm Edson W-c
Hoag J W-c
Lake Luther S-f l c
Lake L S & Co-f l c
Mann D H-l
Mapes Wm H-f
Milem G H-l
Sisson W G-c
Wolvin E E-l

MALONE

Donovan W B-l c
Dudley & Edwards-f l c
Dulea J H-l
Green B M-l
Gurley Thos-f l c
Hadley A C-l
Hutchins Fred M-f l c
Irving Lewis M-f l c
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McGuire M G-f
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Gedney E H-f l c
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Kane Arthur M A-f
Palmer T C-f

Palmer W D-f c
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Hough F A-f l c
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McNeillage James-l
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Conkling L S-f l c
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Horton H Clark-f l c
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McWilliams & Houston-f
l c
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l c
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De Rivera W J & Co—f
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Co—f
Dunning F O—l
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Fell T R—l
Ferester P—l
Ferris Wm T—l
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Gseller A H—l
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Hale H M—l
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Hall & Trowbridge—f
Hall E E & Co—f
Hampton H—f
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Hardy R H—l
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Holmes E F—c
Honig Henry & Son—f
l c
Hopper Elmer J—c
Huebner Anton—l
Hutchinson Rivinus Co
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Kederich L C—l
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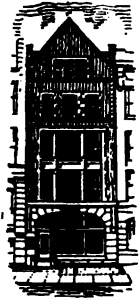
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 Jordan John A—f
 Joseph Henry—f
 Kelly E H—f
 Kernan Francis L—f
 Kline J F—f

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 Petrie G D—f
 Phelps Chas W—f
 Platt H L—f
 Powell Fredk—f
 Rhodes S—f
 Rich C A—f
 Rust E E—f
 Ryan Peter L—f
 Sharkey John K—f
 Simmons N H—f
 Smalley F M—f
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 Smith H B—f
 Smith H H—f
F. S. SMITH & SON—f
 Somerville W R—f
 Steinbicker A—f
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 Stoddard F P—f
 Stone W G—f
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 White Hamilton—f
 Wickes Henry P—f
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 Bishop & Reynolds—f
 Booth C W—f
 Caldwell J—f
 Dashwood Robt—f
 Free & Brannigan—f
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Hector John F—f
 Loh Carl C—f
 Martin George H—f
 Patterson R A—f
 Silver David F—f

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 Cummings W A E—f
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 McKernan Jno—f
 Mead Leroy R—f
 Ward Charles—f
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 Crown Ins Agency—f
 Davies E M & Co—f
 Humphrey & Vander-voort—f
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 Sider Henry—f
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 Tonawanda Underwriters—f

TOTTENVILLE

Bolan John P—f
 Fisher & Walter—f
 Laing Jas—f
 Sievers A A—f
 Vannam P M—f
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 Yetman H R—f

TROY

Ambler Chas G—f
 Belanger Joseph L—f
 Breese Rousseau & Co—f
 Byron Patrick—f
 Coffey & McDonnell—f
 Comeaky & Morier—f
 Crowley A L—f
 Donnelly & O'Connell—f
 Donovan W V—f
 Draper & Higgins—f
 Egan M E & Co—f
 Geer Gilbert Jr & Co—f
 Harrington A W H Jr—f
 Hill F T—f
 Hislop T W—f
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 Tomlinson S W—f
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 Thompson H M—f

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 Campion E S—f
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 Daly & Co—f
 Dawling L J—f
 Day S F—f
 Dering S—f
 Donohue-Evans Co—f
 Ehlinger & Co—f
 Evans J T—f
 Ferris & Co—f
 Fretts G W—f
 Glover F—f
 Hamlin & Carr—f
 Hardcastle & Co—f
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 Harter Fred G—f
 Hayes J A—f
 Head Wm—f
 Hengge J G—f
 Hobart C R—f
 Horn H V D & Son—f
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 Jackson & Spitzler—f
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 Jones Hugh R Co—f
 Kelly & Dolan—f
 Kernan E F & J S—f
 Klages H A—f
 Klaus L D—f
 Linck A A—f
 Lloyd J F—f
 McGarrity Jas H—f
 Matt J L—f
 Maynard Wm F—f
 Miller Geo W—f
 Mulhall J P—f
 Owen John—f
 Pape E T—f
 Plant & Retersdorf—f
 Porter H B—f
 Post Agency Inc—f
 Post W D—f
 Richards & Brady—f
 Shaw Wm H—f
 Sitterly P W—f
 Smith G N—f
 Staley H L—f
 Stendel G E—f
 Steppens Henry A—f
 Stendel G E—f
 Sweeney B J—f
 Taylor W H—f
 Turnbull J B & J M—f
 Van Basten L—f
 Walls E M—f
 Wohl & Scala—f
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 Houghtaling E H—f
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 Miller Theo & Son—f
 Scott W—f
 Sanford Abrams—f
 Tupper F W—f

WALTON

Gladstone W L—f
 Knapp James—f
 McLean D E—f
 Marvin H S—f
 Ogden H S—f
 Pond S H—f
 Reynolds Victor A—f

Robinson C G—f
Robinson H M—f 1 c
Reynolds Victor A—f 1 c
White Wm H—l

WAPPINGERS FALLS

Brewster W A—f
Hasbrook Z V—f
Knapp E—f
Wixson J H—f

WARRENSBURG

Kenyon J T—l
Lucia George—l
Reaux Louis E—c
Thomas & Reaux—f c

WARSAW

Fisher A W—f
Gill & Walker—f 1
Hume Robt—f 1 c
McConnell W H—f 1 c
McConnell W H—f 1 c
Smith John W—f
Webster & Lamberson—f 1

WARWICK

Colwell E S—f 1 c
Hawkins Ira—f
Sanford F V—l
Sanford J W—f c
Van Duzer W W—f 1 c

WATERFORD

Barnfather & Co—f
Bull S C & Co—f 1 c
Dennis Wm A—f 1 c
Kennedy J W—f
Martin F A—f
Powell M C & Son—f

WATERLOO

Bacon & Huff—f
Becker-McLean Co The—f c
Carroll James—l
Dowden E W—f
Fryer Chas W—l
Johnson Luke—l
Kinney C J—l
Kuney Orlis—f

Marshall H A—f
Smith & Lent—f c
Sorensen R J—l
Stewart Fred G—f 1 c
Van Kirk Ralph—f 1

WATERTOWN

Ayers J C—f 1
Brownell L J & Son—l c
DeLong M J—f
Flummerfelt J A—l
Goodale Henry D Co—f 1 c
Hine Omar A—f
Matthews A T—f 1 c
Mosher E G—f c
Pawling & Owens—f
Seaver & Peck—f 1 c
Shepard W J—f
Stoneburn Wm—f c

WATERVILLE

Goodwin & Race—f
Race W L—l c

WATERVLIET

Ball John—f
Battin Wm J—f
Collins O B—l
Covert E B—f
Egan M E & Co—f 1
Gleason J M—f
Harrington D Y—f
Hollands Ins Agency—f
Hulsapple J H—f
Miller J B—l
Mullen Wm P—f
O'Connell J H—f
Waddell R—l

WATKINS

Coleman Chas—l
Cooper E C & Co—f 1 c
Fitzgerald Alvah—l
Pellet W M—f 1 c
Velier Geo—f

WAVERLY

Austin & Kelsey—f
Flynn D J—l
Hoagland Chas O—f c
Lyford F E & Co—f c
Sawyer F A—f

Sullivan Edw A—f
Tilton Edson A—f c

WELLSVILLE

Hanks Paul B—f c
Hanks S F—f c
O'Connor Thos—f c
Opp Wm—f c
Schwarzenbach Joseph—f 1 c

WEST BRIGHTON

Lynch John A—f c
Rourke James T—f c
Simonson C E & Co—f c

WEST COXSACKIE

Townsend W B—f 1 c

WESTFIELD

Deleplaine & Coburn—f c
Falvey D K—l
Gibbs & Williamson—f c
Kingsbury C A—f
Ottaway & Munson—f
Prendergast & Douglas—f 1 c
Tennant & Whitney—f
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WEST LEBANON

Fowler Warren—f 1 c

WHITEHALL

Bascom The W F Ins Agency—f c
Doren Fred C—f c
Dorens Jas Sons—f 1
Edmonds John T—f c

WHITE PLAINS

Carpenter Benj J—f
Carpenter Ernest—f
Connolly John D—f
Danner George—f
Ehrhart E Nelson—f
Ford W W—f c
Griffin C B—f
Hull R Franklin—f
Kell William—f
Leviness Clarence—f
Morrell Wm E—f
Sniffin H O—f

Sweeney John R—t
Tibbitts The W B Co—f 1 c

West Edward M—f
Westchester Land Exchange—f 1 c
Wright I & A G—f

WHITESTONE

Deyo & Co—f c
Meser J—l
Roe Edwin P—f
Townsend & Knab—f c
Wetterauer Henry—f

WILSON

Wilson Ins Agency The—f
Sanford H—l c

WOLCOTT

Clapper Wm J—f 1 c
Conklin F C—f c
Dowd E B—f
Graves G P—f c

YONKERS

Bellogs & Warren—f c
Brady Bros—f
Breithack & Co—f
Brown Elliott F—f
Christopher P F—f
Daniel & Pagan—f
Garrison & Bechet—f c
Gaul & Bell—f
Heinrichs T R—f 1 c
Jenkins J Foster—f 1 c
Johnson Frank Edgar—l
Kipp Augustus—f
Kline A—f
Lesnick M T—f
Mayer M—l
Newman Co C W—f c
Raynor Thomas—f
Smith F A—f
Stevens S Ross—f 1
Sullard B E—f
Thomson Bros—f
Waring Oscar B—f
Wendelken I M—l
Whelan James P—f

YOUNGSTOWN

Thompson F G—f
Wellman M G—f 1 c

NORTH CAROLINA**ASHEVILLE**

Allen P R—f 1 c
Aston, Rawls & Co—f 1 c
Bledsoe & Co—f
Burlley H—c
Douglass Geo—f
Fitzpatrick R M—l
Green & Goodman—f c
Hodge, Mitchell & Reynolds—l
Lee George E—l c
Messler F M—f 1 c
Moale & Chiles—f c
Osteen T W—l
Patterson J R & Son—f c
Ray-Campbell Co—f c
Rutledge Fred & Co—f c
Scott S A—l c
Smith A B—l
Wachovia Bank & Trust Co—f 1 c
Waddell & Cox—f 1 c
Wray, Walter Toms—l

BEAUFORT

Bell B J—f c
Butler J S—f
Chadwick Carl—f c
Doone A F—f
Duncan C L—f
Duncan J F—f
Ensley Geo—l

Gibbs Seth—c
Jones C D—l
Mason C E—l
Ostermeyer Fredk—f 1
Smith B J—c
Swann U E—f 1 c
Thomas T—f c
Wright J A—f 1

BURLINGTON

Alamann Ins & Real Estate Co—f 1 c
Brown W W—f c
Central Loan & Trust Co—f
Check A—f 1
Guthrie B O—l
Murray & Teague—f
Murray E T—f
Piedmont Trust Co—f c
Sharp W E & C V—l c
Standard Ins & Realty Co—f 1

CHARLOTTE

Abbott F C & Co—f
Alexander F D—f
Alexander W S—f
Anderson G B—l
Barry Jos W—l
Brem Walter—c
Brown & Co—f

Buechel & Sherrill—f
Butt C N G Co—f c
Buxton G T—f c
Carolina Realty Co—f
Carson C M—f
Chambers & Little—f c
Charlotte Realty & Trust Co—f c
Chisholm E G—f
Clark F C—f
Cochrane R E—f c
Craig A G—f c
De Rosett W—f
Dwelle Edw C—c
Ellison Ernest—f
Fayssoux T M—l
Felts A P—f 1
Fiddler Jas H—c
Graham A & Son—f
Haughton T H—f
Hayes & Griffith—f c
Henderson J Arthur & Bro—f
Houston J A—l
Hutchinson E N & Son—f c
Hyams F D—l
Johnson W W—l
Lambeth H—f c
Lambeth, Hoff & Felts—c
Mable Robt—f
McIlvaine J E—l

Miller Paul E—f c
Moore & Price—f c
Murchison D M—f
Nash Fred—f
Nicholson W L—c
Purcell J C—l
Quarles J P—l
Ross Thos B—l
Spigener Gladden H—f
Stuart G R—l
Thomas F A—f
Traders Land Co—f
Union Loan & Realty Co—f
Vreeland H P—f 1 c
Weaver V G—f
Wilkinson W C & Co—f 1 c
Winfield A B—l
Wolfe H N—l
Wood W H—l
Wyche B—l
Yates D S—f

CLINTON

Bethune & Stewart—f c
Hubbard & Robinson—f c
Kerr J L—f
Lee & Crumpler—f 1
McKinnon Howard—l
Stewart H L—c
Whitfield & Smith—f

N. C.—Con.**CONCORD**

Fetzer P B—f l c
Hendrix Jno M—f
McConnell R L—c
Palmer A B—l c
Patterson Jno K & Co—
f l c
Southern Loan & Trust
Co—f l c
Van Hoy J W—l

DURHAM

Atkins J L Co—l c
Cole L G—f
Durham Loan & Trust
Co—f l c
Leak-Cobb Co—f l c
Lindsay W C—f l
Southgate J & Son—f l c
Sparger S W—l
The Griswold Ins & Real
Estate Co—f l c
Weatherspoon & Harris
—f l c

EDENTON

Berryman W J—l
Bond F M—f c
Harrell Barlow—l
Harrell Jno M—l
McMullan J R—l
Privott H C & Bro—f
Rea J K—l
Tuttle R F—f
Wood Coke & Berryman
—f
Wood & Rea—f

ELIZABETH CITY

Culpepper, Griffin, Old
& Grace Co—f l c
Fearing B H & Co—f c
Jones N A Realty Co—f
Little & Sawyer Co—f l c
Old L E—l
Parker J K—l
Parker N R & Son—f l
Sanderlin M L—l
Scott G M & Son—f
Wallace M F—l
Wilcox J W—l
Wilson T B—f

ENFIELD

Beavans W E—f l
Clement W T—f l
Petway P O—f
Robertson J J—f c
Watson I—f

FAYETTEVILLE

Amfield Dennis—f
Brock W T—f
Campbell S M—l c
Cook W S—f
Fay Realty & Ins Co—f
Herring & Oates—f
Huske B R & Son—f
McGuire A F—f l
McKethan A A—f
McKethan E R—l
McRae S H & Co—f
Malloy W B—f l
Rose F R—f c
Sutton, Judge & Hart Co
—f l

FRANKLINTON

Clegg E B—f
Joyner & Cooke—f
McGee C L—f
Mitchell H D—l c
Moore C O—l
Vann S C—f
White R B—f

GASTONIA

Gastonia Ins & Realty
Co—f l c

Gaston Loan & Trust Co
—f l c
Hallund J M—f l
Ware J White—f l c

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Bain Edgar H—f l c
Barrino J B—l
Baldin J W—l
Bowland J E—l
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Bridges Sam—f l c
Crawford John R—f l c
Crow E C—f l c
Denmark Joe B—f l c
Dewey Geo & Bro—f l c
Dortch H P Jr—l
Edmundson F B—l
Goldsboro Ins & Realty
Co—f l c
Humphrey H M—l
Parker H B Jr—f c
Parker Joe A—f
Tew E J—l

GREENSBORO

Block M E—l
Bush H R—f
Carolina Ins Agency—f
l c
Carolina Real Estate &
Inv Co—f c
Clary W S—f l c
Cook J H—f l c
Dortch H P Jr—l
Gilmer Jno A—f l c
Guilford Ins & Realty Co
—f l c
Daniels G—f
Groom T S—l
Harry D R—l
Ham Real Estate Co—f
Jones W H—l
McAlister, Vaughn &
Scales—f c
McCallum Graham B—f c
Merriman W B & Co—f
l c
Miller, Robbins & Weill
—f l c
Moore C E—l c
Murray R W—f l c
Payne Max T—f l c
Perkins A R—f l c
Powell E J—l
Real Estate & Trust Co—
f l c
Royster Geo H—l
Schenck Paul W—f l c
Southern Real Estate Co
—f l c
Thompson A—f l c
Vanostory & Balaley—f
Worth W H—f

GREENVILLE

Hall & Moore—f l c
Moseley Bros—f l c
Tyson B F—f l c
White H A—f l c
Wilkinson C L—f l c

HENDERSON

Barnes Joseph—l
Citizens' Bank—f l c
Farmers & Mech's Bank
—f
Finch E G—l
Harris B Frank—f
Henderson Loan & Real
Estate Co—f l c
Langston D I—l
Macon J A—l
Perry Henry—f
Satterwhite John W—f l
c
Wortham V V—l

HENDERSONVILLE

Ewbank, Ewbank & Co—
f l c

First Bank & Trust Co—
f l c
Grimes Jno W—f l c
Jordan W C—f
Justice J F—f
Ray M D—f
Schenck Michael—f
Smith W A Jr—f c
Stanton & Rector—f
Stewart F H—f

HERTFORD

Hereford Ins Agency—f
Johnson, White & Co—
f l c

HICKORY

Haithcock John E—f
Henderson A C Ins
Agency—f l c
Hickory Ins & Realty Co
—f l c
Martin D L & Son—f

HIGH POINT

Armfield W F—f c
Blair J A—f l c
High Point Savings &
Trust Co—f c
Home Banking Co—f c
Jones W C—f c
Morrow W R—f
Mendenhall O E—f
Osborne Mr—f
Overman C B—l
Piedmont Realty & Ins
Co—f c
Smith Claude—f
Strickland R B—f
Wachovia Bank & Trust
Co—f l c

HILLSBORO

Collons P C—c
Gattis S M—c
Turner C D—f c
Webb J H—c

JONESBORO

Bryan R—f l c

KING'S MOUNTAIN

Campbell E L—f
Hay P R—f l c
McMillan A N—f l
Patterson A H—f

KINSTON

Cummings J B—l
Douglas W B—l
La Roque W D—f c
Kinston Ins & Realty
Co—f l c
Kinston Loan & Real
Estate Co—f
Moore James H—l
Parrott J F—f l
Rasberry J C—l
Rountree E C—f c
Sutton W H—f c

LA GRANGE

Davis C P—l
Kennedy A W—l
Stanton J W—f l c
Walters J F—f l c

LENOIR

Hall E L—f c
Harper G W—f
Lenoir Realty & Ins Co
—f l c
Nat'l Ins Agency—f c
Self J W—l

LEXINGTON

Craven B—f l c
Mendenhall W H—f l c
Moncastle G W—f l c

LILLINGTON

Fuguy J N—f l c
Spears H T—f
Stevens J—f

LINCOLNTON

Costner R E—f l c
Home Realty & Ins Co—
f l c
Lincolnton Ins & Realty
Co—f l c

LITTLETON

Alston T C—f
Harrison T N—f l c
Grant M—f
Newsom A M—f l c
Spruill & Perry—f

LOUISBURG

Clifton M S—f
Eastern Realty Co—f l c
Egerton W D—l
Ferguson W H—l
Ruffin W H—c
Taylor & Bailey—f l
Watson T W—f
Wilder Thos B—f l c

LUMBERTON

Barker A J—l
Blackburn L B—l
Currie & McAllister—f l
Hamilton H S—l
McLean A T—f
Page E E—l
Williams Q T—f c

MACON

Bank of Macon—f
Egerton W G—f l

MONROE

Gordon Ins & Invest-
ment Co—f l c
Monroe Ins & Invest-
ment Co—f l c
Savings Loan & Trust
Co—f l c

MORGANTON

Harbison W A—f l
Morganton Ins & Realty
Co—f l c

MOUNT AIRY

Granite City Realty &
Trust Co—f l c
Sparger Geo W & Co—
f l c
Sydnor & Sparger—f l c

NEW BERN

Bell & Green—f c
Bishop & Claypool—f
Bryan & Oliver—f
Citizens Savings Bank &
Trust Co—f
Dunn Jno—f
Dunn Mrs Emma—f
Henderson George—f
Jordan F H—f l
Nicolli Geo—f l
Riggs E N—l
Smallwood S W—l
Smith W B—f
Stith C H & Co—f
Taylor G D—l

OXFORD

Fuller E E—f l c
Granville Real Estate &
Trust Co—f l c
Lanier Mrs T—f
Roller J R & Son Co—
f l c
White W H—f l c

PITTSBORO

Brooks W E—f
London A H—f
London H A—f
Womble L N—f

PLYMOUTH

Ausbon W F—f l c
Kirby R H—c
Latham Clarence—f
McNair J T—f
Watts W B—f

RALEIGH

Allison J C & Co—f c
Boushall J D—f
Broughton J M & Co—f
Cowper B G—f
Drewry John C—f l
Dortch G H & Bro—f
Duncan J A—f
Durley C K—f
Durham Walter—f
Grimes & Vas—f
Hay Bros & Reynolds—f
Hunter & Drawry Co—f c
Hunter Cary J—f l
Johnson Chas E Jr—f
McKinnon & McKee—f
McPherson & Barnes—f c
Maupin A M—f c
Parker—Hunter Realty Co—f c
Prince R E—f
Raleigh Ins & Realty Co—f l c
Realty Loan & Trust Co—f
Sheets J H—f
Smith W W & Son—f
Tar Heel Co—c
Weathers Fab H—f
Webb & Skinner—f

RANDELMAN

Peoples Bank Agents—f

REIDSVILLE

Huffines John D—f
Reidsville Ins & Realty Co—f l c
Womack Francis—f l c

ROCKINGHAM

Armstead John L—f c
Biggs Sylvester—f
Farrar M R—f
Hancock W C—f
Ledbetten H S—f
McDonald W A—f
Rancke H C—f
Richmond Ins & Realty Co—f l c
Scales W L—f
Skipper C A—f l

ROCKY MOUNT

Burnett Geo T—f l c
Chapman Geo B—f
Griffin A T—f
Griffin H A—c
Hicks W I Co—f l c
Horne Geo R—f l c
Rocky Mount Ins & Realty Co—f l c

Tillery L F & Son—f l c
Vaughan—W S—f
Wilkinson W S—f c
Wilkinson, Bulluck & Co—f l c
Wilkinson Geo A—f
Woodord W C—f

ROXBORO

Cunningham & Long—f l
Lunsford N—f c
Satterfield Insurance Agency—f l c
Satterfield S P—f l c

RUTHERFORDTON

Carpenter H L—f
Edwards M L—f
Erwin O C—f
Flack J F—f
Gallert S—c
Grayson A L—f c
Morrow D F—f

SALISBURY

Adams C C & Co—f
Brown J Allen & Son—f l c
Hambley Bros—f l c
McCorkle Davis—f
McCubliens & Harrison Co—f
Peoples Realty & Ins Co—f
Salisbury Realty & Ins Co—f
Wochonia Loan & Trust Co—f

SCOTLAND NECK

Alexander & Smith—f l c
Allsbrook Bernard—f
Bryan Geo—f
Clark & McDowell—f
Hill A B—f
Josey Will H—f l
Shields & Hill—f c
Speed Chas—f

SHELBY

Bowman J T—f
Miller A C—f
Shelby Ins & Realty Co—f l c
Webb C R—f
Wilson H D—f
Woodson C J—f

SMITHFIELD

Kirkman J H & Co—f

SOUTHPORT

Daniel D O—f l c
Pyke W H—f
Ruack C Z—f c
Stevens C L—f
Taylor C Ed—c

SPENCER

Dorsett J K—f

STATESVILLE

Axley F J—c
Bunch F B—f
Carlton P C—f
Gaither E G—f l c

Matheson R L—f c
Miller R O—f l c
Mills L N—f
Peoples Loan & Savings Bank—f l c
Statesville Loan & Trust Co—f l c
The Statesville Realty & Investment Co—f l c

TARBORO

Battle Octave—f
Cotton J W—f
Dancy F L—f
Evans Ruben—f
Forbes J W—f
Gaskill Jas R—f
Jacocks & Royster Co—f l c
Nash S S Jr—f l
Orren Williams, Wendell Co—f l c
Thigpen W A—f

WADESBORO

Anson Real Estate & Insurance—f l c
Burgwyn I H K—f
McGregor D A—f l
Wadesboro Loan & Ins Co—f

WAKE FOREST

Holding T E—f
Reid Miss L Ruby—f
Reid Mrs H—f
Wake Forest Loan & Real Estate Co—f

WARRENTON

Baird W M—f
Bennett A M—f
Dameron J A & W H—f
Hall Miss Emma—f
Jones & Williams—f

WASHINGTON

Bragaw Wm & Co—f l c
Buckman G E—f l
Mallison E G—f
Myers J & P B—f
O'Neil J D—f
Perry D L—f
Phillips Geo A—f c
Robbins T F—f
Williams C M—f l c

WAYNESVILLE

Bass J F—f c
Carroway James E—f
Reed, Howell & Williams—f c
Withers Ernest L & Co—f l c

WELDON

Carter C E—c
Clark Edw T—c
Drape L C—c
Harris J L—f
Powell C S—f
Rowal & Stainback—f
Stainback D E—f c
Sulter Lewis B—f

WILLIAMSTON

Crawford K B—f l c
Pape J E—f l c

WILMINGTON

Bear J I—f l c
Boatwright J H & Son—f l c
Dickinson C L—f l c
Giles, Clayton & Son—f l c
Hammond M C—f
Holden & Dushon—f l c
James & James Inc—f l c
Lord F A—f l c
McGirt W A—f l c
Moore W L—f
Pate A W Co—f l c
Reilly J O—f c
Taylor Walker—f
Wilder & Metts—f l c
Wright J G & Co—f l c

WILSON

Banks W L—f
Barnes E T & Co—f c
Bland J H—f
Borden & Edmundson—f l
Boykin R Stanley—f l
Brown H D—f
Cobb E L—f
Connor D M & Co—f l c
Deans Ernest—f l c
Hobbs T C—f
Home Realty & Ins Co—f
Raines Jno R—f l c
Stanton Geo W—f c
Thomson L S—f
Townsend R E—f c
Williams Gordon—f l c
Whitehead Jas S—f l c
Wilson Ins & Realty Co

WINDSOR

Cherry J B & Co—f c
Gilliam F R—f l
Lyon H W—f c

WINSTON-SALEM

Bessant J C—f l c
Carter, Hendricks & Brown—f
Crotts W D—f
Dunn J S—f l c
Fletcher J H—f l c
Follin Co The—f l c
Foltz & Spaug—f l c
Galloway & Jenkins—f l c
Gray Eugene E—f l c
Hanner & Money—f
Home Real Estate, Loan & Ins Co—f l c
Hurdle Loan & Ins Co—f
Johnson C E—f
Lineback J A—f
Miller & Wyatt—f
O'Brien W L—f
Reak-Cobb Co—f l c
Sills J E—f
Smithdeal Realty & Insurance Co—f l c
Sprinkle T S—f
Still J N—f
Tudor Geo C—f
Walker Ralph—f
Wilkinson W A—f l c
Wimbish J L—f
Young John G—f l

NORTH DAKOTA

ABERCROMBIE

Hothie O N—f
Karavik G H—f
Paulson C T—f

BATHGATE

Bathgate State Bank—f
Burke W J—f
Citizens State Bank—f
Parsons Isaac B—f

BISMARCK

Byrne P E—f l c
Conklin Bros—f c
Coonen R D—f c
Cunningham Geo V—f c
Davies I C—f c
Harris Frank—f
Harris Mrs Harvey—f
Jackson J P—f
Jones B E—f
Kiebert W V—f c
Lahr F A—f
Lahr W E—f
McCurdy F E—f c
Miller Andrew—f c
Murphy H T & Co—f l c
Owens D T—f
Patten L H—f
Remington P C—f c
Tharalson T H—f
Van Hook Mr—f l c
Young F E—f c

CARRINGTON

Burnham C W—f
Chapel C L—f l
Craven C B—f c
Doyle Bros—f
Healy & Wing—f
Healy C Jr—f c
Hoffert J C—f l c
Newberry G S—f l c
Pryor R R—f c

CASSELTON

Bishop J R—f l c
Crawford A M—f l
Smith D S Ins Agency—f l c

COOPERSTOWN

Berg John H—f
Blackwell E W—f
Friswold Seval—f
Lunde R S—f
Purinton O D—f

DEVIL'S LAKE

Brennan Daniel V—f
Dodge C A—f
Ehnslie Geo—f
Fisher C M—f
Hale Henry—f
Henry & Lewis—f
Jones S C—f c
Juergens Geo—f
Moore E W—f
Powell A M—f l c
Rutten Herman—f
Thompson J M—f
Traynor F J—f
Schutte H—f
Wilson W H—f

DICKINSON

Blume W F—f
Cain J P—f
Dickinson Abstract & Real Estate—f
Everett Real Estate & Loan Co—f
Hartung Bros—f
Heffron & Baird—f
Hendrick Max—f
Hill R C—f

Johnson R H & Co—f
Langley C T—f
Mars D D—f
Nadornik F—f
Orchard John—f c
Petricka & Blanchard—f
Richards W L—f
Starke C H—f

ELLENDALE

Brown J E D—f
Crabtree Dwight—f
Geer D E—f
Graham F J—f
Peek H C—f
Stout G D—f
Wallis H C—f
Walton F M—f
Webb Geo T—f
Wilson A G—f l c

EMARDO

Franklyn Edmond—f l c

FARGO

Amerland H—f
Anheir & Restingen—f l c
Baker Thos Jr & Co Inc—f l c
Blakemore R B—f
Briggs Earle—f c
Bristol Agency—f c
Burnett R C—f
Burns W A—f
Carpenter J D—f
Eaton & Eaton—f
Gate City Ins Agcy—f
Hodgson Realty Co—f
Lane W J—f
Lough H P—f l
McLean F W—f
Miller C B—f
Page M & Son—f c
Parsen F W—f
Russell McNair Co—f
Rupert & Warner—f l
Schuyler C C—f c
Smith E—f
Thomas F W—f
Treat J F—f
Walker Mrs A B—f c

FARMAN

Himebaugh R L—f c
Leslie A—f c
McKenzie J D—f c
Scoville C M—f c

GRAFTON

Altendorf N L—f
Cashel J L Jr—f
Gorder Gus—f l c
Gray J E—f c
McConville—f c
Ouversen Ole—f
Realty Loan & Invest—ment Co—f l c
Risvold J O—f
Truemann W B F—f

GRAND FORKS

Fretz Eugene Jr—f

HAMILTON

Argue F A—f
Bank of Hamilton—f
Johnson O H—f
Paxman G L—f
Wood H P—f

HAMPDEN

Brandt A B—f l
Nelson Y A—f
Shellenberger Earl—f l c
Shipley H F—f
Swarthout E R—f

HILLSBORO

Arnegard Ole—f c
Boyd B C—f l c
Carmody John—f c
Farr Tom S—f l c
Hjost Karl—f
Kaldor Theo—f
Sarles E Y—f l c

INKSTER

Bemis & Holmes—f l c
Cruttenden C H—f
Scouton W A—f

JAMESTOWN

Aylmer A W—f
Bensch John—f c
Joos W G—f
Kellogg Frank L—f
Knauf John—f
Murphy J A—f c
Murphy Michael—f
Northern Real Property Co—f
Seiler Oscar J—f l c
Steel Alfred Agency—f l c
Still S W B—f

LAKOTA

Baird T J—f c
Freegord A L—f
Frich & Kelley—f c
Gronna J D—f
Hagler W C—f c
Hughes E F—f c
Kellogg Geo A—f c
McMaster J M C—f l c
Sheets A E—f c
Wehe A C—f l c

LANGDON

Allert H D—f c
Bain J H—f
Burke T E—f l
McNab Alex—f
Milne J D—f
Sheehan John—f
Winter W F—f

LISBON

Curtis L B—f
Curtis T A—f
Ego Chas S—f l c
Heckle C O—f
Kyello Alfred M—f
Lucas E C—f
Mead Clarence G—f
Rourke Frank M—f
Thomas F S—f
Williamson W L—f

MANDAN

Ellis C F—f l c
Fuller W W—f
Iverson I C—f
Mandan Loan & Invest—ment Co—f
Royer L S—f l
Tavis H J—f l c
Wilder F—f

MAYVILLE

Ames F W—f c
Groth B S—f c
Groth K S—f c
Leum Henry C—f c
Stomner Geo O—f c

MILNOR

Carlson Geo—f
Eastman A W—f
Edman Hy—f

Lewis E C—f l
Nordstrom C W—f
Sem O S—f
Vail F W—f c

MINTO

Coffey Martin—f
Fee Charles—f l
McGlinch John—f l
McKay A E—f l
Phelps H F—f
Titus M S—f

PARK RIVER

Bank of Park River—f c
Farmers Security Bank—f
First National Bank—f l c
Lord F C—f
MacKay D G—f
Smith-Peterson E—f
Young Geo W—f

ROLLA

Bateson Wm—f
Harris F E—f
Howson & Graham—f
Meuwissen F J—f
Steele W N—f

ST. THOMAS

Barnes H L—f
O'Connor Geo J—f
Peterson S E—f
Thompson E T—f l c

TOWNER

Cummings T J—f
Bickel F R—f c
Erickson Henry—f
Holmes H A—f
Kuhl J N—f l c
McHenry C Abstract Co—f l c
Title Trust Co—f c

VALLEY CITY

Aasmoth H C—f
Clark D W—f
Coop W—f
Easton C O—f c
Englert M J—f
Grady Jas—f
Henry & Henry—f c
Lee T Melvin—f
Lund Chas G—f c
Moe I J—f
Myhre C A—f
Oppegaard Carl—f
Oppegaard Carrie D—f l
Peake A F—f c
Pierce A F—f l c
Root A D—f l c
Smith W W—f c
Smith J W—f
Stull J W—f
Tenny A L—f
Tenny Floyd F C—f
Thorkelson A C—f
White Frank—f
Winterer H—f
Wolf E B—f

WAHRETON

Barber Robert T—f l
Eckes W F—f
Farnsworth W A—f
Johnson G J & Co—f
Kachelhaffer C J—f c
Reeder J P—f l
Schneller Frank B—f
Schuler Gustav—f

OHIO

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ADA
Betz D O—f
McCoppin E E—f 1 c
McElroy L A—f 1 c

AKRON
Amer Louis—f
Auten & Ormsby—c
Bachtel J I & Co—f
Bruner - Goodhue-Cooke—
Cranz Agcy Co—f 1 c
Butler Chas E—1
Brouse & Moore—f 1 c
Coates & Workman—f 1 c
Coulter M H—f 1
Cummings M J—f 1
Dibble Fred C—1
Durant A T—f 1
Esselburn Chas—f 1
Evans W H & Son—f c
Exchange Realty Co—f
Feederle H O—1
Feuchter Henry—f 1 c
Fricker Geo F—1
Gibbons I C—f
Guth A J—f 1 c
Hale J Perley—1
Hall Hartel Ins Agency
Co—f 1 c
Hastings M B—f
f 1 c
Hedden-Wells Co, The—
Heddesheimer Jacob—f
Henninger M C—f
Henry F E—1
Herberich Co, The D—
f 1 c
Holloway D W—f 1 c
Huber Nick—f 1 c
Jennings Saml W—f 1
Kendig D W—1
Kroffke Julius—f 1
Lackey G O—1
McIntosh, Bowers - West
Co—f 1 c
Memmer Geo—f c
Morse E E—1
Motz & Motz—f 1 c
Newcomb F O—c
Paige D K—1
Palmer A H—f c
Place F A—c
Roach E R—1
Slusser L D—1
Smith Eaton Co—f c
Treash Philip B—c
Wettach F J—f
Wilcox & Wilcox—f

ALLIANCE
Armstrong Bros—f 1 c
Coates H F—1
Consolidated Realty Co—
f c

Evans D I—f 1 c
Floyd Geo—1
Fording G W—1 c
Guthrie E L—1
Hazzard H B—f
Kellogg Newton—f 1 c
Lozier Geo—f
McGirr Chas—f 1 c
Mertz C F—f 1 c
Myers O P—f 1 c
Rickard Jas I & Son—f c
Saiter M B—1
The Bailey-Myers Agcy
Co—f 1
The Gallbreath-Ellett Co
—f 1 c
Tucker H A—1
Wanamaker Miss Lulu—
f c
Westover C S—f

ASHLAND
Arnold S L & Son—f c
Brown J W—f 1 c
Cassell G A—f
Deshong M B—f 1 c
Fritzinger-Hout Ins &
Real Estate Agcy—f 1 c
Gardner J W—f
Harkness & Ingmand—f
1 c
Holben P E—f 1 c
Mason C D—f 1 c
Sloan J Carney—f
Urie E W—1 c
Vachon Wm—f
Wicks P F—f

ASHTABULA
Beckman C V—f
Blakeslee & Porter—f
Brainard H K—f
Castle R H—f
Cleveland O R—f
Colson & Son—f
Gape Wm—f
Henry Albert—f c
Henry F E—1
Hubbard Walter M—f
Hulbert H H—f
Jacques C W—f c
Knowlton P E—f 1
Massingham S J—1
Nelson Andrew—f
Richardson A J—f 1 c
Savage C W—1
Scoville W E—1 c
Seymour J M—f c
Turner Jas A—1 c
Unis Jacob—f
Weiblin H A—f
Watrous Clinton H—f
Wilbur W F—f
Williams Fred A—f c

ATHENS
Cameron Bros—f 1 c
Gill C M—f 1 c
Haning H H—f 1 c
Lawrence & Bean—f 1 c
Murphy O B & Son—f
1 c

ATTICA
Hearson R T—f
Kaufman S F—f
Sutton L L—f 1

BARBERTON
Hollinger The Co—f 1 c
Johnston W A—f 1 c
Lynn J A—1
McNamara John & Son
—f

Mitchell W S—f
Moore A A—f
Morton W A—f c
St John G W—f 1 c
Stuhldreher A F—f 1 c

BARNESVILLE
Brady Melvin S—f
Chappell & Co—f c
Chappell Fred—f
Cordner Herman—f
Cowgill Chas—f
Deweese & Yocum—f 1 c
Hicks A P—f
Hunt Fred—f
Laughlin A W—f
Reed F F—f
White J W—f

BELLAIRE
Bradfield C B—f
Cooper D W—c
Corbett James—f 1 c
Cowen & Co—f 1 c
Danford & Danford—c
Dickens C C—f 1 c
Elikan Lee—1
Gow John R—f c
Heinlein Mrs G A—f
Kemper R W—1
Kern Herbert—f
Kompert W C—1
Linard Jas L—f 1 c
Meehan Ed—f 1 c
Steger John & Son—f 1 c
Workman The Co—f 1 c

BELLEFONTAINE
Aiken John P—f 1 c
Allen Geo H—1
Arnold Fred W—f 1 c
Baldwin J F—1
Batch & Batch—f 1 c
Brown & Cretcher—f c

Campbell E K—f c
Cheever Mary A—f
Fippe August B—f
Foster John—c
Gobel J W—f
Hamilton E M—f
Hayes H C—1 c
Humphreys E P—f 1 c
Inskip John D—f
Lane Co The C L—f 1 c
Newell H H—f
Petitt L E—f 1 c
Southard S J—c
Thomas & Flack—f c
Tremain R F—f 1 c
Weymouth C B—f c

BELLEVUE
Callaghan C R & M J—
f 1 c
Callaghan Robert—1
Close & Oehm—f 1 c
Cook C C—f c
Doerfler C G—1
Enge Gust—f 1 c
Friedley G W—f 1 c
Gross Chas E—f
Gross Martin—f c
Hassenplug Chas R—1
Kirby Maurice—1
Lee W S—f 1 c
Lieber Geo—f 1 c
Lyons W E—1 c
Manning C B—f
Neikirk A J—f
Robinson F H—f c
Ryan Edw J—f
Sheffield James—f
Sinning John A—f
Skelley John—f 1 c
Smith Henry—1
Wright Bros—f 1 c

BEREA
Parshal W W—f
Patton J M—f
Witherup Andrew—f 1 c

BOWLING GREEN
Benachoter & Martin—1 c
Callin George W—f
Dunn Robert—c
Eberly Chas B—f c
Emmett R E—1 c
Ershick J D—1
Gibson & Wilson—1
Loomis Roy E—1 c
Marver C B—1
Miller & Bachman—f 1 c
Nearing & Sears—f 1 c
Scheett & Son—1
Wilson Milo B—f c
Wood County Ins Agcy
—f c
Yonker C D—1

O.—Con.**BRIDGEPORT**

Clayland R H—f
Fox J E—f
Holmes Ins Agency—f 1 c
Scheetz Geo H—f c

BRILLIANT

Brilliant Ins Agcy—f
Everson E N—1 c
Hall Ins Agency—f 1 c
Rodgers Wm K—f
Waddle C L—f 1
Worthington O S—f

BRYAN

Doughten Bros—f
Ellis C W—f 1 c
Ellis H W—f 1 c
Gillis Simeon—f c
Kelley Bros—f 1 c
King H D—1 c
Paine Clinton & Son—f c
Willitt W O—f

BUCYRUS

Auck Bros—f 1 c
Beer Wm C—c
Bendel Harry—f 1
Bishop J W—f
Blicke W A—1 c
Calter & Herr—f
Cook H E—f 1
Crall I L—1
Crawford Co—f
Doneenwirth F E—f 1
Fall Wm F—1
Hukill Chas T—1
Keiss H E—1
Kiess & Cook—f
Kiess T C—1
Leonard J B—f 1 c
Lenthold Samuel—c
Lewis M R—f 1 c
Matthew C F—1 c
Miller H F—f
Onaintance J J—f
Richards A J—f c
Scroggs & Monnet—c
Smith A G—f 1 c
Stoltz A G—1
Wise Jos D—1
Wright J W—c

CADIZ

Brown Chas O F—f 1 c
Osburn C M—f 1 c

CAMBRIDGE

Barr & Fraser—f 1
Carver M W & E D—f
Green E L—f 1 c
Green W B—f 1 c
Harmon Wm—f 1 c
Lindsey & Co—f 1 c
Mackey F C—f 1 c
Moore G W—f 1
Moore R B—f 1 c
McKisson C T—f 1 c
Smallwood & Thresher—f 1 c
Scott John W—f
Williams Jed—f c

CANAL DOVER

Baker C F—f c
Homes & Lind—f
Horn Chas—f
Koss C H—1
Rinderknecht C—1 c
Vinton P—f c

CANTON

Alexander Agcy Co The—f 1 c
Barry James D—f 1 c
Bidwell & Son—f 1 c
Blake John F—1
Bowman & Pfau—f

Briggle W H—c
Burns C D—f
Butler C E—f 1 c
Cock C S—f c
Cole F L—f 1 c
Corey C J—1
Corey F L—f 1 c
Cross C C—1
Daily H F—f c
Dougherty & Co—f c
Dougherty C T—c
Drumm Ferd—f 1
Erdman H L—c
Farmer H J—c
Fife H E—f c
Fife's Insurance Agency—f 1 c

Francis A—f 1 c
Frank W C—c
Gresser J P—f c
Haggerty C J—1
Hambleton Mark Co—f 1
Harris T K & Co—f
Haynes S L—1
Jacob J Agency—f 1 c
Johnson C J—1
Karsenman W M—1
Kaufman E J—f 1
Kerven H D—c
Ketler W W—c
Leahy T W—f 1
Lehman J H—f 1 c
Leonard Agency Co—f 1 c
McClain J H—1
McDougall W A—1
Marshall Real Estate Co—f

Meyer C F—f
Miller L L—c
Mobarry G W—1
Myers R E—f 1
Myers W V—1
Piero J A—f c
Puncheon D R—1
Rebiloitt J F—1 c
Roach H J—1
Rowlen C D—f
Schicker F P—1
Seran C A—c
Shaffer W H & Son—f 1 c
Showalter C R—1
Simpson & Clark—f
Stanley F A—c
Spraul W W—1
Staudt J W A—1
Stettler O E—1
Strayer W A—f 1
Van Kirk H E—1
Weller W O—c
Wells W P—f c
Wertz H W—f c
Zettler Ins Agency—f

CARDINGTON

Conaway Elmer H—f 1 c
Salisbury Adin W—f 1 c
Willett E M—f 1

CAREY

Chambers H G—f c
Chesebrough S A—1
Cosgray C N—1
Criller F L—f
Gibbs J A—f
Smith J A—f c
Smith M B—f

CARROLLTON

Ashbrook W G—c
Edie J F—1
Getzman D & A P—f 1 c
Simpson L—1
Stockton V—c
Tindlin O—c
Wescott W T—f 1

CARTHAGE

Ansted C H—f
Blair E C—c

Britz Geo W—f
Cordes H W—f
Staaf Fredk S—f

CELINA

Brookhart & Murlin—f c
Dugan P F—1
Hamburger J E—f c
Raudabaugh & Vining—f c
Rice Clarence D—f 1 c
Schlosser J M—f
Wagner Loan Agency The—f

CHARDON

Austin D A—f
Canfield & Co—f
Cowie Emma—f
Douglass Ray—f
Dudley E W—1
Knapp-Smith Agency—f
Knapp Hugh—1
Parsons L E—f
Smith C L—f c
Thrasher H J—1
Turner J D—1
Wilnot C A—f 1 c

CHICAGO

Burwell W G—f
Daugherty H B—f
Dawson D F—f
Griffin & Griffin—f
Immel P E—f 1
Severance W & E W—f
Simmermacher Paul—f c
Sutton E A—1
Vail J B—f
Zuelch J H—c

CHILLICOTHE

Anderson J C—1 c
Borrows J M—1
Brown Lillian—f 1 c
Cutright Elijah Jr—c
Evans W E—f c
Herrnstein Jacob—f
Jackson Jas S—f 1 c
Kirsch M G—f c
Korst Wm—1
Miller Wm—f 1 c
Mills Wm B—1
Minshall A P—c
Murphy Thos—f
Ohio Loan & Investment Co—c
Purdum Estelle J—1
Purdum Nelson—1 c
Rais F P—1
Reid LeRoy—f c
Rigney J P—f c
Rush I N—1
Schilder W H—1 c
Schwartzbaugh W V—1
Sosman F A—f 1
Tomlinson C J—f c
Welsh Anna—1 c
Williams John D—f 1 c
Withgott J D—c

CINCINNATI

Adams Ben A—f
Ahbrandt-Wahle & Co—f
Alexander M L & Son—f c
Armstrong T T—1 c
Bainum Walter N—1
Bair O W & Son—1
Bassford B W—1
Beeler D W—c
Bedinger B C—1 c
Bell Guy—c
Bellows Mrs Ira—c
Beandorf The K F Co—f c
Benson Walter C—1
Benus Adam—f
Bernard Edw—1

Bevis C D—f
Blain F J & Co—f c
Bloom Isaac—1 c
Bofinger & Hopkins—f
Boner R W—1
Borjes A H—c
Born & Thompson—1 c
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Berning-Wuest Ins Agcy—f c
Binder J H—1
Brown John L & Son—1 c
Brown H P—1
Bruehl W A R & Son—1
Bruenger & Dunbar—f 1
Bruenger Wm F—f 1 c
Buchanan F A Jr—f c
Buddington R C—1
Bullock L E—c
Burgess J D—1
Burnham Walter—1
Bush Parker Agency—f c
Buss E R—f 1 c
Carey & Zimmerman—f
Cappell A—f
Cholmondeley S A—c
Clemons B T Sons—f
Cloud & Cox—f
Cohen C J—1
Coppess C G—c
Crawford Frank E—1
Danner C J & Son—f
Daniels J R—c
Davis Mark—1
DeLeon A H—1
De Leon A R—1
Dewey Chas H—1
Dickens Henry—1
Dierkes Ins Agency—f c
Dierkes L B—1
Dietler Geo C—1
Diggs Ferris Ins Agency—f c
Dilhof Jos T—f 1 c
Dittmar John A—f 1 c
Doerger F O—c
Doyle John—f 1 c
Drewry L D & Co—1
Drexelius X B & Co—f 1 c
Earls & Johanning—f c
Ecker H—c
Edwards, Nelson J Co—f 1 c
Ellis Samuel P—1
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Ferguson E R—f
Ferris Agcy Co The—f c
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Fitch E O—f
Ford Collin & Sons—1
Fortney P R—f c
Fullidge F G—c
Gale Edwin T—1
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Gansel C O & Co—f 1 c
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 bor-Parsons Co The—
 f c
 Brown C R—f

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 Dunbar W R & Co—f
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 Durbin H E Ins Agcy
 Co—f
 Evans Edward—f
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 Faulhaber F V—f
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 Forsch A S—f
 France E M—l
 Frankel Bros The—f c
 Frith A S—l
 Gale H W—l
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Carroll J W—c
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Piffner J W—f l c
Pollock W S—f c
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Hood Chas—f l c
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Lindemann & Lindemann
—f l
Marsh C E—f l c
Metzger S—c
Reed Myrl—f l
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Wulffhorst A O—f

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f l c
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Lyon E L—f c
McGaffic J B—f l

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Bailey E E—f c
Eddington Ira—f l
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l c
Williams Thos H—f c

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Pope A L—c
Stoaf Fred S—f
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Smith Frank A & Bro—
f c
Sotherden C L—f c
Starr B H—f

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Bish C V—f c
Bolton B F—f
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Burkett Reginald—c
Crane Geo B—f c
Eoff J A—f l c
Eoff A E—f
Ferree H P—f
Fishbaugh T C—f l
Gillespie F F—f
Graf R B—f
Hovis H B—f l
Hull H B—f l c
Kiefer W I—f
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McDade A L—c
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Conklin Louis A—f l c
Cook D L—c
Cook H—f c
Donovan Ed—f
Myer M—f
Price Wm B—f
Riegler C M—f
Robinson Jas B—f
Steinman J F—f
Weir John—f
Williams T S—f

FOSTORIA

Abbott W C—c
Brown Irene & Co—f
Brust W W—f
Byerly Oscar—f
Dillon Ray R—f l c
Emerine Frank—f l
Flack N B—f
Fraser C H—f
Ghaster S L—f c
Hall Geo—f c
Heckert W D—f l
Johnston & Johnston—f
Johnston Nellie—f
Kleinhan & Son—f l c
Lloyd A C—f l
Lloyd D C & Son—f l c
Powley R S—f
Smith Carl—f l c
Snyder G A—c
Sobers Claire—f
Yonker A H—f l c

FRANKLIN

Cardwell Mr—f
Conover C B—f l c
Du Bois Frank W—f c
Eaton Chas—f
Meeker Henry W—f l c
Miller Roscoe—f
Munger Chas W—f

FREMONT

Aye F N—f
Baker Chas—f
Buckland H S—f l
Burkett Insurance Agcy
—f
Butman V D—f l c
Carr C B—f
Cochran R A—f
Dillon Kent—f l c
Fouche B A—f
Gabel W A—c
Guerber A F—f

Hall J M—f c
Heffner Carl J—f
Hobart M W—f c
Kridder Ins Agcy—f l c
Lehman J J—f
Lieber August—f l
Lucas W A—f
Neuffer J—c
Norton C C—f
Oberst C O—f
Ochs H A—f
Parks Wm H—f
Pearce Ins Agcy Co The
—f l c
Rider A A—f
Ross W D—f l c
Schwartz Jos T—f c
Smith R F—f l c
Stevens C L—f c
Tyler C A—f
Waggoner C E—f l c
Wolf S—f c

GALION

Bachelor H J—f l c
Baell Edgar—f
Biehl F W—f l c
Casey J E—f c
Castle Clayton A—f l
Crissinger C J—f
Franks P—c
Gearhart August—f
Hulse Guy—f
Kibby C H—f c
Knote Henry—f l c
McCarroll J W—c
McKinley Geo W S—f
Metheany A M—f c
Pigman Frank—f
Plank O—f
Price H V—c
Schuler Phil—f l c
Shea John T—f l c
Turner William—f l
Wisler Ed—f
Zimmerman D E—f

GALLIPOLIS

Bush C I—f l
Cherrington F E—f l c
Cherrington S M—f l
Kerns A W—f
Kerr C C—f
McCormick J H—f
Neal G E—f l c
Tanner W R—f
Thomas Wm—f
Wall & Clendinning—f
Ward Bros—f l c

GARRETTSTOWN

Agler W E & Son—f l c
King Frank H—f c
Jackson J J—f c
Jackson J J Jr—f c
Nicholson & Huff—f c

GENEVA

Adams Chas D—f
Cowdery Geo H—f l c
Ford Chas—f c
Martin Cyrus—f
Martins S A B Sons—f l
c
Michel & Miller—f
Mott J O—f
Simmons Jas—f
Trask A L—f

GERMANTOWN

Antrim N—f
Huber C F—f c
Rice & Zehring—f c
Theispach John—f c

GIRARD

Deemer W R—f l c
Jones Lotz & Kenedy—f
Lewis D G—f
Purdum G R—f l c
Vaughn T C—f l

O.—Con.

GLENVILLE

Battles & Stevenson—f 1
Whitman Mrs C A—1

GLOUSTER

Duncan C E—f c
Duncan Geo—f
Elkins Harry—1
Elkins R D—f 1
Fawcett G C—f 1 c
Rose G W—f c
Smith R B—f 1 c

GREENFIELD

Adams W B—f
Anderson W H & Son—f c
Caldwell J S—f
Clyburn Harry—f
Hiser D T—1
Kelso J G—f
Matthews M L—f
Rogers Chas—f
Uhl Chas—f
Waddell L P—f c

GREENVILLE

Anderson E F—f
Bausman A H—1
Beanblossom D D—f
Brumbaugh W D—1
Burns Bros—f
Copperas J C W—1 c
Devor Mrs Clara—f
Grant W C—1
James Miss Jessie W—f
Katzenburger G A—f c
Kipp G C—f 1 c
Lawrence E—f
Maher P H—f
Meeker F D—f
Pearce W L—f c
Selby Ins Agcy The—f c
Swathwood M—1
Wright E C—f

HAMILTON

Beeler John L & Son—f
Cahil Jas J—f 1 c
Cass Dan—f c
Daggett & Taylor—f c
Egry Aloys E—f c
Frazier J C—1 c
Hathorne C P—f
Hawk Geo E & Son—f 1 c
Heck Wm—f
Hill Alfred—1
Hunter-Frechting Insurance Agency Co—f c
Kelly Jas A—f
Krauth J W—f 1 c
Lecklider Benj D—1
Lippmann Liebman—f
Love S W—1
McClelland F P—1 c
McGinly-Alston Co The—f c
Milliken Robt—f 1 c
Parris Lee Co—f 1
Rochelle John F—f
Seward Sloneker Co The—f c
Sortman Richard—1
Tabort Mrs M—f c
Tully Jas I—f
Vinnedge W W—f c
Welliver A J & Son—f 1 c
Williams Sherman—f c

HARRISON

Bevis C D—f 1 c
Bowles Frank—f
Marvin J P—f
Tebbs Bros—f

HICKSVILLE

Armstrong E F—f 1 c
Hoff & Zick—f 1

Richards A M—f
Smile J D—1
Wilson W D—f c

HILLSBORO

Austin Frank—f
Ayres Frank—f c
Chaney N E—f 1 c
Davies R O—1
Kirkpatrick & O'Neil—f 1 c
Ledbetter David—f 1 c
McClure Robert D—f c
McClure H S—f c
McConaughy C D—f 1 c
McDermott James—f
McMullen Robt B—f c
Scarborough J M—f 1 c
Strain Ben—f 1 c
Wiggins H L—c
Worley J B—1

HUBBARD

Dalby William—f 1
Dominic Paul—f
Jackson P Arden—f
Kelly Margaret Miss—1
White C F—f 1 c

IRONTON

Berkley J W—f 1 c
Brewer W A—f
Collett Thos L—f 1 c
Dovel & Corn—f 1 c
Henry P L—f c
Horschil F J—f 1 c
Jervis Thos—f
Kennedy T J—f 1 c
Potts J N—1
Ringo C M—f 1 c
Russell W A—f 1 c
Scott Wilson—1 c
Snyder & Lambert—f 1 c

JACKSON

Adams J H—1
Dungan Emmett—1
Fite & Fite—f 1 c
Hartlage L B—1
Johnson T J—1 c
Miller H C—f c
Morgan & Williams—f c
Nelson C W—1
Parry I I—f 1 c
Rice R E—1
Steele Chas F—f

JAMESTOWN

Lieurance Harry—f 1 c
Shifflet Wm—f
Smith J H—f
Sterrett W R—f 1 c
Thomas Byron—f

KENT

Baters W P—c
Curtis & Hall—f
Davis C M—1 c
Garrison E F—f c
Graff Mr—1
Reed W W & Son—f 1 c
Rynard N B—f
Stauffer L G—f
Stutzman A B—f
Wolcott D B—f c

KENTON

Ahlefeld & Andrews—f
Baldwin J M—c
Blue O P—f 1 c
Bolenbaugh Isaac Jr—1 c
Cassana & Gelhouse—f 1 c
Gray Harry—1
Jones F U—f 1 c
Pearce H E—f 1 c
Pence S J—f c
Rice A M—f
Reddick J W—f 1 c
Rodebaugh Harry—1

Stahl A A—f 1 c
Stinchcomb J W—f c
Walker Mary E—f

LANCASTER

Baker L M—1
Barr Jas C & Co—f c
Beck Henry K—c
Clarke Joshua—f 1 c
Cookley G W—1
Cole Clyde C—f 1 c
Crumley C M—f c
Davidson Wm—f c
Drinkle Mrs C H—f
Faigley W W—f c
Hunter Frank R—f 1 c
McCamman & Barr—f
McClenaghan Wm T & Son—f

Matt Bros Agency—f 1 c
Matt Geo Sr—f
Miller Geo C—f c
Mourry C O—1
Myers Olaf E—f c
Newman W E—f 1 c
Nye Wm H—f 1 c
Rainey S W—c
Sites J S—f 1 c
Smith T H—f
Snider Van A—c
Sprinkle Ira E—1
Thomas Amos S—f
Thomas Obad—f
Towson C H—f 1 c
Vandemark Geo H—c

LEBANON

Brown F J—f 1
Brown G F—f 1
Brown O K—f 1 c
Brandon & Ivins—c
Cunningham Frank—f
Dakin H C—f 1 c
Dakin L—f
Hutchinson O A—1
Langdon L K—c
Mounts Jesse—f
Shawhan Mr—f c
Thompson John A—f 1 c

LEETONIA

Greenamyer C E—f c
Mellinger D W—1 c
Tetlow John J—f
Tetlow H—1
Warren W E—f c

LEIPZIG

Fike Geo A—f
Gaugly P W—1
Kelley T P—f c
Nutter P G—c
Rower Thos H—f 1 c
Slaybaugh & Bell—f 1 c

LE ROY

Ward Irvin—f

LIMA

Aren & Barrett—1
Bible Geo F—1
Boose J M—f c
Brand H L—1
Burke H S—1
Cassidy Joseph—1
Clark Realty Co The—f
Clem Co—f 1 c
Collins T A—f 1
Cook C A—1
Crayton & Son—f
Creps A S—1
Crossman Darwin—1
Custer Bros—f 1 c
Dempster E G—f
Dille Bros—f
Driver P M—1
Dunn & Co—f
Eaton F A—f 1
Elmer D Webb Co—f 1 c
Feely W T—1

Hildrith A D—1
Kable P A—f
Kemmer O F & Co—f c
King, McCurve & Mackenzer—f 1
McComb Wm—f
Mohr John—f
O'Connor Bros—f 1 c
Ohler J O—f
Phillips John H—f
Plummer S A—f
Rumsey & Wooden—1
United Realty Co—f
Wallace E D & Son—f 1 c
Wallace G I—f
Young O N—1

LISBON

Adams J F & Son—f 1 c
Connell Charles C—c
Dorwart H B—1
Hinchliffe J H—f c
Hoestetter Wm—f
Marsden H E—f 1 c
Ramsey A A—f

LOCKLAND

Buchanan J H—f 1
Claron Robt—f
Fladung Edw—f
Hennings August—1
Holt A J—f
Holdredge Fenton—f
Skillman C W—f c
Wilson E D—1

LOGAN

Bay H B—1
Beck E W—1
Brooke A H—c
Comly E B—1 c
Humphrey J B—1
Kempel Rudolph F—f 1 c
Lappen & Leach—f c
Lindley I J—f
Lytell W J—f
McCray W W & Son—f 1 c
Mickel H—c
Rectenwald Charles—1
Schwinke C W—c
Versop Ernest W—1
Warren & Wills—1

LONDON

Atchison J R—c
Boyd R W—c
Chenowith Rea—f
Corry Ernest F—c
Fauver H F—f 1 c
Gardner & Gardner—1
Gardner H L—1 c
Gardner Joe A—f 1
Honnbeck C R & R G
Parker J D—f c
Phillips S R—1
Pringle & Chenowith—f 1 c
Van Wagner Benj—f
Yearian J J—f 1 c

LORAIN

Babcock The A H Co—f 1 c
Buell & Corad—f c
Chapman T G—f
Hitchcock C P—f c
Little W N—f c
Vorwerk Grace—f
Williams & McIlvaine—1

LOUDONVILLE

Byers Jacob F—1
Crow G S—f 1 c
Groff W—c
Hoffman Martin—f 1 c
Morn Mrs Cora B—f
Reed W R—f c
Riblet J—f

Sanborn C L—f l c
Spreng M H—l
Smith A D—f
Wolf M J—f c
Young F P—f

McCONNELLSVILLE

Beckett & Gray—f c
Black Geo H—c
Dougan C E—l c
Erwin John D—l
Finley H M—f l c
Finley Silvey A—f
Lyne John Q—c
McLucas J B—c

MADISONVILLE

Clemens Arthur—f l c
Clippinger W W—f
Goddard F H—f
Hern Bros—f
Hudson J G—f
Hunt James—f
Lindley F R—f l c
McClure Edw—f
Maphet T M—f
Mathis Jacob—f
Miller Frank—f
Oberwittie C F—f l c
Peterman Geo—f
Robinson T A—f
Rowan J N—f
Sauer Geo—f
Scott Miss L—f
Taylor F T—l

MANCHESTER

Dunbar J K—f l c
Doldridge Percy—f c

MANSFIELD

Amstutz A L—l c
Barr L D—c
Bauer C F—l
Beam L H—c
Bonar & Harding—f l c
Bonar L J—f
Bowman E E—f c
Cairnes J E—l
Carlisle R R—c
Carroll P S—l
Colwell S J—l
Cook & Tracy—f c
Cox P J—l
Culler J H—l c
Davies D J—l c
Dayarmon G W & Son—f c
Dickson V M—f c
Ditwiler H B L—f c
Earl O B—l
Endly G C—f
Fox J B—f l c
Forney G W—c
Fritz C W—f c
Geary E R—l
Harrison W J—l
Hahn & Young—f
Herchner C—f
Hill C S—l c
Hout G A—f
Hoover D S—f l c
Hurst Helen—l
Johns H J—f
Keckler A—c
King J J—l c
Klaner H J—l
Klopfenstein J L—l
Koonz D S—f c
Kubiak L S—c
Lentry W L—f c
Lindley J B—c
Lindsey E H—c
McCready H L—f l c
McFarland J S—l
McMahon F H—l
McIntire L R—f
Michael P H—c
Nall E S—f
Palmer D D—l

Parsons LeRoy—f l c
Pealer W S—l c
Reed R R—l
Reinhart & Hering—f l c
Roush Realty Co—l c
Schaue M A—l
Scott C C—l
Sipe F E—c
Seward John—f
Shafer D F—l
Sheriff F—c
Simon D—f
Slough E P—f l c
Southard W K—l
Spencer E P—f l c
Syse F E—c
Tanner F H—f
Umbarger I K—c
Urie E W—l c
Weidner G H—f l
Wycoff E B—l

MARIETTA

Blohm Wm—f
Booth E M—l
Buchanan Harry—f c
Cooke R D—f l c
Cutter Lewis J—f
Dewes J E—l
Flanders Bros—f l c
Goebel J S—l
Plumer & Crawford—f l c
Putnam B B—f
Schafer Karl O—f
Stevens A J—f c
Tisher & Titley—f c
Torney F W—f
Wilhelm S C—f l

MARION

Armstrong R S—l
Burke M J—f c
Bush E E—f l
Chase M B—f l
Dee & Co—f l c
Hoch Bros—f l c
Jones W T—l c
Katz E—f c
Ketty A W & Co—f
Kling & Allen—f
Knapp & Son—f l c
Krauss E J—f l c
Larie G F—f c
McColley & Warrington—f l c
McGuire G S—f c
Molloy E—l
Montgomery A S—l
Neidig P & C Co—f c
Northrup C C—l
Peters & Co—f c
Rauhauses S R—f c
Sshaad C E—l
Sshoenlau & Son—f l c
Shaw H L—l
Smith & Son—l
Sycks Earl R—l
Tedrow B—l

MARTIN'S FERRY

Boehm Johanna—f
Cole M E—l
Duff C E—f
Fallen A J—l
Gauley R B—l
Hanes J T—f c
Heinlein E E—l
James C—f
Lupton Mrs W M—f c
McCombs E E—c
Ong R T—f l c
Palmer S P—l
Reece G W—l
Robinson Ins Agency—f
Rooney R S—l
Sedgwick F A—f c
Talbot C R—l
Teagarden Miss A—f
Van Pelt A J—c

MARYSVILLE

Bawn Bros—f
Edwards C G—l
Henderson Mrs C—f c
Gilcrest Max—f c
Sawyer E F—f c
Summers J L—l
Taylor & Zwerner—f c

MASSILLON

Arnold F W—f c
Arthur C B—l c
Bierly J W—l
Conrad Isaac—f l
Crawford R B—l
Davis Thos C—f
Ferrell & Schultz—l c
Fleming Thomas P—f l c
Gow R H—f l c
Hammersmith Charles—f l c
Howells John—f
Johns J E—f l c
Johns William—f l c
Koons & Son—l c
McLain-Kirchhofer Agcy Co—f l c
Paul G G—f l
Schott Christian—f l c
Slusser L P—l c
Volkmor O C—f
Wertzbaugher Jr J B—f c
Wheeler A Z—f l c

MAUMEE

Alins Albert—f
Cohen A W—f
Eckert L A—f
Rhonchours L B—f
Swan W S—f

MECHANICSBURG

Cheney Robt—f
Legge J C—f
Magruder V S—f c
Mumma A L—f
Wood C A—f

MEDINA

Hendrickson Blake—f l c
McDowell Blake—f l
Randall Lewis H—l
Richards George A—f
Spellman Frank—f
Spitzer E B—f l
Van Epp Arthur—f

MIAMISBURG

Bowles F K—f l c
Dodds R S—f l
Dosh L A—f
Keiser B—l
Lyons T V—f c
McKnight & Schmitz—f c
Pansing B J—f
Purnell John—f c
Rogers E J—f c
Schuster C A—f c
Zehring L H—f

MIDDLEPORT

Downing J B Jr—f l c
Downing John F—f
Hobart M C—f

MIDDLETOWN

Barnitz Ins Agency Co—f l c
Crist C G—f c
Foster A L—f l c
Goldman Charles—f c
Harrison W T—f l c
Moore F C—l
Nein L T—f
Todhunter W H—f
Walburg Harry—f l c
Weisel Harry—f l c

MINERVA

DeFord & Alexander—f l c
Greenwood J F—f l c
Murray James—f
Ukefer F A—l c

MINGO JUNCTION

Brettel Jas—f l c
Risher Harry A—f c
Scott J Ross—f

MOUNT GILEAD

Ashley L H & Son—f l c
Pollock E H—f l c
Smiley C D—f l c

MT. VERNON

Aller Banner M—f l
Cooper John—f l c
Curtin W C—f l c
George Robt—l
Greer Robt M—f
Herron Bert—f
Huntsberger H M & Co—f l c
McCarthy Alice G—f
Murphy O F—f
Peterman Samuel H—f l c
Sailsbury C—f l c
Stream Luther A—f l c
Welsh & Shaffer—f l c
Welsh Wm J—f l c
Wootton J H—l

NAPOLEON

Bokerman Wm C—f c
Bretz Dow—f c
Cowdrick E R—l
French H H—f l c
Meekison C C—l
Prentice C J—f
Reiter F W—f l c
Reynolds Chas E—f c
Tabler A F—f
Yarnell Byron—f

NELSONVILLE

Dowd Thos A—f l c
Juniper C W—f c
Matheny L G—f l c
Pritchard A L Dr—f c
Stratton Mary E—f
Zeller John—f l c

NEWARK

Baker Malcom—f c
Broome Wm H—f
Carter Jos A—l
Cosway Fred J—l c
Daly S J—l
Dickerson K I—l
Evans P G—f
Flory C L—c
Franklin Geo—f
Franklin Hooper—f
Gilbert Wm D—f
Gunion C W—l
Haynes Geo N—c
Henley A F—c
Johnson E T—f l c
Jones O C—f
Jones R R—f
Jordan & Fuller—f l c
Montgomery T W—l
Norris & Windle—f c
Plyler W B—f c
Reese M J—f l c
Rentz Jos—f
Rexrothe H L—f c
Riley C L & Son—f
Shauk H H—f
Tucker J—f
Warner J R—f c

O.—Con.**NEW COMERSTOWN**

Beers W A & Co—f l c
Dillehay Harry—l
Huston G W—c
Kennedy M B—f
Muchelnaus H G—f l c
Phillips George—l
Shannon T J—f l c
Yingling M R—f c

NEW MATAMORAS

Harvey Geo D—f l c

NEW PHILADELPHIA

Andrews F W—f l
Bowers A A—l
Buchor Chas—f l c
Clark Wm—c
Ebright Joe—f c
Edwards Theo—f
Fernald Conrad—c
Hepfinger Theo S—f c
Hill J R—c
Kaderly E J—f l c
Kelly & Youngen—f l c
Lewis Clifford R—f l c
Marlow & Briggs—f l c
Mathias V O—l
Morris T R—l
Nixon Ralph—l
Powelson O C—l
Schweitzer E C—c
Syron Jac—f
Wagner W A—c
Walters E A—f c
Webber Harry—l

NEW RICHMOND

Bainum C T—f
Davis Robert A—f l
Shaw Geo P—f

NEW STRAITSVILLE

Essex Palvin—f
Evans John—l
Faine John C—f
McDonnaugh M—l
Spicer F M—f

NILES

Bremer Warren N—f c
Campbell Jas B & Geo L—f l c
Cowdrey Frank R—f l c
Holzbach Jas—c
Kerr & Stevens—c
Phillips L M—f c
Rosensteel J H—f l c
Sayers W Y—f c
Taylor Geo J—f l c

NORTH BALTIMORE

Brown Margaret—f l
Fulton G B—f l c
Heminger Irvin—f

NORWALK

Bechtol John M—f c
Bilton Geo—l
Bloomer C E—f c
Bowen & Sanders—f l c
Clark C E—l
Christian Fred W—f
Dougherty H O—l
Garrigan J M—c
Goodhue Wm—l
Hartine & Jordan—f l c
Hoyt M—l
Lawrence Charles B—f c
Round Geo F—f l c
Sawyer Frank—f
Shack Cavit M—f
Snook L—c
Stavies C—l
Stewart H L—f c
Suhr Charles—f l c
Terry Alvin B—f

Thomas A—l
Tucker & Holliday—f c
Venus Charles P—l
Washburn F R—f
Whitehead W W—f l c
Wickham Ben B—c

NORWOOD

Ames & Agnew—f
Baumes & Co—f
Bush Parker's Insurance Agency—f
Catton & Kemf—f
Diggins H M—f l c
Hedger C—f
Hopper Mr—f
Hukill F—f
James Geo—f
Kleine F L & Son—f
Levi F M—f
Pierson H J—f
Schulte John—f
Scott A S—f
Stratmyer G—f
Whitacre M B—l

OAK HARBOR

Carstensen Louis L—f l
Keane P—l
Kramb Chas—f l c
Mylander G C—f l

OBERLIN

Brady J J—l
Burgner L E—f l c
Burklew F E—f l c
Dixon M Edith—f l
Durand Will B & Son—f l c
Edwards J L—f c
Hart W A—f
Hensner W A—l
McKee Otis—f
Morris G W—f
Ralston P E—f c
Wells Horace D—l
Williams L B—f

OTTAWA

Ackerman F M—f l c
Donart & Donart—f c
Greer Frank J—f l c
Greer Mrs F—f
Ewing Guy L—l
Kernsting A A—f c
Kernsting A V & Co—f l c
Shumaker M E—f c

OXFORD

Brandenburg Richard—c
Cleaveland A W—f l c
Law Tom—f
O'Neil Wm—f
Rodebush Wallace—l
Sera Geo—l

PAINESVILLE

Barber E D—f l c
Donaldson W E—c
Ferron O P & Co—f l
Gray E J—l
Huntington E G—f
Jackson R E—c
Kerr F L—f c
McLean A D—f
Pease W B—f
Warn A M—l
Wyman V E—f

PAULDING

Dittenbaver Bros—f c
Donart C F—l c
Leslie R C—l c
Price S T & Co—f l c
Sprigs A J—l
Yager John—f c

PEMBERVILLE

Bashore A G T Jr—l
Dwyer Claude—f l
Gerding C R—f l
Keil Edw—f
Rees A D—l
Schroeder John H—f
Shuman C W—l
Spitzer F P—f
Talker Wm—c

PIQUA

Bennet J R—l
Burnham Mrs Margaret—f l
Caldwell R O—l c
Carr Clyde G—f c
Dagenhardt Ed S—f c
De Armon Chas W—l
Edge Henry C—c
Grafflin H C—f c
Hodson Cyrus—l c
Hunter Mrs H H—f
Kiser Chas W—l
McColloch Seth—f
Marshman W R—f c
Mendenhall-Wilkinson Co—f l c
Miles J R—f c
Pursell & Peffer—f c
Sheridan J B—c
Sigler & Sigler—f c
Stelzer Geo—f c
Syler Sherman D—f

POMEROY

Bailey D F—l
Fish H C—f l c
Geyer D—l
Horton Cap & H M—f c
Ihle Veda—f c
Remington Ben—f
Webster Jed C—f c

PORT CLINTON

Bell G W—l c
Clemons N A—f l c
Gerner C E—l
Gregory Jas A—f c
Tadsen P K—f l c
Williamson Wm—f
Wornell J A—l c

PORTSMOUTH

Baggs Frank M—l
Bahner John W—f c
Beyer Wm F—l c
Blake Andrew C—l
Byron J W—l
Clark Marvin C—f l c
Clark Philo S Co The—f l c
Draper E F & Co—f l c
Duduit Merle O—l
Finney Frank B Co The—f l c
Finney J H—l
Gist J J—f l c
Hutchins & Hamm—f l c
Inman & Graham—f l c
Inman W A—l
Johnson Sam M—f l c
Knox Agency Co The—f l c
Kricker Geo E—f l c
Millstead Cread—f l c
Musser & Pake—f l c
Nodler & Creighton—l
Richardson A H—f l c
Roth Conrad—l
Scudder Chas D—f
Sikes Frank L—f c
Schreiber M D—l
Strayer J F—f l c

RAVENNA

Ball Gordon—l
Becley W J—c
Dodge W J—f l c
Dussell J H—f
Halstead F G—f c

Hotchkiss W J—f
Ingill C D—c
Maxson E W—f
Roberts E M—f l c
Seymour L P—f l c
Taylor B C—f l

READING

Vorjohan F H—f c

RIPLEY

White J S & Co—f l c
Williams L V—f l c
Young E R—f l

ST. MARYS

Kishler Willis—l
Martin W H—l
Schmidt Otto—f l c
Smith John L—f l c
Stout J F—f l c

SALEM

Hanna & Kridler—f l c
Heaton & Taylor—f l c
Johnson R R—f l c
Loop H N—f l c
McCurdy H W—f l c
Penrose & Rogers—f l
Smith J H—f l c
Stiffler Henry—l
Vernon & Ambler—f c
Young H W—l c
Young M L—l c
Young M L & Son—f l c

SALINEVILLE

Kirk W F—f c
McBain W A—f
McCormick S E—f c
Myers A W—f
Skinner John W—f

SANDUSKY

Alstaetter E—f l c
Arend Wm—l c
Bittner C C—l f
Buerkle & Lermann—f l c
Close A C—f l c
Crass Ed—f l c
Davey J A—f l c
De Allen P—f c
Dehnel & Dehnel—f
Doerzbach Geo F—f l c
Flynn & Co—f l c
Giedeman John—f
Hauser J C—f l c
Hartman F Erich—f
Hertlein J F—l c
McGookie F—l c
Miller & Beare—f l c
Quinn J R—l
Ramsey R K—c
Reinheimer C—l c
Schaub & Co—f l c
Schiller H—l
Singer J F—f c
Smith J W—l
Smith W B—c
Spencer Fannie G—f c
Thomas F W—l
Traub John & Co—f
Union Agency Co—f
Wagner A M—f c
Weichel D—c
Zerbe Fred—l c

SHAWNEE

Baillie Jas L—f
Blair Edw G—l
Bradshaw M E—c
Craig J S—l
Davis G A—l c
Lambie L C & Son—f
Williams Wm H—f l c

SHELBY

Ashbaugh E A—f
Beck H K—f c
Hildebrandt H W—f l c

Huber W H—f
Laseen C J—f
Myers A F—f
Sharen Sarah—f
Sonastine W F—f
Stambaugh S F—f
Wentz Henry—c

SIDNEY

Anderson G C—f c
Colier W P—f
Dickeas C H—f
Kah H E—f c
Needles E—f
Oldham J—f
Owens J L—f
Pruden D M—f 1 c
Robertson Leal—f c
Ruese H T—f 1 c
Studevant L M—f c
Trout E—f
Wyman W C—f
Wyman W R—f

SPRINGFIELD

Banta Edgar G—f 1 c
Braun Leo—f
Brooks H M & Son—f
Carey Harry W—f
Considine M D & Son—f 1 c
Corry L B & Co—f
Crane J W—f
Elliott J S The Co—f 1 c
Jones C C—f 1 c
Knight George H—f 1 c
Leale C C—f
Lessner A L—f 1 c
Link's Joseph & Sons—f 1 c
Lothachuetz Peter—f
Ludman J C—f
McIntire W D—f 1 c
Martin P B—f
Miller Leroy E—f 1 c
Moffett R W & Son—f 1 c
Moser Chas P—f
Ockenden F G—f c
Ormsbee B A—f c
Page J A—c
Robert A B—f
Shank Geo H—f 1 c
Showers H S—f c
Trout & Anderson—f c
Waight H G—f 1 c
Wallace & Co—f 1 c
Winwood Geo W—f

STUEBENVILLE

Arlkey Wm—f 1 c
Ault J C—f c
Bernert J J—f 1
Boyd Cartledge L—f
Dohrman H G—f
Frazier L M—f
Gescheider The Geo A
Co Inc—f 1 c
Hawkins Geo S—f
Hill W J—f 1 c
King F S—f c
McCracken Geo P—f
Maxwell Mrs Ella W—f c
Miller Nelson—f c
Orr John—f
Powers Fred E—f 1
Reed H M—f c
Schlernitzauer A—f 1
Simmons H A—f c
Trainer Wm M—f c
Wannenmaker Jno G—f 1 c
Zink Mrs W R—c

SYRACUSE

Bartles Wm F—f
Bridgeman L H—f
Bridgeman O N—f

TIFFIN

Altagger & Mornwer—f c
Baldwin F M—f c
Boehler William H—f
Bogart Edwin—f c
Cochenour Abe—f
Cockayne Ben F—f 1 c
DeRan H L—c
Drohen Thomas H—f 1
Gillig H M—c
Hackett M J—f
Heebach J C—c
Hendershot I R—f
Hershberger James M—f
Hoover & Schaffer—f
Irvine R W—f
Keller A R—f
Keppel Walter C—c
Knight W A—f
Kuebler Joseph H—f
Martin Grover A—f
May Edward C—f c
Morrow Michael—f
Neal M J F—f
Neiligh H H—c
Niles R D—f
Noble & Fiege—f
Noble B M—f
Norman Jno D—f
Pence W D—c
Probert Evan M—f c
Rohrbacker Walter C—c
Sheibley W W—f
Smith E C & Co—f
Snyder J H—f
Spitler Calvin D—c
Staley Ellsworth G—c
Stoner & Stoner—f 1
Werner J W—f

TOLEDO

Allen D—f
Barker, Frost & Chapman—f 1 c
Bierly C C—f
Brown E O & Co—f
Burgert M H—f
Close E H Realty Co—f 1 c
Connell John E
Daily Frances E—f
Decker Miss E K
Fox Realty Co
Greer Snell Co—f c
Hiett Irving B & Co—f
Hodge & Weil—f
Hussey C—f
Irving Mrs E M & Co—f
Johnson-Decker Co The—f
Johnson N W—f
Jones Knepper & Kennison—f
Ketcham W A—f
Kirschner, Wideman Co—f c
Kountz Steig & Co—f
Krantz Co The P J—f
Kreke & Stepy—f
Long B J—f
Long S E—f
McKenna Blair & Co—f
McKesson & Cone—f
Merrill, Dodge & Jackson—f 1 c
Metzler J J—f 1
Moore Bros
Murphy Thos H—f
Palmer-Blair-Shanks Co—f
Pepple & Co
Pomeroy Geo E & Co—f
Rawley L A—f
Richardson Ira A & Judd—f
Schmitt T—f
Schreux A
Searlis & Moor—f
Smith & Smith—f
Smith H J—f
Thomson F G & Co—f

Valois E L—f
Walbridge & Co—f
Waters E C—f
Wellies Bowen Co—f 1
Whitaker & Co
Whittlesy-Hubbell Co—f
Witker E H & Co—f
Wright Russell & Bay—f

TROY

Clark A W—c
Clayton Harry
Conrad Geo W—f
Davis J W—f
Goodrich F C—f c
Green H E & Son—f
Hawthorne A R & Son—f
McConnell Geo R—f c
Marr J C—f
Mason Alfred—f
Meredith J L—f
Park Mrs Pearl—f
Snyder C E—f
Speagh L L—c

UHRICHSVILLE

Carson J R—f
Furbay R K—f 1
Hamilton C W—f 1
Latto F E—f
Lindsay T A—c
Mellor H N—c
Moody W V—f
Moore E J—f
Nelson L L—f c
Rice Chas W—f 1 c
Rock & Whieland—f
Rock D E—f
Romig A T—f c
Snyder H O & Son—f 1 c
Stone W H—f 1
Walton R W—f

UPPER SANDUSKY

Baker Mary L—f
Broderick O L—f
Finkle F—f
Frank Peter—f
Gibson M V—f 1
Haner R A—f 1
Hare C D—f c
Hulse J J—f
Kear Henry & Co—f
Kirchner L C—f c
Lanker J E—f
Lockwood W F—f 1
Newell M H—f 1
Smith C F—f 1 c
Stcher Geo J—f

URBANA

Baker Robert—f 1 c
Banta Brothers—f 1 c
Berry Lou E—f 1
Blake Carrie—f 1 c
Crowl John—f
Dixon B F—f c
Dixon Nettie—f
Dye I M—f
Dye T E—f 1
Hazard C F—f
Hern J F—f c
Jounell J T—f
McCracken Laura—f
Parker J S—f c
Pickering Rube—f
Quick Elto—f 1 c
Ross & Brand—f
Ryan L P—f 1
Stafford Miss Effie—f c
Talbot M W—f 1
Wagner O H—f

VAN WERT

Augustine J Q—c
Balyeat H Donal—f c
Bayles D E—f
Blachley & Kearns—c
Conn B C—f c
Dyrast & Woodard—f

English Miller—f
Fling Harry—f
Gilpin A C—f c
Good Clark—c
Hall F B—c
Heymann H—f
Hoeken W T—f
Hoelle C H—f c
Holden F C—f c
Long S M—f c
McGirr Wm—f c
Manship C F—f
Manship Frank A—f 1 c
Morrison J H—f
Nicomemus W E—f
Poling Chas N—f
Purmort Bros—f 1 c
Redrup H C—f 1 c
Sheets A C—f c
Springer E C—f
Stiggers J A—f 1 c
Straw A G—f
Walborn E—f c
Walters S E—c
Wilson Geo E—f c
Woods Mary—f c

WADSWORTH

Allen & Hartzell Agcy
Co—f 1 c
Ault L D—f
Beck A M—f
Bowman & Neath—f c
Lytle Marion—f
Simmons J B—f c

WAPAKONETA

Arnold Vernon B—f 1 c
Heinrich John G—f 1 c
Kridler & Loth—f 1 c
Kune W E—f
Langhorst O W—f
Moore Madison—f
Schunck L S—f
Settlage W H—f 1 c

WARREN

Abell William H—f
Adams Fred W—f 1 c
Adams Ins Agcy Co—f 1 c
The—f c
Adams Whittlesy—f 1 c
Avner Philip—f
Barber H L—f
Boyle Peter—f
Burnett & Stone—f 1 c
Chinnock C C—f
Clapp & Lewis Agcy Co
Inc The—f c
Cottle Nelson W—f
Cottle Co Inc The—f
Culver A D—c
Davis B H—f
Doolittle & Cleveland—f
Eldridge C D—f
Elliott Frank—f
Fitzgerald M H—f
Geer F E—f
Grimm E A—f c
Hartman W S—f
Hazard J E—f
Hoffman John M—f
Leet S E—c
Oliphant C M—f c
Parsons Jr B F—f
Poulton J F—f
Prier G H—f
Templeton F D—c
Thomas E J—c
Vaughan H E—f
Waldeck Jacob—f
Wonders A E—f
Woodworth D S—f c

WASHINGTON C H

Adams J F—f
Cave C A—f
Dial W H—f
Edge & Rodgers—f 1 c
Ellis Walter—f c
Fullerton Frank—f 1 c

O.—Washington C. H., Con. Hitchcock & Dalbey—f 1 c Ligh. Ed—l Maddox Ray—f Pine Glenn—f c Snyder Edgar—f c Sollas Chas—f Taggart Joseph—l	Black L A—f l c Hogenmiller J A—f l c McQueen & Brennan— f c O'Grady Will—f l c Riley J W—f l c Wells F L—c Wilfong C J—f	Matthias Fred K—l Myers W C & Co—f c Musselman David W & Co—f Quinby W C M & Geo W—f c Smith C Otis—f l c Talbot J C—f Van Nest's J P Sons— f l c Whitaker Walter—f l c	Loftus A—f McCracken L—f McElvey Wm B—f c Mattison C F—f Miller Louis W—f l c Moreman Edward—f c Randolph W B—l c Roch & Keating—f c Rudge Realty Surety Co —f c
WAUSEON Bare Elmer—f Darby R B—f Davis H F—f l c Deyo L H—f Dimke John—f Greenough C F—f Grieser & Son—f c Imes Geo—l Mosley H L—f c Orth Carl—f l c Wauseon Realty Invest- ment Co—f l c	WESTERVILLE Moran & Rich—f Ranck F M—f Seeley D S & L—f l c Stoughton R L—l	XENIA Anderson E—f Baggs H H—l Bloom Wendel—f Fulton N A—f l c Hale S O—l Hoensett Jno G—f c Jones J E—f l c Kennedy T J—f Le Sourd & Co—f c Logan C F—c Long Thomas—f Schlesinger B—f l c Wolf Miss Edna—l	ZANESVILLE Anderson J B—l Atwell Bros—f c Calhoun M G—l Cosner S D—f Dailey L A—f Domer W S—l England Bros—f Equitable Savings Co The—f Gray Bros—f c Guthrie W E—f l c Hahn & Nant—f l c Haydon L L—l Helmick W E—f c Hivnor G W—l Hoakinson C S—f l c King Guthrie—f c Lorimer W A—f c Ludman C M—f Lynn T M—f l c McDonald & Frazier—f c McDonald John H—l c Mock C M—f Peoples Wm—l Reasoner A C—f Scott Guy—l Shaner E N—f Sharpe H A—l Sherer J P—l Sigrist W W & Co—f l Stanbery H R—f Stamp K E—l Thompson M H—f l c Werner W N—l Woods G A—l Worrell C P—f c
WELLINGTON Adams Chas M—f l c Binehower Joe—f l c Chapman Elbert F—f c Fisher A G—l c Johnson L A—f c Snyder E D—c Walden R L Wells Guy E—f l c	WILMINGTON Austin C W—l Barnes Luther M—l Bryan T H—f Clinton Mut Ins Co—f George A K—l Harworth Clarence—l Jordan I L—f Metzger Harry—f l c Mills & Brann—f c Rannella W H—f Terrell & Bales—f c Thomas C S—f Walker W W—f c	YOUNGSTOWN Beard & Son—f Bruce-Middleton Co— f l c Cantwell J & Son—f Cobb E W—l Davis Securities Ins Agency Co The—f l c Deible & Son—l Dillon John P—f l c Eckert M—f l c Fithian John—f l Francis Jessie G—f c Hawkins F B—l Johnston D H—l Jones E J—f l Jones & Hewett—f c Kaercher Fred f c Kieling Robt—f Liebman Alf—f l Liemann Luis & Gerstle— f l c	
WELLSTON Charington W B—l c Edwards J W—c Evans W L—f l c Hogan J W—f l Jacobs A E—f l Keisinger H O—f Nichols E E—l Shattuck A E—f l	WOOSTER Applebaugh John—f Billman Chas B—l Blough Frank—l Critchfield L—c Fair Realty Co—f l Feeman & Conkle—f l c Flattey T L—f l c Foster W C—f Brown O—l Funck Daniel—f l c Funck Ross—c Gerber Herman—f l Howard Ned—l c Kean W F—c Knight L C—l Krieger Geo—f c Lingo L L—f Luce C P—l		
WELLSVILLE Adams G W—f Arnold C W—f l c			

OKLAHOMA

ALVA Danner Gus—f l Doolin John B—f c Douner Gus—f l Fash & Gervis—f France & France—f Gibler Mr—f Green C O—f McClure J B—f Moore O—l Morgan G W—l Noah H L—f Scharfur & Doolin—f Scharfer J B—f Schliam Roy—l Scott J D—f	CHANDLER Brady, Brown & Co—l Hall N—f Hicks W H—f c Hinchey T J—f Hoyt F B—f l c	Revire H—f Rhodes E S—f Sampson J P—f l c Wilson R P—f c Yeager G W—f c	Dickensheets & Miller— f c Ellsworth Greens The—f Frantz Mont—f Gannon & Golding—f Graves W A—f Grim & Dillingham—f Kennedy George—f Lee E R—f c Lee W D—f c Minton J D—f l c Nester Robert—l Newsom Frank—l Owens F D—f Pitzer L B—f Reed W C—l Stryker E W—l Sutherland Co The—f c
ARDMORE Bridgman T C—f Cannon H M & Co—f Clement C H & Co—f Durie Chas—f Fraleigh & Co—f Guillot E E—f King J C & Co—f Kirkpatrick Mark & Co —f Ledbetter & Wimberley —f Redfield & Co—f Smith W S Co—f Wolverton W S & Son —f	CHICKASHA Barrett P P—l Clark W W—f Frey F M—f c Gamble F J—f March C B—f c Martin H E—f c Matthews W C—f Owlsley John T—f c Sanford C A—l Speake-Mills Co—f c Stone C L—l Thompson Albert—f c	DURANT Camden & Smith—f l Crouch Sim—f Davis Ins Agcy—f l c Durham H—f l c Harris G F—f Hickman J B—f Lowery Fred—f Scheerer & Mead—f l c Whale & Cox Co—f c Woodward C A—f	GUTHRIE Adams H M—f Arderly H F—f Blackman E J—f Bowden H D—f Curl J N—f Gaffney R A—f Gray W H—f Hall J S B—f Hargis G C—f Humphrey W M—f Hunter D C—f Knebel H F—f Lewis J M—f Logan County Abst & Loan Co—f c
	COLGATE Cardwell & Son—f Hodge Geo W—f c Lewis J D—f c Morgan W K—f Williams B F—f l c	ELRENO Ashbrook M A—f Finch W J—f c Harkin J M—f Jensen & Newland—f c Matthews Clyde—f Nighswander J F—f Ricker H K—f c Shultz J R—l Spear T Jr—f c Stackpole & Pennybaker —f Wattson C G—f c	
	DUNCAN Elliott J E—f c Fischer Albert G—f l c Hardin J J—f March Clemintine—f	ENID Bridges W H—f Cansler C P—f c	

Lowe T J—l
Olson & Burns—f c
Owens J T—f
Pennoek E A—f
Seely & Carlin—f c
Tood H D—f
West M L—f

HARTSHORNE

Baker J H—f
Burkhart Chas—l
Gooch A M—f l c
Hammond W A—f
Layden J E—f
Mullins Wm—l
Nash Lena—f
Walsh G W—f
Wingate C S—c

HENNESSEY

Blackburn W R—f
Felt J A—f c
Hercher A P—f
Martin David—f l
Mitchell W A—f c
Schleiman J G—f c
Stettler Felt—f c
Truesdell George—f c
Westlake A W—f

LEHIGH

Adams S R—f
Beard & Davis—f
Mitham & Hardin—f c

McALESTER

Barr & Clark—l
Brice C S—f
Clyde-Coon Co The—f l c
Gill G A—f
Hale Mrs Jap—l
Jones A W—f
Leibrand John T—f c
Lounsbery Geo W—l
Richards E T—f
Sawyer Jim—l
Smith Frank—f c
Wharton J H—l
Williams M—f

MANGUM

Barlaw F G—f
Covington & Brown—f
Dial D H—f c
Hood Mrs Nancy—f
McCallister L A—f c
Pryse Zack T—f
Warlick G C—l

MARLOW

Ford H A & J A—f
Graham John S—f
Palmer Monroe—f l
Rabb P V—f
Talla John W—f
Wade T L—f

MUSKOGEE

Anderson & Anderson—f
Backenstoe Otto—l
Bragdon M L—c
Butz & Wisener—f c
Chappell Walter W—l
Collins & Collins—l
Cooper Carl H—f c
Culbertson & Tomm—f
Emmert Bros—l
Gaddy T T—l
Jackson U L & Son—f
Jones K M—l
Knox & Magoffin—f c
Land J G—l
Mee Will C—f c
Metcalfe S T—c
Miller Ivo—f
Moffett & Roberts—f c
Morris & Shelor—f c

Rulison E R—f
Shawaller & Bloom—f
Tingle Stonewall—l
Wagner R L—f c
Wilson Mr—l

NORMAN

Clement Bros—f
Keigler C M—f
Millar John E—f

OKLAHOMA CITY

Bewley E G—l
Bonfoey D R—f c
Braniff J A—f c
Brundret J—f
Carroll & Thompson—l
Clark J C—l
Connolly John—f
Delaney & Carey—f c
Duncan & Kahle—c
Escock R M—f c
Edwards R J—f
Edwards W W—l
Englesman A D—l
Farmer W—f
Fuller G H—f
Grotes Howard—f c
Harrell J B—l
Hatcher J U—f
Ins Agency Co—f c
Johnson J Henry—l
Lilly E B—f
McConnell & Osborne—l
McCullough John—f
McGaughey C S—l
Malone W—f c
Marshall Fred—f l c
Mattison J Oliver—l
Merrill & Braniff—f c
Myers B F—l
Neff Fred G—f
Nichols & Chandler—f
Overholser & Avey—f c
Price Conger & Co—f c
Seamans Ed M & Co—f c
Smith L A—l
Stephenson D W—f
Stickley & Knight—f
Stone & Spencer—f c
Upsher & Upsher—f c
Van Hook H H—c
Workman & Co—f c

OKMULGEE

Bozarth Jacob—f
Bryan C F—f
Cook L H D—f
Evans Geo W—f
Finch Luther—f c
French & Robinson—f
Jolly W A—f
McAdoo W C—f
Moltz & Reese—f
Richards H W G—f c

PAULS VALLEY

Jones L T—f l c
Lasater Melton—f l c
Lee R B—f l c
Milburn L J—f l c
Taylor E M—c
Taylor Miss Amey A—f c
Wilson & Hogan—f l c

PAWNEE

Berry G R—l
Hale Jas H—f
McNeil & McNeil—f
Manning John H—f l c
Meurer Miss Mollie—f
Pawnee Abstract & Guaranty Co—f
Proy H E—f
Reid Geo—f
Rexroad H A—f
Soulis Joe—f
Sterling & Smith—f c
Wilson Jno W—f

PERRY.

Dolezal & Lamb—f c
Hurley A W—f c
Knox Charles—f l c
Levy G C—f c
Seaton & O'Neil—f c
Walker C L—f c

PONCA

Acton N A—f c
Brodhall W W—f c
Buckner Henry—f
Carson & Son—f c
Choyce & Benson—f
Heberling F A—f c
Johnston G C—f c
Moore W K—f
Soulligny J P—f
Waltz Geo B—f

POND CREEK

Asher J H—f
Baird Ben W—f
First State Bank—f
French & Brown—f
Ingersoll C S—f
Sullivan M D—f c
Vansiele & McCarter—f

POTEAU

Bird F W—f c
Burns & Little—f
Donothan H F—f
Lowrey & Gothard—f
Patrick R E—f l c
Terry J S—f

PURCELL

Barrowman T C—f
Connor F L—f l c
Keechen J F—f l c
Love F C—f l c

RYAN

Borum & Goodloo—f c
Fisher M C—f l c
Wray W B—f

SHAWNEE

Byler J M—f
Carson & Dickson—f
Chapman & Varnum—f c
Christner Bros—f c
Easterwood C E—f c
Hawk & Wilson—f c
Hurford, Jenkins & Moody—f c
Johnson & Haifley—f l c
Jones Jno W—f
Kerker Bros—f c
Moore J P—f
Parker W H—f
Pierson H A—f
Shawnee Land & Loan Co—f
Steel Co G M D—f c

STILLWATER

Bahutge H—f
Good E E—f
Hall Norman—f
Holmes D A—f
Melton C A—f
Moore G E & Son—c
Perryman J T—f
Sater J E—f
Smith C S—f
Ware W H—f

SULPHUR

Biggerstaff W—f
Elkin C E—f l
Smith L W—f
Williams C—f

TAHLEQUAH

Dannenber J C—f l c
Trent Bros—f

TECUMSEH

Dickson B H—f l
Knight C A—f
Lewis A B—f l c
Walker R L—f

TULSA

Broach W E—f
Carr & French—f c
Cathay George T—f
Coggeshall C D—f
Davenport A V—l
Dickey, Ashby & Fountain—f c
Doyle L L—l
Ewing L N—f c
Farmer & Duran—l
Fleetwood & Jennings—f
Greer Inv Co—f c
Hall Guy—l
Harn A B—l
Harper F N—c
Hassler A M—f
Hopkins T C—c
Johnson A C—l
Jordan & Bowen—f c
Kramer Ins Agcy—f c
Lilly E A—f
McCoy J F—l
McFarland & Bernbrock—f

McLain John—l
Pearce, Porter, Collins & Martin—f c
Renfro G—c
Robbins W M—f
Russell & Abbott—f c
Shrewsbury M Q—l
Stahl W F—f c
Stotts Chas T—f
Waite & Hamel—f c
Walker Wm H—l
Young A D—l

VINITA

Butler & Byrd—f c
Campbell-Ratcliff Land Co—f
Connor O L—f l c
Crutchfield J H—f c
Englehart T E—f c
Handcock N D—f
Hunt & Meeks—f c
Parker-Wise Investment Co—f c
Ratcliff J T—f
Scott J P—l c
Terbush G H—l

WAGONER

Calhoun & Son—f c
Cone R M—f c
Evans Bros—f l c
Leonard N V—f l c
Miller A C—f l c
Ruble Otis—f
Searcy & Mather—f c
Steil Mike—f
Watts N V—f

WEATHERFORD

Baird Geo S—f
Basset J I—l c
Beer F L—f l c
Cooper & McQuawn—f l c
Davis & Dooley—f l c
Dooley W H—f c
German Realty Co—f
Goodner Miss Nellie M—f
Jones T W Jr—f
Morrison H W—f l c
Sparks Thos—f

WILBURNTON

Campbell M F—f l c

OKLA.—Con.**WOODWARD**

Anderson A W—f c
Britton M L—l
Gaston A T—f
Gettig A F—f

Gober John—l
Gray J D—f c
Haning Alpine—f
Hoag & Shafer—f
Lester W H—f
Manso A F—f
Morhan & Amos—f

Renfrew R O—f
Wilcox & Edelman—l
Zerm Albert—f

WYNNEWOOD

Lawrence & Deal—f c
Rollow & Son—f
Shackelford & Seaton—f

YUKON

Bellisle M R B—f
Ellison E B—f
DeVany G H—f
Phillips D B—f l c
Poindexter R M—f l c

OREGON**ALBANY**

Bain Wm—f
Bryant C C—f
Cockerline H N—l
Collins & Taylor—f c
Craven E H—f
Curl L M—f
Hill-Gale S—f c
Howard J A & Co—f
King Grit—f
Knox R R—f
Linn & Benton R E Co—f l
McCourt & Prettyman—f
Merrill H F—f l c
Nutting F P—f l c
Oregon Title & Trust Co—f l c
Owen Beam—f
Payne B M—f
Pipe J V—f
Powell J F—f
Ralston J M—f
Risley W S—f
Roth A W—f
Schultz J R—f l
Schultz I R—f l
Senders M—f c
Sox C E—f
Teabault C W—f
Weatherford A B—f c
Winn C B—f c
Wright G W—f

ASHLAND

Allen Susie—f
Beaver Realty Co—f
Billings G S—f l c
Butler G F—f
Carter E V—f
Engle F S—f
Eubanks Geo—f
Gillitte C H—f
Gowdy & Young—f
Harry Geo—f
Smith V O N—f
Trefren G W—f

ASTORIA

Allen A V—f
Astoria Abstract & Title Co—f
Astoria Harbor Improvement Co—f
Astoria-Warrenton Land Co—f
Cyrus A R—f
Dunbar F I—f
Elmore Samuel & Co—f
Higgins & Warren—f
Larson L A—f
Noonan E P—f
Osburn K—f
Sherman Wm A—f
Van Dusen & Co—f l c

BAKER CITY

Baker Loan & Trust Co—f
Foster Geo H & Co—f l c
Graham Jas H—f
Halliday W A—f l c
Hughes & Waterman—f
Jett Geo W—f
McCord H G—f
Mellis F R—f l
Moore Susan—f
Stutchell J W—f

BAY CITY

Ashley T E—f
Bozorth John O—f c

CORVALLIS

Ayers E F—f l c
Bates W A—f
Blackledge O J—f
Cooney J R—f
Denman Geo W—f
Edwards G Y—f
First National Bank—f
Fredrickson V—l
Gerhard C A—f
Glos Chas H—f
Hughson J D—l c
John D M—f l
John D M Jr—f
Johnson B W—f
Johnston R M—l
Kirk R W—f
Kline Paulina—f
Kline W H—f
Konick Wm—f
Leder Adolph—f
Middlekauf & Young—f
Miller & Thresher—f
Moore H W—l
Morgan & Walker—f
Murphy & Emmett—f
Porter J F—l
Price J H—f
Rondeau S H—f
Stevenson A L—f
Tompkins & Holderman—f
Wallace Harry F—l
Whitehorn T—f
Woodcock A R—f l c
Woodcock M E—l
Wilson E E—f
Wilson J H—f

DALLAS

Campbell H G—f
Craven F J—f
Fenton H L—f
Gregory Chas—f
Holman G O—f
Manston Mose—f
Prichard C L—f
Snyder A V R—f
Stouffer D P—f
Van Orsdal J G—f
Vassall W G—f
Williams Walter—f l

EUGENE

Abraham Harry—c
Allen Seward C—f
Baker & McLean—f
Baker A M—l c
Baker J Albert—l c
Brown L T—l
Button Herbert—l c
Cartmell D L—f
Chambers & Bristow—f c
Cherry H D—f c
Daniel J H—f
Engene Ins Agency—f c
Finch Frank B—l c
Hovey B H—f
Keezel E L—l
Kirchoff J J—f l c
Littlefield C F—f c
McMurphy R—f
Osbron J W—f c
Paine Elmer D—f c

Parker C E—l
Paterson J G—l
Renshaw S D—f l c
Roome Samuel—f l c
Whitney S A—l
Williams S R—l

FOREST GROVE

Beach W J R—f
Clark J C—f
Dyke W P—f
First Nat'l Bank—f
Forest Grove Nat'l Bank—f
Haines E W—f
Hoffman J N—f
Hollis & Graham—f c
Hughes S G—f
Langley & Langley—f
Parker & Sills—f
Roswrious Walter—f
Wilcox C R—f l c

GRANT'S PASS

Allyn Harry H—f c
Best Fuller Realty Co—f c
Conklin Arthur—f c
Dale John A—f c
Fetzner Jos—f
Hendricks H B—f
Ireland Minnie—f c
Lanner L A—f c
Moss Jos—f c
Peterson J E—f c
Pollock E—f

HEPPNER

Briggs L W—f l c
Brown E D—f
Cohn Phil—f
Crawford Vawter—f c
Humphreys T J—f
McDuffey George J—f
Mahoney T J—f c
Patterson C C—f l c
Smead W W—f
Wells Glen Y—l

HILLSBORO

Bagley H T—f
Bowman Benton—f c
Bump D D—f
Kurattli E I—f
Kurattli David—f l c
McAlear E J—f
Michelet C J—f
Perkins E L—f
Sewell F J—f c
Shute John—f
Vanderwall John—f c
Wall John M—f
Wiley W V—f l

INDEPENDENCE

Butler Word—l
Cooper J S—f
Cooper J S Jr—c
Hirschberg H—f
Irvine C W—f
Kirkland J W—f
Kirkland P M—f
Swope B F—f

JACKSONVILLE

Bagshaw D W—c
Collins Benj M—f c

Crane Miller J M—f l c
Nelson O N—f l c
Ulrich L G—f

LA GRANDE

Black C J & Co—f l c
Curry Geo H—f l c
Dixon H E—f
La Grande Invest Co—f l c
Lewis H P—l
Miller Wm—f l c
Oliver J A—f
Oliver J R—f
Parker-Bruce—f
Sargent N B—l
Security Land & Trust Co—f l c
Small C A—f
Williams A C—f

LEBANON

Alexander & Kirkpatrick—f c
Garland S M—f
Newport N M—f
Power Alex—f
Washburn S—f

McMINNVILLE

Connor R L—f c
Dodson J B—f
Gibson J H—f
Gortner M U—f
Hopfield L S—f
Houck W S—f
Kendall M H—f
Kliks B A—f
Odell Albert—f
Peery A M—f
Rogers J O—f
Wilson F S—f

MARSHFIELD

Anderson E A—f
Baines Geo—f
Chandler Irving L—f l
Douglass W U—f
Frizeen August—f
Hall James T—f
Hall John F—f
Kaufman I S—c
Lockhart H—l
McKeown Arthur—f c
Nasburg Claud—f
Raskopf & Cooley—f
Rust W J—f
Schetter O—f
Seaman A E—l
Sengstacken H—f l c
Shipman R Von—f
Stutzman & Co—f

MEDFORD

Bliton A S—f
Brown Joe—f
Campbell & Nye—f
Cochran J H—l
Dressler J W—f
Halley W H—f
Holmes R A—f
Lawton D T—f
McCurdy R H—f
Perry J T—l
Pierce C H—f
Stine H S—f
Tumy Earl—f c

Wakefield J W—f
Wakeman L E—f l c
White & Trobridge—f
Wood D—f
York W T—f

NEWBERG

Butt C—f l
Churchill Chas—f
Colcord J C—f
Colson S D—f
Hall L F—f
Hayes Ezra—f
Linville R B—f
Morris F A—f
Morris W J—f
White W E & Co—f

OREGON CITY

Burke T A—f c
Chapman E A—f
Charman T L—f
Clark J F—f
Cooper E H—f
Cross H E—f
Dillman S O—f
Dimick G B—f
Dye C H—f
Eby O D—f
Fischer Paul C—f
Hammond Philip L—f l c
Hammond Wm—f c
Harding G A—f
Hedges G L—f
Hedges J E—f
Howland Mr—f
Humphreys John R—f
Kelly H L—f
Latourette C D & D C—f
Lovett J P—f
Meyer F J—f
Schooley W F—f
Sivers C T—f
Sivers John—f
Sivers H C—f
Tooze Chas T—f

PENDLETON

Bentley & Leffingwell—f l c
Bickers H E—f c
Brownfield C W—f
Collins H W—f
Coutts G W—f
Ell Joe—f l
Farmers Union Grain Agency Inc—f
Friedley Manuel—f c
Hartman Abstract Co—f
Hays J M—f l
Heard Chas E—f l c
Livermore Lot—f
Matlock-Laatz Inv Co—f l c
McComas E W—f
Moorhouse Lee—f c
Nelson C E—f l c
Oliver Roland—f
Parkes J H—f
Pendleton Abstract Co—f
Rinehart C O—f

PORTLAND

Aitchison J E—f
Albee & Amesbury—f
Alcock J D—f
Aldrich R L—f c
Andrews F V—f
Atkinson D R—f
Baird E H—f c
Barker C C—f
Barrett J M—f

Bass M D—f
Beck Wm G—f
Beebe & Black—f
Billings & Co—f
Birrell A H Co—f
Blanchard P W—f
Bliss Walter E—f
Blossom R H—f
Buell W B—f
Buffington W O—f c
Burgard J H & Co—f c
Burke H R—f
Cadman J O Co—f c
Callan & Kaser—f c
Calvin Chas A—f
Campbell, Smith & Co—f c
Carlock Co—f
Cellars-Murton Co—f
Chew Geo Inv Co—f
Clark F N & Co—f c
Clemens W J—f c
Coleman H E—f
Coleman J D—f
Colton H G—f
Columbia Realty Inv Co—f c
Colvin C A—f
Combs G W—f
Courts B B—f
Crabtree Wm R—f
Craff C A—f
Crow N E—f
Cunningham T J & Co—f
Curtiss C R—f
Dalton Fred W—f
Davidson O W—f
Dennis Jas J—f
Detach A J Co—f
Dooley & Co—f c
Doyle O M—f
Dudley-Archer & Co—f
Dunne & Keynolds—f l c
Ellery D—f
Eschricht A F—f
Everett & Co—f
Feeney R—f
Fields, Dove & Co—f c
Fields & Honeyman—f
Fortmann W G—f
Gerlinger Richards & Co—f c
Gibson J H—f c
Gillmore J F—f
Glover F S—f
Goddard & Wiedrick—f
Goodell G L—f
Goodwin B—f
Grassi & Bolds—f c
Habersham E & Co—f
Halvor-Deering Co—f c
Hansen C W—f c
Harmon E L—f
Hart Frank E—f
Hartman & Thompson—f
Hastings C W—f
Hatch E B—f
Herrin D C—f
Hewett Henry & Co—f c
Holbrook F B Co—f c
Holcomb Realty Co—f
Hooker & Hill—f
Hulbert & Blanford—f
Hutchins & Therkelson—f
Ins Service Co—f l c
Johnson F M—f
Johnson H L—f
Johnson Realty Co—f
Jones B W—f
Jordan Thos A & Co—f
Katz A D—f
Kavanaugh W C—f
King W H & Co—f
Knowles Edwin C F—f

Lambert A W & Co—f
Lamping L F & Co—f
Leslie Lloyd—f
Lockwood S P—f
Long E C—f
Lovejoy J A—f
Lumber Insurers General Agency—f
Lyman & Co—f c
McAllis J G—f
McCarger, Bates & Live—f l c
McCarthy Chas V—f
McClure W C—f
McCord J A—f
McDonald W P & Co—f c
McGuire F L—f
McKinzie & Co—f
Malcolm P S & Co—f
Mallory & Co—f
Mankin W R—f
Mann N M Co—f
Manner Jas & Co—f
Martin & Campbell—f c
Mecklem H—f
Mendenhall T J—f l
Metzler J B—f c
Moore L M & Co—f
Morgan, Flidner & Boyce—f
Mottet & Co—f
Muellhaupt O W T—f c
Nielsen & Parkhill—f c
O'Bryan Harvey—f
O'Donnell J F—f
Ogden Jos D—f
Ogilbee J W—f
Oppenheimer J L Agcy—f
Osburn J R—f
Page W L—f c
Palmer-Jones H P—f
Parsons E—f
Pauer John—f
Peters L H—f
Pettis-Grossmayer Co—f
Pittinger & Younger—f
Providence Trust Co—f c
Prudhomme H C—f
Rawlings L V—f
Realty Associates—f
Reed Jas S—f
Rodgers Geo S—f
Rodgers-Hart-Gibson Co—f c
Rosenblatt Gus & Co—f l
Rothwell A S—f
Rubin B W—f
Salomon Louis & Co—f c
Samuel L—f
Sargent C P—f
Schalk & Graham—f c
Scott & Beasley—f
Seeley & Co—f c
Shoat P H—f
Sifford B A—f
Simms & Whiton—f
Slauson A B—f
Slitz & Bliss—f c
Smith & Everett—f
Smith Frank E & Co—f
Smith Neil—f
Snider R A—f
Steger S—f
Stevenson D H—f
Story Geo L—f
Suren & Bernard—f c
Swivel T J—f
Taylor J A—f
Taylor E C—f
Taylor, Young & Co—f
Terry & Harris—f

Thomas G H—f
Titus & Co—f c
Van Fridah & Efinger Co—f c
Vincent S D & Co—f c
Wakefield, Frees & Co—f
Wallace E J—f
Wallace G L & Co—f
Ward H H—f
Ward T A—f
Webster J L & Co—f
Wells J L Co—f
Wells & Maguire—f c
Weston C H—f c
White I L—f
Whitmer Kelly Co—f c
Wilder Bros—f
Wiley & Allen—f
Williams W A—f
Wood Jas McI & Co—f c
Yoke R L—f

ROSEBURG

Benson E C—f
Burleson M C—f
Douglas Abstract Co—f c
Ewert E N—f
McClintock & Geddes—f
Marsters R W—f
Moon W J—f
Rafferty T A—f
Rice & Rice—f
Richardson W H—f c
Stewart F G—f
Whipple R L—f

SALEM

Bechtel & Co—f c
Belle H S & Co—f c
Boise R P Jr—f
Bowen Mr—f
Burghardt & Meredith—f c
Dyer W C—f l c
Ford T K—f
Gages A H—f
Johnson H A—f
Lafair & Bolinger—f c
Laurendine F A—f
Liston W A—f l c
Martin C F—f
Moir John—f
Moore A N—f
Radcliffe A J—f
Radcliffe H S—f
Ryan R R—f l
Scott John H—f c
Smith Homer H—f l c
Thielson & Roland—f c
Wood G A—f c

THE DALLES

Ehrsam & Litfin—f l
Ellis Mrs C R Co—f l c
Fuller C E—f l
Greene H E—f l c
Hostetter & French—f l
Hudson Land Co—f c
Hudson T A—f c
Mills W E—f
Seufert Arthur—f l c
Vogt Max A—f l c
Whealdon N—f c

WASCO

Barnett W M—f c
Howell J R—f
McCoy-Atwood Co—f l
Wasco Warehouse & Milling Co—f l

PENNSYLVANIA

ALLEGHENY

Allison T & Co—f l
Armstrong H W—f
Blackstone H B—l
Blattner L—f
Byron Edw—l
Dollhopf C—f l c
Dyer J M—f
Fester & Kirchler—f l c
Ford Lafayette—f
Hart H—l
Hay W A—f
Hendricks John—l
Hess A E—f
Lang E G—f
Leonard T W—l
Mendel H C & Co—f l c
Munn C H—f
Nichols James—f
Orth G C—f l
Pearson & Fries—f
Scott W L—f
Testor & Horner—f l
Waldschmidt Fred—f l c
Walter H—f
Writershausen C F—f

ALLENTOWN

Arfman Arthur—l
Bachman Chas R—f
Barber C A—c
Bender Edward C—f c
Berkemeyer L F—f
Bickley Geo T—l
Bodin A W—l
Bogh Alfred—c
Bott James—l
Bourne & Durham—l
Bower Wm F—f
Boyle Geo—f
Brown & Koch—f l c
Brown James M—l
Carpenter Mark—l
Dengler H S—l
De Rose C W—l
Desh E E—f
Diehl F A—l
Dilcher C J—f
Dresher F C—l
Eckert & Son—f l c
Eisenhard C W—f
Erdman H E—f c
Faust J J—c
Gackenbach E N—f
Guarantee Title & R E
Co—f
Hardner Geo H—f
Hartzell John S—f c
Hausman W H—f
Helfrich & Geary—f
Heller L L—f
Hittle J J—f l c
Howell W J—c
Huffman W S—l c
Jacobs Frank—c
Jones Guy R—f l c
Keech D Hayes—c
Kern Agnes A—l c
Kester Edw J—l
King J B—c
Kissinger Realty & Ins
Co—f c
Kleckner Francis—f
Kline & Kratz—f
Koch Chas—c
Kohler V Z—f
Koons Clement N—f l c
Kratz & Peters—l
Kressler A H—f l
Kurtz H J—f
Kuti Martin—c
Laros Chas W—f
Lent Louis B—l
Lerch Danl—l c
Lett Stephen—f l c
McKean Jas—f
Metzger Ralph—l c
Miers Wm D—f c

Miller E S—c
Miller Fred C—f
Mohr H W & Son—f
Nagle David J—f c
Newhard J H—c
O'Donnell J J—l
Pavey Chas—l
Peters W A—c
Phillips & Woodring—l c
Ramsay J L—l
Reinsmith M A—f c
Reissinger M—c
Rice E W—f
Ruch D M—f
Ruch W A—f
Ruhe W F—f c
Schaffer Geo N—f
Schantz M P—c
Scholl Theo J—f
Schiffert R L—f
Sepp J W—f l c
Shaffer T N—l
Smith Ezra H—f
Smith & Michael—f
Smith S R—f
Speer S C—l c
Spong W H—l
Stettler F J—l
Thomas John M—c
Troxell N L C—f l c
Truchses Harry E—f
Unangst M B—c
Wasser W H—f
Webb James W—f
Williams J P—f
Wootring P D—c
Yingling H B & Son—f
Younken A L—l
Ziegler Claud—f

ALTOONA

Bowles K H & Co—f c
Clark A B—f
DeSouza R H—l
Dickey W K—l
Feltwell F A—f
Fluke R E—f c
Gable J E—f c
Goas Mary L—f
Hall John—f c
Humbert C A—c
Leopold L E—f c
Kelly P H—l
Mock D G—l
Plack Bertram—f
Rudisill Geo—f c
Seads H J—l
Stahl J B—f c
Swengle J R—l
Tillard Paul V—l
Winter L A—f

APOLLO

Beamer W S—f
Gallagher J E—f c
Gosser N H—f
Jackson Chas G—f
McLaughlin R M & Co
—f
McNees S G—f
Wolfe A S—f
Wray Ira J—f

ARCHIBALD

Bishop John A & Son—f
Kearney Jas F—f c
Lofft Thos W—f

ARDMORE

Ardmore Insurance Agcy
—f c
Buckley Geo A—c
Chambers Wm W—f c
McCurdy J C—f l c
Warner Ralph N Jr—f c
Watts J Elmer—f c

ASHLAND

Barron T F—f l c
Burke Chas P—c
Daley W J—l
Garner A B—f
Garner J C & Son—f c
Kent Scott—l
Landefeld C H—c
Lessig Jacob—f c
Marshall H S—c
Reiss Foster M—l c
Williams & Gearhart—f c

ASHLEY

Jones Iago—f
Lenahan P J—f l
Newhart J B—f
Schwab John Agency—f l
Williams T—f

ATHENS

Campbell Eugene C—c
Barrett L H—c
Decker F E—f l c
Harris F K—c
Hill F H—l
Hull C F—f
McKinney J E—f c
Mills & Shrier—f c
Post Chas K—l
Riggs L J—l c
Sairs F G—f
Shaw L F—f
Tidd C W—f c

AUSTIN

Baldwin F E—c
Collins M C—c
Dow Allen—c
Page H E—c
Underwood C B—c

AVALON

Caddick W A—l
Caulkett Harry—l
Irons James H—f
Kuester Albert C—l
Parker S H—f
Young Frank N—f

AVOCA

Aikman Chas—l
Connolly & Wallace—f
Devers P F—f
Gilhooley Jas—f
Ham Wm—l
Lower G W—f
Reap John R—c
Salmon George—f c

BANGOR

Burrard E P—f c
Delp Saml E—l
Jones M H—l c
Jones R P—f
Kichline T J—f l c
Leh George—f l c
Lindeman W H—f l c
Miller M V—f l c
Raesly S E—f
Roberts Wm G—l
Speer & Reagle—f c
Stoffet J E—f l c
Vanatta William—l

BEAVER

Anderson H D—l c
Bell D B—l c
Bovard & Anderson—f
Harper & Hughes—f c
Hughes C L—l
Hurst A C & Son—f c
Miller S B—l
Poe T E—l
Singleton E H—f
Standley & Stewart—f l
Standley E M—l

BEAVER FALLS

Barratt & Cloese—f
Blair John—l
Chisholm Jas H—f
Cook Will R—c
Corbus Edw T—c
Covert T Frank—c
Federal Ins Agency—f c
Frazier James B—l
Galton Wm C—f c
Hawkins Harry F—f c
Heidenreich Henry W—f
Herman Foster—l
Hoffman W A—l
Irvin Richard O—f c
Kerr Jesse L—l
Lewis O S—l
Lewis V P—c
Leyda E R—f c
McCreedy Mrs Mary E—
f l
McGaughey M L—l
Mai Fred J—f l c
Pangburn & Martin—f l
c
Prudence W—f
Ramsey C N—c
Reeves & Meerman—f c
Ruhe Chas—f
Starr Geo G—l
Strang J A—l
Sturgeon & Wallace—f l
c
Swift C F—l
Trotter Robt—l
Todd B B—f
Up De Graph D—l

BEDFORD

Cessna J Roy—f l
Cuppert J P—f l
Gailey John W—f
Lysinger Wm S—f l
Minnick & Co—f
Mock Wm—l
Reed Wm—f l c
Roberts J C—l

BELLEFONTE

Fenlon H E—f c
Gray John F & Son—
f l c
Hunter R F—l
McCargar J S—l
Malin W E—l
Musser W H—f l c
Rankin W B—f l c
Walker Miles W—l

BELLEVUE

Breading Jno C—f
Croslie E M—c
Jenkinson Richard D—f c
Schlied Theo—f
Thornhorst Geo—l

BERWICK

Evans J L—f
Evans J W—f l c
Harter G W—f
Jacoby L S—f c
McAnall & Co—f c
Smith Adam—f l
Thomas W—l
Vought W C—f c

BETHLEHEM

Barres O M—l
Bartholomew E D—l
Borhek M A—f
Faust Jas D & Son—f c
Fink & Shonk—f c
Fulmer Ed—l
Grim Geo H—l c
Kunsman-Buchman—f
Kurtz Robt—f
Leibert R W & Son—f

Leibfried L F & son-f
Lilly & Funk-f 1 c
Lilly W S-f 1 c
Mitchell W S-f
Ott R B-f c
Reed A Geo-f
Taylor S Robert-c
Welker C Warren-f c
Wooding & Roberts-f 1 c

BIRDSBORO

Cross T Frank-f
March H Linton-f 1
Sponagle John-f
Yocom & Bro-f

BLAIRSVILLE

Clawson G L-f
Graff E-f
Stitt W H-f
Wineman S G-f 1 c

BLOOMSBURGH

Barton H-f c
Campbell D W-f 1 c
Lutz M P & Son-f 1 c
Maize J H-f 1 c
Nagle C F-f 1
Peacock S F-f 1 c
Skeer Joseph-f 1 c
Vannatta Sade-f 1 c
Wirt C F-f
Zehner & Maust-f

BLOSSBURG

Smith F B-f 1

BOSTON

Douglass W L-f 1 c

BRADDOCK

Balridge C R-f
Burd E M-f
Clifford J M-f 1 c
Ebdy & Ketter-f
Heath W S-c
Lewis & Walker-f c
Nugent E D-f c
Remington P D-f
Stewart S E-f
Stroud Edw A-f c
Stroup D W-f
Stokes C A-f c

BRADFORD

Barber Frank J & Son-f 1 c
Bauer Robert-f 1 c
Boardman A M-f c
Costello T E-f 1 c
Douglass A J & Co-f 1 c
Finney L M-f
Gillis A-f 1 c
Healy D T-f 1 c
Hooker C M-f
Paton & Wheeler-f 1 c
Roberts & Co-f 1 c
Schiefflin Jacob-f 1 c
Shambacher Chas H-f
Slack F E-f
Slocum Frank-f 1 c
Smith Agency-f 1 c

BRISTOL

Blanche James F-f
Booz Wm H-f
Brooks Jas H-f 1
Brown W M-f
Bvers Francis J-f
Gilkeason & James-f c
Hellyer Maurice-f
Kraft Fred I-f
Laing William E-f
Leigh Edward L-f
Lovett J E-f
Maule John C-f
Scott Thos-c
Stuchert & Eastburn-f c
Taylor David O-f

BROOKVILLE

Brosius H H & Son-f
Brown Bros-f 1 c
Haines Perry F-f 1 c
Henry W A-f 1 c
Kaup Fred-f 1 c
Lucas W H-f 1 c
Shaffer W J-f 1 c
Stewart J B-f 1 c

BROWNSVILLE

Bush J K-f 1 c
Chalfaut Fred J-f 1 c
Garletts C C-f 1 c
Lenhart Geo W & Son-f 1 c
Scott Asher A-f
Snowdon J H-f 1 c

BUTLER

Abrams & Dale-f 1 c
Beihl Geo C-c
Brandon J E-f 1
Christley & Baker-f
Citizens Ins Agency Co-f
Crawford W F-f
Douglass C H-f
Evans Walter-f 1 c
Findley A L-f 1
Funkhouser O C-f
Golden W B-f 1
Graham John-f 1 c
Hazlett & McCullough-f 1 c
Hutchison J W-c
McCall R L-f
McGrath-c
McJunkin L S & Co-f 1 c
McNeely B M-f 1 c
Marshall J E-f
Miller W H-f
Miller Wm K-f
Purdum W M-f 1
Shaner M R-f 1 c
Stauffer H A-f
Sutton D H-f
Tebay Wm C-f 1 c
Voelker Wm-f 1 c
Vogley Theodore-f 1 c
Walker & McElvain-f 1
Watson & Ferguson-f
Wright M F-f

CALIFORNIA

Baker & Jackman-f c
Drum C H-c
Myers J B-f 1 c
Underwood T J-f

CANONSBURG

Barnett G Lizzie-f
Black W C-f 1 c
Gowers J W-f
Isherwood Ernest-f
Kelso B M-f
McClelland L John-f
Olloman Walter-f 1 c
Wilson John R-f

CANTON

Brook Lee-c
Cleveland E J-f 1 c
Innea Edward-f 1 c
Knise G F-f 1 c

CARBONDALE

Baker W R Agency-f 1 c
Bridgett John-f c
Campbell Jas-f 1 c
Couch Insurance Agency-f 1 c
Gardner M A-f 1
Gehen Insurance Agency-f 1 c
Hughes Geo W-f
Lathrope Ins Agency-f 1 c
McDonough P-f 1

O'Hearn J-f c
O'Maley J-f
Pugliano Gabriel-f 1
Ress David-f 1
Shannon J B-f 1 c
Shepherd Bros Day & Night Agency-f 1 c
Stoddard Eugene-f 1
Tiffany A E-f c
Williams & Likely-f 1 c

CARRICK

Carberry Thos A-f
Hogmeier C H-c
Kaufman Edw J-f c
Sacher F A-f c
Saitz & Wagner-f c
Stolzenback Albert H-f
Werner Jos A-f

CARLISLE

Cornman W H-f
Eckels John C-f 1 c
Eyler Wm M-f 1 c
Gerhart Fred-f 1
Humrich Chas F-f 1 c
Keeny Chas D-f 1 c
Keeny J M-f 1 c
Liggett Clarence M-f
Logan W B-f
McCommon Miss Annie S-f c
Miller W E-f 1
Minnich Chas O-f
Ogilby William-f
Sellers F B Jr-f
Shearer R E-f c
Shepler W H-f 1 c
Vankirk J H-f
Ward H A-f
Yates Allen W-f 1 c
Yeates Elmer-f 1 c

CARNEGIE

Beresniewitz Jos-f
Bigham H R-f
Burgan R P-f
Clary P T-f
Dietrich A-f
Edwards Geo-c
Ende Oswald-f c
Hammill Jos H-f
Hoffman R D-f
McMillan A W-f
Myler S O-f
Portman Edw F-f c
Reingrover Harry-f
Rosser Geo-f
Sossong Wm F-f
Stifter Frank-f
Walter L H-f c

CATASAUQUA

Glick A A-f
Koons A F & Son-f 1 c
Koons Albert A-f
McNally P J-f
Ulrich Chas N-f

CATAWISSA

Kline Chas S-f c

CENTRALIA

Porter John W-f

CHAMBERSBURG

Auxt Geo A-f
Bollinger E E-f 1 c
Farrester Chas D-f c
Ganoe & Long-f 1 c
Ganoe H B-f
Gillan Arthur W-f
Gore U H-f c
Haller Frank-f
Hoerner W S-f
Hoke Chas E-f
Huber Samuel F-f
Hutton & Finney-f 1
Lafferty Alex-f 1
Linn Harbaugh-f

McDowell Jno C-f 1
McNulty H B-f c
Minchart T Z
Orr C M-f 1 c
Orr Frank-f 1 c
Peters & Heintzelman-f c
Rice John D-f
Shade Jas-f
Strite J A-f
Wingert Isaac-f

CHARLEROI

Blythe I R & Son-f 1 c
Brady Fred W-f c
Brumbaugh J K-f
Charleroi Savings & Trust Co-f c
Clerhue Fred-c
Daley K W-c
Duprez P J-c
Flickinger L P-f
Hastings E W-c
Helper J A-f c
McKean John C-f
Mathews C J-f
Patterson J-f
Risbeck George W-f c
Riva Frank-f
Trew C R-f c
Williamson T D-f c

CHESTER

Chester Real Estate Co-f
Crowley John F-f
Crush Wm-f 1 c
Dowling & Co-f
Fox B C-f
Goff Wm N-f
Gray & Co-f
Harvey Geo B-f
Hines E J-f
Jones Henry W-f
Lear & Worrlon-f
Lewis & Hopkins-f
Lutes Roland P-f
Lyons Samuel-f
Marker W B-f
Miller H S-f
Mirkil John H-f c
Morlock John-f
Palmer Charles-f
Pennington Samuel-f
Robinson H G-f
Smith Hy V-f 1 c
Smith Lewis J Jr-f
Sweeney & Clyde-f c
Temple J H-f
Ward Wm Jr-f
Witsil J Horace-f

CLARION

Brown Fred V-f
Collner W F & Sons-f 1 c
Fox Chas-f 1 c
Frampton B H-f 1 c
Kaufman M M & Louis-f 1 c
Laughlin S S-f 1 c
Mohney F M-f 1 c
Wilson & Clough-f 1 c

CLAYSVILLE

Hancher D B-f
McLain J R & Co-f
Noble J H-f
Rosel David W-f

CLEARFIELD

Barclay John C-f 1 c
Chase E B-f
Fulford & Fulford-f
Hagerty W A-f
Helmhold & Stewart-f 1 c
McGrath & Moore-f 1 c
Urey Frank & Bro-f

COATESVILLE

Behney Jno I—c
Cook W S G—f c
Davis Chas R—l
Gordon Wm T—l
Greenwood Samuel M—
f c
Harris W K—c
Hoopes Arthur—c
Hughes Wm H—l
Kacy Geo C—c
Landis R E—f
Meyer G L—l
Moore Thos Y—f
Smith Wm J—l
Spackman & Masters—f
l c
Stansbury Paul S—f c
Tucker R S—l
Yearsley A R—f c

COLUMBIA

Berntheisel Cleon N—f
Bruner Alfred C—f
Fondersmith H A—f
Garber Roy K—f l c
Given Frank S—f
Greene A H—c
Kehoe Andrew F—c
McCracken Samuel—f c
Meiller E R—f
Meyers A W—l
Musser Wm S—l
North Hugh M—f
Oberdorf C H—l
Reinhart Chas A—f l c
Senft J E—f
Sload John F—c
Smith M J—l
Wheeler W P—f
Wisler John B—f
Zeamer J H—c
Ziegler R E W—l
Ziegler Mary F—f

CONNELLSVILLE

Davis John—l
Dick Paul—f l
Gallagher J—l
Goldsmith Henry—f l c
Hood Sam F & Co—f l c
Kramer K—f l c
Porter J D—f l c
Sellers E—f l
Shaw & Barner—f c
Soisson J W—f c

CONSHOHOCKEN

Campbell I H—f
DeHaven Geo—f
Desimone C A—f c
Heywood H B & Bro—f
Kirkpatrick A—l
Koch G W—l
Light Geo M S—f l
Meyers Wm F—f
O'Brien C—l
Rafferty Geo—l
Reppert Wm
Robinson John—l
Schlichter J W—l
Tracy H M—f

CORAOPOLIS

Anderson Harry—f
Baldwin M R—f
Gaugloff Fred G—l
Guy A D—f
Hamilton C B—l
McKown Robt P—l
Mann Chas F—c
Neeley Geo S—f
Stevenson Chas H—f
Taylor Jas S—f

CORY

Auer Harry—f l c
Coyle M F—l c
Davis Foster E—f l c
Davis J B & Son—f l c
Duffy W H—f
Marsh W Ed—f c

Monroe C S—l
Morgaridge W W—f l c
Nantes J O—f c
Palmer R E—l
Palmer R H—f l c
Postlethwait Wm—f l c

COUDERSPORT

Dinehart F E—l c
Van De Boe C D—f l c

DANVILLE

Ammerman C V—f
Ammerman W H & Co—
f c
Cormon Edw W—f
Derr Frank C—f l
Edmonson D E & C F—
f c
Farnsworth Miss F—f c
Jacobs W Fred—f l c
McCoys S A—f c
Ricketta S F—f
Sidler W L—l
Vincent Henry & Son—
f c
Welsh & Rogers—f
Williams D R—f l c
Williams Wm J—f

DARBY

Cassel L B—f
Hallas Jos Jr—f
Hibert W J—f c
Swope & Sons—f c

DERRY

Austraw L M—f
Bennett H M—f c
Buel T N—l
Kelly F H—l
Mowry D A—f l c
Nicholson John M—f l
Utts Warner—f

DOWNINGTOWN

Carr J G—l
Connell John—f
Griffith & Son—f
Johnson J H & Son—f
McClure Fred W—l
Tigue Michael—l
Walton Arthur—l
Wills J Hunter—f
Wise George—l

DOYLESTOWN

Anders Asher K—f
Bean Oscar O—f c
Eastburn Arthur M—f
Franklin Titus—f
Freed J R—f
Gargus I B—l
Harris Henry O—f
Hill Geo C—f
James Henry A—f
James Irvin M—l
James Wynne—f
Mason Wm—l
Nightingale & Vanarts-
dalen—f l
Wall Willis—f

DU BOIS

Anderson & Miller—f l c
Bowersox J A—f
Carey Thomas—l
Charles John—l
Ford W R—f c
Hatten Walter—f l c
McGinniss Andrew—l
Neff Dorsey—f
Rodgers C W—f l c
Rogers John P—f l c
Seyler J K & Co—f c
Shaffer Broe—f c
Shaffer & Gleason—f l c
Stockdale Geo A—f l c
Titus B C—l
Wintermantel L C—l
Wischmeyer W A—l
Woodring Gideon—c

DUNCANNON

Kline M E—f
Pennell Frank—f
Rife R Jones—f c
Smith Wm H—l

DUNMORE

Allen G W B—f l
Boland T E—f
Gilligan Jno J—f c
Horan A J—l

DUQUESNE

Conlin M G—f
Davis Jno R J—f
Dell Wm F—f
Fisher F J—l
Gerdtz F—f c
Granger W L—f
Howard F M—l
Long P J—f c
Pitts Arthur B—f c
Reed W E—f
Shaw Jos—f

EAST CONENAUH

Brallur W J—f
Cooney H J—f

EAST MAUCH CHUNK

Engler Frank—f
Lindensmith Theo—f l
Loose J C—f
Mulhearn John B—f l
Riegel D—f

EASTON

Alsover & Weise—f
Armstrong Russell H—f
Brader Harry—f
Brewer & Aagaard—f l c
Brunner & Brunner—f l
c
Buckley & Co—f
Chidsey John R—f
Clemens & Pearson—f l c
Cunningham John—l
Deichman & Son A S—
f l c
Francisco W R—f
Hackett & Chidsey—f l c
Howell E Stanky—f c
Jones Frederick—f
Kichline & Riegel—f
Kolb Reuben—f
Landenberger Charles W
—f
Lawall E S—f l c
Lennox Geo—f
Lerch R H—l c
McKeen & Son—f
Noble John S Jr—f
Oldt C F—l
Richards A N—f l
Shawde E H—l
Shimer Frank—f c

Smith F P—f
Snyder & Brown—f
Stewart Frank W Jr—f
Tonkin Wm—l
Werkheiser M F—l c
Weller George—f
Wells J L—f
White Wm L—l
Wilson C F—c

EDWARDSVILLE

Davis Daniel T—f
Evans & Evans—f c
Evans J D—f
Thomas Wm R—f

ELLWOOD CITY

Butler Roy—f
Covalt M A—l
Douds Sam—f
Hancher H H—f
Hartman H E—f l c
Henderson Brand—l c
Johnston Howard R—f l
c
Liebendorfer H F—f
Ramsey W K—l
Seipel M R—f
Vogt Geo I—f l

EMPORIUM

Grant Allen—f
Hackenberg Mrs Wm—f
c
Haupt H O—f l
Judd F G—f l c
Leet F D—f
Wells Mrs E T—f

EPHRATA

Buch J M—f
Engle F E—f
Evans Jos T—f
Frankfort H G—l
Jacoby F G—f
Lewis Eliroy—l
Mohler Harry R—c
Royer John—l
Smith Jacob—c

ERIE

Aitken A N—l
Allison R J—l
Austin C F—l
Baumbach C H—l
Baker S M—l
Banks W L—f c
Betts G E—l
Brooks Clarence—f l c
Brown J F—l
Clapper F H—l
Crowe E—l
Cole W M—l
Deckard J R—c
Dench C R—f c
Dickey J M—l
Dougherty M T—c

DOWNING & DOWNING
INSURANCE
COUNSELORS AND UNDERWRITERS
OLDEST AGENCY IN PENNSYLVANIA
ESTABLISHED 1852. NINTH AND PEACH

WE REPRESENT THE

Home of New York
London Assurance
National of Hartford

Phoenix of Hartford
Pennsylvania
Springfield

Drown S H-f c
Durfield J H-f c
Eichenlaub E J-f c
Fisher E S-c
Foley F F-l
Folsom G I-l
Frank Geo K-f c
Gebhardt G J-f
Grove J C-c
Hagenlocher Chas-f c
Hamberger John & Son
-f c

Harper & Russell Co-f c
Harper W W-l
Harrington W T-l c
Hayes Wm P & Son-f c
Hemphill T M-f l c
Howell R H-l
Hughes R W-l
Humphrys B C-l
Jackson F T-c
Johnson H C-f c
Joy A C-l c
Kessler Henry-l
Kujawski & Glowacki-
f c

Laird Thos-l c
Leonard W E-l
Lowry F E-f c
McKnight S J-f
Mellenbacker J-c
Miller H C-l
Miller John-f c
Morrison A G-l c
Morrison T M-c
Morse M G-l
Munger H L-c
Nash W M-l
Norris J E-l c
O'Keefe J R-l
O'Younghaus H J-c
Randall E F-l
Riley W H-l
Roberts R L-c
Robinson W J-f c
Rosenzweig Isaac-l
Schlaudecker Frank &
Son-f c

Scott Walter & Co-f l c
Shirley J S-l
Smith H G & Co-f c
Stachowski Lorenz-f
Tupper G A-c
Uhler F B-l
Veit Bernard-f c
Wadsworth & Flickinger
-f

Moxey & Mazuchowski-
f c
Walsh M J-f c

FRACKVILLE

Anstock L C-f
Evans David-l
Ewans Robert-f
Hartzog Chas-f
Hicks Roy P-f
Reed Thos M-f c
Yost Christian-l

FRANKLIN

Chadwick & Myers-f l c
Dale Isa H-f l c
Daubenspeck G A-l
Findlay & Fleming-f l c
Franklin Ins & Real Es-
tate Exchange-f l c
Fry G B & Co-f l c
Galbrath C R & Co-f l c
Henderson John-f l c
Henderson M R-f c
Lamberton Harry-l
Officer Henry W-f l c
Shettler Edward-l c
Smith Henry W-f l c
Smith Ins Agency Inc-
f l c
Walker Robt-f l c
Wilson James-f l c

FREELAND

Hayes Mrs S E-f l c
McCorran Wm H-l
Reagan Jas M-f
Stroh Chas O-f c
Woelfel M E-f c

FREEPORT

Barrett & Llewelyn-f c
Clark S F-f
Findley & Taylor-f

GALETON

Allen W D-f l c
Batz Wm G-c
Brion Saml-c
Crowl P E-c
Hazlett Bert-c
Lush Wm H-l
Martin R T & H D-f c
Richmond Colin R-f c
Taylor Chas B-f c

GIRARDVILLE

Carey A J-l
Connors Thomas-f
Hamlin Irvin-l
Lavelle John-f c
McGinnis Harry & Bro-
f c
Mirvine Harry-l
Murphy Thomas J-l
Weller Henry J-f c

GLASSPORT

Corcoran Thomas-f
Coursin F H & G W-f
Griffin V E-f
Pitts James H-f
Webster M J-f

GREENCASTLE

Clippinger C H-f
Davison W R-f
Fletcher L H-f l
Light J H-f l
Patton W J-f c
Ruthrauff Miss Lillian-f

GREENSBURG

Bair & Lane-f l c
Blase Ben-l c
Caldwell S W-f
Clark Jno E-f
Faust Bert-f
Felton & Leisure-f c
Foight C C-l
Greensburg Realty Co-
f c
Griffith E C-f c
Kennelly Frank-f
Lyon R A F-f c
McWilliams J L-f
Martin A E-l c
Menocker Frank-f l
Pletcher William-f l c
Potts D A-f
Scheibler H S-f
Shearer Ed-f
Shoemaker C J-f
Smeltzer H J-l
Strickland Mrs-l
Taylor C E-l
Tracy & Shaulis-f
Vance Glenn G-l
Watt & McDowell-f l c
Webber B S-l
Weldin J R-f l c

GREENVILLE

Batteizer F A-f
Burnett O J-l
Downs S D-l
Gillespie S A-f l c
Henry L H-f l
Houpt J R-l
Kan Martin-f l c
Kreps W A-f

HAMBURG

Bear Geo W-f l c
Dalious Thomas J-l
Hoffman Sol K-f
Kiss Wm C-f
Miller Ed J-f
Miller Robert-l
Raubenhold W M-f
Sheridan Chas-f
Zettlemeyer Geo W-f

HANOVER

Bair G Milton-f l c
Bair John G-l
Bange H M-l
Bastian S T-f
Bishop Edwin-l
Bowersox R E-f
Brough John H-f c
Chrostwaite Thos F-f
Fischer J W-f c
Hart Robt-f
Hollinger & Bro D Guy
-f c

Kling Amos-f l c
Nissly Alvin R-f c
Ruth A S-f c
Stark Geo W-l c
Witmer Isaac-f c

HARRISBURG

Adler Charles-f c
Affleck J A & Co-f c
Backenston Real Estate
Co-c

Bales & Son-f
Batdorf I J-l
Bell J H-f
Bennett Wm B-l
Bird H B-f c
Bowen Chas R-l
Boyd H H-l
Britton Packer Co-f c
Bushnell W F-f c
Bushnell W H-l
Carl Robt A-f
Caswell Irwin M-f
Caveny S B-f l
Commonwealth Ins Agcy
-f c

Cook Robt F-f
Cordy W H-l
Cullmerry G L-f c
Dapp J E-f
Dare E O & Son-f c
Dreher F J-l
Eckenrode John W-l
Essick W S-l c
Etter George E-f
Fackler J G-l
Fager E J-f l c
Finton J W-f c
Fitzgerald S W-f
Fletcher & Magee-f c
Fought M A-f
Freeburn H H-f
Friedman S-f
German J W-l
German O-f
Gipple J E-f c
Grove J L-f
Hammond & Bailey-
f l c

Hammond W B-l
Harter A H-f
Heathcote J-l
Hershey C M-f
Higgins C H-l
Hoffman R W-f
Holler A L-f
Hoster A W-l c
Johnson John C-l
Jones William-f
Kenney B W-l
Kough, Brightbill &
Kline-f c
Leib Frank R & Son-
f c
Liesmann F W & Son-f
Maloney J H-f c
Marshall J A-l
Mead A C-l
Metzger J B-f c
Miller A S & Son-f c
Miller Bros & Baker-f c
Miller L-l c
Moore W H-c
Morrison J R-l
Musser J H Son-f
Neale H T-f l
Nicholas J B-f
Orcutt C H-f
Orr J C-f c
Orth Henry C-f l c
Oves H F-f c
Pennsylvania Ins Exchg
-f

Rettew C Vernon Co-f
l c
Robison W M-f
Rockefeller T J-f
Rohrer J F & Son-f
Shaefer H J & Co-f c
Spangler Mr-l
Suydam Franklin-l c
Swengel A W-f l

Established 1866
E. L. WADSWORTH & CO.
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30 East Ninth St, Corner French, ERIE, PENN.

Liverpool & London & Globe, (Liverpool); German-Amer-
ican, (New York); Northern, (London); Royal, (Liverpool);
Westchester, (New York); Phoenix, (London); Queen of
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WADSWORTH & FLICKINGER

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EVERETT

Barndollar M D-f l c
Eichelberger Frank-f l
May Geo B-f l
Richey Geo W-f

FORD CITY

Klose A-f
Goldman D A-f
Reisgen Walter E-l
Steiner Julius-l
Wilson A L-f l c

FOREST CITY

Gardner F M-c
Gardner Gerritt E-c
Grander Dr F L-f

GALLITZEN

Conrad H E-f
Dingwall & Fredericks-
f c
Morris Wm-l

GETTYSBURG

Dougherty & Hartley-f
l c
Eckenrode Robert-f l
Fissell Geo-f l c
Nau Calvin-f
Stallsmith J Frank & Co
-f
Weaver E A-f
Winter Martin-f l c

PA.—Harrisburg, Con.

Teats D A—f
Waubach W C—l
Wengert W A—f
Wert A A—l
Wright F L—l

HAZLETON

Andreuzzi Frank—f
Augustadt C B—l

Bates Estella Engle—f c
Benner Ezra A—f
Benner R K & Co—c
Benner Twin Agency—f

Berlin E E—c
Biscomb B—f l c

Bonner John F—l
Boyle Jas J—f

Breihof D B—f
Brobst Homer—l

Cannon Frank—f
Ciotvia M—f

Clark Geo R—f
Costello J P—f

Curcio N M—f
Dryfoos Henry Jr—f c

Emmerich L O—c
Fallon Peter F—f

Fetteroff J F—l
Fierro John & Co—f

Gough John J—f
Gregory Jno J—f

Harris Phil—f c
Hastings & Hastings—f

Heidenreich Bros—f
Helmes C Dee—f

Helmes C E—f c
Hill C F—f c

Hill C Willard—f c
Hughes J J—f l

Hutchinson Hiram—f c
Jones Joseph H—f

Jones S E—f
Koehnig M F—l

Lahn Jacob H—f
Langbon O J—l

Long M—f c
Luzerne Ins Exchange—f

McAllister A T—f
McAvoy W M—f

McCullough John S—l
Mann Ira—l c

Mans G W—f
Margwarth W H—l

Martin Mac—l
Mulhall John J—f

Murphy P H—l
Perry W C—f

Pippert Harry—f
Powell W M—f

Reilly David—l
Schumacher Geo—c

Schumacher Mrs J F—l
Sharpless John R—c

Shuman A E—f
Shutter John & Son—f c

Sippel Frances—f
Smith Abner—c

Tarryton O J—l
Taylor & Clark—c

Thomas A D—l
Treasler Jacob D—l

Whittaker T J—f l c
Wilhelm John—f

HOLIDAYSBURG

Ackers John T—f l c

Cliber J W—f c

Drais John N Jr—f l c

Mentzer & Heller—f c

Smith Wm A—l c

Snyder Jno M—c

HOMESTEAD

Bainbridge Jno W

Beedle Bros—f

Crawford D J

Guckert Frank P—f l c

Hahn F J—f

Hobson C R—f c

Homestead Realty Co—

f l c

Hunter A J—f

Jones J B—f l

Kuhn James C—f

McCleery G W—f

Maloney John—l

Miller J Clyde—f

Mulhearn Thos—l

Oeffner Lawrence—f l c

Tewksbury Emory H—f

HONESDALE

Baker W W—l

Bassett Chas L—l

Bentley Brothers—f l c

Bigart C I—l

Dodge Chas E—l

Farnham F C—f

Fasshauer Edward—f l c

Galliger Thos—l

Kraft & Conger—f l c

Krantz Wm H—f

Robinson J B—f l c

Schenck W P—f l c

Stone W H—f

Swoyer E A—c

Tingley Henry—l

Tolley F J—l

Welch J N—f c

HOUTZDALE

Carlin John M—lc

Golby Samuel—l c

Gorman Jas—l c

Harpester Wm P—f c

McGrath John B—f c

Sollins John—f c

HUNTINGDON

Dunkle J C—f

Iseberg B F—f c

Jackson J C—f c

Miller R Allison & Son—l c

Port J Clyde—f c

Shaffner A V—f c

Simpson J R & W B—f l

Swigart Harshbarger & Co—f l c

INDIANA

Beans Ins Agcy—f l c

Edwards T L—f

Fluke Wm C—f

Guthrie S W—l

King J R—l

Farnell, Cowher & Co—f l c

Stewart J T—f

Swenk N N—f

Thompson Ins Agency—f c

Timberlake H E—f

Wilson & Mabon—l c

IRWIN

Bertolina A—f

Datz Chas H—f

Evans G H—l

Gallagher & Gress—f c

Gregg Miss B—f

Irwin Realty Co The—f c

Keister Jos M—f c

Meerhoff H—l

Mangan J P—l

Patrick & Davis—f c

Schade Adam—f

JEANNETTE

Baum Earl V—f l c

Curry E C S Sons—f l c

Kelly & Martin—f l c

Miller M H—f c

O'Connell T F—f c

Schaeffer H S—f l c

Shuster W I—f l c

Tussey H C—f

JENKINTOWN

Ambler A B—l

Argue A K—f l c

Baker H B—l

Cottman W F—l

Delany Theo M—f

Gentry F S—f

Hinkle H—l

Hunsberger Jas W—f

Keller P Jr—l

Kirk Edwin—f

Lukens J W—l

Lutz R A—f l

McCann Geo H—l

McCann W H—l

Mather Chas—f

Michener H I—l

Nightlinger Benj F Jr—

Petersen L—l

Preston T A B—l

Renner A B—l

Ruddach Est J Walter—f

Siegrist Chas A—l

Stout C—l

Trank J G—f

Williams J A—l

Wright Chas D—f l

JERMYN

Barrett Homer—f

Davis Sumner D—f

Depew Frank L—f

Keifer H—f

Stoddard E A—f l c

JERSEY SHORE

Doane F C—f l

Martin James—f

Staver M L—f l c

Toner M Edward—f l c

Williamson Clate—f l

JOHNSONBURG

Gleason W S—f l c

Hinckley Corton—l

O'Donnell & Smith—f l c

Russel Jno—l

JOHNSTOWN

Baumer Herman—f c

Benford Harry H—f c

Blauch & Benashoff—f

Carter Jno W—l

Cauffiel Joseph—f

Comer & Co—f

Cox Mrs Jane—f

Cumbrian Land & Imp Co—f

Dickson John G—f

Felt E T—l

Ferrell S A—f

Fronheiser & Schuster—f c

Heilman J A—l

Howland Wm C—f c

Krise W S—f

Kyle D G—l

Mardis J S—l c

Millsap G W—f c

Ogle & Walters—f c

Opperman H L & Co—f l c

Roberts & Byron—f

Stenger John—f

Swengle W W—l c

Watkins Bros—f

KANE

Bunce W H & Co—f c

Gillis & Crossmire—f c

Kane Ins Agency—f c

Morse R D & Co—f c

White Wilber J—f l c

KINGSTON

Clouse H M—l

Crisman E L—f

Davis Charles E—f

Davis J R—f

Eggert G W—l

Evans George—l

Frace J F—f

Marcy J W—f

Murray J J—f c

Myers P T—f

Van Horn Wm W—f

KITTANING

Arnold Harry A & Son—f l c

Aye Augustus—f l c

Burns George—f l c

Fox & Stone—f c

Leard C K—f l c

Painter Bros—f l c

Pollock—f l c

Putney H E—f l c

KNOXVILLE

Bean Forrest E—f l c

Campbell T C—l

Grimes Jos F—f

Hitchcock A B—f c

White John C—c

LANCASTER

Barr Frank S—f

Bausman J A—f c

Benar S B—l c

Berger E H—l

Boyle Jas M—c

Breneman H R—f l c

Brubaker C H—l c

Carey W F—l c

Dehaven & Butts—f c

Diffenbaugh M H—l c

Eaby J S Son—c

Eckenrode Mr—l

Eckert L C—l

Eckert O S—l

Fehl J W—f c

Fisher John E—l

Forney J G—f c

Gantert H A—f l c

Groff Lemuel L—f

Harnish Thomas J—l

Herr A A & Co—f l c

Howell Henry N & Son—f c

Huber R E—f l c

Kohler & Brown—f

Landis A V—f c

Lancaster Real Estate Co—f c

Lichty C V—l

McGovern John—f c

Myers P K—f l c

Peoples John B—l

Raub I Galen—l

Reinohl Aug F—c

Reynold Geo K—l

Reynolds George N—l

Rife Jeremiah—f c

Sartin Geo—f l

Seitz I H—f c

Shirk F—f l c

Wenger D H—f

Widmyer Prangley Co—f c

LANSDALE

Addison C R—f

Beidler H H—f l c

Fretz H M—c

Johnson A D—f

Miller Chas H—f l c

Fudge John—f c
Lauer Geo—f l c
Lewis W D & T D—f c
West D C—f
Williams W G—f l

LATROBE

Allen John C—f l c
Bailey W H—f c
Barron W M & Son—f c
Hays Elmer J—f c
Hoffman Henry W—f c
Hughes James T—f l c
Lohr R G & C C—f
Miller S H—f l c
Morley W D—l
Pepperday John J—f
St. Clair Steele B—f l c
Saxman C W—f
Toner & Chambers—f c
Veigle W W—f
Walton Charles E—l c

LEBANON

Atkins Harry T—l
Behney Geo—l
Brown Geo H—l
Burkey Thos J—f
Cox E—l
Gelbach William—f
Hain D W—f
Hammar F P—f
Henry W—l
Karmany & Stine—f
Krause Joseph—f l c
Landgraph Mr—l
Lightman Amos—f
Maguire J W—f l c
Maguire W A—f
Mellinger—l
Miller J Henry & Co—f l c
Nitrauer & Ulrich—f c
Reigart C H—l
Seltzer John H—f
Shindel Case & Taylor—f l c
Spangler M P—f l c
Stager J W—f
Vande Saude W S—f
Walter James—f
White Harry—l
Wittar Abraham—f

LEECHBURG

McCabe Sydney J—f c
Riggle G M—f
Ryan W B—f
Thomas Howard R—f
Trout Judson—f l
Van Giesen T L—f

LEETONIA

Marshall N E—c
Mellinger D W—l
Warren Wm E

LEHIGHTON

Arner J F—f l
Ash Wm E—f
Graul P M—f
Gray Geo E—f
Greenawalt A F—c
Hauk C A—f
Kennel H B—f l
Morthimer & Williams—f
Seaboldt Howard—f l c
Spar Leo C—l
Williams Saml W—f l c

LEWISBURGH

Butler L T—f c
Darlington R M—l c
Folmer W R—f
Getz D H—f
Halfpenny W S—f c
Kaler W H—l
Linn P B—f
Miller A, D—f
Miller Geo P—f

Spyker H E—f
Van Valzah Mrs J W—f
Walls W C—f
Wolfe C J—f

LEWISTON

Aikens H W—f c
Bell G H—f c
Dunmire M D—f l c
Kase C W—f l c
Lynch Albert—f
Orr & Burkett—f l c
Rodgers Andrew—l
Searer & Sheary—f c
Snyder & Cooper—f c
Wren & Eckbert—f c

LITTLESTOWN

Crouse Paul—f
Mayers C H—f
Smucker A—f l c

LOCK HAVEN

Culp G E—f
Gearhart & Co—f l c
Gearhart C R—l
Good D F & Bro—f l
Jackson C S—f l c
McCormick A W—f l c
Satterlee H S—l c
Scott R J—f l c
Shaffer J J—f c
Smith J C—f c

LUZERNE

Freedman Max—f l c
Gildea David B—f
Johnson H C—f
Parry Wm J—f c

LYKENS

Lebo Edward—f
Miller J M—f c
Voss F H—f

McADOO

Dailey E J—f l c
Helferty John—l
Jones David B—l
McShea Hugh J—f
Mundy Dan—l J—l

MCDONALD

Campbell G S—f
Cochran A B—f
Deloche Victor—f
Jones C L—c
Patterson Jos—l
Williams D L—f

McKEESPORT

Airhart Peter F—l
Arnold T S—l
Baron D J—c
Barto B O—l
Bolton S C—f
Bowman Andrew H—f
Campbell A B Co—f c
Carlson G W—l
Carroll Robert—c
Childs Wm J—f
Conklin Frank R—l
Corbin H E—f
Dahlstrom C F—f
Dalrymple Roy H—c
Davis Geo S & Co—f
Ensign Fred E—l
Falkenstein G J F—l
Fell Wm B—c
Fife W G & Son—f c
Forney B B—c
Fulton J W—l
Fulton O F—l
Garbett T G—c
German Harry V—l c
German & Hugo—f c
Hamilton W H—l
Harrison F G—f l c

Hartman Bros—f
Herwick Geo B—l
Hopkins Geo E—l
Hopkins W A—c
Junker R W—f c
Kaplan A—f l c
Kearney E C—f
Koch Peter Co—f c
Lewis Thos J—f c
Long A B—f
Lysle George H—f c
McCarty R L—f
Malone Jos A—l
Mansfield W D—f c
Morgan S V—l
Morgan R Geo—l
Morgan S V—f c
Nelson A H—l
O'Neill Wm—l
O'Toole W E—c
Peters W B—c
Peterson J W—l c
Realty Co, The—f
Richards George W—c
Shaw C N—f
Sieber W S—f
Smith R W—l
Soles W C Co—f
Stewart Scott M—f c
Trich Edward M—f
Tully Herman H—f c
United Real Est Co—f c
Waltoner C J—f
Watson Harry T—l
White Jas J—f c

McKEES ROCKS

Carter Chas A—f
Davis Geo S Co—f
Engel Chas F—f c
Gast William—f
Grogan Jas—f
Hall J M—f l c
Hamilton E W—f c
Nixon & O'Donovan—f l
Robinson C W—f

MAHANOEY CITY

Dailey J J—l
Davis A A—f
Davis Nelson T—f l c
Donahue M F—l
Filer Elisha Jr—f
Gallagher James—l
Garrahang J H—c
Goyne John—l
Heiser R L—f l c
Lawler John—l
Reing C P—f c
Walsh W J—l
Wyatt Robt—l c

MANHEIM

Hamaker A G—f
Stroh J B—f l c

MANSFIELD

Allen W W—c
Clark F W—f
Elliott J A—f
Hoard Joseph S—f c
Husted W D—l
Rockwell B J—l

MARIETTA

Brandt J L—f
Hipple U G—f
Neale B J—f
Rich Henry S—f l c

MAUCH CHUNK

Boyle J J—f
Butler H A—f l c
Craig Douglas—f c
Leisenring L F—f
Loose J C—f l c
Mulhearn J B—f l c
Pursell & Dods—f c
Pursell D E & Son—l
Riegel Bros—f c
Rothermel J H—f
William Dods—l

MAYFIELD

Daley Patrick—l

MEADVILLE

Barrett W N—f c
Bender Carl—f l c
Bentley Alice M—l
Culbertson, Gelvin & Jackson—f l c
Dake Frank—l c
DeLancey P F & Son—f
Ellsworth A W—f l
Gross S L—c
Hickernell D G—l
Hilliard L M—f l c
Johnson Samuel A—l
Leberman Arthur V—f l c
Leslie James—l
Lutton Albert S—f c
McCabe Floyd R—l
Oaks A G—l
See, Cyrus Land—l c
Starr Lawrence B—f
Stolz Otto—f c

MECHANICSBURG

Asper Jessie—f l
Happle & Swartz—f c
King Ira F—f
Lloyd Geo E—f
Mishler H A—f
Mohler H S & Son—f c
Mumma F S & Son—f c
Ployer F C—l

MEDIA

Corlies Wm H—f
Dee Geo V—c
Dickson W J—f
Forsythe Isaac—f
German Wm J—f
Hawkins John H—c
Holl Albert E—f c
Manley H R—f
Parris C W—l
Perrin Frank G—f
Rhodes F B—f c
Williams A J—f

MERCER

Clawson A M—f l
McClellan H G—f l c
Morrow Wm L—c
Orr Robert Ins Agency—f l c
Powell De France—l
ZaLuizer D N—l

MEYERSDALE

Black J H—l c
Cook W B Son—f
Lichty E M—l

MIDDLETOWN

Baumbach Adam—f
Fisher H S—f
Hoffman H C—f
Irwin P E—f
Kennard W J—f
Martin J B—f
Metzgar J W—f
Neye S S—f
Schaeffer Otis O—f l
Springer Ira R

MILLERSBURG

Bowman S S—f
Herrold Wm—f
Rowe J H & Sons—f c
Woodside R E—f l c

MILLVALE

Beutner E S—l
Bauer P J—f c
Houlihan Jas—f
Isensee Wm—f
Reed & Dixon—f c
Schwartz Henry C—f

Pa.—Con.**MILTON**

Balliet A E—l
Belford R L—f l c
Davis & Heinen—f l c
Derr C L—f
Galbraith W B Sons—f l c
Gauger H—f l c
Hastings & Hastings—f l c
Knaner C Hall—f
Marsh C N—f l c
Paul Edwin—f
Reber F M—f l c
Wertz & Brautigam—f l c

MINERS MILLS

Bevan Daniel—f
Boughman Arthur—l
Brannigan John—l
Gallencamp E W—f
Griffith Tintor—l
Lesinski J—l
Manely Anthony J—l
Moran Michael—l
O'Brien Daniel—l
Shepherd Miland—l

MINOKA

Mulkerin O J—l
O'Malley J E—f

MONESSEN

Black J A—c
Bumer Frank—f
Duvall & Duvall—f c
Frye E M—f
Hamilton Wm B—f l c
Hibbs & Woodward—f c
Newcomer & Wolf—f l c
Reamer Daniel—f c
Robins W S—f c
Shuster & Reed—f c
Smith Chas H—f l c
Steen & Dills—f
Tylavsky M J—f
White J B—f

MONONGAHELA

Alten W F—f l c
Budd Thomas—l
Chattaway Arthur—l
Ellwood R L—f
Hamilton T A—f
Pierce F F—f
Robinson Robt—f c
Warne M S—f
Williams R & Son—f

MONTROSE

Bissell N E—f
Jones N R—f l c
Titworth & Son—f c

MOUNT CARMEL

Bergstretisser S E—f
Curtis R H—f l c
Dondero Louis—f
Gallagher M J—l
Gibbons J F & Co—f c
Hughes D M—c
Hughes Mrs Evie—f
Kehler & Kehler—f
Kline Ruben—f c
Lord Wm K—l
Maginnis P A—f c
Miller Chester A—l
Pulaski P R—f
Shipman & Goldschmidt—f c
Smith & Pensyl—f
Smith F G J—l
Tobias Ray E—f c
Vought, Moser & Magrady—f

MOUNT JOY

Donovan Oscar M—f
Zeller C H—f c
Zeller J H—l

MT. PLEASANT

Kalp K—f
Overholt A S—f
Page A G—c
Rumbaugh Chas F—f
Sheppard J A—c
Stevenson Bros—f
Walker John—c

MYERSTOWN

Gockley H S—f
Moyer J J—l
Shay Robert—l

NANTICOKE

Avery A E—l
Bell Oliver—l
Brader J C Co—f c
Casey Thos—f
Fargo Mrs Lizzie—f c
Griffith David—f
Horton Chas—f
Jayne Wm J—l
Knoll Geo T & Co—f
Oplinger Galen—f
Pensyl D S—f
Shipkowski Vincent—f
Williams Richard—f

NATRONA

Amschler Geo—l
Gallagher, Rusiewicz & Schweitzer—f
Korpany A—f
Natrona Realty Co—f
Nicholas & Reese—f
Ritchie J N—f c

NAZARETH

Andrews S—f
Beck W E—f
Cope Geo W—l
Huth Frank & Son—f
Kostenbader L P—f c
Maus J J—f c
Rasner & Stocker—f
Shafer Chas W K—l
Shover Edw L—l

NEW BRIGHTON

Beitsch G E—f
Kearney Francis—f
McPherson Geo R—f c
Stewart H P—f l
Ward E H—f
Wilson Wm W—f

NEWCASTLE

Brand G C—f c
Brown James—f
Buchanan L M—f l c
Callahan S J—l
Connelly E F—f c
Dougherty & Shannon—f
Dushane C P—f
Elliott W A—f
Green O H P—f
Hays J P & Co—f c
Keast J W—l c
Kennelly J F P—f
Knox & Morehead—f c
Lawrence Realty Co—f c
Long G S—f c
McBride O A—f c
McCormick Denin—f
McCracken S A—f
McCreedy C A—f
Maurer E W—l
Miller H G—f c
O'Brien E J—f
Platt L W—f l c
Ranney C W—f
Rhodes S J—l

Rigby Chas C—f
Sheehy John Y—f c
Wilkins J—l

NEW KENSINGTON

Alter W R—f
Baxter E J—f
Bellman Robt H—f
Crisp E R—f
Girts J T—f
McCowan W C—l
Mainwaring M H—f
Shepard R G—f
Snyder A H—f c
Steiner Bros—l
Sullivan D B—f c
Sullivan Jerome—f c
Walley Harry C—f

NEWPORT

Diven R W—f
Frank G H—l
Stephens J C F—f
Super Jacob—f
Zinn Frank H—f l c

NORRISTOWN

Abbott P W—l
Anders D M—l
Baldwin Chas J—c
Beyer A D—f l c
Brown & Cloud—f l c
Coleman & Wonsetler—f l c
Egbert & Groff—f c
Evans B F—f
Gotwals Irwin J—f l c
Johnson & Co—c
Lenhardt O E—f c
Ralston Geo R—f
Roberts Geo W—f c
Shoemaker M H—f l c
Swartwant Geo A—l
Zimmerman H H—f

NORTHEAST

Cushman L E—f
Daniels L E—l c
Eades C H—f
Gill J T—l
Graham G C—f
Greer R M—l
Hampson G A—f
Hartley E E—f
Nichols & Pierce—f l c
Teft H A—l
Wills & Son Co—f l c
Wright Lewis—l

NORTHUMBERLAND

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Colt John E & Sons—f l c
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Virginia F. & M. Insurance Company
 Richmond, Va.
Ohio Farmers Insurance Company
 LeRoy, Ohio
Millers National Insurance Company
 Chicago, Ill.
Michigan Com'l Insurance Company
 Lansing, Mich.
Mass. Bonding & Insurance Company
 Boston, Mass.

PA.—Pittston, Con.

Rankin Realty Co—f
Regan L J—l
Reed & Reed—l c
Reed Mrs F A—l
Reid Wallace M & Co—c
Reich L A—f
Reno & Johns—f
Ries E W Jr—l
Riviere N S—c
Rivolta J L—c
Roberts E G & Co—c
Robinson M S—c
Robinson W W—l
Rogens & Cloonan—f
Russell John R—l
Ryall J M—l
Sage Frank L—l
St. Clair L K—l
Sankey Wm & Son—f
Sawyer H T—l
Saxton-McClure Co—f
Schuchman Wm K—f
Scott W L Co—f
Scovel C W—l
Seright & Kelly—f c

HENRY SHOOK & SON**Representing**

Northwestern National
Milwaukee Mechanics
German Underwriters
Dubuque Fire & Marine
German of Peoria
National Ben Franklin

Farmers Bank Building
Pittsburg, Pa.

Shriver V L P—c
Smith & Schuette—f
Smith Percy R—f
Snyder M L—l
Sorg, Henning Walter
Co—f
Stimmel W S—l
Stoughton H D—c
Tener W J—f
Thomson & Sproull—f
Toie E C—f
Treat & Siverd—l
Unverzagt W I—f
Wallace J L—c
Watkins C V & Co—f
Weld De Forest—l
Wells G C—l
Wessel Arthur—f
Westerfield Chas I—l
Wharton C Jr—c
Wilson J A—l
Wilson R K—f
Wilson W W—l
Woods Agency Inc—l
Woods Edward A—l
Woods L C—l
Wood W M—l c
Wooldridge Norman S—l
Wright T A—c
Young Frank N—f
Young Bros—f
Zahn Wm A—f l c
Zeugschmidt Chas & Son
—f c

PITTSTON

Baldwin E B—c
Barber A J & Co—f c
Barr & Barr—f
Benfield Geo—l
Blackman Jno H—l
Braun Geo—f
Brown A V—l
Bryden I R—f l c
Burke Oliver & Son—f c
Burke T F—c
Coyne Jos—l
Craig T J—l
Cruse & Burrows—f

Dorr Chas H—c
Egan Geo—l
English Thos—f
Flannery J T—f c
Foster & Schwartzkope—
f l c
Foster W L—l
Gabelle Nicols—f
Gilroy W F—f
Griffith H—l
Gross Jos—l
Hileman Jos & Sons—
f c
Hughes J C—l
Hughes R—f
Jenkins T W—f
Kane W J—l
Kelley J J—f l
Law J B—l
Mahon H J—c
Mosier & Stark—f c
O'Brien Alice—l
Perrin M L—f c
Reap Jos B—f c
Shannon Frank—f
Shiffer W A & F E—f c
Smith Chas B—f
Streiner A K—c
Walsh P J—l

PLAINS

Bath Jno T—f
Conniff T M—f c
Kelly M F—f
Scott Bros—f

PLYMOUTH

Curran Geo J—f c
Dooley Jno—l
Gwilliam Geo & Sons—f
c
Hooper J R—f
Honeywell C W—f c
Lawrence G H—l
Maher John T—f
Roberts Frank L—l
Scott Harry A—f l c
Spry W W—f c
Wren Christopher—f c

POTTSTOWN

Bahr Jacob S & Son—f
l c
Bair C C—f
Baker J E—l
Bernhart A J—f c
Christman Jas E—f l
Diemer Geo—f l c
Schultz A H—f
Wells L J—f

POTTSVILLE

Althouse D S—f c
Bartlett J P H—f
Burd G T—f c
Conrad John W—f
Cummings Mrs Minnie
—f c
Duffy Daniel—l
Frank L L—f
Gellert & Gellert—f
Higgins Jno—f
Jones R L—f l
Lord Theo M—f
Quinlan Wm E—l
Reed Clinton B—f
Rich Norman E—f l
Schertle H C—f
Shester & Lowrey—f l c
Sillyman C B—f l c
Skeen C E—l
Stichter H P—f
Wade C A—l
Weston H W—f c
Wilson W C—l c
Youngfish John—l

PUNXSUTAWNEY

Brown Bros—f l c
Davis Goheen—f
Fink & Mitchell—f l

Kurtz & Hastings—f l c
McGaw L C—c
Stevenson Geo W—f
Stumph E C—l c
Thomas John L—f
Williams A B—f l
Zeitler Jacob & Co—f l c

QUAKERTOWN

Fitzgerald H J—l
Freed Wm C—f
Funk John A—f
Foulz & Anders—f
Haas A E—l
Hartman Frank H—l
Jordan J M—f
Kinsey Geo C—f
Kittelman A H—f
Richland Real Estate Co
—f
Smith Chas R—f l c
Taylor Frank—f

RANKIN

Carr Chas J—f
Donnellan J S—f
Jaquay G H—f

READING

American Casualty Co—c
Ancona Daniel F—f c
Beard Harry—f c
Bigony W F—l
Billman George W &
Co—f l c
Brossman H F—f c
Bush W H K—f c
Capallo John G—f
Cohen L—c
Cohen A A—l
Coyle La Verne J—l
Darlington E L—f c
Essick & Barr—l c
Fencil C V—l
Fetter W W—f
Fisher Samuel F—f
Frankhauser L W—f
Hake J D—l
Helms S M & R R—l
Hill Ralph G—l
Hill Jenkin—l
Hintz H B—f
Jost J W—f c
Kaufman J—l
Kemmerer & Zechman—f
Knapp E M—f
Leinbach W M—f
Luppold & Whitman—f
McCormick J L—l
McDermott & McGowan
—f c

Mengel & Mengel—f l c
Mohn Jas F—l
Nolan Real Estate and
Ins Agcy—f l c
O'Connor G H—l
Potteiger Samuel N—l
Pursell D E & Son—l
Rhoads A K—f
Roland Fred—f
Stahlnecker J L—l
Stephen Fred—f
Strauss & Co—f
Towson H F—l
Umbenhauer & Wanner
—f
Wieand Chas H—f

RENOVO

Barner Clyde F—f l c
Kendig Jos R—f l c
Reilly Jos F—f c

REYNOLDSVILLE

Alexander F P—l
Koehler Philip—l f
Love P B—f l c
McDonald G M—f c
Murray Frank—f l c
Neff E—f

RIDGWAY

Arvidson A O—l c
Baird E H—c
Blase L G—f c
Elliott & Kime—f
Geary Chas F—f l c
Lesser L J A—f l c
Olson & Larson—f l c
Shanbacher Frank W—l

ROCHESTER

Arrott J W—f
Brown H W—l
Coleman & Feyler—f l c
Cross S J—f
Grandy Jos H—f l
Huth Peter J—f
Lockhart F T—f
Marquart Fred—f
Moulds & Don Caster—
f c
Noss C C—f

ROYERSFORD

Anderson H E—f l c
Finkliners Ulysses S G—
f l c
Hiestand H I—f

ST. MARYS

Cheattle Wm—f l c
Determan Herman—f l c
Geack Andrew—f
Gion F J—f
Graybeill J H—l
Hauber Geo—l
Hauber Ins Agency—f
Robertson John—l

SAYRE

Bogart Harry M—f l c
Driggs C M—f l c
Fulford W R—f c
Lacey Wm N—f c
Merereau H H—f l c
Saltzer Harry J—f
Taylor F J—f l c
West C C—f
Williams C R—f l c
Winlack Stanley—f

SCHUYLKILL

Cummings S C—f
Filbert B A—f l c
Kislin C E—f
Koenig W H—l
Moyer C A—f
Pfueger Mrs M F—f
Rudy Carl S—l c
Wagner Henry—f

SCOTTDAL

Boyd B C—l
Byrne Real Estate Co—
f l c
DeWitt E F—f l c
Diskin T J—f c
Engle H D—l
Gordon Geo W—l
Jarret Geo C—l
Kelly & Cook—f l c
Laughrey John—f
Sherrick Will—f
Sisley J D—l
Strickler J T—l
Weimer O D—f l c
Wiley & Sons J W—f l c
Wirsing L B—l
Wray Frank C—f l c

SCRANTON

Acker Chas A—f
Allen G W B—f l
Axford Ernest B—l
Bailey Geo A—l
Beardsley Bertha E—l
Bell Jos—f
Bishop & Walker—f
Boland C G Co Inc—f l c
Bond Richard S—l

Booth Walter H—l c
 Bradshaw Herbert—l
 Broadbent Mrs A W—c
 Brown Chas E—l
 Brown Gus N—f l c
 Buck Walter S—l
 Burwell J S—f
 Bushnell H H—f
 Buxton S S—l
 Campbell D J & Co—f
 Cassidy Jos M—l
 Clay A B—l c
 Cohen Harry A—l
 Cohen H A—f c
 Conrad A & Son—f l c
 Cramer H S—f
 Doherty Jas T—l
 Dunleavy Margaret A—l
 Dusenbury J W—l c
 Emory May A—l
 Emrich F W—f l c
 Evans & Thomas—f
 Fagan J E—l c
 Finkelstein Max J—l
 Fitzsimmons John—f
 Forster & Evans—f
 Foster H C—f c
 Fuller Charles & Co—f c
 Gallagher John J—l
 Genter C H & Co—f
 Gibbons & Keegan—f
 Greenberg Myer—l
 Hackett W T—f c
 Hartzell F V—f c
 Hayes Jas J—f
 Heeley Eugene—f c
 Heffelfinger Jacob—l
 Hitchcock F L & Son—f c
 Holmes Andrew B—f
 Huber & Partridge—f c
 Johns Willard T—l
 Jones Roderick—f
 Judge James F—f
 Keller H S Ins Agcy—f
 Kiesel Wm F & Son—f
 Langan M G & Son—f
 Lennon John A—f l c
 Lewis W J & Co—f
 Loomis W G—f
 Luce R W & Co—f c
 McCarthy J J—c
 McCormick J F—f
 McGuire T J—f l
 Moore & Foster—f c
 Moore-Foster-Burwell Co—f
 Morgan W P & Son—f
 Morris E R—f
 O'Malley Edw J—l
 O'Malley M J & Co—f
 O'Malley Owen F—f
 O'Malley M P—f
 Osborne E W—l c
 Owens Saml J—l
 Paine H E & Son—f
 Phillips W W & Co—f
 Powell A V—f
 Powell D C—f
 Reese Thos—f
 Reynolds G F—f
 Robling Kirchof & De-muth—f
 Sargeant Frank E—l
 Scarborough C B—l
 Schadt John A & Co—f
 Siegel H M—f
 Squier Chas E—l
 Teeter W R—c
 Walter A A—l
 Wayland & Bradbury—f c
 Welsh W J—l c
 Weyburn S Fletcher—c
 Williams Gordon L—l
 Williams Porter G—l
 Williams W C—f
 Williamson J L—l
 Yoder P D—l

SELIN'S GROVE

Houseworth Benj H—f
 Schoch Ira C—f c

Schoch Marion S—f c
 Schroyer R L—f c
 Ulrich Chas P—f c
 Witmer Geo D—l
 Woodruff J J—l

SEWICKLEY

Agnew Miss Maude—l
 Boobyer R B—f
 Brown R R—f
 Duncan W C—f
 Van Pelt R S—c
 White F K—l

SHAMOKIN

Beaver Edward B—f
 Bower R D—f
 Glick R J—f
 Gould & Kreamer—f c
 Graeber Clarence M—f l c
 Graeber Frank H—f l c
 Graeber Real Estate Agcy—f l c
 John Geo W—f l c
 Kearney J J—f
 Kramlich M B—f l c
 Lloyd Albert—f
 McCormick J P—f
 McWilliams Warren W—l
 Marshall George W—f c
 May & May—f c
 Oram Jno—f l
 Raker Edward—f
 Schwartz Wm H—f
 Shoop & Shoop—f
 Shoop Geo O—f
 Startzel Don—f
 Timmes John W—f
 Ungers & Snyder—f c
 Wagenseller S C—c l
 Weaver Edith K—f
 Witt Frank S—f

SHARON

Adams Mary—f
 Allen Geo H—l c
 Ashe Carl—l
 Ashton C A—f l c
 Bell & Harris—f
 Bierstein P W—f l c
 Buchholz Ed—f l c
 Cohen H M—f l c
 Davis Thos E—l
 Esagar Fred—l
 Godfrey M—f l c
 Gorham T—f
 Hansen A—l
 Kahl M—f
 Keiser F—l
 Kennedy W J—f
 Leslie J S—f l c
 McCormick W D—l
 Mailland Wm—f l c
 Roberts F C—l
 Roberts R W—l c
 Rushmore M L—f
 Shilling Chauncey N—f c
 Thomas & Co—f
 Wesling A F—l

SHARPSBURG

Coyler R M—f l c
 Crea Thos—f
 Kraus E A—f
 Lowry Jas—f c
 McGivern T J—f
 Myers W C—f
 Schrandt Wm C—f
 Seidel L O—f c

SHARPSVILLE

Agnew Chas E—f c
 Allen & Davis—f l
 Hum J R—f l
 Robinson S A—f l c
 Turner E A—f l

SHENANDOAH

Bierstein P W—f l c
 Bradigan Harry—f
 Broderick Thos—l
 Burns Burt—f
 Carden J J—f
 Curtin John W—f
 Davis J B—f l c
 Gregory W G—f
 Hughes Lewis—l
 Insurance & Investment Agency R U—f c
 Krick Geo—l f
 Lawlor J J—l
 Lewis W W—l
 McCabe Joseph P—l
 McGowan John—l
 McNelis Ed—l
 Mellet & Keogh—f
 Monighan P J—f
 Roberts Wm—l
 Surfield Ed—l
 Walsh Wm—l
 Whitaker M P—f
 Williams T T—f

SHERIDAN

Bishop M L—l
 Leaman T S—c
 Lewis Wm B—l

SCHICKSHINNY

Church Clarence L—f
 Post F J—f c

SHIPPENSBURG

Coffey John—f l
 Criswell E L—l
 Geesoman Jno E—l
 Landis B F—f l
 Ludwick E—l
 Lutz W A—f l
 McBeth Grant—l
 Morrow W Boyd—f
 Mowery N E—f
 Noftsher Paul B—f l c
 Omwake J S—f
 Powell D N—f l c

SLATINGTON

Fritzingier Stanley—f l
 Handwerk O—f l c
 Jones Perry—f c
 Pierce Daniel—f
 Sieger Henry N & Son—f l c

SOMERSET

Connolly Harriet—f
 Harrison Chas J Jr—f
 McGriff Nellie B—f

SO. BETHLEHEM

Boyer J L—f
 Cashner M P—f
 Cope A L—f l c
 Friebely & Collins—f l c
 Getter G W—f
 Glaney B—l
 Graham A C—f
 Hartzog I T—f c
 Hildenberger Geo—f
 Hildenberger Martin—f
 Kester F J—l
 Kreis John—f
 Kresge J H—f
 McGarr Jos—f
 Miller A P—c
 Palen A H—l
 Serfass H M—f c
 Simon Deeso—f
 Sinwell Wm—f
 Wien F E—c

SPRING CITY

Clevenshin R E—f l
 Curry D M—f
 Rosenburger L H—f

STREELTON

Alleman M R—f l c
 Atticks Wm—l
 Croll J P—f
 Cumblor Wilmer H—f
 Dunkle Amos—f
 Finley J A—f
 Flynn Wm M—f
 Gassner A C—f
 Grove John L—f
 Heagy J M—f
 Hess C—f
 Howard H H—f l c
 Mumma Mart—f c
 Suavely Mrs J H—f c
 Wilson Walck J—f

STROUDSBURG

Bell E A Co—f l c
 Dreher Norman B—c
 Middaugh Russel—l c
 Miller M W—l c
 Palmer Turner—f c
 Smoyer H S—f l c
 Stone Elmer—l
 Williams John B—l c

SUMMIT HILL

Christman Ira—f l
 Cunningham James A—f l
 Scott E E—f l c
 Storch C F—f

SUNBURY

Barnhart H E—f
 Bassler John W—f c
 Bloom D E—l
 Clement & Brosious—f l c
 Coryell & Frymire—f c
 Deppen Bros—f c
 Derr & Rockefeller—f
 Dewitt I A—f c
 Druckmiller Wm H—f c
 Felker W M—l
 Foltz George A—f c
 Greenough & Kremer—f
 Hoffman W P G—l
 Kelly B F—f
 McDevitt Jas H—f
 Morgan J W—f
 Reed S O—f l
 Rhoads W F—f
 Roush E M—f
 Savidge Grover D—f l c
 Shipman C F—f
 Stahl A S—c
 Witmer F A—f
 Yocum S G—l

SUSQUEHANNA

Epes & Wright—f l c
 O'Connell John V—f l c

TAMAQUA

Beard Samuel R—f l
 Delsy Joseph—f
 Freudenburger T D—f l
 Gallagher James—l
 Hefner J—l
 Jones Ralph B—f
 Kolb Bros—f
 Pfeil J Geo—l
 Prutzman M P & Co—f
 Schad John—l
 Schugg Wm—f
 Shindel C F & Co—f l c
 Sittler C E—f
 Somers E F—f l
 Souder H W G—f l
 Stanley Nichols W—f
 Stidfole John H—f
 West James—f l

TARENTUM

Bell A J—f
 Denny J M—f
 Esler Robt L—c
 Griffith J M—f

PA.—Tarentum, Con.

Handelman M—l
Haselett E E—f
Herron Geo—l
Hilliard J A—l
Hudepohl T D—c
Kennedy J W—f c
Manandise O J—f
Marvin Bros—f l
Metzler J H—f
Reed C N—f l
Travis R A & Co—f c
Watkins Albert—l
Wehner Peter—f
Zimmerman Henry—f

TAYLOR

Law James P—f
Lyman M J—l
Mahon J J—l
Van Horn Clinton H—f c
Weibel & Co—f
Williams David A—f

TITUSVILLE

Barber & Cooley & Co—f l c
Chick M B—f l c
Cogswell J H—f l c
Johnston Hall—f
Kerr R A—f
Owen C B—f c
Petit H G—f
White Wm—f

TOWANDA

Allen Peter—l
Bender C M—f l c
Bostwick C—l c
Burlingame Chas—c
Coddling & Coddling—f c
Cummings F J—c
Finnly C M—f c
Fitzgerald Wm—l
Holcombe H L—l
Ingham G T—f c
Kelley R—c
Matchett N M—f c
Park S B—f l c
Shelton W M—f l c
Turner C H—l
Walker Ed—f c

TOWER CITY

Kaufman F—f
Moyer J B—f c

TREMONT

Bashore R S—l
Hibshman H W—f
Hoffman Philip—l
Reinbold W H—f

TURTLE CREEK

Bryans Wm A—f
Crawford R L—l
Hershey Geo H—f
Holmes John H—l
McDonald M W—f
Sommens W H & Son—f
Sheridan J H—l

TYRONE

Calderwood H B—l
Fleener W H & Son—f l c
Gifford R—f
Hiller John A—l
Hiller W F—f l c
Howes F—f l c
Lovell W C—l
McConahy N C—f l c
Porter John L—f l c
Reed F A—f c
Study Jas A—f l
Vincent A A—f
Wilson R A—l

UNION CITY

Ford Jessie M—l
Marsh D G—l
Morrow W O—f
Ottaway J H—f l c
Sweet A G & Son—f l c

UNIONTOWN

Cramer Chas T—f l c
Cuppert John F—f l c
Douglas J S—f l c
Fisher J C—l
Jaquette N H—f
Knotts Arthur K—f l c
Kobacker I L—l
McCormick Leonard—f
McCrum R S—f l c
Markle O P—f c
Newcomer J I—f
Robinson James—f
Searight J A—f l c
Seaton & Bowman—f l c
Semans Geo W—f
Springer J D—f l c

VANDERGRIFF

Fitzgerald N L—f l
Grim & Welch—f
Stickel & Strawn—f
Uncapher M E—f c

VANDERGRIFF HEIGHTS

Bair J F—f c
Love A W—f l
McGinnis J M—f
Miller Burt—f

WARREN

Brennan & Alexander—f
Cable J B—l c
Cogswell F A—l c
Craft & Keefer—f c
Darling F C—l
DeForest G A W—f
Eaton A W—l
Gealy Cassius M—l
Henry W F—f
Jennings Chas B—f l c
Lesser B V—f c
McKelvy A H—l
Meesner Kate—l c
Miles C C—l
Mintzer Cable & Co—f l c
Newmaker P J—f l
Richards W J—l
Smith Flora B—l
Stewart John B—c
Wheeler John E—l c
Yanke E J—l

WASHINGTON

Anderson & Kernott—f
Boreland Bros—f
Buchanan R C—f
Caldwell D F—f
Carson Glenn P—f
Carmichael Jno F—l
Christman Wm—f
Deems E R—f
Goldfarb Jacob—l
Happer A G—f l c
Howden & Co—f
Knox Robt—l
Lane W A—l
Lloyd H D—l c
McGrew B C—f
Mitchell J K—l
Murray J W—f
Post J R—l
Potter W G—f
Prigg J M—f
Raleston J M—f
Reed Jno—f
Shimp C E—l
Smith Ed R Jr—l c
Smith W F—f c
Spriggs Homer—f
Sutherland T H—f
Warne W P—l
Wise John K—f

WATSONTOWN

Fisher B Frank—f c
Groff Saml J—c
Heyll Wm F C—f c
Leinback & Bly—f
Nicely John H—f
Pursell Chas G—c
Rombach H W—f
Shay Wm F—f
Wendel D W—l
Wesner L M—f

WAYNE

Aman Geo M—f
Conzares F A—f
Davis Chas M—f c
Fronefield J M—f c
Hunter H C—f c
Scanlon M F D—f
Weadley A L—f

WAYNESBURG

Auld J M—f
Brock Hudson D—f l c
Dunlap Harry—f
Garrison D M—f l c
Hannan Geo—f l c
Hunt G—l
Patterson & Fulton—f l c
Randolph & Bailly—f l
Scott J W—l
Waynesburg Realty Co—f l c
Wisecarver T J—f

WEATHERLY

Eby S G—f
Perry Clayton—l
Rosentock John E—f l c

WELLSBOROUGH

Champaign Wm E—l c
Clark C B—f c
Davis O H—f
Johnson G B—l
Klock Leon H—f l c
Rockwell F H—f
Smith D C—l c
Woodhouse W S—f c
Young E B—f l c

WEST CHESTER

Martindale C P—f l c

WEST NEWTON

Adams A B—f
Darr A T—f
Dick A M & Co—f l
Obley H A—f
Slough J C—f
Parker A J Co—f l c

WILKESBARRE

Andreas R E—l
Baptiste H R—l
Barber A J & Co—f
Biddle & Eno—f c
Boland Jas M—f c
Brandt & Galland—f c
Brost C F—f
Camp L F—l
Chapman C E—c
Cool Jas—f
Coolie W S—c
Crisman E L—f
Dana & Frantz—f
Davis R—l c
Derr Thompson & Bro—f c
Dilley O H—f
Drum Stephen—f
Dymond & Mutter—f c
Edwards W A—l
Ellis & Reichman—f
Espy & Newell—f l
Evans W B—f
Farrell J C & W L—f
Felter C M—l
Ford J P—f c
Frace H F—f l

Frazer Edwin D—l
Gaertner G A—f l
Gallagher J R—l
Gregory C W—c
Gwilliam & Sons—f c
Hamlin Edw B—l
Hartman Geo J—f c
Harvey J C—l
Hirsh S—f c
Hoban Ed A—f
Hoban J W & Co—f c
Holt J E—f
Hoover R O—f
Hoakins J W—l
Houser S H—l
Hughes D F—f
Hurwitz & Bloch—f c
Innes E A—f
James Bros—f c
Jones J M—c
Jones Lawrence B—l
Jones R C—l
Kaiser E E—l
Kenney J C—f
Kielty P F—l
Larned F W & Son—f
Lenehan P J—f
Lloyd Jos W—f
Lloyd Reese—f
Lyman C E—l
McCabe J F—f
McClellan & Miner—f c
McGowan J F—f c
Miller J Watson—f
Moore Jos—c
Morgan Danl J—l
Mundy & Co—f
Mundy J F—l
Myers P T—f
Norris J W—c
Nuss J F Co—f
Parsons W L—f c
Payne H B—f
Phillips & Moore—f
Pierston A J—f
Post Willard L—f l c
Pottenger John—l
Pyne T W—l
Reinfield Theo—f
Reynolds & Co—f c
Rinehimer J S—l
Robinson W B—l c
Roderick J E Jr—l
Rousing John—f
Royer Bros & Co—f c
Salsburg L K & Co—f c
Schmidt P J—f
Scureman M A—l
Shovillin J A S & Co—f c
Smith E R—c
Snyder Chas M—l
Stakulsky H—f l c
Stanger W H—f
Steinhauer Wm F—f c
Sturdevant D—f
Theis Bros—f c
Theis Fred & Son—f l c
Thomas A D—f
Van Loon Chas R—f
Wakeman Walter—f
Waltman & Russell—f
Ward Richard A—f c
Washburn W O—l
Welles H H—f
Williamson Jas—l
Winter I H—f
Yeager Wm B—f

WILLIAMSPORT

Allen R W—l c
Ames F L—f
Bailey & Bailey—f
Bell Jesse S—f
Bower J I—f
Brubaker H M—l
Bullard L G—l
Burrows J E—f l
Caldwell Harrison Co—f l c
Clinger Henry J—f
Clinger Otto C—f l c
Cole E W—f c

Collier J F—f
Datesman J—f
Drcker H P—f l c
Emery Frank—f c
Fiak George L—f c
Furey Durant—f
Gallagher F M—f l
Gibson J A—f l c
Good O W—f l
Hanks H R & Son—f
Hart Abe—f
Herrington W A—f
Hill H C & Co—f e
Hill S W—f l
Houck S F—f
Howard Claude—f
King W L—f
Laedlein J F—f
Lewis B E—f
Leyman H S—f
Lundy A D & Son—f l c
Mahl S H—f
McCormick & Son—f c
Mather W A—f
Meyer H S—c
Newcomer J C—f
Pray L A—f
Sautters Charles—f
Sigfried E M—f
Smead W H—f
Sondheimer M—f

Staib F C & R R—f
Stout J W—f
Swartz & Shay—f
Weddigen Ferd—f
Williamsport Ins Exch—f l c
West Branch Ins Agcy—f l c
Witt I M—f
Woodruff W B—f

WILLIAMSTOWN

Blanning W—f
Lebo Wm F—f
Shank Chas W—f
Shadel F M—f
Stine D M—f c

WILMERDING

Bowman J M—f c
Cunningham J E—f
Entler H L—f
George W D—f
Hankey W L Co—f c
Snyder Geo B—f c

WINDBER

Colborn Mrs Mary S—f
Fickroy J W—f c
Hartman J A & Co—f
Maneval & Co—f

Mowry Geo S—f
Parnell J H—f c

WRIGHTSVILLE

Diets Harry—f
Flora W H—f
Smith H K—f

YORK

Allison N A—f
Batchell E P—f
Berger E H—f
Brooks John H—f
Burgesser C C—f
Ebert Harry S—f
Eckels C L—f
Eckenrode Wm H—f
Eisenhart C E—c
Evans Margaretta B—f c
Fry Charles H & Son—f
Gnaw C P—c
Graybill George F—f c
Gross Samuel L—f
Hartman L M—f
Hauser John S & Co—f l c
Heller Thomas E—f
Herr L E—f c
Jessep & Culp—f c
King Robert—f c
Kraber Bros—f

McBlain Walter G—f
McConkey E K & Co—f

McLaurin A J—f
McManus Miss Mary H—f
May N C—f
Miller Jacob A—f c
Milligan James M—c
Mitzel J F—c
Myers & Thompson—f c
Myers W H—f
Nichols E C—f
Owen W S & Bros—f l c
Raffensberger W J—f l c
Robinson C N—f
Rutter John H—f
Schall Jacob H & Co—f c
Shroff Samuel A—f c
Small Frederick M—f
Spangler George P—f
Stallsmith Robert O—f c
Stambough J H—f
Stansbury W J—f
Stover John A—f
Waters O P—f
Weasell M H—f
Wilkinson Boyd C—f
Williams Albert L—f
Wolman & Hartzler—f
Ziegler Elmer C—f

RHODE ISLAND

ARCTIC

Clarke Herbert M—f l c
Langevin Oliver—f
La Rose E—f
Perkins Jos Jr—f
Soucy Pierre—f

ASHWAY

Stillman E C—f l c

BRISTOL

Brown T Clarke Jr—f
McDougall Benj M—f
Olney Clara A—f
Skinner Parmenas Jr—f
Tobin M J—f
Wall Bertram W—f c

CENTRAL FALLS

Beandry Louis P—f
Blais Leo A—f
Butler R A—f
Calder Edw E—f
Rathey F X L—f c
Rousseau O J—f
Sherman J A—f
Shippee Elmer W—f

CRANSTON

Blais Z W—f
Horton H F & Sons—f c
Latham J A & Co—f

EAST GREENWICH

Allen H V—f
Gleason C C—f
Ramsdin W—f
Shippee M E—f c

HARRISVILLE

McCabe John H—f
Richard Mrs E S C—f

HOPE VALLEY

Greene Geo E—f c
Olney Clara A—f
Richmond Silas R—f

JOHNSON

Wilder J B W—f

LONSDALE

McInerney Edw—f
Nye C P—f

O'Sullivan P—f
Pasterson Wm—f
Pingree Theo—f
Ryan M J—f
Veitch J W B—f
Williams J J—f

MANVILLE

Roberts F X & Son—f l c

NATICK

Littlefield—f
Whipple R R—f l c

NEWPORT

Andrews & Weaver—f c
Braman Packer—f l c
Brightman Wm E—f c
Bull Henry Co—f l c
Commerford A B—f
DeBlois & Eldridge—f c
Derby R C—f
Dyer H L—f
Hammett Clarence A Co—f l c
Kaull James T—f c
O'Neill T J—f l c
Paine F H—f l c
Pasonage J B & Son—f l c

Rooney James J—c
Spencer Edw L—f l c
Taylor A O'D Jr—f l
Topham T—f
Wilks H G—f
Wrightington C H—f

PAWTUCKET

Arnold John H & Son—f
Barclay Wm H—f
Bennett J—f
Blais Leo A—f
Blanchard Andre & Son—f
Butler E P—f
Chase & Entwistle—f c
Conley C E—f
Curtis Wm F—f
Davis Herbert B—f
Donahue Leo R—f
Dyer Benj J—f
Everett A F—f
Fitzsimmons F E—f
Gallagher Matthew J—f
Healey Jas P—f

Higsons T D—f
Kelley Walter W—f
Keough James—f
Lawton Chas H—f
Lescoult Louis—f
Milton Vigant—f
Monast Louis—f
Mulligan Myles M—f c
Newell Jas S—f
O'Brien Thomas—f
Palin J C—f
Parker Geo I & Co—f c
Richardson E N—f
Roberts F X—f
Ross David—f
Sheldon Chas H—f c
Shippee E W—f
Shove Isaac Co—f c
Thurm Felix—f
Tingley A E—f
Watjen H E & Co—f

PORTSMOUTH

Anthony H C—f l c
Borden J B—f l
Boyd Wm K—f c

PROVIDENCE

Aldrich Wm A S—f c
Arnold Co The—f
Babcock Albert—c
Baggett W A—f
Beach & Sweet Inc—f l c
Bennett J L—f
Blanchard C C—f
Bliss Zenas W—f
Blumenkrans E S—f
Bogert T P—f
Bosworth J D—f
Brice H B—f
Budlong John C Jr—f
Bunce G H & Co—f
Burrington A S—f
Cady Williston A f
Calderone P J—f
Calef H C—f
Canning P F—f
Carpenter J B—c
Carr J E—f
Carter Patrick—f
Chambers Wm C—f
Coates Hurdie Co—f
Collett Geo H—f
Colwell Elmer W—f
Conca Dominico—c

Connell W A—f
Cook Jas W—f c
Crooker J F—f
Crum F A—f
Donnelly F M—f
Draper W H—f
Dubois R C—f
Dunning M L—f
Easterbrooks H G—f
Easton Chas G—f
Eddy J T A—f
Eddy Jno & Son—f
Eddy A U—f
Egan D C—f
Farnum E H—f
Fitzgerald P J—f
Forest C A—f
Freeman Jas F Co—f l
Galligan John F—f
Gallivan & O'Donnell—f l
Gammons J A—f
Gamwell & Ingraham—f l
Goff Adelbert—f
Goff Wm Df
Goodman T J—f
Goodwin W P—f l
Gough Joseph—f
Greene Henry A—f
Griswold W H—f
Gross G L & H J—f
Hall Harry J—f
Hall W H—f
Harrington Benj F & Son—f l c
Harris Stephen C—f
Hawkins John B—f
Hazard Frank B—f
Herrick Wm H & Co—f
Hibbard S B—c
Hill Chas E—f
Hill Jas—f
Hoffman W G—c
Holm W R K—f
Holmes C E—f l
Horton H F & Sons Co—f
Howard R B—f
Hurley R A—f
Jackson Benj H—f
Johnson M C—f
Kehoe J L Co—f
Kelly I W—f
Knight A—f l
Lapham Simon S Jr—f

R. I.—Providence, Con.

Latham J A & Co—f
Lee H I—f
Lester Wm A—f
Lewis T H—f
Lincoln F A—f
Lincoln G S—f 1
Lincoln Levi C—f
Lord D C & Son—f
Luther J I—f
McCabe Ed & Son—f
Mackinney H A—f
McLeod J D—f
Macmillen J D—c
Marcicchio A—f
Mason E C—f 1 c
Mathewson C A—f
Mattson A—f

Rathbun T R—f
Redfield W S—f
Rice Charlotte E—f
Robbins E S—f
Robinson W H & Co—f 1 c
Rounds G C—f
Ryan T J—f
Scott & Farrell—f 1 c
Sherman H C Jr—f
Shippe I A—c
Smith J E—f
Spencer & Boss—f
Spink G A—f
Stafford H E—c
Stanton Jas—f 1 c
Stanley C M—f
Stark C R—f

Tompkins C A—f
Torrey D T—f
Tucker D B—f
Walker R L & Co—f
Wallace Wm V—f
Warren W W—f

B. L. WATSON & CO.**INSURANCE****49 Westminster Street**

Wheaton H M—f
Wheeler Van R—c

SAYLESVILLE

Fessenden M F—f c

S. KINGSTON

Babcock John E—f
Boon Chas E & Co—f
Caswell W H—f
Hunt James J—f
Mowry Sumner—f
Perry Howard B—f
Sweet W R—f
Watson Oliver—f

TIVERTON

Brightman W E—f 1 c
Dufree J T—f
Hamby A L—f 1 c
Seabury George A—f 1 c
Seabury S—f
White A P—f

VALLEY FALLS

Brown N D—f 1 c
Kinion P F—f
McInery Edw—f
Nye C P—f
Pasterson Wm—f
Ryan M J—f
Veitch J W B—f

WAKEFIELD

Babcock John E—f
Gardner T A & Co—f
Perry Howard B—f
Watson Oliver—f

WARREN

Greene Chas W—f 1 c
Martin Joseph W & E M—f
Smith R S—f
Titmas H G—f

WESTERLY

Barnes Everett—f
Bliven C B—f
Rugbee H T—f
Burke Edward M—f
Casey W H—f
Chester Irvine O—f
Coy Frank W—f
Eldred A E—f
Hillard Wm A—f
Martin A G—f
Morgan C A & E L—f 1 c
Price Walter—f 1 c
Rogers D H—f 1 c
Thorpe Howard E—f 1

WOONSOCKET

Briggs B M & Sons—f 1 c
Brindle Robert—f
Cavanaugh T—f 1 c
Coseboom J C—f 1 c
Fleurant J F Inc—f 1 c
Gaulin M—f
Girard Geo N—f 1 c
Greene Jas F—f
Larochelle N—f
Mowry Wm C—f 1 c
Mulligan Ambrose A—f c
Seagrave George E—f
Severin Harry H—f 1
Smith R P & Son—f 1 c
Sutton H P—f
Sweet M L B—f 1 c
Tuttle E F—f 1 c
Wilkins J—f
Williams Wm E—f

C. F. Newcomb**29 Weybosset Street****Providence, R. I.****Companies Represented**

Com'l Union, London
Commonwealth, N. Y.
Germania, N. Y.
London & Lancashire Fire
Mechanics, Phila.
Standard, Hartford
London & Lancashire Indemnity Company

Nightingale S A Co—f
Norberg & Co—f
Norton James A—f
O'Donnell J—f 1
O'Leary Arthur Inc—f 1 c
O'Reilly T M—c
Owens Jos J—f
Page Clifford D—f c
Parks Geo M—f
Philbrick C H—f
Pieper E G—f
Potter & Chapman—f
Power P M—f
Pratt C T—f
Quigg A W—c
Quigg J B—f
Randall Wm R—f 1

Starkweather & Shopley
(Inc.)**Fire, Marine
and Casualty Insurance****17 Custom House St.**(See New York City, Boston,
Mass and Chicago, Ill., List.)

Stearns M H—f
Stevens C M—f
Stone & Smith—f
Swift J H—f
Thomson J W—c
Tillinghast P S—f
Todd Mellor Co—f

SOUTH CAROLINA**ABBEVILLE**

Abbeville Ins & Trust Co—f 1 c
Blake J R—f 1
Chalmers Jas—f 1 c
DuPre J H & Co—f
Gambrell J M—f
Greene & Stone—f 1
Hill R E—f
Jones F B—f 1
Link Robt S—f
Miller J F—f
Smith H G—f 1
Williamson & Wilkinson—f 1

AIKEN

Ashhurst I W—f 1 c
Durban Geo M—f
Hutson John C—f 1 c
McCarter I L—f
Ott & Laird—f 1 c
Real Estate & Fidelity Co—f 1 c
Sawyer C E & Co—f 1

ALLEDALE

Johnson J H—f c
Oswald & Riley—f 1 c

ANDERSON

Barnes V M—f
Brown & Banster—f

Cathcart J M—f
Citizens Ins Agency—f c
DeCamps Frank—f
Dickson J W—f
Dickson M C—f
Feekel F W—f
Gelmer R A—f
Gilmer K E—f
Ginn R J—f
McGee H J—f
Mattison M M—f
Piedmont Ins Agcy—f c
Realty Trust Co—f c
Sharpe A M Co—f
Shumate J F—f
Sloan D P—f
Sloan W P—f c
Speer G W—f
Spencer G G—f
Sullivan J E & Co—f
Trowbridge J P—f
Vandever E P—f
Walton Ins Agency—f c
Webb C W—f

BAMBERG

Copeland & Riley—f 1 c
Denbow & Black—f
Dickinson G M—f 1 c
Folk J F—f
Graham H M—f 1 c
Johnson H W—f
Miley B W—f
Rowell R W D—f c

BARNWELL

Barnwell Ins Agency—f 1 c
Calhoun & Co—f
Green G M & Co—f
Hay C J—f
Home Ins Agency—f c
Jennings W C—f
McNab Wm—f 1 c
Richardson L G—c

BEAUFORT

Beckett Geo W—c
Bellingier Chas—f
Jay W P—f
Kinghorn J B—f
Lawton E E—f
Richardson W E—f
Thomas Wm J—c
Waterhouse Geo—f

BENNETTSVILLE

Bennettsville Insurance & Realty Co—f 1 c
Grosland H B—f
Mutual Trust Co—f 1 c
Newton R C—f 1 c
Smith & Palmer—f 1 c
Tyson J W—f 1 c

BISHOPVILLE

Bishopville Insurance Agency—f c
Citizens Ins Agcy—f c

James W A—f c
Scarborough W R—f
Stucky & Skinner—f c
Watford B B—f

BLACKSBURG

Anderson W—f
Baber Chas—f
Belue E K—f
Belue John F—f c
Kitchen J F—f
Morrow M H—f

BLACKVILLE

Blackville Ins Agcy—f
O'Gorman John—f
Wrapp T L—f

CAMDEN

Davis W P—f
DuBose & Boykin—f c
Hugh W R—f
Shaw & Perry—f
Schrock W A—f
Williams Fire Ins Agt—f c

CHARLESTON

Betha T W—f
Burmester J W—f
Burke E B—f
Campbell E P—f
Chisolm Edw—f c
Coleman J T—f

Dillingham J C—1
Dowie & Mure—f
Dunn J W—1
Duryea R H—f
Gadden C Deas—f
Gaillard E C—f c
Gordon & Dunkin—f c
Guerrard E P—1
Hastie W S & Son—f 1 c
Herndon M S—1
Heyward & O'Neill—f c
Honour J L & Co—f
Huguenin David—f
Huguenin Geo E—f 1
Hyde T T & Sons—f
Klatte C U—f
Kroeg A A—f
Legare & Rhett—f c
Leseman Jac D—f
Lowndes C T & Co
McDowell G J—1
McGee H T Agency—f
Marshall R M & Bro—f
Middleton W D & Co—f
Mordecai Gadsden Rutledge—c
O'Connell J J—f c
Pinckney L M—f c
Pinckney & Pinckney—f c
Price J T—f
Redding J F & Co—f
Reeves J B & Son—f 1 c
Robb A W—f
Robertson F M—f 1 c
Robertson J M—c
Schachte C B—f
Schachte Henry—f c
Simons & Co—c
Thompson & Thompson—1
Thompson W T & Co—f
Tonhey E P D—f
Trest & Israel—f 1 c
White J P—1
Wilbur W C & Co—f 1
William L A—f

CHERAW

Cheraw Ins & Trust Co—f 1 c
Citizens Loan & Trust Co—f
Estes C W—1
Godfrey S G—f
Malloy C A—1
Malloy J W—f 1
Maynard-Raley Realty & Trust Co—f 1

CHESTER

Brown W M—1
Edwards C C—f 1 c
Hardin W H & E H—f 1 c
Lathan Bros—f
Lindsay Jos—f 1 c
White T H & Co—f
Whitlock F L—1
Withers H H—1

COLUMBIA

Arbell C M—1
Archer J A—1
Armstead Miss Kate H—1
Bailey R L—f
Beard H H—1
Beckman N D—1
Blalock R J—1
Bollin & Sons—f c
Burney W M—f c
Cantey Edw B Jr—1
Cantey J M—f 1
Carroll J D—f
Carter Wm M—1
Cathcart James A—fe
Cay Edward—f
Clarkson N H—f
Crossland J B—c

Dial J D—f c
Dunn J W—f c
Ellison D G—f c
Fogle A W—f
Gaillard Withers—f c
Guaranty Investment Co—f
Hendley W S—1
Hiller W H—1
Hines Fred—1
Howard J C—1
Hyatt F H—1
Jenkins Miss Mary Gamebrill—f c
Kelly Chas L & Co—f
Kohn August & Co—f
Land J S—1
Lott J C—f
McDowell Robt H—f
Middlebrooke C M—f c
Middleton J S—f
Norris Robt—1
Parham F J—f
Reese J T—f c
Romanstine R M—f
Seibels Edwin G—f
Seibels E W & Son—f c
Sparkman S T—f
Summersett & Dial—f c
Swaffield W C—f 1 c
Thomas Roy Z—1
Thompson H T—1
Walker-Ravenel & Co—1 c

CONVERSE

Humphries R L—c

CONWEY

Buck H L—f c
Collins A T—f
Harry County Trust Co—f 1
Quattlebaum C P—f
Spivey D A & Co—f

DARLINGTON

Byrd A H—1
Carolina Trust Co—f 1 c
Darlington Underwriters—f c
Kollock A G—1
McCown J M—1
Rucker B H—1
Smoot J C—1
Vaughan Eugene F—c
Woodruff B E—f 1 c

DOVESVILLE

Chambers P P—1

DUE WEST

Agnew J B—f 1 c
Bonser Mrs H E—f
Brownlee O Y—f 1
Johnston S C—1
Kennedy A S—f

EASLEY

Bartan T T—1
Easley Ins Agency—f 1
McCrawley E P
Smith W C—1
Smith & Taylor—f
Smith W C—1

EDGEFIELD

Mims James T—f
Norris E J—f 1 c
Padgett, Harling & Byrd—f 1
Smith H A—f 1

FLORENCE

Aiken J B—1
Chase Sانبorn—1
Carolina Real Estate & Insurance Co—f
Chase & Howard—f 1 c
Chase J P & Son—f c

Commander C E—f c
Harper L B—f 1
Husbands H H—f c
Kuker T J—f
Lucas & Brunson—f 1 c
Spann J M—f
Taylor Forrest—f 1

GAFFNEY CITY

Dunlap E—1
Fort S L—1
Gaffney Trust Co—f 1 c
Phillips C E—1 c
Poole & Brockman—f
Pridmore J G—f 1 c
Robbins C C—f 1
Sams R O—f
Thomas W D—1
Wallace G W—1
Young G D—1

GEORGETOWN

Barr C D—1
Fraser & Co—f 1 c
Hazard Walter—c
Morgan W D—1
Oliver H L—f 1 c
Pyatt J S—1
Smith D T—f 1 c
Springs & Sian—f 1 c
Walker Le Grand—c

GRANITEVILLE

Ariail D M—f 1
Boyerworth O P—1
Hard A M—
McCreary R O—f

GREENVILLE

Allison A P—1
Anthony W B—1
Barton W A—f c
Beattie H—f
Branch S C—1
Brown & Hart—1
Caldwell T B—1
Caldwell McR—1
Cochran D W—1
Chandler S C—f
Felkel F W—1
Furman A G—f c
Gilfillin & Houston—f c
Glover H B—f c
Goldsmith Wm—f 1 c
Goodlett R C—f
Gr R E Loan & Ins Co—f
Harrison W B—1
Haskell T S—1
Hayne P T—f
Jones Carroll H—1
Kohn A H—1
Lawton T O—1
Lebby Wm—1
Lewis J E—1
Lipscomb J E—f
McDaniel W C—f
Martin Frank F—f
Merritt W A—1
Mitchell J F—f 1
Nelson J L—1
Richardson J F Jr—1
Rives Geo J—f 1 c
Rutledge J R & Co—f c
Scarborough Y W—1
Taylor Jno S—1
Thackston & Son—f
Townes S A—f
Traxler R E Co—f
Wallace W A—f c
Zimmerman S R—f

GREENWOOD

Calhoun W G—f
Chipley J S & Co—f
Crymes J E—f 1 c
Dowling G G—f 1 c
Durst J K Jr—f 1 c
Gaines J M—f 1
Goodwayn & Spence—f

Greenwood Trust Co—f 1 c
Hartzog A S—f
Hodges G C—1
Lee Lawrence—f
Medlock J T—f c
New South R E & Trust Co—f
Wharton J B—f

HARTSVILLE

Hartsville Underwriters Agency—f c
Lawton J J—f c
Parrott H M—1
The Realty Loan & Ins Co—f 1 c

HICKORY GROVE

Berice W S—1
McDill N M—f 1

JOHNSTON

Coleman W Lee—f
Derrick W C—1
Eidson & Yonce—f 1 c
Grant H D—1
Quartz & Watson—f c
Smith E H—1
Walker J L—1

KERSHAW

Kershaw Real Estate & Insurance Co—f 1 c
McCaskill J A—f 1 c

LANCASTER

Beaty R T—f
Beek T M—1
Farmers Bank & Trust Co—f
Lancaster Savings Bank & Trust Co—f 1 c
Mackey Jack—1
Moore & Williams—f 1 c
Robinson W P—c
Witherspoon M S—f 1 c
Wylie Jno D—f 1

LAURENS

Adams J J—f
Balle Geo & Co—f
Barksdale & Roker—f 1
Copeland M L—f
Dial W H—f c
Kennedy H B
Laurens Trust Co—f 1 c
Moseley C R—f c
Todd A C & Co—f c
Tolbert J F—f

LEXINGTON

Dreher E G—f 1 c
Fox A J—f 1 c
Leaphart C E—1

McCORMACK

Britt J E—f 1 c

MANNING

Conyers Marion—1
Cothran R D—1
Gerald & Davis—f 1 c
Horton E C—1
Ingram S E—1
Manning Realty & Ins Co—f 1 c
Wells R C—1
Wells C W—1
Wilson F N Ins Agency—f 1 c

MARION

Boatwright A B—1 c
Covington F F—1
Coxe W B—f 1 c
Elliott J B—1
Evans Nathan—f 1 c
Gregg R J & Son—1 c

S. C.—Marion, Con.

Hamer & Lewis—f c
Johnson J W—f c
Lewis H A—l
Littlejohn Col—l c
Marion County Trust Co
—f l c
Moore Mr—l c
Orr M V—l c
Rogers Wm C—l
Smith J Ben—l c
Stackhouse J B—l c
Witcover H—l

MAYSVILLE

Mayes C E—l
Mayes M C—f
Stuckey F A—l
Thames J W—f l
Thomas W G—l
Warren Geo C—f l

NEWBERRY

Allen & Griffin—f
Burton J A—f l
Halfacre J C & Son—l
Holmes R McC—f
Hunter F R—f
McSwain W A—f c
Reid B B—l
Security Loan & Invest-
ment Co—f l c
Spearman & Wallace—f l
Summer G L—f
Tarrant R L—f
Tidmarsh R M—l c
Werts R M & Co—f l c
Wilson F—f c

ORANGEBURG

Bryant R F—f
Crum W C Jr—f
Edisto Ins Agency—f
Lide Robert—f
Liles & Liles—l
Mellichampe S R—f c
Orangeburg Ins Agency
—f
Sease W K—f c
Sturkey L K—f l
Wannamaker H C—f
Watson A C—f
Wolfe & Berry—f
Woodard J H—l
Ziegler & Dibble—f l c

PENDLETON

Hard Mrs Jannie—f
Sadler B H—f
Sitton J J—f

ROCK HILL

Anderson G B—l
Brice W H—l
Culp Jas P—l
Douglas Wm A & Co—
f l c
First Trust & Savings
Bank
Hutchison D—l c
Johnson J E—l
Peoples Trust Co—f l c
Roddey W J—l
Stark C M—l

ST. MATTHEWS

Abls L M Ins Agcy—
f l c
Amaker T A—f
Barron P E—l
Dreher & Robinson—f
Ingett W A—f l
James C R—f
King B C—l
Loryea J H—f l c
Murray J A—l

SENECA

Clarke Ins Agcy—f
Edwards & Son—f c
Ellison C H—f c
Hopkins J Eustice—f l c
Nimmons R K—f
Nimmons W P—f
Todd J W—f

SPARTANBURG

Byers E D—l
Carlisle C H—f
Carlisle James H—f l
Coffield Jas—f l c
Colonial Trust Co—f c
Crews & Franc—l
Ferguson R H—l
Fridge A E—l
Glenn W S—f c
Hipp W Frank—l
Law A M & Co—f l c
Ligon Chas P—l
Ligon Ins Agency—f
Lyles T M—c

Moreland R A—c

Perrin L W—c
Suttles G C—c
The Elford Agency—f l c
Thomas O G—c
Womack M G—f l

SUMMERVILLE

Cauthen E E—f
Dehon W R—f
Walker L A—f

SUMTER

Calk Jas—l
Citizens Ins Agency—
f l c
Clack J R—l
Commercial Savings
Bank—f c
Consolidated Ins Agency
—f c
Haynsworth G E—f l c
Hood R S—f l c
Jones W S—l
Nabers S M—l
Moses Andrena Mrs—f
Moses P—l
Sumter Ins Agency—f l c
Sumter Real Estate &
Ins Co—f c
Upshur W B—l
Wallace & Moses—f l c
Whitehead W I—l
Wilson C H—l

TIMMONSVILLE

Atkinson B R—l
Charles R K—f l c
Epps H D—l
Garner & Rollins—f l c
Loman W H—l
Ross W C—f l

UNION

Bailey Lumber & Mfg
Co—f c
Citizens Real Estate &
Loan Co—f l
Citizens Savings Bank—f
Culp F B—f
Duke F C—l c
Farr & Thompson—f c
Nicholson Bank & Trust
Co—f c

WALHALLA

Moss J M—f l c
Seaborn Geo—f c
Verner J D—f c

WALTERBORO

Black D B—f
Black H W Jr—f
Henderson C G—f
Klein Jno M—l
Von Lehe John D—f l
Warren John D—l

WESTMINSTER

Barnett Geo M—l
Breazale J G—c
Butler D P—f
Carter J S—f
Marett K W—f
Moore Jos E—l
Mulky C J—f
Shirley F H—f l
Westminster Fire Ins
Agency—f
Witherspoon J D—f l c

WILLIAMSTON

Citizens Ins & Brokerage
Co—f c
Sullivan W H—f l
Williamston Realty & Ins
Co—f l c

WINNSBORO

Beaty W A—f
Caldwell J C—f
Cathcart J C—f
Fleanniken W H—f
Jennings J M—f l c
Ketchin H E—f
Lykes S E—f
Winnsboro Ins & Realty
Co—f l c

YORKVILLE

Boney D E—f
Grist Sam M—f l c
Lewis W W—c
Lindsay J R & Co—f l c
Long E W—l
Patrick P W—c
Woods D T—f l

SOUTH DAKOTA**ABERDEEN**

Anderson C G—f
Baker S M—l
Barnes Ira—f
Barrett Ins Agency—f
Bing John—l
Bolles Geo—f
Brown Bros Bank &
Trust Co—f c
Burnett C J—l
Burns C J—f
Conry Jos J—f
Craft Frank A—f
Easton C F—f l c
Erwin G M—l
Fletcher C C—f c
Gage T C—f c
Hulett W I—f
Lamont B C & Son—f c
Lasell & Link—f
Mabbott G A—l c
McDonald G A—l
Mason Meda—f
Merritt C E—f
Milligan A F—f
Narregag Inv Co—f l c
Paine R F—f
Peters Perry—f
Pond J H—f
Reed Ins Agcy—f c

Romans J B—f
Seguin W P—l c
Wade John—f
Wasunk Thos—f

ALEXANDRIA

Gingles J H—f l
Hill & Stillwell
Mohr H J—f c
Peckham & Schiltz—f
Thiel & Son—f
Thiel Geo—l
Van De Mark W E—f c
Vincent Frank—f c

ARMOUR

Addie J W—f
Barloon W J—f c
Booher Leroy—f c
Chesley & Brown—f
Dice L A—f l c
Eernisse Peter—f l
Floete F G—f c
Gallagher F P—f c
Putnam Clyde C—l
Walker & Gurley—f
Wanzer E P—f c
Wenzlaff Edgar—f c

ASHTON

Cole W E—f
Graves E N—f
Roberts D H—f l c

BERESFORD

Ackley Geo G—f
Asper Lewis—f
Bulow W J—f
Duerst Abe—l
Frieburg August—f
Hegnues Albert—f
Iverson Geo—l
Maidell H J—f
Ofstad Ole—f
Severson Andrew—l

BLUNT

McDaniel F A—f
Marianne R L—f

BRIDGEWATER

Anderson J H—f
Butts C—f l
Ryan T I—f
Shanard T J—f
Smith W T—f
Tschetter Jacob—f
Tschitter J P—f

Wipf E J—f l
Wipf E M—l

BRITTON

Abbott Byron—f
Cooley & Stiger—f
Gardner Robert—f
Jones Buell—f
Kaas Otto L—f
Kelly J F—f
Nelson A M—f l
Printup C E—f
Printup D L—f c
Staven M—f
Thorp W W—f

BROOKINGS

Akin T C—l
Allison A B—f
Button H—l
Carlisle M G—f c
Chappell T L—f
Cheever & Cheever—l
Fishback H—f c
Knapp & Lees—l
Knapp G F—f c
Lees I E—l
McCarl S H—f
Matson A—c
Purdy Wallace E—f
Thayer Geo F—f

BRYANT

Arneson G A S—f
Erickson Jos—f
Gage L A—f
Gebbie E J—f
Ruden E A—f c

CANTON

Anderson Hans—f
Brown H J—f
Carlson A B—f
Cooper & Cooper—f c
Cooper H N—f c
Cuppitt Wm—f
Dean & Helgeson—f
Dean E M—f
Ellis & Wilkinson—f
Hanson M H—f
Helgeson A—f
Helgeson T H—f l
Johnson Geo G—f l c
Lewis James—f
Rowe J H—f
Rudolph O A—f
Skartvedt G—f l c
Skartvedt M H—f c
Wilkinson H A—f

CASTLE WOOD

Curtis H H—f c
Skinner W N—f c
Walton E—f c

CENTREVILLE

Berwin Louis—f l
Bogue Alan—f
Gardner Walter—f
Mee Jas—f c
Thomson J S—f c

CHAMBERLAIN

Bingham J H—f
Drury E L—f c
Farmer W J—f
Graybill W C—f
Lawrence H L—f
Pilger G F—f
Pratt W H Jr—f
Reynolds F A—f
Tidrick C D—f l c
Whitbeck A C—f

COLUMBIA

Elliott T M—f l c
Holdhusen J F—f c
Smith A H—f

CUSTER CITY

Delicate T W—f l c
Hanley W F—f
Perrin C E—f c

DEADWOOD

Baggaley John & Co—f c
Carville J F—f
Gorder C O—c
Ickes W A—f c
Porter & Yeager—f c
Russell S W—f
Stilwell L W—f
Thomas & Regan—f c

DELL RAPIDS

Crisp Will—f
Hegge Oluf—f
Krouse H G
Larson L K—f
Lund W G—f
Mallory C A—f
Niabet W C—f
Smith Henry M—f l
Smith O H—f

DE SMET

Altfillisch L F—f
Andrews F M—f
Dawley C L—f l
Green E F—f

Mousbach P J—f
Warren Wm H—f
Williams O P—f

ELKTON

Clausen H R—f
Cuckow & Burke—f
Dressel F F—f
Ehlers H G—f
First State Bank—f
Gerlach F E—f
Grattan O T—f
Hoch Geo E—f
Hodge J E—f
Lovel Bert—f
Zalesky E R—f l

ESTELLINE

Calif A B—f c
Harswell C R—f c
Liebenstein M S—f c
Snyder J A—f c
Whittemore W E—f l c

FAULKTON

Cornwall I Allen—f l c
Latham D H—f
Moore A M—f
Norton C C—f c
Sickle V R—f c
Turner J P—f c

FLANDREAU

Bachman E A—f
Benson Lewis—f
Bigelow James T—f l c
Blewitt Ira F—f c
Booth H A—f l
Brokke C S—f l
Henry W S—f l
Hulverson L B—f
McCarthy J H—f
Sehyan Knut—f
Smith Jesse A—f c
Warren F A—f

FORT PIERRE

Northern Trust Co—l c
Sumner & McPherson—f c

GARY

Exchange Bank of Gary—f l c

GROTON

Basom N S—f l c
Bowler M F—f
Erwin W I—f
Gage T E—f l
Mather R A—f c
Miller W B—f c
Thede John—f

HERMOSA

Hesnard A T—f
Monaghan Thos L—f

HOT SPRINGS

Case H L—f c
Cleveland L E—f l
Eastman L C—f l c
Hedrick L H—f
Juckett E R—f c
Little F A—f c
Smith G C—f
Stockmans Bank—f
Ward Pete F—f
Wilson C A—f l c
Wilson S E—f l c

HOWARD

Adkins B E—f l c
Canfield L H—f
Cox F F—f c
Hanson G E—f l
Kaveny W F—f
McCullough D A—f c
Moore M A—f l
Smith Hugh—f c
Widel J A—f l c

HURON

Armstrong John—f l
Beach Bryant & Dickinson—f
Birks Samuel—f
Blake & Scott—f
Blake A B—f
Brough C L—f
Clark George—f
Donovan L—f
Ede Ernest D—f
Farmer W N—f
Hill Geo—f
Hill Robert—f l
Hinckley Lyman C—f
Kelley C A—f
McIlvaine C N—f
McMonies D E—f
Maul & Weir—f l c
Murrain M A—f
Palmer H A—f
Rice Fred—f
Sheeks George—f
Teets B F—f
Walkley R W—f
Ward Harry J—f
Whisman M D—f
Wright Geo—f

IROQUOIS

Boop W H—f
Ells W W—f
Hollister S W—f
Ohlsen C H—f
Sullivan T J—f
Wilmarth D F—f

KIMBALL

Griswold Fred—f
Lumbard E B—f
Smith H C—f l
Smith's Clyde E Ins Agency—f l c

LEAD

Corum F B—f c
Curran & Curran—f c
Feeney Joseph—f l c
Lusvier V A—f

MADISON

Ball F G & Son—f l c
Beardsley Wm—f
Berther M F—f
Blewitt J F—f
Davison J W—f
Fitzgerald J J—f
Grinager Peter—f l
Holdredge D D & Son—f
Mackay D F—f
Mundt F J—f l
Olstad C E—f
Opprud Jos—f
Penn H M—f l c
Roebeck Chas—f
Schmidt A G—f
Sheridan E & Son—f
Shipton Frank—f
Soper Leon—f
Soper F L—f
Sponholtz A W—f
Tobin Wm—f
Tuttle Geo—f
Urdahl Hans—f
Wadden N E—f
Wadden John W—f
Wadden V R—f
Wilmarth W D—f

MILBANK

Benedict E H—f
Blessner A J—f
Bury Geo—f
Fuller Thad L—f
Kohler Paul—f
Lockhart S S—f c
Martens Bros—f
Meehan F W—f
Middlebrook G C—f
Mills C E—f
Rix Geo S—f

Roberts F B—f
Roggenbock Jo—f
Saunders P C—f
Staats D—f

MITCHELL

Bidwell F A—f c
Branson O L & Co—f l
Crow John N—f
Downey A T—f
Drake Fred C—f
Foster Geo E—f
Hager A B—f c
Harris Mark—f
Kelly P H—f
Rathbun-McDonald Co—f c
Rex Geo H—f
Rowley Earl B—f
Tipton W E—f
Walrath J O—f
Wells J E—f l c
Williams J E—f
Winsor F H—f

PARKER

Chisby F L—f
Fisher A M—f l c
Sanford N A—f c
Stoddard K B—f c
Watson J W—f
Wendt E A—f c

PIERRE

Anderson C H—f
Cutting H E—f c
Hyde C L—f
Jackley J J—f c
Lockhart J L—f
Lytle F S—f
March D W—f
Mundt Wm J—f
Munson L E—f
Quackenbush H C—f c
Starr & Son—f
Whitcher C C—f l c

RAPID CITY

Ackerman Frank—f
Allen Bros—f c
Cox William—f
Crabtree C C—f
Farrar & Jepson—f
Henrichs H W—f
Hunt A C—f
Hunt G C—f
McCain Fred C—f l c
Randall Phil—f
Roberts E F—f
Wentzley Harry—f

REDFIELD

Bailey Geo—f
Bromley N P—f
Bruell W F—f c
Bull R T—f
Fisher Geo W—f l c
Issenhuth Wm—f
Ingles Tom—f
Johnson W G—f
Labrie A F—f l c
Moriarty M—f
Packard H P—f
Randolph A M—f
Sterling C D—f c

ST. LAWRENCE

Ives B F—f c
McCullen J F—f

SALEM

First National Bank—f
Gibson J W—f
Gifford Chas—f
Goldsmith D—f
Hart W H—f
King C L—f
Scanlan P W—f
Smith W A
Todd E J
Todd I J—f c
Wilson E H—f c

S. D.—Con.**SIOUX FALLS**

Babcock West—l
Banker J A—c
Burke Frank—l
Caille Louis—f
Campbell L C—l
Clark & Johnson Co—f
Craig L F—l
De Lange P A—l
Dauthit G R—l
Glidden D S—l
Harris C J—l
Hobson R J—f
Hollister Bros—f
Jones & Jones—l
Knowles, Dwight & Toohey—f
McKinney & Allen—f
Mallanney John—l
Moore G W F—l
Morcom E D—f
Mumby C H—f
Neister P J—f
Nichols L C—f
Norton Ins Agency—f
Patton J M—l
Rains W H—f
Schmuke A L—f
Scurr Orville—f
Sexton T W—f
Shaw B C—l
Sheldon J H—f
Stevens R G—f
Tucker R A—l
Tyler N S—f
Updegraff J G—f
Ustrud H A—l
Whitehouse F C & Co—f

SPEARFISH

Cooper & Hull—f l c
Henton & Henton—f
Kinney A L—l
Newton Geo W—f l
Warren Russell—f

STURGIS

Atwater H P—f
Bodley A L—f
Burton Burt—f
Flavin Mott—f
Rooney L W—f l c

TYNDALL

Abbott H F—f
Chladek F F—f
Krause Ed—f l c
Robinson R R—f l c
Thompson Wm—f c

VALLEY SPRINGS

Hetland E J—f l c
Hetland L S—f c
James W H—f c
Ross Otto—f c
Wright G W—f c

VERMILION

Barnum Jas L—l
Barrett C H—f c
Brosius Geo K—f
Cleland W L—l
Copeland J A—f c
Collins H L—l c
Cushman E M—l
Gunderson A B—f c
Gunderson C I—f c

Hart E M—f l c
Payne & Olson—f c
Pugaley R N—l
Runyan Charles—l
Tilton H G—f c
Westlund Eric—f l c
Whittemore A H—l

WATERTOWN

Bird J E—f
Bowen Frank—f c
Countryman F A—f
Dalamer Jay—f
Fahnestock John—f
Goepfert R D—f
Gove & Snyder—f
Hanten H M—f
Kranz Chas—f
Loucks & Mather—f
McMath W J—l c
Meadows F R—f
Meichals H—f
Meyers I H—f
Miller & Williams—f
Mowrey A—f
Scholtz Wm W—f
Sheldon S B—f c
Snyder C K—f
Walrath H D—f c

WEBSTER

Alley A M—f
Compton D B & Son—f l c
Cooms I S—f l
Cooper A T—f
Dunton Geo C—f l c
Halter Martin—f
Harris R W—f
Levy L G—f l

Smith A—f
Woodworth L H—f
Yeager F—f

WILMOT

Eastman R H—f
Hougen L S—f
Jones W F—f l
Minder A—f
Munro John A—f l c
Richert R C—l c

WOONSOCKET

Allen W H—f
Cameron J B—f
Carr E W—f
Cooney Connor—f
Dalton J R—f
Dzie H S—f
Hauge H W—f l c
Hobart H J—f
Stuart W S—f
Wolf R H—f

YANKTON

Bruce, Van Antwerp & Co—f
Cavanagh & Heaton—l
Dunn E H—f l c
Duus J M—f
Gamble Mrs Eva—f
Harris C J B—f
Lloyd D E—l
Ohlman M P Jr—f
Roberts G W—f
Smith J T—l
Walpole R E—l
Wecler R A—c
White Edwin T—f l c
Wyman A L—f

TENNESSEE

W. L. NELSON & CO.

GENERAL AGENTS

TENNESSEE TRUST COMPANY BUILDING, MEMPHIS, TENN.

ARKANSAS

TENNESSEE

MISSISSIPPI

Lumber Underwriters, N. Y.
Rhode Island, Providence, R. I.
Concordia Fire, Milwaukee, Wis
Globe & Rutgers, New York, N. Y.

Globe Underwriters, New York
Stuyvesant, New York.
German of Peoria, Ill.
Wisconsin Underwriters, Milwaukee

ATHENS

Bayliss J W—f
Dodson C F—f
Dodson W C—f l c
Fory M F—c
Keith C F Jr—f l c
Mehasey Owen—l
Moody H S—f
Reed J C—f
Riddle Fred—f

BOLIVAR

Bills J H—f
Bishop D E—f l
Crawford Wm H—l
Kahn A M—f c
Miller C A—c
Mitchell J L—f

BRISTOL

Brewer Jas K—f
Caldwell S E—l
Evans J L—l
Galloway H H—f c
Howell & Bachman—f c
Lyon J B—f l c
McFarland M A & Co—f c
Sanders H G—l
Sheen W G & Co—f c
Sheen W W & F R—l
Shipley H R—f c
Southwestern Agency Co—f
Wood Wm M & Co—f

BROWNSVILLE

Bond R N—f
Byrn J W—f

Bradford-Curie Ins Agcy

Currie W T—l c
Dupree N R—f
Keathly N B & Son—f l
Lyle G W—f c
Maddox & Sonfield—f c
Parker E G—f l
Powell B A Jr—f
Smith H J—l
Thomas S F—f
Tipton & Mann—f
Whitelaw E—c
Wildner J A—f

CHATTANOOGA

Adams H H—l
Amster Sam—l
Baker W E—l
Bass & Conner—f c

Biese C W—l
Bishop J W—l
Brown E E—l
Brown Hugh—l
Brown & Landress—l
Burton, Ireland & Wal—f
Cohn J J—l
Colburn W J & Co—f l c
Crimm C H—l
Crutchfield T W—l
D'Alemberte A H—l
Darrah A E—l
Drewry & Raulston—l
Duncan & Barr—c
Duncan L—f c
Elmore S B—f c
Etter J H & Co—f
Evans-Beene Co—f l c
Farrar & Reddy—f

Ferger J Fred & Bro-f
Gibson & Bonavita-c
Glover & Grady-f l c
Hall Bros & May-f c
Harmon L B-f
Head & Lanier Co-f l c
Hebdtich H G-l
Jackson Roy-l
Jones T P-l
Jordan R C-l
Keys F M-l
Kirkpatrick A L-f c
Lachman Stanley-f c
Langley W F-l
Landress T L-l
Long S P-f c
Love J Walter-f l c
Lowry W B-l
McFarland H L-l
McGaughey Jas M-l
McGee & Pryor-f l c
MacLellan Thos-c
Macrae & Stewart-f l c
May & Hall-f
Mynatt W N-l
Moyses Sol & Co-f l c
Norton J D-l
Nowlin E A-l
Olmsted Bros & Gates-f c
Owen, Love & Estes-f c
Pickens Mrs Carrie R-f
Roddy T B-f c
Rothwell R A & Son-f c
Rowles W R-f
Royalty C H-l
Shepherd Paul W-l
Slater R-l
Sloan A N & Son-f l c
Spence John S-l
Spencer-Dowler Co-f l c
Teter A I-l
Thatcher Wm C-f l c
Thompson T C Jr-f c
Thompson T C-l
Tyler's Insurance Agency-f
Vance Harry-l
Venchens V E-l
Watkins J M-l
Wester Earle N-l

CLARKSVILLE

Anderson P M-l
Bardwell & Co-f c
Beach Mrs Lena-f
Byers L N-f l c
Carter Marvin E-f l
Catlett & Patch-f
Fort Geo & Co-f l
Hanner M R-f c
Harper J R Sr-l c
Hodgson & Caldwell-f c
Howell & Atkins-f
McKeage J O-f c
Michel H L-l
Northington & Faulkner-f l c
Smith G Charlton-f
Thomas D P-l
Williams C L-f l
Yarbrough H N-f l
Young Clint-f l

CLEVELAND

Blackburn J R-f l
Fox Bros-f l
Hargis J B-f l
Harle C W & Bro-f c
Jordan T G-f
Knox O A-f
Moore B D-f l
Reynolds M H-f
Rogers T L & Son-f l
Stokes T H-f
Taber B H-f
Taylor John-f
Tonkin & Ramsey-f l c
Webb B M-f

COAL CREEK

Reed C R-f l c
Watts C J-f

COLUMBIA

Columbia Ins Agency-f l c
Elam J J-f
Farris Mora B-f l
Hendley, Cochran & Thomas-f l
Lipecomb, Burns & Godwin-f l c
Looney E D & Co
McAdams W G-l
Maxwell Sol-l
Regent & Zeitler-f l
Sheppard J M-f c
Vaughn W E-l c

CORNERSVILLE

Kennedy D C-f

COVINGTON

Boyd W T & Son-f l c
Garner James L-f l c
Girdner G A-f l c
Green Malcolm-l
Lindsay W H-l
McCalla A-l
McClelland J H-f l
Shelton J A-f c

DANDRIDGE

Felkner Mrs A M-l
Webster A H-f

DAYTON

Abel Rogt P-f c
Crawford & Dodd-f l c
Dean & Blevins-f l
Sanborn C D-f l c

DRESDEN

Jones Arthur-f
Lewis R T-f
Lewis T A-f l c
McCuan W A-f
Mayo G T-f l
Moran C H-f
Webb King-f l

DUCKTOWN

Anderson Jesse F-f l c

DYERSBURG

Atkins J W & Co-f c
Biggs & Watkins-f c
Brigham W L-f
Grigsby J P & Co-f
Hayes W R-f l
Maynard & Hendron-f
Moss R F C-l
Summers & Rhodes-f
Summers M S Co-f c
Watkins Fred C-f l
Wells T L-f l

ERIN

Clutts C A-f l c
McElroy Jno-c
Parker C N-f

FAYETTEVILLE

Alexander Bros-f l c
Allen Miss Carlee-f c
Cowden L E-f l
Evans Giles-l
Feeney R Ed-l c
Gaunt R W-f l c
Goodrich Geo-f l
Goodrich John T & Co-f l c
Merritt T L-f c
Newman J & Co-f c
Terry E S-f

FRANKLIN

Briggs J B-f
Cannon & Channell-f
Cowan Geo L-f
Ewin B D-l c
McCan J L-f l
McGavock Ed-f
McLemore & Hunter-f l
Marshall German-f
Mullins J-f
Murrey Tom-f
Perkins & Green-f
Perkins E M-f l c
Wallace T J-f
White B F-f
Wright G C-l

GALLATIN

Anderson D B & Son-f l c
Peay Mrs Ada-f
Tomkins Bros-f l c

GOODLETTSVILLE

Mathes A R-f c

GREENEVILLE

Armitage Jas-l
Armitage W H-f
Britton J D-f
Hacker J E-f
Howard N T & Co-f
La Rue S B & Co-f l c
Lowry Carl-l
Lowry Will-f
Pipe John M-f
Susong D S-l

HARRIMAN

Brooks G F-l
Foreman J C-l
Hannah W M-f c
Hendrick C E & Co-f c
Manley John A-f
Nelson Jno A-l
Ribble J H-l
Scott L O-f l c
Stone J W-f c

HUMBOLDT

Adams G J-f
Adair H P-c
Armstrong Mr-c
Dodson A R-f
Fox E L-f
Love J O-f l c
Jackson G V-l
McNeely R H-f l c
Mathis J W & Co-f l c
Senter Jno M-f l c

HUNTINGTON

Foster A W-f l c
Wright Neil-f l c

JACKSON

Alexander A M & Co-f
Biggs, Baldridge & Carroll-f c
Bumpus & Estes-f c
Caldwell, Vanden & Co-f c
Dunaway W E-f
Fulghum E-f l
Gates W W Jr-l
Glass T E-f
Hurt R A-f
Knott C D-l c
Lacy F R-l c
Landis C F-l
McClamrock W E-f
McCutcheon & Drake-f l c
Mathis L E-f l
Patton A V-f l c
Phillips W R-f
Polk, Ingram & Wisdom

Price J H-l
Rochelle Roy S-c
Sharp D L-f
Smith R C-l
Stovall & Shelton-f l
Sweetman L O-f l c
Taylor M H-f
Tigrett I B-f
Wilkerson & Benton-f c
Williamson E P-l
Williams Carl-l c
Witherspoon Ross-l

JOHNSON CITY

Bishop & Smith-f l
Galloway T J-f
Harrison W B & Son-f c
Lacy John-f
Martin & Byrd-f
Nease L M & Co-f
Sharp C C-f l c
Stafford B F-f
Stanyard Little-f l
Wofford Bros-f l c

JONESBORO

Cox Jno D-f l c

KENTON

Arnold C F-f
Garrett J L-l c
Hopper W J-f
Howell A M-f
King T M-f
Rumsey C A-l

KNOXVILLE

Barrows & McSpadden-f
Brooks Jno M & Co-f
Clements & Clements-f
Clements W H H-f c
Cunningham C S-f
Doll & Mynders-f
Dow S B & Son-c
Flenniken M F-f
Flenniken F W & Co-f
Garrett & Cannon-f
Gothard Clyde-l
Harkey, Shepard & Snyder-f
Heart Frank-l
Henderson Wm B-f l
Hendrickson & Jenkins-f
Hickman & Johnson-f
Huff Wood-f
Ijams Dr Howard-f
Irby & Ragsdale-f
Jennings & Searle-f
Knauff Sam-f
Lee W W-c
Lutz J E & Co-f
Lynn H W-f
McGuire Roger-f
McKinney T S-f l c
McMillan Alex Co-f
McMillan H W-l
McMullen, Simmonds & Pettway-f
Martin & Chamberlain-l
Maynard & McMillan-f
Neville S G-l
Rambo S R-f
Rogers Van Gilder-f
Scott Frank R-l
Serviss E E-l
Simmonds, House & Co-f
Simmonds, House & Co-f
Still J M-f
Terry & Malcolm-f
VanGilder Roger-f
Whittle M M-f c

LA GRANGE

McNamee Jno T-c

TENN.—Con.**LEBANON**

Anderson Alexander—f c
Anderson Sam M—l
Beard E E—f
Golladay Geo & Co—f c
Hill P Y—l c
McCartney A W—l
Robertson N G—l
Stiles Jno—l
Walker & Walker—l c

LEWISBURG

Alford J N & Co—f
Black T C—f
Bryant G B—l
Bryant & Lane—f l
Crutcher J F—f
Fox W D—f
Hendricks R G—f
Hopkins Bob—l
Kercheval W K—f
Lewisburg Ins Agency—f l c
McConnell S S—f l c
Moss J Lee—f l
Murray J M—f
Turner S J—f l
Wallace C C—f l c

LEXINGTON

Grafer H E—f l c
Hall R W—f
Stanford A S—l

LOUDON

Kollock Joe H—f l c

McKENZIE

Bass H H—f c
Cannon J P—f
McKenzie Co—f c
Perry C H—f l
Porter T M—l
Thomason & Scates—f
Young C F—f l

McMINNVILLE

Harwell & Howard—f l c
Hennessee E L—l c
Holder J—f
Jones R Ed—f
Mason & Colville—f l
Reams R M—f

MARTIN

Adams Rowlett & Adams—f l c
Bowden, Templeton & Ross—f l c
Farmer G E Agency—f l c
Fisher B J—f l c
Martin & Martin—f l c
Pate W E—f l c
Scott A L—f
Turner & Harper—f l c

MARYVILLE

Coventry A A—f l c
Goddard Jas & D R—f l c
Law J O—f l c
Walker R S—f c
Wine Wm—l

MEMPHIS

Adams S D—f c
Alley C Jr—c
Anderson Gordon M—l
Beasley Wellford Agency—f

Beattie G M—f
Bell Walter B—l
Bourne Edward & Co—c
Buckingham T N & Co—f

Calhoun S L—l c
Carver N R—l
Cochran & Martin—f
Collier Jas D—f c

Coyne L P—l
Dean & Tindall—f
Dickinson J F & Co—f l
Dobbins M F—f c
Dunscorn J S—f c
Edmondson W C—f l c
Edrington J F & Co—f
Emmett Howard—l
Erskine W G—f
Faxton F W & Co Inc—f
Fisher D A Inc—f c
Galbreath Percy—f
Grant Peter G—f
Guion H L Co—f
Hannah N T—f
Harris Emmett T—f
Harris Z T—l c
Henderson & Heyward—f c

Hill Frank F—f c
Hirsch S & Sons—f
Hood Frazier—l
Hunter F B & Co—f c
Jack J D—l

Lake R P & Son—l
Lawrence Wm H—c
Lehman A H—l c
Lewis C K—l
Lippitt J E—l

Martin N Hill & Co—f
Marx & Bensdorf—f l c
Mason, Carrington & Sons—f l c

Mathes Bros—f
Mathews & Speed Co—f
Mathews J W—f
Mathews R L & Co—f l

Maury & Stout—f
Maus H B—f
McKinney Jas W—l

Metcalf Bros—f
Mittelstadt Wm—f
Montedonico Proudft & Co—f

Moore W H—f
Morrison & Hoppe—f c
Nelson W L & Co—f
Newman & Prichard—f

Newson Brewer W—l
Omberg W F—l
Oутten & Sullivan—f

Pearce A W & Co—f l c
Rabby E R—l c
Redford C N—l

Rice-Chism Co—l
Roudebush W S—l
Sackett Oran L—f

Shomeaker S—c
Sibley & Erskine—l c
Sledge J T & Co—f

Sloan J B Jr—f
Smith & Wallace—f
Smith J M—l

Stein G F—c
Sugarman I—f l
Taylor T J & Co—f

Thompson & Tobin—f
Timmerman W L—f
Vance Ins Agency—c

Van Matre E—f
Walker J F & Son—f c
Ward B A—l c

Weathers Chas A—l
Wellford Thomas & Sons—f
Williamson E H & Co—f

Williamson S M & Co Inc—f
Wills B A—l
Wills E F & Co—f

Wood W H—l

MILAN

Collins Fred—f
Harrison J R—f
Rhodes J P—f
Thompson C L—l
Webb & Keaton—f l

MORRISTOWN

Bushong W D—f
Fisher J N—f

Grant E M—l
Holloway & Harris—f l c
Lotspeich A W—f
Price E G—l
Rice & Jarnagin—f c
Taylor R F—f
Williams & Son—f l c

MOUNT PLEASANT

Acuff & Harlan—f l
Irwin E—f l c
Ross C C—f l c

MURFREESBORO

Beard Richard—f
Black Eugene—l
Brevard & Stackird—f l c
Crichlow J H—f
Hale Alden—f
Love Clifton—f l c
Rion E T—f l c

NASHVILLE

Alexander H B—l
Alexander R L—l
Armistead R A—c
Armistead W B—f
Armistead Robt L—l
Askew W T—f
Baskett & Baskett—l
Baxter J A & Co—f
Benedict & Co—f
Bennie W A & Co—f c
Bradford Davis & Co—f
Brandon D G—l
Bringhurst Booten & Co—f

Brown J G—l
Brugh Harnett & Co—c
Buell & Crockett—f
Caldwell J E & Sons—f
Clairborne Mollie M—f l
Connell L B—f l
Coverdale N C—l
Crouch B Duke—f
Crutcher T W & Son—f
Currey R B—l
Dabney & Martin—l
Davis, Bradford & Co—f l c
Davis Paul F—c
Dickson D D—l
Dickens N B—l
Dryfus Sol E—l c
Dudley, Fite & Metger—f

Dunning J T—l
Eaves Wm H—l
Ewin B D—l c
Ewing F E—f
Fields B F—f
Fite Frank G—c
Folk C A & Co—f
Forde T M—l
Franklin J C—l
Fusch E A—l c
Gale W D & Co—f c
Gilmore-Clunan Co—f
Hall G—f

A. B. Benedict T. Graham Hall

Hall & Benedict

State and Local Agents
NASHVILLE, TENN.

National Fire of Hartford
Mechanics & Traders of New Orleans
Virginia F. & N. of Richmond
Sun Underwriters Agency of London

Henry R A—l
Hicks P H & Co—f
Hindman Julia—f c
Jackson H E—f
Jarvis A T—l
Lindsey A S—f
Litton G S & Co—f
Lovelthal Bros—f l c
Lucas J C—f

McAdams W G—l
McKee J B & Co—f l c
Marcombs J H—c
Ogden W A—l
Ouerbacher J—c
Parkes Leonard—f
Picton J M—f
Pilcher Stewart—c
Polk J K—f
Price Erwin—l
Raymond W H—l
Robinson R D—l
Rutland W P & Co—f c
Scruggs C J—f
Sharpe Mora H—f
Smith H H—l
Smith J H—l
Smith J M—l
Smith W J—l
Spurr, Gross & Co—f c
Stone D C—f
Struby M E—l
Sykes Chas—c
Taffman A R—l
Throop & Eastman—l
Timberlake J F—l
Torrey J D—l
Treanor J O & Son—f c
Turner R W & Co—f
Wade Gideon P—c
Warren F H—f
Webster W A—l
White, Swain & Co—f
Williams R H—c
Wrenne D P—f c

NEWBERN

Crenshaw J A—f l
Harris Jas T—f l c
Roop H A—f l
Scott & Co—f

PARIS

Alexander & Carter—f l
Cherry Mrs A G—f
Hastings C E & Co—l c
Johnston J J B—f l c
Patterson J A—f
White Alex B & Co—f l c

PULASKI

Abernathy W L & Son—f l c
Brown Tom—f
Cawden L E & Co—f
Daly, Wilson & Appleby—f l c
English W F—l
Flournoy J W—f
Follis D J—l
Harwell W F—l c
Harwood & Smith—f l c
Holt & Carter—f
Johnston M L—l
McMillion H W—f l
Riddle Geo T—f c
Smithson W B—f
Wilkinson Lee—l c
Wilkes Jno B—f l

RIPLEY

Anthony A S—f l c
Brodie Lucian—l
Henry F A & Co—f l c
Kee V G—f l
Kirkpatrick & Durham—f
Tucker Aubry—f

ROCKWOOD

Dannel J Tom—l
Fox J E—f l c
Hall W E—c
Lamb B J—l c
Lindley Geo P—f
Turner & Barnett—f l c

ROGERSVILLE Armstrong W K-f Kenner W D-f 1 c Saurener Ralph-f Sturm W F-f 1 c SAVANNAH Bell W F-c Welsh D A Jr-f c Williams Ins Agency-f c SHELBYVILLE Bearden E W-f Coble S G-l Cowan H B & Co-f c Moody C J-f c SOUTH PITTSBURG Cameron & Griffiths-f 1 c Fitzgerald R H-f 1 c Frear & Tate-f 1 Wilson W H-f 1	SPARTA Officer A O-f 1 c Sims & Erwin-f 1 c Sutton Frank H-f 1 c SPRINGFIELD Amis H T-l Crossway D F-l England Horace-f 1 c Johnson D R-l Harris & Dixon-l Payne & Mason-f 1 c Pike & Brown-f Pitt Mr-l Shannon & Powell-f 1 Shelton & Williams-l Smith, McClanahan & Millen-f 1 c TRACY CITY Abernathy W C-c Bell John-f Fults J D-f c	Schwoon Fred Jr-f c Wept E W-f TRENTON Caldwell S P-f 1 c Faucett J G-f 1 Happel T K-f Herron E A-f 1 c Wade & Wade-f 1 c TULLAHOMA Aydelott Doak-f Cates H W-l Davis Thurman J-f Harton John W-f Minson Captain-l Ransom & Co-f Thoma Eldon-f Ward Robt-l Welch John-l UNION CITY Cox J E-f Davis & Russell-f 1 c	Howard & Burney-f c Union City Ins & Real Estate Agency-f 1 c Walker Jno T & Co-f 1 c White & Quinn-f 1 c WAVERLY Blessing C J-f Carnell D C-f Cowen C W-f Gould P F F-l Nolan W B-f Ridings W B-l Saunders Mason-l Slayden L W-f Sullivan J E-l WINCHESTER Alexander H B-f Embre L C-f Gardner & Erwin-f 1 c Morton Hugh-l Templeton H M-f Walker W E-f 1 c Williams V R & Co-f 1 c
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TEXAS

Gross R. Scruggs & Co.

MANAGERS
SOUTHWESTERN DEPARTMENT
DALLAS, TEX.

REPRESENTING

Westchester Fire Insurance Co., for Texas, Louisiana and Arkansas.
Camden Fire Insurance Ass'n. of Camden, N. J., for Oklahoma, Arkansas and Louisiana.
Eastern Underwriters Agency, of Camden, N. J., for Texas, Oklahoma, Arkansas and Louisiana.
Allemannia Fire Insurance Company for Texas, Oklahoma, Arkansas and Louisiana.
Delaware Underwriters Agency for Texas, Arkansas and Louisiana.
Franklin Fire Insurance Company of Philadelphia for Texas.

EXCEPTIONAL FACILITIES AFFORDED AGENTS

ABILENE Behrens W J-l Cannon J-l Jones A B-f c Lambeth M C-f McDavid J L-f c Mots & Curtis-f c Motz Chas Sr-f c Muir V E-f c Reading H A-c Rollins T S-l Triplett G B-f Wise L C & Son-f c ALBANY Clarke A A-c Coffee S C-f Manning W L-f Matthews J A-c Reynolds A W-c Webb & Hill-f c ALPINE Baines G W Jr-f 1 c Dougherty Miss Flora-f Turner Otis-f c ALVARADO Kelly C A-f Oakes & Harrison-f 1 c Spinks Mrs Jessie-f ALVORD Henderson G E-f Jordan W O-c Whitley J M-f	AMARILLO Askew W A-f Blanchard C C F-f Christian W A-f Currie & Spann-f 1 c Lefforge F M-f McAlpine R H-f Patterson W B-l Priddy, McClellan & Priddy-f c Smith Roy E-l Summers J L-f ARLINGTON Christopher John W-f Collins A W-f Ditto Jas-f Dugan Wm M-f Huston A L-l Lane & Cravens-f Moore J M-f Wallace F R-f ATHENS Carroll W T-f 1 c Jones & Jones-f Landman E A-f Larue, Sigler & Parsons-f ATLANTA Cameron W F-f 1 c Goodman G N-c Graham W F-f Harper Geo H-l	Hutchins J M-l Miles Aquilla-fl c Mitchell F T-l Pruitt J D-c Sharrer A E-l Willoughby A L-c AUSTIN Bahn G A-f Boswell W A-l Brush W B-c Cooke Geo H-l Corner Richard-f c Costley Albert-l Covert C-f Delaney L S-c Dickinson B S-l Ebbeling & Christal-f c Fisher & Skelley-f c Fisher W W-l Hailey & Rather-f c Hammond R J-f Harris W W-l c Haynie Brooks-l Haynie H H-l Hendricks F C-l Houston J M-l Jones H C-f Lomax R C-f c Lucy Jas E-c Malone Pat-f c Millican & Collett-f 1 c Muenster J H-l Pressler & Ziller-f c Prowse Joe-f Raymond Jos H Jr-f c Robinson & Hamby-f c	Smith & Fulmore-f c Smith C O & Co-f Spruill & Allison-f Stacy-Robbins Co-f c Thompson & Orchard-f 1 c Tobin Wallace-f c Walling Geo Jr & Co-f c Wendlandt Carl-f Whitlock Mrs & Delaney-f 1 Young E L-l BAIRD Barnhill Martin-f Blackburn L L-f Day A R-l Ely W R-f 1 Hinds W A-l Jackson J R-f 1 c Turner J W-f BALLINGER Balhoger Insurance Agcy-f c Chastain & Co M D-f c Sharp Miss Maggie-f BANDERA Atkins H L-c Bryant Sam O-f Currie J W-c Duffy C H-l Meadows A-f Thalmann M R-f
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TEX.—Con.**BASTROP**

Griesenbeck Bros—l
Luckett C P & Co—f l c
Ransome W B & Co—f c

BEAUMONT

Anderson F C—l
Brown R L—f l c
Bumard & Aubrey—f c
Dilworth T E—l
Edmonds J R—l
Henry R R B—f c
Jarrett & Stafford—f c
Junker & Edwards—f l c
Lilly M—l c
McGill C H—c
Pennock O H Jr—f c
Riddle J M—l
Roberts & Corley—f l c
Roberts I D—f c
Routon H E—l
Smelker & Maxson—f l c
Shepard C B—f
Singleton, Bryan & Co—f l c
Smith M W—l
Smith R E & Co—f c
Strong W E—l
Stephens H C—l
Weiss V & Son—f l c
Zorn J Jr—f l c

BEEVILLE

Brown J W & Co—f l c
Chase J A—f l c
Marsh W R—f l c

BELLVILLE

Liermann A—l
Louwman A—f l c
Schauerhammer Carl—l

BELTON

Blair J B—f
Denny Chas F—f c
James W W—f
Pierce J W—f l c
West D M—f
Yarrell Thos & Co—f l c

BIG SPRINGS

Ambrose C D—f c
Lacy O T—f l c
Littler & Penix—f c
Piner R T Jr—f c
Potten J—f c
Rix Wallace W—l

BLOSSOM

Black A P—c
Hooper F W—f
Lenoir Tom—f
Patterson A L—l
Williams R B—f c

BONHAM

Bradford & Watson—f c
Evans Will H—f
Gibson & Taylor—f l c
Hendricks & Moor—f l c
Lowery Jos M—f l
Tapp G F & Co—f

BONITA

Camp S H—f
Gilbert M M—l
Haralson H H—l
Holland E E—l
Modrall J R—f

BOWIE

Benton T H—f
Buckner W B & Co—f c
Coffield W H—l
Green F C—l c

BRACKETTVILLE

Sergeant O F—f c
Veltmann Henry E—c

BRADY

Ballou W H & Co—f c
Brady Land Co—f
Case Tom—l
Hughes S W—f c
Jordan W W—c
Walker W W—l

BRENNHAM

Amaler Fred L—f l c
Bassett Libbey—f l
Brockschmidt Aug—f l c
Broesche H G—l
Curry Lee—l c
Delaney J D—l
Lockett J A—l
Simmons H G—l
Von Kalkstein Ad—l
Williams D C—f

BREMOND

Holbert R R—f
Moore J W—f
Schmidt H—f
Turner J W—f l c
Brockschmidt Aug—f c

BROWNSVILLE

Bartlett John—f c
Grider E S—f l
Mendenhall W K—f l c
Moler & Clint—f l c
Wood & Dodd—f l c

BROWNWOOD

Camp W T—f
Denman T E—l
Ellis J L—f
Gehrke E H—l
Gordon J M—f l c
Henley E B & Co—f c
Kidd & Bell—f c
McNeese W E—l
Mid-Texas Land Co—f c
Noel H M & Co—f c
Staton J W—l
Wear G F—l

BRYAN

Adams Geo—f c
Boatwright S L—f l
Derden Ed S—l
Gordon J M—f l c
Griffin Geo G—l
Hines J T—f
Knowles Mary C—f c
Lomax E B—l
Moore J A Jr—f l c
Reed J B—l c

BURNET

Hammond T E—c
Harrell Chas D Jr—l
Johnson Geo—f l c
Jones B—l
Jones Lewis H—f
King F W—f
Knox Robt T—l
Moses Ealy J—f c
Pearson M D & Co—f c
Reynolds M—l
Thompson J U—l

CALDWELL

Bowers R S—c
Gray J A—f
Jenkins Jessie W—f l c
Johnson Geo M—l
McIves J A—l
Wood Lela—l

CALVERT

Bedach Gerson—f
Gibson P C & Co—f c
Jones T B—f c

McCrarry Miss Birdie—f
Wynne Ida H—f c

CAMERON

Hefley Mrs Mamie E—f
Lesovsky F S—f l c
Parlen W D & Son—f
Rogers Wm R F—f l c
Stafford T C—f l c
Tyson S D—c

CISCO

Davis Connie—f
Mitchell M V—f c
Owen C—f
Owen Lee—f

CLARENDON

Beville A M—f c
Lewis L O—f l c

CLARKSVILLE

Antone & Fall—f
Barry Mr—f c
Canterbury E L—f
Cloyd D P—l
Dick A P—f
Edwards W E—f
Harman S W—c
Hooks David L—l
Taylor & Butcher—f c

CLEBURNE

Allin Phil T & Co—f c
Blakney W T—l
Bryan B F & Co—f
Byers & Warren—f c
Casey Robt H—l
Clayton The B F Co—f l c
Crutchfield B F—c
Dabney J F—f l c
Davis Mitchell—c
Griffith W H—f
Helsley W A—l
Horton B S—l
Horwood R J & Co—f
Kirkham Thos P Sr—c
Mertz C W—f l c
Morgan A M & Co—f
Rose W K—f l c
Smythe J C & Co—f c
Templeton Q C & Co—f c
Vickers & Hoffman—f c
Walker Wm R—c
Watts Mrs W E—c

COLEMAN

Boog-Scott R L—f c
Culp R E L—l
Cuthbertson W W—f l c
Dumas, Zimmerman & Hines—f c
Gideon W E—f l c
Johnson Jay—f
Ledbetter J P—f c
Maroney C A—l
Murray Frank—f c
Watson D W—f c

COLLINSVILLE

Collinsville Loan & Trust Co—l c

COLORADO CITY

Buchanan & Smith—f c
Glisson D F—l
Greene J H—f c
Harness G B—f l c
Jackson M K—l
Keathley Ernest—f l c
Major Louis—l
Morrison & Hastings—f c
Reese J B—l
Root G B—l

COLUMBUS

Hoegemeyer & Hastedt—f
Shaw L D—f

COMANCHE

Eanes J R & Co—f c
Hall Art G—l
Kearby J G—c
Palmer N A & Co—f c
Scherrill Hugh—l c
Wilson Abstract Co—f c

COMMERCE

Debenport C J—f l
Jernigin J D—l
Price S C—f l c
Sheely & Moore—f c
Smith J S—f

CONROE

Foster W N—f c
Kelley M C—f c
Llewellyn J—f

COOPER

Anderson W C—l
Clark Benj F—l
Lane & Tynes—f
McKinney Bros—f c
Ratcliff S C & Son—f
Simmons George R—f
Young Mrs J L—f c

CORPUS CHRISTI

Barnes & Chambers—f
Blacknall J C—f c
Bryant S T—f l c
Caldwell W H—f c
Clark George R—f c
Cole A Fred & Co—f c
Collins & Wheeler—f c
Cubage & Co—f l c
Farmer W H—f l c
Helscher W P—l
Lancaster L B—l
McC Campbell & Norton—f c
McMasters Mr—l
Southgate T B—f l c
Trask F P—l
Watson W T—f c
Wright Jesse—f c
Wright W C—l

CORSICANA

Addison D R—l
Bell E L—f
Blanding R P—l
Burgess Walker & Co—f c
De Lafosse E D—l
Hunt Michael—l
Johnson W H—l
Loggins P H—c
Moss G D—l c
Olmstead L D—l
Parham S L—l
Pinkston & Church—f l c
Polk & Caldwell—f l c
Rice D N—f c
Roberts J C—f c
Slaughter Lloyd—l
Stephen J R—l
Stewart J Y—l
Storey Fred—l

COTULLA

Knaggs G H—f
Manly C E—f
Thomas C C—f c

CROCKETT

Arledge H J & Co—f l c
Collins T E—l
Hail J W & Son—f c
Moore Jno I—f
Sallas J B—f
Warfield B B—l c
Winfree E & Son—f c

I. REINHARDT & SON

DALLAS

General Agents: **THE FIDELITY & CASUALTY CO., OF NEW YORK**

RESIDENT AGENTS

Royal Insurance Co. Ltd. of Liverpool
Hanover Fire Insurance Co. of New York
Fidelity-Phenix Fire Insurance Co. of New York
Commonwealth Insurance Co. of New York
Austin Fire Insurance Co. of Dallas
American Insurance Co. of Newark
Nord-Deutsche Ins. Co. of Hamburg

Home Ins. Co. of New York (Underwriters Agency)
Commercial Union Assu'ce Co. Ltd. of London
Hartford Fire Insurance Co. of Hartford
New Brunswick Fire Ins. Co. of New Jersey
Concordia Fire Ins. Co. of Milwaukee
Rochester-German Underwriters Agency of N. Y.

Mannheim Insurance Co. of Germany (Marine Department)

REINHARDT, PATTILLO & REINHARDT

DALLAS

GENERAL AGENTS

Hanover Fire Insurance Co. of New York

New Brunswick Fire Insurance Co. of N. J.

American Insurance Co. of Newark

CUERO Schwartz & Shippard—f l c Sheridan Joe—f c Summers & Duerr—f Woodworth & Putman—f l c	Craddock & Smith—f l c Craig H C—f Crotty & Miller—f Crutcher Harry W—f Dargan Leon—f Davis A L—l Day J W—f Dawson John M—f Dexter Chas L & Co—f c Dowell & Burgess—f c Fauqua A A Jr—l Foster H E & Co—f Freeman & Burton—f c Fuller R T & Co—f Galloway W T—f Gibbons John—f Gillespie G M—l Godwin Frank E—f Goudelock M Y—f Green A A Jr—l Grout J E & Co—f Hancock J R—f Hanway Geo W—f Harris D R—f c Harris H C—l Harris W G—l Hatfield J T—f Hearne Miss I—f Hereford Felix S—l Hereford J B—f Hereford F S—f Higgins & Pfouts—f Hillgoss S M—f Hodge R N—l Holden & Curless—f Hooper J E—c Hulsey Bros—l Hunt Carl M—f Irelson Ben—f c Jalonick Geo W—f Jalonick I—f Jarreau M G—f Julian B E & Co—f Keaton-Bryan Co—f Keeling E B—f	Kenison Alphonse—f King J B—f King S W Jr—f Kirby E E—l Lacey H H—f Lancaster E L—l c Lawhorn T L Co The—l Leake Wirt—f Lee & Lee—l Leiper Robt E L—f Lett J E & Co—f Levi Ins Agency—f Lewis E T—l Lindsley & Co—f McAleer & Donough—f McConnell Russell C—f McDonough J H—f McDowell R R—f McLary D D—f Manning T A—f Manns W A—f Mathews D J—f Meador R T & Co—c Meyers H G—l Miller Stemmons Co—f Miller Wm—f Mitchell R H—l c Monagan & Sliney—f c Morgan E—f Mummert M—f Munn T J—f Murphy M—c Neese J R—f Nisbet F A—f Oldham & Oldham—f Oldham & Cratt—f Patterson W H—l Phillips A R—f Pollard R L Jr—f Pope J A—f Popham J W—l Pratt J R—l Price R S—f Reinhardt, Patillo & Reinhardt—f c	Reinhardt I & Son—f l c Rhodes J A—c Rinehart, O'Beirne & Co Rosenbaum Bros—l c —f l c Sampson W A—f Sanderson & Hillgoss—f c Scruggs, Stuart & Caruth—f Scruggs Gross R & Co—f Seay & Hall—f c Slaughter Ed—c Smith J G—f Smith J P—l Smith N M—f Snell J H—f Stephens J E—f Taylor J S—f Temple S A Co—f Thomas Bros—f Thomas Chas F—f Thomas Jno M & Co—f c Thorp Ben—l Thorp Orville—l Tillman Sidney H—f Trezevant & Cochran—f Tucker P P—f Van Wart W H—f Verchoyle, Cunningham & Co—f l c Webber J T & Co—f Weems & Differ—f l c Weems Sam—l Webb J Y—l White W P & Co—f Woolard & Moseley—f c Wright C C—f Zintgraff A—f DECATUR Bailey J W—l Boyd & Mason—f c Boyd J E & Son—f
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J. M. THOMAS

G. M. EASLEY

L. F. BOULWARE

J. W. BLANTON

John M. Thomas & Co., General Agents

Successors to Cochran, Thomas & Co.

Dallas, Texas

TEXAS

ARKANSAS

OKLAHOMA

LOUISIANA

Rochester German Underwriters

Nord-Deutsche Insurance Co.

Indiana & Ohio Live Stock Insurance Company

Boston Insurance Co.

Old Colony Insurance Co.

BEERS, KENISON & CO.

GALVESTON, TEXAS

GENERAL AGENTS FOR

Atlas Assurance Co. Caledonian Insurance Co. of Edinburgh. London & Lancashire Fire Insurance Co.
Norwich Union Fire Insurance Society.
Standard Fire Insurance Company of Hartford. Sun Insurance Office of London.

MARINE COMPANIES

The Standard Marine Insurance Co., Ltd., of Liverpool. The Sea Insurance Co., Ltd., of Liverpool.
The British & Foreign Marine Insurance Co., Ltd., of Liverpool. Western Assurance Co., of Toronto.
Boston Insurance Co., of Boston. St. Paul F. & M. Insurance Co.

TEX.—Con.

DEL RIO

Brown G W—f l c
Forman J A—f l c
Gray & Reed—f c
Green & Green—f c
Jones W K—f c
McDowell C L—c

DENISON

Alexander H G & Co—f l c
Bridendolph & Whitehurst—f l c
Corcoran Con—f l c
Goldman M—l c
Handy & Faires—f l c
Kellogg E A—l c
Poston Mrs J B—f l c
Reardon T E—f c
Williams & Sharp—f l c
Willifred Fred—f l c

DENTON

Bailey W T & Co—f l c
Davenport B H & Co—f l c
Magee J P—f l c
Robertson Lad V—l c

DETROIT

Bailey & Guest—c
Bailey H C—f
Easley R J—f l c
Kerr C M

DUBLIN

Clay W J—f c
Dean Jno—f c
Jefferson Charley—f c
Maloney G B—f c
Pipes R L—f l c
Pittman J L—c
Ulmer C F—f c
Witcher & Keller—f c

EAGLE LAKE

Eagle Lake Ins Agency—f c
Westmoreland & Walker—f

EAGLE PASS

Douglas & Schmidt—f c
Hartup C W—f c
Murray J R—f
Rice Brothers—f
Simpson S P—f

EDNA

Moffett F G—c
Owen C L—f l c
Rowlett John O—f c
Staples A M—l
Stockard B S—f l c

ELGIN

Davis A H—f c
Gillespie Chas—f c
Keeble Walter—l
Moore & Moore—f l c

EL PASO

Behr Realty Co—f
Bowie H T—l
Broadus & LeBaron—f
Buchoz & Schuster—f l c
Coles A P & Bros—f c
Cornell H G—l
Crim Van P—l
Crowell Agency Co—f c
Crutcher G W & Son—f
Cruzen & Jones—l
Davis Bros—f c
Dockery & Co—f
Epps N A—l
Fall H W—c
Fisk & Ramsey—f
Hadlock E J—c
Hawkins Bros—f
Hunter Frank E—c
Kinne C A Co—f c
Latta & Harper—f c
LaSalle T Realty Co—f c
Lay H A—l
Lusk H E—l c
McGregor D H—l c
McKnight A L—l
MacMillan Mr—f
Marr Jas L & Co—f l c
Moeller Wm—f
Newman Investment Co—f c
Page J B—l
Park Bros—c
Payne W F—f c
Perry Kirkpatrick—f l
Ramey Bros—f
Reynolds Miss Xury—c
Rinehart R H—l c
Scales & Gregg—c
Smith J H & Sons—f
Stevens Horace B & Co—f c
Watts J J—f
Willson G A M—c

ENNIS

Arden W D—f l
Banner Realty Co—f
Boren & Brown—f
Craig J F—l
Griffin Chas—l
Reynolds Bros—f l
Sessions D S—l
Shipp & Curd—f l

FAIRFIELD

Anderson J G—f c
Childs Bros—f
Grayson C B—l

FARMERSVILLE

Huddleston J P—f c
Pendleton J E—f

FLATONIA

Flatonia Fire Agcy—f l c

FLORESVILLE

Cadena F T—l
Culpeper Chas—f
Ezzell O L—f
Graham H T—c
Hennington W W—f
Herrington E W—f

FORNEY

Adams Frank M Jr—f
Brooks M B—f l c
Center Care—l
Greenfield Emil—l
Newton W P—l
Rhea R P Jr—l

FORT DAVIS

Espy Joe—l
Prude A G—l
Stewart Jas—f
Thompson S A—f
Weatherby J P—c

FORT WORTH

Armstrong Thos M—l
Baker Jno F—f
Birdsong & Brown—l
Burroughs Geo—f
Childress Chas W—l
Collett & Siebold—f c
Cox T W—l
Crowley Frank B—f
Davis D C—l
Dobbs & Street—l
DuBos L H—f
Dyer Quimby—l
Eakle H P—c
Eaton J G—l
Edwards P H & Co—f c
Fosdick E E & Co—f c
Furman & Orgain—f c
Gilliland, Harwood & Smith—f c
Gray & Smith—f
Haywood Roy W—f
Head & Co—f c
Hollingsworth G W—f c
Johnson, Samson & Co—f l
Kenned Edw R—l
Littlejohn J B & Co—f c
McCheaney, Hill & Co—f c
McNaughton F D & Co—f c
Martin K T & Co—f c
Mitchell, Gartner & Walton—f c
Montgomery C G—l
Murphy T J—l c
Nelson Norman E—f c
Porterfield & Wynne—l
Prince & Byas—c
Samuels A W & Co—f c
Shaw W—l

Shilton Harry—c
Vera Reynolds & Co—f c
Walker Glen & Co—f c
Wallace & Howell—f c
Willie W H & Co—f c
Yates W—l

FREDERICKSBURG

Bierschwale & Wright—f
Brodie A H—l
Brodie S L—l
Keller A—f l
Koenig E J—f l c
Wright Geo E—l

GAINESVILLE

Allen O—l c
Allen-Ware & Co—f c
Beasley I & Co—f l c
Guy H—c
Parde F A & Co—f
Rowland W D—f
Russell Will—l
Thompson Edw M—f l c
Wilson & Cooper—f c

GALVESTON

Adrianse Jno Jr—f
Austin G T—f c
Beers, Kenison & Co—f c
Brown Chas R & Co—f c
Collins Ira E—l
Cuenod & Co—f c
Dorsey C H—f c
Fox L F & Co—f
Goff E W—l c
Hanna John—f l c
Hiegl & Ryan—f c
Lovenberg I—f
Montgomery & Co Jas—f
Northern & Levy—f
Rice E E—f c
Ryan Ed V & Co—c
Ryan & Douglas—f
Seinsheimer J F & Co—f c
Singer J—f c
Stewart Maco & Minor—c
Stowe J N & Co—f l
Tellefson J C—l
Worth R J—f l c

GATESVILLE

Chrosman J C—f c
Compton Howard S—f l c
Graves A P—f
Shows J B—l
Waldrop W A—f
Wells O F—l

GEORGETOWN

Flanagan W J—f l c
Foster Wharton L—f l c
Snyder J W & Sons—f l c

J. F. SEINSHEIMER & COMPANY

GALVESTON

LOCAL REPRESENTATIVES

Fire Insurance Department

Queen of America
Aachen and Munich of Germany
Northwestern National of Milwaukee
German Alliance of New York
Security of New Haven
Home Underwriters, New York

Eastern Underwriters of Camden, N. J.
German Underwriters of Milwaukee
National Union of Pittsburgh
Mechanics and Traders of New Orleans
Firemen's Underwriters of Newark
German-American of Pittsburgh

Bonding and Casualty Department

American Indemnity Company

Marine Department

Commercial Union of London

Steam Boiler and Fly Wheel

Hartford Steam Boiler Insurance Company

GIDDINGS

Burns E A—f c
Folkes J R—f
Suchs M E—l

GILMER

Briggs M B—f
Briggs T H—l
Elms W C—l
Harrison M M—f c
Mattox R L—f l c
Mathias John A—f l
Mayback Miss E—f l
Mothis Jno A—f l
Waghalter Sam J—c

GOLDTHWAITE

Brinson M N
Broon E M—l
Clements Phil H—f
Clements R E—l

GOLIAD

Baker Levi—f c
Britton W E & Co—f c
Cambell W B & Son—f c

GONZALES

Burchard C A—f
Cole W M—f c
Gardien & Kokernot—f l c
Herszik Jos—f l
Hoskins Conde R—f l c
Potts M L—f
Walker R H—f c

GRAHAM

Norris A O & Son—f c
Stewart A D—l c
Vick D G—f c

GRAND SALINE

Alexander R—c
Chestman Edw W—f l

Cox C H—l
Gibson & Gibson—f c
Mayfield C A—l c
Sim Florence—f c

GRAND VIEW

Abney J D—f l c
Hayne Thos H—f

GREENVILLE

Chapman Robt M—f c
Ende F V—f c
Etter S R—f c
Holmes A R—f c
Massey J M—f c
Tisdale J M—f c
Van Amburg J H—f c

GROESBECK

Collins Frank A—f
Oliver D—f c
Oliver Bros—f c
Walker Miss Rose—f
Wienbush Mrs Carrie—f

HALLETTSVILLE

Bruns Cohn—l
Long E T—l
Peterson Wm—f c
Rosenberg & Young—f c
Simpson Friench & Son—f c

HAMILTON

Hill & White—f
Perry Bros—f
Raddy Eph—f l c

HASKELL

Elkins Clyde F—f
Johnson Henry—f c
Key S W—f c
Long C D—l

McConnell H G—f
Rike H M—f
Sanders & Wilson—f
Whitaker B M—f

HEARNE

Crocker E S—l
Easterwood H G—f
Gowen W A—f c
Haigler J M—f
Lumpkin W C—l
Pugh Mrs F C—f c
Urech C S—c
Wilkerson W A—f

HEMPSTEAD

Cuny T B—l c
Edwards W J—c
Greig Paul—f c
Henderson Alvin—f c
Hughes Ellen L—f
Moonay Mrs M C—f

HENDERSON

Delamar W E—f c
Fowler L M—f
Griffin H L & Co—f
Preston E M—f
Smith Mrs Fenna—f c

HENRIETTA

Squires F E & Co—f l c

HICO

Cole M A—f l c
Rodgers J P & Bro—f l c

HILLSBORO

Colonial Ins Agency—f c
Hughes Sep R & Co—f l c
Lefevre Mrs Alleine M—f l c

Lowrey & Young—f l c
O'Brien & Kirkpatrick—l
Young & Young—l c

HONEY GROVE

Black J F—f l c
Bryan C B—l
Erwin Ivan B & Co—f l c
Gibson P P—f l c
LaMaster L C—f
Robnett J H—f
Stephens J B—f c

HOUSTON

Abbey W M—f
Adams & Porter—c
Allen J A & Co—f c
Bailey A H—f
Binz, Settegast & Oliver—f
Bowden J M—f
Blaine W T—f
Bradley C V & Co—f
Brewster C G—f
Burkett J W—l
Burks D F—f
Chapman Jas R & Co—f c
Childress & Taylor—f c
Christie & Lykins—f
Cochran's Ins Agency—c
Cotton S O & Bros—f c
Cravens & Cage—f c
Cummings O S—f l c
Dumble E H & Co—f c
Ellis Warren R—l c
Evans H R—f
Fraser W G & Co—f
Gartner & Settegast—f
Hadsall E B—c
Hamblin T N & Co—f c
Henderson Robt A—l
Houseman H L—f

JAMES CRAVENS

RUFUS CAGE

K. S. DARGAN

CRAVENS & CAGE

INSURANCE MANAGERS

HOUSTON, TEXAS

Fire

Tornado

Hail

Automobile

Casualty

St. Paul Fire & Marine of Minnesota
Mercantile F. & M. Underwriters of St. Louis
Firemen's of N. J.
Detroit Fire & Marine of Mich.
Michigan Fire & Marine of Detroit

American Central of St. Louis
Camden Fire Ins. Ass'n of N. J.
Firemen's Underwriters of Newark
Minnesota Underwriters of St. Paul
Texas Fidelity & Bonding of Waco

TEX.—Houston, Con.

Houstoun Jas P—f c
Hughes J A—f
Hunter William A & Co
—c

Kelly Wallace—f
Klempinger O T—f
Kirkland W H & Co—f c
Langham A D & Co—f c
Lea, Radford & Co—f c
Lewis A N & Co—f c
Lubbock Jno B—f
McAllister E S—c
MacLaughlin Guy—f c
Maillet & Bowen—f
Malone Clayton E—c
Matthews D J & Co—f c
Melton E B—f
Melton W H—f
Miller R E—l
Munce T O—f
Murf L A—f
Noble E C—f
Painter, Reichman & Co
—f

Parks J K—f
Perry & Sammons—l c
Peters H E & Co—f l c
Price R B—f
Raphael Bros—f
Raphael S G & Co—f c
Rice & Belk—f c
Shelton & Ames—f c
Shepherd E D—l
Smith, Marvin & Co—f c
Tibbitt John S—l
Torry & Co—f c
Vinson Insurance Agency
—f c

Warner A M—f
Westheimer Max—f c
Williams & Porter—f
Willson Joseph H—l c
Young & Felker—f c

HOWE

Davis C E—f l
Ferguson W W—f
Howdeshell J M—f
Hughes J A—f l c

HUBBARD CITY

Berry Walter E—f l c
Dean W R—f
Odell & Bishop—f

HUNTSVILLE

Bar W Y—c
Foster & Foster—f c
Singletary P H—f l c

ITALY

Freeman S—f l
George Whit—f l c
Jennings Will—f
Park P S Jr—l
Parker J M—f l
Stroud K G—f c
Walker D P—l

ITASCA

Coffman W H—f
Martin Dock K—l
Wilkinson Ed & Co—f c
Wood M S—f c

JACKSBORO

Adams L T—l
Breech Jas E—l c
Daugherty H T—l c
Davidson E M—l c
Isbell Walter—f c
Johnson Bros The Co—f
Simmons J P—c
Spillers Geo—f c

JACKSONVILLE

Brock R E—c
Burford John H—f c
Crim J R—f l

Crysup Festus—f
Duke A M—f l
Howard John—l c
Wuk L F—l

JEFFERSON

Goldberg I L—f
Stutz C A—f l c
Watson J W B—l

KAUFMAN

Goolaby H—f
Haines & Co—f
Harton C B—f l
Hubbard E V—l
Palmer Jesse—f
Shaw, Nash & Nash—f c
Terry & Brown—c

KERRVILLE

Fawcett W A—f
Hamilton J M—f
Storms Gilbert—f

KINGSVILLE

Dennett H C—f l c
Laws Ben T—f c
McCracken W H—f c
Wilson Ben F—f

KOSSE

Allen W D—f l c
Forbes & Brady—f
Robison Kit—f
Young J W—f

KYLE

Gross Otto—f c
Gross Wm—f c
Hart Jno J—f
Hartwell T F—f
Tompkins J W—f

LADONIA

Howse A M & Co—f
Weldon C W T & Co—f l c

LA GRANGE

Brown Mills—f l
Lenert Smith & Lidiak—f c
Weber E J—f l c

LAMPASAS

Price & Young—f l c
Spark M V B & Son—f l c

LANCASTER

Anderson W B—l
Hurst W B & Co—f l c
Perry W Y—l
Rea C R—f l c
Wills M K—l

LAREDO

Baker J B—l
Bunn T A—l c
Denike Ed—f
Earnest & Bunn Co—f c
MacMahon P J—f c
Mims Wm H—f l c
Ryan M S—c
Sanchez E B—l
Winslow A—c
Wormser Bros—f

LLANO

Carter J H—l c
Cone J A—f c
Hoester Ben—l
Marshall O—l
Oatmen M C—f l c
Orr Wilkins—f
Tarrence E W—c
Watkins W W—f c

LOCKHART

Dodd B F—f c
Du Boise-Carter Ins
Agency—f l c
Ellis J T—l
Galloway W S—l
Gommillion F H—l
Kelly M C—l
McDowell Mrs Alta—f
Smith T A & F R—l
Trigg R T—l

LONGVIEW

Boring J A—f
Gans & Smith—f l c
Watson & McCullough—f

LULING

Boggus J F—f
Bridges Mrs A C—f
Carter & Son—f
Jackson C L—f
Manford Miss Agnes—f

McGREGOR

Cherry A P—f l
Naylor & Crain—f l c
Stubblefield T W—f l c
Walker Edward—f l c

McKINNEY

Abernathy Gideon F—f c
Erwin R D—l
Jones M T—f c
Muse J M—c
Page Jno D—f
Pope Ben—f
Ray Robert L—c
Scott & Emerson—f c
Shirley W M—f
Stacy A H—f
Walker G J S—l
White & Davis—f c

MARLIN

Goode W T—f l c
Jones & Lyons—f l c
Oltorf Chas—f l c
Phillips Bros—l
Ragsdale F H—f l c
Sewall K—f
Simpson Mr—l c
Stanley L N—f
Stephens F M—l c

MARSHALL

Adams C F—f
Allen W D—f c
Carter Jno B c
Dunn J C—l
Field & Young—f
Littlejohn A C—l c
Littlejohn R P—f l c
Pence J L—l
Raguet & Gregg—f c
Stone Geo H—l c
Westmoreland A D—l c

MASON

Hey & Durst—t
Hey Ben Land Co—f c
Lemburg & Loeffler—f
Loring Van M—f l c

MEMPHIS

Batson J A—f
Boston & Delaney—f c
Brice Mrs Buchla—f
Brice R P—f l c
Dunbar Bros—f c
Hudgins E N—l
Norwood T B—f

MERIDIAN

Bounds Roy I—f
Hale P S—f
Hill T C—f c

MEXIA

Karner P—f l c
Murphy D A—f
Park J H—f
Peyton & Sweatt—f c
Smith Blake—l c
Smith J S—f l c

MIDLAND

Bashman-Shepherd & Co
—f c
Clark J Harvey—f c

MIDLOTHIAN

Rea C R & Bros—f l c

MIDLOTHIAN

Rea C R & Bros—f l c

MILFORD

Goldston J M & Co—f l c

MINEOLA

Gaston & Thomas—f
Hughes J A—f
Mansell & Falkner—f

MINERAL WELLS

Beeler Dick—f c
Boykin, McCracken &
Peak—l
Coleman J H—l
Durham J B—f c
Harris J T—f c
Herndon H C & Co—f c
Hopkins J B & Co—f c
Smith W P—l

MORGAN

Carruth S R—l
Covey S J—f l
Frazier Frank—f
Walton R W—f

MT. PLEASANT

Duncan C L—f l c
Furquay O M—l
Hays R J—l
Lindsay Minnie P—f l
Peterman H W—f l c

MT. VERNON

Goswick S D—f
Hill C R—f
Holbrook R W—f c
Mayers A—f
Rutherford J L Jr—f

NACOGDOCHES

Ingraham Geo C & F H
—f c
Sublett Ins Agency—f l c

NAVASOTA

Blackshear Templeman—f l c
Bridges E L—f l c
Horlock R W—f l
Jacobs H A—f

NEW BRAUNFELS

Clemens & Faust—f
Floege Chas—l
Hoekle W H—l
Moeller H C—c
Saur Carl & Co—f l c
Schneider A C—l
Zipp, Ludwig & Kloeppel
—f

ORANGE

Anderson E W—f l
Curry P B—f l c
Curtis Geo W—f c
Malone W H—f l c

J. G. HORNBERGER, Gen'l Agt. A. G. BECKMANN, Asst. Gen'l Agt.

SAN ANTONIO, TEXAS. GENERAL AGENTS FOR STATE OF TEXAS

HAMBURG-BREMEN FIRE INSURANCE COMPANY
GERMAN FIRE INSURANCE COMPANY
DEUTSCHLAND UNDERWRITERS
NATIONAL-BEN FRANKLIN FIRE INSURANCE COMPANY
HUMBOLDT FIRE INSURANCE COMPANY
PIONEER FIRE AGENCY

PALASTINE

Burkitt & Crane-f
Bush R N-f c
Eagle S-l c
Ezell & Townsend-f l c
Hinzie H M-f c
Hughes P H-f c
Jackson Ben D-l
Oment J W-f c
Rogers B F-f l
Ware Thos F-l
Wright-Kendall Co-f c

PARIS

Alexander M W-l
Allen J E-l
Baird Jas W-c
Ball J I & Co-f c
Brooks C B-l
Conner A B & Co-f c
Dargan K S & Co-f c
Galbreath & Dewees-f c
House & Palmer-f c
Jones J J-c
Jordan & Stevens-f
Love E-l
Norment & Broad-f c
Olson A J-l
Potter Chas-l
Ragland C M & Co-f c
Roach A W-l
Robertson T E-l
Snider J C-l
Such Jas K-l
Upton W H & Co-f c

PILOT POINT

Burks Will D-f c
Harris M J-l
Light & Elmore-f
Montgomery W B-l
Seis J Earl-f l c

PITTSBURG

Crain J K-l
Garrison E T-f
Green E R-f
Kennedy W A-f
Morris R A-f

PLANO

Bradshaw Joe-f l c
Carpenter E A-l
Carpenter G E-f
Crawford R H-f l
Dickerson J R-l
Johnston J T-l
Stanley W A & Co-f l c
Stark J T-f

QUANAH

Crowder & Wiley-f
Matthew S J-f l c
Robertson J B-f
Wilson J H-f

RICHMOND

Bell E D-f l c
Random R F-f

ROCKDALE

Corbett W-f
Gaiher W E-f l c
Lockett L-f
Phillips & Perry-f l c

ROCKPORT

Dewey H M-f
Hoopes J M-f
Johnson C G-f

ROCKWALL

Chisholm Joe H-f
Shelton M A-f
Walker W C-l
Wells Dick-l c
Wells J K-l

ROUND ROCK

Swenson & Thorp-l
Thorp E V-l c

RUSK

Bonner W S-f
Gregg E L-f c
Perkins Jas I Jr-f
Shook & Norman-f c

SAINT JO

Bowers Joe-f
Cunningham C E-l
Hemphill F H-f
Mitchell-Holmes Realty Co-f c
Sampson R F-f
Scott W L-f c

SAN ANGELO

Brandt Hal F-f l c
Broome C A & Co-f l c
Ions & McDonald-f l c
Mitcham & Birdwell-f c
Robinson W S-l

SAN ANTONIO

Abbey Elmer-f
Anderson R M-f
Archer, Osceola & Co-f
Baird & Howard-l
Baldwin A D-f
Baldwin J G-f
Beckmann A G-f c
Borden J G-l
Buck S M-f
Burttschell I A-f
Campbell T W-c
Carlton O S-l
Conness W S-f
Conness W S & Co-f
Conroy & Rice-f
Cooper R N-f
Dietz Irving-f
Dillon T T-f
Dittmar & Sanger-f

Eads Homer-f
Eichlitz Geo C & Co-f c
Ewing W K & Co-f c
Fisher Walter-l
Florian Chas H-f c
Florian F Ins Agcy-f
Ford Herbert C & E M-f

Griswold J C-f
Gosling Mrs Kate-l
Groos Fred C-f c
Hartwell & Co-f
Henderson & Lane-f
Herf & Eider-f
Herring W W-f
Hill H O-f
Hoefgen P P-l
Hornberger J G-f c
Howard Geo T Sr-f
Hunter Hugh-f
Johnson & Burnett-f
Johnston Fred & Co-f l c

Jones & Co-l
Leek W H-l
Leighton T G-f
Luter Mrs M-c
McGaffey Sol & Co-f
Meyer & Webb-f
Montgomery J Frank-l
Morris H-l
Mortin W L-l
Nicholson, Furnish & Smith-f c
Pawket, Torrey & Co-f c
Piper & Stiles-f c
Pandelfo S C-l
Rennert F T-f c
Richey & Casey-f
Robards & Dillon-f
San Antonio Loan & Trust Co-f c
Schulz E A-l
Smith J J-l
Tatum C H & Sons-l
Thompson & Robinson-f
Tobin Bros-f c
Trice & Ludolph-f c
Waggener D E B-l
Wester R H & Co-f
Zork Ralph-f c
Zorowsky Archie-f

SAN DIEGO

Croft W B & Co-f
Hoffman N A-f c

SAN MARCOS

Colbert W B-f l c
Ferguson & Co-f l c
Johnson D C-f
Ramsey A M-f l c

SAN SABA

Kelley S E-f
Kimbrough W H-f
Seiders Jno-c

Seiders Robert-f l
Urquhart W B-c
Walters G W-f

SCHULENBERG

Russek Gus-f l c
Russek Ignar-f

SEALY

Josey J J-f l c
Sealy Ins Agency-f l c

SEQUIN

Arend A-l
Donegan Hugh-f c
Gosemann H G B-f
Nolte Edgar-f
Tipe Chas E-f c
Willmanns The-l c

SEYMOUR

Francis & Rupe-f c
Rupe B F-l
Russey E W-f c
White H L-l

SHERMAN

Barton W L-f c
Billingsley A W-l
Blasingame & Dean-f l c
Carpenter & Belden-f l c
Carson J J-l
Cole A G-f c
Copley & Mills-f c
Eubank J J-f l c
Ferguson V R-l
Geren Jas P-f
Griffin H F-l
Gulick & Hall-f l c
Marshall Jno-l
Moore Forrest-f c
Shumate Palmer-f
Willbanks B B-l

SHINER

Bozka J F-f l c
Kunelka Land Co-c
Welhausen C B & Co-f
Wolters Bros-f

SMITHVILLE

Moore W L-f c
Saunders R J-f l c

SONORA

Cornell & Wardlow-f
Hagerlund J A-f l
Lewis Chas J-f

STEPHENVILLE

Garrett Wm H-f
Gray & Jones-f l c
King & King-f
Moss J W-f c

TEX.—Con.**SULPHUR SPRINGS**

Dickerson W H—f c
Foscoe & Pate—f l c
Henderson W F & Co—
f l c
Kennemur & King—f
Magrill & Foscoe—f c
Shook Gregg—f

SWEETWATER

Daniels E Q—f l c
Geldert B H—f c
Singleton W S—f c
Wight & Wight—f c

TAYLOR

Eckhardt Robt C—f
Everitt & Still—f c
Fisher Fred I—f c
Jones J S—f c
McNamara T H—l
Moody Mrs Daniel—f
Seiders & Hoke—f c

TEMPLE

Bassett W J—l
Carroll P W & Co—f c
Cole John A—f l c
Culp R O & Co—f c
Darling T J & Co—f c
Gresham G W—c
Hall & Hall—f
Kohont J H—f c
Miller J J—l
Strange S N & Co—f c
Swink & Jones—c
Talley Luther L—f c
Wagner H G—f c
Wilkinson J A—f l c

TERRELL

Cartwright & Cartwright
—f l c
Childress B T—l
Coffy Clarence—f c
Corley T E—l
Gill, Miller & Co—f l c
Griffith & Griffith—f l c
Grinnan & Grinnan—f c
Hill Chas T—l
Lewis S L—l
Reasonover Jno—l

TEXARKANA

Hennegan & Godbald—f
c
Orr Olin—f c
Offenhauser F W & Co—
f c
Rose Andrew—f l

THORP SPRING

Dabney E M—l
Shaffer G W—l

TYLER

Bonner C T—l
Durst & Hight—f c
Heradon J H—f
Johnson T L & Co—f c
McBride W H & Co—f c
Shaw Lee—l
Swann & Cousins—f c

UVALDE

Comporet John—l c
Hammond B F—l
Hornby Agency The—f c
Kelso E H—l
Seale E B—f c
Texas Realty Co—f

VAN ALSTYNE

Carter C E Real Estate
Co—f
Evans Mrs L B—f l
Fulton R S—f l c

VERNON

Coffee R H—l
Hockersmith H D—l
McCaleb Wm—l
McColloch C S—f l
Murchi F E—f
Sherrill R B—f c
Witty E L & Co—f

VICTORIA

Hofer L N—f c
McDonald James—f l c
Stevens L M—f
Wertheimer J H—f c
Zirjacks Chas—f

WACO

Benham S L—l
Besonette V K & Co—
f l c
Davis W H & Co—f
Dockery T B & Co—f
Fort Walter V & Co—f c
Freidlander & Ludde—f c
Halsey & Franklin—f c
Harris & Alexander—f
Hays Bros—f c
Husker T S—l
Killough J M—f
McKenney E S—l c
Mackey J H & Co—f
Marshall E W & Co—f c
Mayfield Jno D—l
Moore & Moore—f
Newton Jno D—l

Parsons R J & Sons—l c

Peerless Fire Ins Agcy
—f
Peasell G—l
Roberts A R—l
Rowlett W J—l
Russell W J—l
Sanger P Jack—f
Shumate N T—l
Subler Aaron—l
Vesey E J—c
Van Wyck W O—c
Weatherford Chas A &
Co—f c
Willig Geo & Co—f c

WAXAHACHIE

Kennedy C L & Co—f l c
Langsford, Phillips & Co
—f l c
McComos R D—f l c
Mizell, Peters & Co—f l
c
Phillips E F—l

WEATHERFORD

Bains R L—l
Boone W M—f c
Davis R W—c
Hambleton W J—l c
Hawkins W R—f
Keaton A D—f c
McCrary W W—l
Price J B & Co—f c
Taylor W D & Co—f l
Tucker J O—c
Vivrett W R—f

WEIMAR

Boettcher—f
Brasher H—f c
Duve Dr C E—l
Lessor W H—l
McLeary S B—l

WEST

Bresler E H—f l c
Deveny J M—l
Holloway & Boggess—f
West & Deveny—f
Windorf Reinhart—f c

WHARTON

Bolton Chas—f
Brown R M—c
Taylor J P—c
Vineyard R H—f l c
Wharton Ins Agency—
f l c

WHITESBORO

Buchanan J M—f l c
Cowell S B—f l c

Cravins J S—f
Janisen F G—f
Kelley J A—f
Key A—f
Noland J E—f
Provine W A—f
Summy G T—f

WHITEWRIGHT

Barber Tom—f l c
Montgomery S F—f l c

WHITNEY

Feagan & Collier—f l
Sayers R H—f
Smith Roy E—f l

WICHITA FALLS

Anderson & Patterson—
f l c
Bachman H J & Co—f c
Cravens, Mear & Walker
—f l c
Duke & Street—f l c
Fowler Bros & Co—f l c
Frieze & Peery—f l c
Grisham W J—l

WILLS POINT

Funderburk W L—f c
Gibbard, Tisdale & Bruce
—f c
Howell-Owens Co—f l c
Jordan J E—l
McPhail, Meredith &
Bacon—f c
Riley D L—l
Sanford R M—l

WOLFE CITY

Armstrong C W & Co—
f l c
Bush & Jones—f l c
Fuggett Joe M—f
McWhirter C P—f

YOAKUM

Adams W F—f c
Cook & Woodrome—f
Green W E—f c
Hill Bros—f c
Woolsey-Lacy Co—f
Young Bros—f c

YORKTOWN

Eckhardt R H—f l c
Kraege Otto—l
Lenz G A—f l c

UTAH**AMERICAN FORK**

Bank of American Fork
—f
Clark J H—f
Hickman F L—f
Hindley J R—f
Johnson H C—l

BEAVER

Barton John P—f
Barton R H—f
Ipson N P—f l
Pearce R H—l
Tanner J T—f
Tolton J F—f

BRIGHAM CITY

Baird John E—l
Bowring H N—f
Figgins H M—f c
Hinckley S E—f
Hoops J W—f

Jensen Elijah—f l
Knudson Jas—f
Lee & Dunn—f l c
Phillips John W—f
Walker Frank J—f l

CEDAR CITY

Arthur C J—f
Corry E M—f l
Foster S J—f l
Dalley M H & Son—f
Higbee M D—f
Houchen W H—c
Robb James—l

COALVILLE

Beard Geo—f
Branch W H—f

EPHRAIM

Anderson P C—f l c
Greaves P Jr—f
Quinn Geo—f

EUREKA

Freed S B—f l c
Shriver Wm F—f

FAIRVIEW

Christensen Albert—l
Danielson F J C—f
Nielsen Swen O—f

FILLMORE

Anderson C—f
Kelly J A—f
Stevens Dan—f

GRANTVILLE

Erickson A S—f
Huntington R J—f
Spry Wm—f

HUBER

Buell F O—f
Duke Robt—f l
Hatch Edwin—f l
Hatch Joe—f
Jensen J C—f l
Jorgensen G M—f l

HYRUM

Ames Hy B—f

KAYSVILLE

Barnes J G M—f
Blood H H—f c
Burton Chris—f
Gailley J R—f
Sheffield H J Jr—f
Swan Geo—f

LEHI CITY

Asher Wm—f l c
Evans Wm E—f

Fyfe James—f
Ross S W—f
Southwick Edw—f 1
State Bank of Lehi—f c
Wing Wm—l

LOGAN

Brangham R L—f 1
Cardon Co—f 1
Crockett John A—f
Flemming A M—f
Hatch H E—f 1 c
Hendricksen J A—f
Petersen H A—f
Piot A—f 1
Stewart J Z—f c
Weston Vernon—f 1

MANTI

Crawford W W—f
Dyregang & Carpenter—f
Sorensen E D—f

MILFORD

Chesley Barton—f

MILL CREEK

North H K—f 1 c

MONROE

Erickson F—f
Nilsson Bros—f

MORONI

Anderson—f
Jolley J L—l
Larsen D O—f 1
Tidwell L W—l

MOUNT PLEASANT

Anderson Rasmus—f
Beaumann H C—f
Lund C N—f
Rasmussen Daniel—f
Wall A C—f
Wall Henry—l

MURRAY

Atwood H C—f 1 c
Williams J C—f c

NEPHI

Balliston John—l
Burton T H—f
Whitmore G M—f
Winn T C—f 1

OGDEN

Ables J G S—f
Agee R C—f c
Arave D W—f
Bennett Geo D—l
Bratz E F—f 1
Brummitt J J—f 1 c
Cannadey E W—f
Cassin Jas F—f
Forristall J M—f c
Goddard B H—f 1 c
Goddard H H—f 1 c
Hunters R P—f
Ives C D—f
Kelley & Herrick—f 1 c
Kennedy O A—f

Knauss J H—f 1
McGuire F A—f
Mathews-McCullough Co
f c

Nye J C Agency—f
Peery Brothers—f
Preferred Ins Agency—
f 1 c
Pierce W N—f 1 c
Purdy H A—f 1
Rasmussen Carl—f
Skeen M Realty Co—f
Smith S S—f
Stephens F J—f
Weber W L—l

OPHIR

Bryan Geo W—f 1

PARK CITY

Clark Peter—f 1 c
Fares Henry—f
Heath & Armstrong—f
Shields H—f
Wight & Co—f

PARK CITY

Clark Peter—f c
Fares Henry—f
Heath & Armstrong—f
Shields Henry—f c
Wight & Co—f

PAROWAN

Adams Chas—f
Burtis Edw—l

PAYSON

Finlayson W J—f 1
Loveless Justin A—f

PROVO CITY

Battle Joseph A—f
Dixon Leroy—f 1
Garden City Realty Co—f
Holdaway Logan G—f
Home Ins Agency Inc—
f 1 c
Jones Ed T—f
Moore Eden—l
Smoot Berl—l
Thomas H F—f

RICHFIELD

Bean J F—l
Clark S G—f
Heppler C M—l
Jensen D P—f
Johnson Willis—l
Lewis & Hoffman—f c
McCarthy Homes—f c
Peterson Jas M—f

RICHMOND

Harris C Z—f
Hendricks Geo G—l
Kerr T L—f 1
Richmond Co-op Mer Co
—f
Schow August S—f
State Bank of Richmond
—f
Thomas A A—f

ST. GEORGE

Andras James—f

SALT LAKE CITY

Alder Geo D—l
Agency Co—f c
Anderson A L—l
Anderson Ins Agency—
l c
Ashton Jenkins Co—f
Burt & Carlquist—f
Buzard A J—l
Cameron R B—l
Cannon Ins Agency—f
Christensen A—f c
Clayton Ins Agency—
f 1 c
Curtis J W—l
Darling Elmer E—f
Davis F C—l
Demming & McMillen—
f c
Done W V—l
Eckstrom G—l
Ensign A H & Co—f
Fabian C C—f
Farrell Wm G—l
Fritch Inv Co—f
Fuller G C—l
Gen. Ins & Inv Co—f c
Giesy Walker Co—f c
Goddard Inv Co—f
Grant H J & Co—f c
Halloran Judge Co—f c
Hathaway F C—l
Hathaway J F—l
Home Agency Co—f
Home Trust & Savings
Co—f
Houston Real Estate &
Investment Co—f c
Hubbard Inv Co—f
Huntendon A P—l
Jennings Ins Agency—f
c
Jensen L—l
Jensen E—l
Jensen W C—l
Johnson J A—l
Jones E D—l
Kahn Edwin—l
Kempner Ins Agency—f
l c
King Wesley Agency—c
Kipp C D—l
Konold R—l
Leonard & Jenkins—c
Little & Little—f
Livingston D H—l
McKell W E—c
Mills E F—l
Moreton J B—f c
Morris L M—l
Mozley Frank—l
Partridge Thos W—f
Peck Geo W—l c
Perkes J L—f
Peterson O H—l
Peterson R E & Inv Co
—f
Rawlings F J—l
Richter A—f

Ricker E A—f
Rogers-Evans Co—f c
Salt Lake Security &
Trust Co—f
Scheid Karl A Co—f c
Shaw Jas K—f
Shepard E E—l
Smith Bros—f c
Smith J F—l
Smith J V—l
Spencer J D—l
Stohl L H—l
Taylor E W—l
Timby F A—c
Toronto A—f c
Tracy Loan & Trust Co
—f c
Tuttle Bros—f
Utah Funding Co—f 1
Wadsworth F E—l
Walker H H—l
Walker H L—l
Warnock Ins Agency—f c
Wells V P—l
Wicks E B—f
Williams B C—l
Williams E D—c
Windsor & Co—f c
Young & Fowler—f
Young & Young—f
Zion's Benefit Building
Society—f

SANDY

Crapo C C—f
Wilson W W—f

SMITHFIELD

Farmers Union—f
Houston W C—f
Miles E R Jr—f
Roskelley Jas—l
Smith A—f
Wallace Cad—f

SPANISH FORK

Creer R W—f
Jones John—f
Sneel I P—f
Sneel S P—f 1 c

SPRING CITY

Baxter & Blaine—f
Blain John S—f 1
Johnson J M—f

SPRINGVILLE

Deal Bros & Co—f
Jordan Elliott M—f
McPherson W B—f
Maycock G R—f
Mendenhall G W—f
Reynolds H T & Co—f
Westwood J M—f
Wood G S—f

TOOELE

Baker L L—f c
Gowans H S—f 1
Huntington R J—f

VERMONT**ARLINGTON**

Canfield F N—f
Eaton H T—f
Woodworth E C—f

BARRE

Ballard Nelson B—f 1 c
Desautels Peter—l
Dillon J W—f 1 c
Farrington N—c
Gorman Geo W—c

Griggs J C—f 1 c
Kent Geo—f 1 c
Linekin Geo L—f 1 c
McAllister Morton H—
f 1 c
Miles A E—l
Paige & Campbell—l c
Pape G Herbert—f 1 c
Parks Harry S—l
Ramage Rev James—l
Robertson John—f 1 c

Robinson R G—f 1 c
Woodruff H G—l

BARTON

Cutting F W—f 1
Thompson F D—f
Webster C B—f 1
Webster J N—f

BELLOWS FALLS

Barrett M J—l
Elliott H C—l c

Hayes L S—l
Leonard E S—f 1 c
Neyland Margaret—f c
Thayers The—f 1 c
Walker E L—f c

BENNINGTON

Booth E A—f c
Harris Emory S—f 1 c
Norton Harrison I—f c
Norton L S—l c

VT.—Bennington, Con.

Quinlan B A—f
Powers Chas N—f 1 c
Williams H N—1

BRADFORD

Davis V A—f
Eaton Ins Agency—f 1 c
Morris Mrs A E—1 c
Stilwell John H—f c

BRANDON

Hilton S L—1
Jones S W—f c
Williams Frank W—f c

BRATTLEBORO

Brittan Thomas T—f 1 c
Childs F W—1
Clay G M—f 1 c
Daniels S A—f 1
Horton W C—1
Putnam F W—1 c
Taylor H E & Son—f 1 c

BRIGHTON

Cobb L A—f c
Robinson Geo S & Co—f c

BRISTOL

Estey B W—f 1 c
Hanks C A—f 1 c

BURLINGTON

Aseltine Azro M—1
Bliss W R—1
Bond J A—1
Clifford N E—1
Daigle H J—1
Dean Theron S—1
Gladstone A M—1
Green C L—1
Hall L J—1
Hammond A C—c
Hawkins E W—f
Hickok H H—f 1 c
Hindes S W—1
Howard Harry S—f 1 c
Leary T F—f c
Magner Thos—1
North F L—1 c
Peck Ins Agency The
T S—f 1 c
Powell & Marks—f c
Safford J M—c
White J G—c

CAMBRIDGE

Powell Ira M—f 1 c
Smith F E—f

CASTLETON

Clark Henry L—f

CHELSEA

Adams B H—1
Barnes E D—1
Bixby H O—c
Corwin M H—1
Mattison H N—f
Sprague W H—f
Townsend W P—1 c
Tracy Geo A—f
Wilson Stanley C—c

DANVILLE

Brainard C D—f
Tinker J E—f

DERBY

Robbins W S—f

DERBY LINE

Flint J T—f

ENOSBURG

Aseltine A A—f 1 c
Gibson J A—f 1
McFeeters W R—f

ESSEX JUNCTION

Marvin David—f

FAIR HAVEN

Durick J C—f 1 c
Preston W H—1
Sheldon H K—f 1 c
Vaughn F O—c
Williams John—1
Wilson Dr J F—c

HARDWICK

Campbell E H—c
Clark W H—1 c
Dow W L—1 c
Dutton & Mulcahy—f 1 c
Johnson J Leo—1
McGovern Frank T—1 c
Morris M G—f 1 c
Noble J W—1 c
Welch Earl R—1

HARTFORD

Pingree W S—f
Reynolds M C—1 c
Watson Alfred E—f 1 c
White N W—f

HINESBURG

Andrews F S—f
Read Ed H—f 1

HYDE PARK

Hulburd R W—1
McFarland H M—f c
Waite S B—f

ISLAND POND

Cobb L A—f 1 c
Robinson G S & Co—f c

LINCOLN

Bristol C E—f
Gove M B—f

LUDLOW

Moore George M—f 1 c
Stickney, Sargent &
Shoals—f c
Walker Frank A—f c
Wilcox Julius A—f

LYNDONVILLE

Atwood H M—1
Campbell G M—f
Campbell & Blodgett—f 1 c
Cobleigh F E—1
Nichols S D—1
Smith Geo P—1
Stuart C L & Son—f

MANCHESTER

Anderson W B—f 1 c
Bundy W H—f
Fowler J W—f 1 c
Lawrence Mr—1
Utley R W—1 c

MIDDLEBURY

Burke J M—f 1 c
Douglas J A—f 1 c
Hubbard F J—1 c
Weeks J E—f c

MONTPELIER

Ballard S S—1
Brown Joseph G—f 1 c
Gross O J—1
Sumner Benj A—f 1 c
Washburn W C—f 1 c

MORRISVILLE

Barrows Ralph—c
Bryant H D—1 c
Cheney Thos C—f c
Morris G A—1
Niles A A—f
Raymore Chas—f
Smalley H A—1 c
Wilkins Glenn A—1 c

NEWBURY

Bowen A A—f 1 c
Knight M C—f
Randal Geo—f
Rogers B O—f
Slack Geo M—1

NEW HAVEN

Everest C S—f
Landon M J—f

NEWPORT

Cushman H B—c
Drown Harry—1
Groat A H—c
Rawson O H—1
Root & Blanchard—f c
Spear R W—f 1 c
Williams & Smith—f 1 c

NORTHFIELD

Orser H W & Co Agency
—f 1 c
Plaistrige Eugene A—f 1 c

NORTH TROY

Arel M C—1
Butterfield A H—f 1 c
Clark P I—1
Lewis H H—f

PITTSFORD

Burbank S K—f
Caldwell J A—1
Tiffany A D—f

POULTNEY

Cushman A E—f 1 c
Deyette D D—c
Edmunds Thos P—f 1 c
Wells Geo F—1 c
Williams A E—c

PROCTOR

Royce G H—f
Butler E P—f 1 c

RANDOLPH

Atwood J M—1
DuBois John H—f c
Gifford C C—f 1 c
Tewksbury E W—1

RICHFORD

Aiken Curtis H—1
Armstrong Wm G—1
Comings H C—1
Greene W B—1 c
Kelley F H—f 1 c
Mitchell C S—1
Wallace John H—1 c

RUTLAND

Burke J E—1
Burnham F H—f 1 c
Clark W A—f c
Dorsey Stephen C—f 1 c
Farrar H C—f 1 c
Field F A—f 1 c
Francisco M J & Son—f c

Heath A V—f 1
Heyman J—1 c
Hoadley J R—f c
Hoag C S—f 1
Hyland B S—1 c
Kent P H—1
Kinsley E S—1
Lull J C—1
McCarthy F A—f
Mason A C—f 1 c
Mason E G—1
Noyes E C—1 c
Pike Roger S—1 c
Richmond R L—1
Roberts F C—1

ST ALBANS

Atwood N N—f 1 c
Chase C H—1 c

Kearney J—f 1 c
Mason E L—f c
Meunier Geo E—1
Rhoades V—c
Stevens E P—f 1
Stranahan J C—1
Watson S S—f 1 c
Wheeler H E—f

ST JOHNSBURY

Balch H F—1
Boynton C F—1 c
Dimick O A—1
Genge V L—1
Hastings Chas S—f 1 c
Hastings L V—1 c
Impey James—1
Jacques F B—1
Lang Arthur—f 1 c
Lewis W C—f
Moore & Co—f 1 c
Morrill Geo H—f c
Nelson H M—c
Noyes A B—f 1 c
Simmons J W—1 c
Sprague W W & Son—f 1 c
Underwood Mertie—f c
West C H—1
Woodruff Caroline—1

SPRINGFIELD

David Fred C—f c
Lawrence & Wheeler—f 1 c
Leonard C G—f 1 c

STOWE

Cheney A H—f
Harris L L—f

SWANTON

Bradley E T & Co—f 1 c

VERGENNES

Barrow F—1
McCuen N J—f 1
Pierce C T S—f 1 c
Strong Wm J—f 1 c

WHITE RIVER JUNCTION

Davis Edw—f 1 c
O'Neill Robert C—f 1 c
Pingree William S—f
Russell Wm W—f c
Watson Alfred E—f 1 c

WILDER

Powers C H—1 c
Kibbie B E—c

WILMINGTON

Boyd Leslie W—f 1 c

WINDSOR

Blodgett E H—f
Boyce Chester—1
Chase Amos—1
Clark Frank H—c
Davis & Davis—f c
Greer Daniel—1 c
Heywood Leon—1
Hosington Harley—c
Howland Glenn C—f c
Jarvis Mary P—f 1 c
Kelley Elmer E—1
Noble B C—1
Reynolds Alfred—1
Senderson H D—1
Williams Herbert—1 c

WINOOSKI

Alapa L—1
Horton E H—f 1 c

WOODSTOCK

Cleveland Guy—1
Dana H S—f 1 c
Maxham A F—1
Spear H H—f 1
Thomas E A—1

VIRGINIA

ABINGDON

Dodd W S—f l
Hagy King A—f l
Kreger & Preston—f l c

ALEXANDRIA

Dyson & Paul—l
Fleming E J—f c
Graham & Ogden—f l c
Greensaw N S—c
Grubb H J—l
Lindsey Sam'l E—f l
McCuen Jno—l
Monroe & Marbury—f c
Normoyle John D—f c
Pelton Julius—f c
Real Estate & Investment
Corp of Va—f c
Slaymaker - Schneider
Corp—f c
Stabler Laurence—f l c
White H—f l c
Wise & Co—f l c

ASHLAND

Cox F H—f
Meyberg L E W—f

BEDFORD CITY

Fitzpatrick W A—f l
Scott J J—f l
Smith Miss Rosalie—f
Wharton C W—f
White & Lowry—f l

BERKLEY

Berkley L & Co—f
Berkley & South Norfolk
Ins Agency Inc—f c
Burkett W D—l
Keister & Co—f
Lyons S W Jr—f
Nash J W—f
Parker V L—l
Peoples Bank & Trust
Co—f c
Tilley G T—f l c
Tilley T C—l
Truitt Realty Co—f

BIG STONE GAP

Beverly W S—l
Kilbourn W B—l
South West Insurance
Agency Inc—f l c

BOYDTON

Bankervill C T—f
Beales M C—l
Carter & Wall—l
Faulkner & Bedinger—f l
Wall J W—f l c
Williams Haskins—f l c

BOYKINS

Beaton C T—l c
Beaton Norman S—f l c
Beaton S L—f l
Edwards W T—l
Horner Guy T—l

BRISTOL

Blackley & Brewer—f
Evans Jno—l
Galloway H H & Co—
f l c
Holt J W—l
Howell & Bachman—f l c
Lyon Co J B—f l c
McFarland Mrs M A—f c
Sheen Wm G & Co—f l c
Shipley H P—f
Sanders H G—l
Southwestern Investment
Co—f
Wood W M—f

BUENA VISTA

Paxton W T & Co—f l c
Peoples Bank—f c
Rucker A M—f l

CHARLOTTE C. H.

Daniel E F—f
Hutcheson C M—f l
Hutcheson R F—c
Smith W H Jr—l

CHARLOTTESVILLE

Antrim Burness—l c
Boone & Smith—f l c
Citizens Real Est & Ins
Agency—f l c
Cleland Walter—c
Crowder H M—l
Gancy Kemper—l
Gilmer Geo—f
Hankell L T & Son—f c
Hilleary H W & Co—f
Jackson J T & Son—f l c

Julian Corbett—f c
Lovegrove J W—l
Maphis, Twyman & Mc-
Kennie—f l c
Murphy J M—f
Nicholas R C—f l
Shaw Perrin F—f l c
Walker J W—l
Wheat J Allen—l
Woods & Lewis—f l c

CHATHAM

Carter J L—f l c
Collie J W—f
Reid E S & Co—f l c

CHRISTIANBURG

Ellett G F—f c
Mitchell & Miller—f c
Mitchell Geo W—l
Pierce W L—f l c
Tompkins M H—c
Walters & Colhoun—f

CLIFTON FORGE

Davis A B—f l
Dudley W C—f l
Flint J A—f l
Hawkins E B—f c
Hawkins R P—f l c
Massie E R—l c
Sprout J A—f
Tinsley W F & Co—f l c

COLUMBIA

Masley L E—f

COVINGTON

Carter C D Jr—f l c
Friend W S—f l c
McCaleb T B—f c

CULPEPER

Bickers J N—f l
Huddins Fred P—f l c
Jeffries Marion—f
Latham J F—f
Masters & Brown—f
Pulliam A W—f
Rixey Robert H—f l c

DANVILLE

Averett W P & Bro—l c
Catlin Jas T & Son—f c
Crews J D—f
Douthat Harvie—f
Hamlin Miss Ramey—l
Jefferson H M—f
Kinney T P—l
Meade E B & Co Inc—
f l c
Miller E H & Co—f l

Overley J E—f c
Parham E T—l
Patton, Temple & Wil-
lamson—f l c
Ponton & Hawkins—l c
Raine C A—f l c
Southall A M—f c
Swann, Harrison &
Graveley—f l c
Wade B H—l
Waddill-Holland Co Inc
—f l c
Walker B M—l
Walker J L—l

EAST BRADFORD

Dixon J T—f l c
Kearsley L P Co—f l c
Kenderdine W J—f l c
Sullivan G A Co—f l c

EMPORIA

Goodwyn E E Co—f l c
Harding W T—l
Lee Jesse—f l
Oliver W J—f l
Taylor H L—f l

FARMVILLE

Booker E R—f l c
Booker & Gilliam—l
Bugg C E—f
Cleaton P D—l
Cunningham C B—f l
Garland & Martin Co—
f l c
Johns R B Jr—l
Moore W E—f

FINCASTLE

Beckley A—f l c

FRANKLIN

Beale E L & E C—f l c
Beale J C—f
Bristow W O—f l
Gay Ashby—f l
Jenkins & Abbott—f l
Moury L L—f l c
Parker J C & Sons—f c
Woodward & Elam—f

FREDERICKSBURG

Allison & Co—f
Bernard Wm—f l
Botts A B & Co—f l c
Chichester & Co—f l c
Dempsey J P—l
Griffin Jno—f
Hawkins J L—f
Jones E L—f
Smith & Swift—f l

FRONT ROYAL

Duncan T S—f l
Ford C A—f
Kendrick W J—f l c
Trout W A & Son—f l c

GORDONVILLE

Dowell & Stratton—f
Gordonville Insurance
Agency—f l
Linney Norville A—f l c
McClure Robt M—f l
Mathias John H—c

HAMPTON

Clark A I—f
Clock E E—f
Hemmingway J M—f
Ingels N A—f
McCrillis G T—l
Mallon J N—f
Meyers O F—f
Parks D W—f c

Ridgeway Frank—f
Robinson Bros—f l
Robinson W L—f
Salesbury C E—f
Savidge Wm—f

HARRISONBURGH

Burke & Price—f l
Dechert E L—l
Dechert W L Corp—f c
Golden E A—l
Masters & Brown—f c
Shue Geo E—l c
Staples J C & Co—f l c
Tusing C J—l c
Yancey Wm—l

KEYSVILLE

Bigelow W L—f
Hammer A B—f c
Morton W F—l c
Oliver R W—f
Osborne Chas A—f
Peters Harry D—f l

LAWRENCEVILLE

May C E—f
Snow & Lashley—f l
Turnbull W & Bro—f l c
Upchurch J W—l

LEESBURG

Ferguson Geo O—l
Garrett & Co—f l c
Moore Clemens & Co
Inc—f l c

LEXINGTON

Burwell T S—l
Dold H O—f
Farmers Deposit & Sav
Bank—f
McClung J W—f c
Moore S R—f c
Moore Frank—f
Owen R L—f l
Quisenberry E A—l
Shields W T—c
Walker S B—l
Witt R R & Co—f

LOUISA

Cameron W V—c
Carter Geo P—f
Donnelly J P—f l
Gates A F—l
Louisa Development Co
f
Pendleton & Duvall—c
Thomson Thomas O—f
Woodward A B—f l c
Wright Jas W—l

LURAY

Bailey L R—f
Berrey T J—f l c
Bradley & Sons J Sam—
f l
Price J S—f l c

LYNCHBURG

Adams I H Jr—l
Barham P F—l
Carrington, Stevens & Co
—f l c
Carroll I H—f c
Cosby P G Jr—f
Davis, Childs & Co—f l c
Diggs & Minnigerode—f
Harvey A E—f
Ingram T J & Co—f l c
Ivey & Kirkpatrick—f l c
Jones Miss Anna L—f l c
Moss J C—l
Otey J M & Co—f l c
Seay Frank R—l

VA.—Lynchburg, Con.
 Scott Jas A & Co—f l c
 Smith Bros & Walker—
 f c
 Steptoe & Patterson—f
 Terrell H W—f
 Thomas Henry M—l
 Tyree & Wilkins—f
 Venable G V—l
 Walker & Mosby—f
 Wayt Wm M—f
 Wood John B—l

MCKENNEY

Batte & Ligon—f l
 Bell J C—f l
 Rives W C & Bro—f l
 Rives Bros—f l
 Zehmer J T—f

MANCHESTER

Adamson A L—f c
 Central Realty Co—f l
 Gee Bros—f
 Hamilton B F & Co—f c
 Royall Co—f c
 Yerty & Co—f

MARION

Brown Mrs C J—f
 Gills & Miles—f l c
 Sheffey Jas White—f l c

MARTINSVILLE

Burch T G Corp—f l c
 English J L & Co—f
 Greer & Brown—f l
 Piedmont Ins & Realty
 Co—f
 Tuggle R E—f l c

NEWPORT NEWS

Barrett Bros—f l c
 Bryant N W & Co—f c
 Chapin, Nelms & Bowen
 Inc—f l c
 Cottrell W E—f
 Harwood S J—l c
 Hoskins C R—f c
 Jones T B—l
 Mason M—l
 Miller Sol & Co—f c
 Murray Guy P—f
 Otis C R—l
 Patton Mrs May M—l
 Powell Trust Co—f c
 Reynolds Bros—f c
 Somerville Trust Co—
 f c
 Warren & Warren—f c
 West C D & Co—f l c
 Willett & Co—f c

NORFOLK

Ames M B—l
 Armistead & Borum—f
 Aunspaugh R C—l
 Baldwin Bros—f c
 Bensten W S Realty &
 Ins Corp—f
 Bidgood J V Jr—l
 Burton-Martin Co—f
 Burwell-Carr Co Inc—
 f l c
 Burrough & Jeffries—l c
 Carter W M—l
 Childrey & Metts—f c
 Cobb W C—f l c
 Coleman Bros—l
 Collins & Van Denbergh
 —f
 Commonwealth Ins Real-
 ty Co—f
 Cook W R—l
 Coupland J R—l
 Creekmore T J & Co—
 l c
 Crockett E P & Co—f c
 Dey G W & Sons—f c
 Dobie R L—l c

Dodson W P—l
 Ferrell & Co C H—f
 Finley Lowry D—f l c
 Gordon & Hume—f
 Grubb W N—c
 Hickman W E—l
 Hill G B—l
 Hoggard H C & Co—f
 Humphreys D & Son—f l
 Jacobs & Co—f l c
 Johnson E B Co Ins—f c
 Johnston T M & Co—f
 Jordan J M—l
 Keister Co—f
 Lambert & Justice—c
 Letterman J J & Co—f l c
 Lloyd Howard—l
 Lyons S W Jr & Co—f c
 McLean O B—l
 Peoples Bank & Trust
 Co—f
 Richardson R R—l
 Royen Jno B & Co—f l
 Seaboard Ins Agcy, The
 f c
 Smither T J—l
 Stephenson & Taylor—f
 Thomson, Etheridge &
 Co—f c
 Tilley G T—f c
 Trice W H H & Co—f
 Truitt & Savage—f c
 Walke & Son—f l c
 Whitehurst C N & Co—f
 Williams R E—l c
 Willis Co The—l
 Woodard & Joynes Inc
 —f
 Woodside Jno M—f c

ORANGE

Carter R W—f
 Mason W B—l c
 Samuels-Garrett Ins Agcy
 —f l c
 Shackelford-Warren Ins
 Agency Inc—f c
 Warren H C & A B—l
 Wills J Reid—l

PETERSBURG

American Banking &
 Trust Co—f
 Cuthbert Bros—f l c
 D'Alton F A—f l c
 Dunn James—l
 Goodwin E P—l
 Harrison R A—f
 James Howard B—l
 Moyler J Edward & Co
 —f l c
 Moyler John—l
 Patterson N T—f l c
 Talley W H—f l
 Venable W L—f
 Woody H M—f l

PHOEBUS

Cumming J M—f c
 Morgan M H & Co—f c

PINNERS

Pollard Wm A—f l c

POCAHONTAS

Newton J M—f l c

PORTSMOUTH

Bain J C—f
 Bain T A—f
 Bilisoy F N—f
 Briggs F T—f l c
 Brooks-Parker Co Inc
 The—f c
 Central Insurance Agency
 Inc—f
 Claud M P—f
 Emmerson J C—f c
 Glazer Phillip—f
 Home Insurance Agency
 Inc—f c

Kaufman Jeter C—f l
 Leafe Jos W & Co—f
 Leigh J Wm—f
 Miller Frank H—f
 Trant, Reynolds Co Inc
 —f l
 Welton Chas R—f l c
 Williams Lawrence—f

PULASKI CITY

Baldwin B F—f l c
 Brewer O C—c
 Cave W W—f l c
 Colfee E W—f
 Fitzhugh R G—l
 Leache C H—f c
 Peoples Ins & Realty Co
 Inc—f l c
 Price Walter C—l
 Thomas C H—c

RICHMOND

Adamson A L—f
 Alfriend T L & Son—f c
 Arrington I L—f
 Augustin Royal & Co—f
 Bache H K—f
 Bossieux J M—c
 Bowe Wythe D—f
 Bowe W W—f
 Cary T A—l
 Chapin & Hume—f c
 Cruchfield E Millford—
 —l
 Davenport & Co—f
 Diggs & Moseley—l
 Dodson W P—l
 Drewry J C & Co—l
 Eppes-Eppes Co—f
 Fairbank Grayson L—c
 Freeman W B & Son—l
 Gibson & Moore—f c
 Gordon John W—f
 Graves Jas W—l
 Hardwicke W W—f l c
 Hardy W B—l
 Hamilton & Campbell—f
 Hanis A H—f
 Hart M D—l
 Hatke L B—f
 Hennich & Puller—c
 Hutzler & Guy—c
 Jefferson & Harvie—f c
 Licky-Crenshaw Inc—f
 Lochr Chas E Co—f l c
 McCue & Alsop—f l c
 Maury W G—f
 Midyette D R Co—l
 Montague & Co—f c
 Moore J B Jr—c
 Morton W E—c
 Moyler John—l
 Pleasants A L & Co—l
 Pleasants F—l
 Powers P S—c
 Pulliam Robt M—f c
 Pulliam S T & Co—f l c
 Putney D A—l
 Richardson C B—l
 Richmond Trust & Sav-
 ings Co Inc—f
 Ruffin B A & Co Inc—
 f l c
 Ruffin B A & Co Inc—f
 c
 Schaefer Robt—c
 Shepherd A P—f l c
 Sills N D—l
 Skipwith G N—c
 Spence E Leslie & Son
 —c
 Straus Julius & Sons—
 f l c
 Swineford H & Son—l
 Swineford O—l
 Swintz O O—l
 Tabb F Garnett—l c
 Talley, Ryland & Hobson
 —f c
 Va Bonding & Ins Agcy
 —f c
 Walker D N & Co—f l c

Walters & Morton Inc—
 f c
 Wherry & Co—f l c
 Wilmer A P—l
 Williams John C & Co—f
 Willis & Johnson—f
 Wortham & Munford—l

ROANOKE

Anderson W W & Co—f
 Andrews W L—f
 Antrim John—l
 Boswell Realty Co Inc—
 f
 Brady & Wellford—f l c
 Columbia Trust Co—f l
 Coppridge W D—l
 Davis & Stephenson—f l
 c
 Davis W K—l
 Fishburn Chas R—c
 Glasgow, Bowling &
 Turner—f l
 Goff J W Jr—l
 Husk & Mamm Co—f l c
 Jennelle M J—c
 Kregloe C E—l
 Lunsford C & Son—f l c
 McClanahan W S & Co
 —f l c
 Magic City Realty Co—f
 Moore Wm R—l
 Overstreet W I—l
 Pace Bros—f
 Rhodes S T & Son—l
 Roanoke Investment Co
 —f
 Savings Investment Cor-
 poration—f l
 Speed E W—f
 Speese C M—f l c
 Starkey H C—f l
 Stras & Persinger—f l c
 Turner & Turner—f
 Union Investment Co—l
 Warren, St Clair & Gil-
 lespie—f
 Weaver Investment Co
 —f
 Wells Jno N—l
 Wingfield & Harrell—f l
 Wolfe & Snyder—f l c

ROCKY MOUNT

Arrington G A—c
 Davis C J—l
 Greer C S—f
 Manafee W C—f l

SALEM

Chapman J H—l c
 Oakley W H—l
 Persinger J S—f c
 Smith J H—f c

SALUDA

Saunders John R—f

SCOTTSVILLE

Beal Jackson—l c
 Dorrier W S—f

SMITHFIELD

Barrett A S—f
 Chappell J W—l
 Clarke John I—l
 Coleman Bros—f l
 Folk Wm L & Co—f
 Nelms Mrs S E—f
 Woodward & Elam—f l c

SOUTH BOSTON

East R A—f l
 Fry, Jordan & Wilson—
 f l c
 Gates & Lea—f l
 Tucker J D & Co—f l c
 Watkins, Barkdale &
 Watkins—f l c
 Wright Jno A—l

STAUNTON Augusta Ins Agcy—f Bowman Chas P—l Crawford Jas A—f l Cushing E J—f c Hevener Jacob—f l Hoge & McChesney—f c King Foster—l Kiracofe Jno R—l Knowles A L—l Londree J M—f l McCue W T—f McIlhany H M—f Perry W J Corp—f l c Sproul & Crowle—f c Werner Philip H—l	STUART Vin & Stedman—f l c SUFFOLK Dunn S R—c Hosier J Walter—f Jones & Co—l Jones & Hines—f l c Jordan Walter—l Kilby Bradford—f Norfleet R J & J B—f l c Riddick A A—f l West & Withers—f l c Woodward & Liam—f l c TAPPAHANNOCK Dangerfield G—f l c WARRENTOWN Brooks Frank C—l	Evans Miss Louise—c Fletcher A Jr—f l Fletcher Geo L—f Gaskins F D—l c Hotchkiss E I—f c Hutton H J—f l c Ritnour Hugh K—l Robertson Walter H—l c WILLIAMSBURG Brooks A—f l c Peachy B D—f Savage & Mahone—f Ware Mrs Viola—l WINCHESTER Baetjer J Geo—f c Brown Miss Fannie O—f	Bryarley H R & Bro—f l c Good & Co—f Hansbrough & Carter—f c Jamison Oliver L—l Lupton H S & Son—f l Newlin & Co—f l c Richards & Co—f Russell J B & Son—l WYTHEVILLE Boyd C R—f l c Ewald S F Ins Agency—f l c Heuser M H—f Manfin H B—l Rich D A—f Sexton G S—f c Terry F H—f l c
STORMONT Bristow J C—f l c			

WASHINGTON

ABERDEEN Aberdeen Investment Co—f Cauthorn & Cauthorn—f c Faulkner L H & Co—f c Fisher A T—f Gaillac A C—l Hart W W & Co—f c Hood J M—f c Jones & Jones—f c Jones & Paine—f	Miller & Wattam—f c Sasse A H—l Slade Investment Co—f Slentz S D & Co—f Stuart R B—f Swartz & Conlee—f Terrill W E—l Thomas & Simpson—f Thompson G E—l Wheeler M—f c Wright J W—l	COLFAX Crocker & Perkins—f DePledge & Laird—f Love H M—f l c Reid R H—f l c Welty T J & Co—f COSMOPOLIS Brower C W—f l c Cooney Neil—f Spiegel D F—f Wellington A G—f Wilson John O—f DAVENPORT Cathcart Bros—f Fraser J E—f c Gibson C C—f Weeks G W—f c Wells Fred—f	Rymond F G—f Schoch Fred O—l Sharpe H A—l Spristersbach Realty Co—f Torry J P—l c Westland & Stone—f l c Willis H R—f c
ANACORTES Arges O E—f l c Beard W H—f Funk W V—l c Hensler & Hardeasalle—f l c Hogan F V—f McLean W A—f l Morreson & McLean—f c Schrieber & Werner—f	BLAINE Danielson Andrew—f Gellespie W J—f Martin John—f Montford Geo D—f Odell & Jensen—f Pinckney John J—f Shaw G S—f l c State Bank of Blaine—f	DAYTON Cahill W E—f ELLENSBURGH Carroll H B—f Craig F E—f d'Ablain G—f c Dickson G E—f c Finley B L Land Co—f Flummerfelt Chas H—f Gault B A & Co—f Hennes F L—f Robbins W J—f l c Robinson W W Land Co—f Stenger P W—f Stewart C H—f l c	FARMINGTON Hayfeed & Son—f Paddock E E—f Plowman L—f Renfrew W Claude—f l c Rice C H—f GOLDENDALE Abeling Edward—f Ahola A J—f Brooks N B—f Camplan C T—f l Crooks C E—f Flanary W P—f Lee E H—f Roush G H—f Spoon E O—f State Bank of Goldendale—f Sunderland R D—l Ward L W—f White W J—l Wilson Frederick—f c Wilson T Bert—f l
BALLARD STATION Blue Bell Realty Co—f Cox E B Inv Co Inc—f De Moss & Twigg—f Follman J H—f Globe Realty Co—f c Grover R W—f Holton J V & Co—f Kean Bros Inc—f l Knowlton Realty Co—f Loyal Co—f Peter & Pederson—f Powers Roy E Inc—f Schneider C A—f Smiley J K—f Tiedeman T C—f Warford G H—f Young & Broberg—f	BUCKLEY Bank of Buckley—f Duvall G O B—f Jennings John—f Jones J F—f Kemprinsky W O—f Osburn W B—f Sheets J H—f Whitmore C C—f BUCODA Calais J C—f CENTRALIA Barner Geo L—l Buxton J R—f Dysart & Ellsbury—f l Hodge W H—f c McCleary T H—f Miller Mrs F H—f Thomas F W—f l Timmerman A I—f Watson John—l Wedmark O T—f	EVERET Adamson, Meagher & Stiger—f Babcock & Son—f Baker J A—f Beecroft J T—f Bowman Ward—f Buell Fred P—f l c Clark J J—f Cort & Co—f Currie & Stanford—f c Curtiss A E—f Dearle E W & Co—f Duryee D A—f c Folsom Investment Co—f Gaston N A—f Gavelstad P M—l Hudson & Booth—f Lipke P W—f Lucas & King—f c Mitchell & Son—f Peoples Investment Co—f c Ready Investment Co—f	HOQUIAM Callihan Jas P H—f Fairbairn J A—f l Grays Harbor Land Co—f Hodgdon A S—f Ibbittson Samuel—f l Lamb W M & Son—f l McKee J S Morgan & Brewer—f c Philbrick Ed—f Shinholt F H—l Wilson Z T—f KELSO Alexander & McFarlane—f l First National Bank—f c Huntington J S—f c Knight E A—f McDermott Thos—f Plamondon Geo F—f Sardom Frank J—l c Stewart F L—f l c
BELLINGHAM Bacon & Ellis—f Baldy L H & Co—f c Banner Realty Co—f Brisbin, Smith & Livesey—f c Brown W R—f Campbell Allen—f Cole Thos B—f Collins J Will—l c Day E P Y—f Dickinson & Miller—f l c Dillon W F—f Easton J L—f Eckardt W A—f Garwell R G—f c Horst C A—f Kenyon-Carr Co—f l c Kline R L—f McArthur D J & Sons—f Medcalf H A—f Miller & Hawkins—f Miller J A—l	CHEHALIS Coffman H C & Co—f l c Kenoyer W H—f l c Robinson Geo A—l Scooley & Deggeller—f Urquhart H W—f Urquhart & Judd—f l c White S C—f CHENEY Ames A L—f Macartney R H—f l Ratcliffe C A—f Rofe N A—f Rofe V E—f Whalen J E—f l		KENT Bassett T W—f Bowen B A—f l c Guiberson & Madison—f

WASH—Con.**LYVENDEN**

Austin J S—f
Baman Mrs F A P—f
Beavers C A—f

MEDICAL LAKE

Bartholemew W R—f
First National Bank of
Medical Lake—f
Hallett Stanley—f

MONTESANO

Bignold L B—f c
Bush W H—f c
Cheney B G—f c
Calder J E—f c
Nelson O M—f c
Price R M—f

MOUNT VERNON

Branigin Verne—f
Brawley & Hammach—f
Brickey W L
Dale & Shea—f
Gunderson Ole—f
Hannay N B—f
Kean Jas—f
McLean G D—f
Marble & Small—f
Mt Vernon Investment
Co—f
Nat Co-Operative Realty
Co—f
Pickering Frank C—f
Pickering Fred G—f c
Schirrmann & Co—f
Sewell Geo—f
Skagit Co Abstract Co—f
Wolfe A B—f

NORTH YAKIMA

Aumiller W J—f
Compton Norman—f
Coonae Harry—f
Denley C H—f l
Donovan C—f
Doust H B—f c
Miller Realty Co—f c
Naylor Frederick B—l
Needham J H—f
Roberts John F—f
Scudder H B & Co—f
Taylor Henry—l
Washington Mtg Loan
Co—f
Yakima Commercial Co
—f c

OLYMPIA

Bigelow R C & G R—
f l c
Blake F G—f c
Cagwin A E—f c
Crosby Walter—f c
Crouch & Ellis—f
Cutter J B—f
Donges Felix—f
Faulkner L B—f
Frost Robert—f
Giles Milton—f
Guiberson C H—f
Haycox J L—f
Haycox W E—l
Lindley C Z—f
McDowell R E & I Co—f
Martensen Emil—l
Morrison Louis—l
O'Brien Mrs Fannie—f
Olmstead & Tetsall—f c
Otis John T—f
Rankin Sidney—f
Reasoner Frank—l
Sams J C—f
Schomber Fred—f
Steele & Flynn—f l
Talcot C R—f
Thompson A—f
Uhler G H—f c
Weir Allen—f

PALOUSE

Belvail W R—f
Carey Geo M—f
Duke John P—f
Greene P W—c
Jewett & Kinzie—f
Johnson J J—f
Kincaid G D—f l
Knapp C H—f
Northrup J C & Co—f
Shreve J W—f
Webster A J—f
Weldon Mr—f l c

POMEROY

Adama H A—f
Baldwin N O—f l
Garfield County Abstract
Co—f c
Jewett G W—f c
Kuykendall W B—f l
Morris W B—f
Pomeroy Devel Co—f
Rauch E M—f

PORT ANGELES

Aldwell T T & Co—f l c
Christensen J P—f
Davis & Woods—f l c
Fisher & Hicock—f c

PORT TOWNSEND

Bartlett C C—f
Bayley H V—f
Christian J C—f l c
Goodrich C F—f l
Hayden H T—f l c
Klocker Oscar—f
Klasell N A—f c
Lockhart J M—f
McCurdy J G—f
Meeker F A—f
Rogers Jerry S—f c

PULLMAN

Chapman M J—f l c
Downen E W—f l
Henry G N—f
Kampen E A—f
King J W—f
Porter Wm—l
Pullman Land Co The—
f l c
Ruth J C—f c
Sanger F E—f
Squires John—f c
Staley D F—f l
Swain Wm—f
Walker & Strupler—f l c

REPUBLIC

Ayer J A—f
Caie J C—f
Johnson H C—f
Republic Abs & R Co—
f l c
Ritter J E—f
Walsh J L—f

ROSLYN

Degabriele, Ugcne—f
Jutham Simon R—f
Smith-Willis—f
Smith & Bing—f

SEATTLE

Aiken G W—f
Allen Geo W & Co—c
Anderson B R & Co—f
Angier F W—f
Appleton F A—f
Atkinson J M E & Son
—f c
Baker B W & Co—f
Baker G R—f
Baker-Tennent Co—f
Ballard's Insurance Agcy
—f c
Barham M E—l

Bates, Lively & Rourke

—f c
Bert Fred W Jr—l c
Best Chas S—f c
Black Mrs C B—f c
Bliss Geo H—c
Bothwell & Crockett Co
Inc—f c
Bowden, Graham &
C Arnold—f c
Boyle R H—f
Brattstrom B—f
Bridgeford J H—f
Brown Tom H—c
Brown Vincent—f
Bruggeman M B & Co—f
Bryant A C—f c
Burleigh W A Co—f
Burnett C H Jr & Co—f
Barwell & Morford—f
Carter & MacDonald—f
Chilberg Agency The—f
Claghorn J L—f
Clear C G—f
Cole Chas G—l
Cole C H—f
Colegrove F W—f
Comer W D—f c
Corliss C W—f
Cotton & Burkhardt—f c
Culver R C—f
Daugherty, Cole &
Hughes Inc—l
Daugherty W J—l
Davis John B & Co—f
Davis J E—f
Dearborn W W—f
De Mille Charles B—f c
De Moss & Twigg—f
deVeue J H Co—f c
Dickinson Chas E & Co
—f
Eagen H—f c
Eastman D P—f
Eckerly & Co—f c
Elliot J J—f
Equitable Securities Co
—c
Evans M B—f
Fay Martin—f
Finley & Grant—l
Fiaken & Co—f
Fleming E B—f c
Foley S B—f l
Foote & Perry—f c
Ford E G—f
Forehand J E & Co—f c
Fox A M—l
Fraser A E—l c
Frederick F A & Co—
f
Freels S E—f c
Frew D—f
Garrigues Thos A—l
Gifford A F—f
Gilmer L D—f c
Gladfelter H E—f l
Gleason Mrs W H—f c
Gottstein & Scheldmiller
—f
Green H G—f
Grinnell H M—l
Gross Sam—f c
Guerraz G F—f
Guion F & Co—f
Hanbey A L—l
Harnett Frank B—f c
Harper Wm P & Eon—f
Herrin & Rhodes—f
Hildreth H P—f
Holtz N E—l
Howell W G—c
Huggins N W—f
Hunter, Mellen Co—f c
Ironside & Co—f c
Jasperson Julius—f
Jennings C W & Co—f c
Jones & Wilson—l
Jordan F M & Co—f
Kaltz Bruce—f
Kean Bros Inc—f
Kennard & Co—c

Kinnear Paul & Co—f c

Lamping & Co Inc—f c
Lauer G L A—f c
Lewis L D—f
Linsay A N—f
Lippmann H E & Co—f
Littlefield Geo B—f l
Loyal Co—f c
Lowdon P M—f c
Lowry & Pike—f c
Luth H P—f
MacCallum-Donahoe Fin
Co—f
Martin F J—f
Martin J L & Co—f c
Matsumoto H S—l
Melville C W—f
Miller R V—f c
Mooney R F—l
Moore Geo—f
Morrison & Eselman—f
Northern Bond & Mort-
gages Co—f
North Western Inv Co—
f
Northwest Trust & Safe
Deposit Co—f
Nouvin A N—f
Orr H E Co Inc—f
Owings C E—f
Pacific Ins Broker & Co
—f
Palmer B B—l
Parker E D—l
Parkhurst H E—f
Parry D H—f
Pearce H E—f c
Pelletier J V—f c
Pelz E E—l
Perkins W D & Co—f
Peter S D—f c
Perry M F—f
Pierce A E—f
Pike R D—f
Pond W S—l
Potwin F B—c
Porep W F—f
Preston G H—f
Probstfield H J—f
Prother & Co—f c
Qualheim C O—f
Rainier Realty Co—f
Ramsey Claude C & Co—
f c
Raser H A—f c
Realty, Loan & Bankng
Co—f
Redding C R—f c
Reid J C—l
Rhodes F H—f
Ritter Wm H—c
Roberts P N—f c
Romans J B—l c
Rouke G W—f c
Rowe O A—f
Rupe C M—f
Russell S L & Co—f c
Sander Fred E & Co—f
Sanxay J F & Co—f
Schnauffer J F—f l c
Schroeder H A—f
Schwabacher Bros & Co
—f
Seeley & Co—f
Shay Bros & Gilmer—f c
Sizer H L—l
Smith & Clitise Inc—f c
Smith J P—l
Snider C R—l
Spencer Geo A & Co—f
Stein J C & Co—f
Stoddard E B—f c
Strout E A & Co—f c
Stuart R C & Co—l
Thaanum & Frazier—f c
Thomas J E & Co Inc—f
Underwood Julia—f
Upper C H—f
U'Ren T & Co—f
Vincent W H Inc—f
Washington Loan & Se-
curities Co—f

Walker A D—l
Walker Agcy Co—f l c
Walker R E—f
Wallborn D E—l
Warner R E E—f
Webster E L—l
Whalley John A & Co—
f c
Wicks P E—f c
Williams L E Inv Co—f
Williams W R—f
Wilson Grant—f
Woolley & Co Inc—f c
Young E J—f

SNOHOMISH

Burton James—f
Comegys H C—f
Cook Fred—f
Gorham C W—f
Hall Jas W—f c
Hartman Fred—f
Kuehn Wm—f
Lenfest Elmer—f
McGuinness M J—f
Van Bown Jas—f
Walton H F—f
Weaver J A—f c

SPOKANE

Acheson J—f
Anderson Land Co—f
Andre W L—f c
Asheim Julius—l
Becher & Thompson—f
Big Bend Land Co—f
Broberg & Schuler Co—f
Browne Investment Co—
f
Buchanan Eugene—l
Chamberlin Real Estate
& Imp Co—f
Clark Bros & Kline—f c
Clough C F & Co—f
Colonial Bldg Co—f
Columbia Finance Co—l
Connolly M B & Co—l c
Crites Jas E—l
Curby Mr—l
Day & Hanson Security
Co The—f
Dorn Rudolph—l c
Dyer Grant—f
Edgington E W—f
Elmendorf & Elmendorf
—f c
Fenstermaker H F—l
Fischer F H—l
Flenner N—l
Folger W P—f
Frausola P J & Co—f
Frazier W A—f
Gallagher D J—l
Gentsch Theodore—f
Grinnell F B & Co—f l
Grove W W—f
Guernsey-Newton Co—
f l c
Gusdorf Adolph—l
Hay E T—f
Henry John W—l
Hunter M C Co—f c
Inland Underwriters—f
Jones Mitchell—f c

Jones Arthur D & Co—
f c
Lavelle F N—f
Liftchild Charles—l
McCoy C H—l
McCrea & Merryweather
—f c
Macfarlan W H—f
McKnelly Jacob I—l
Mann & Hinkle—f c
Martin R J & Co—f
Martin W D—f
Mechanics Loan & Trust
Co—f
Miller Monroe—f c
Murphy, Favre & Co—f
Oppenheimer M & Co—
f
O'Shea Edw J Jr—f
Paine F C—f
Prescott Bros—f
Preston Joseph—l
Reinhardt J A—l
Rogers C H—f
Rosenhaupt & Weaver—f
Sawyer Land Co—f
Schedler Investment Co—
f
Scott W M—f
Seward Thomas—l
Sherwood J D—f
Shields W H—l
Smith E E—l
Spokane & Eastern Trust
Co—f
Spokane State Bank—f
Swan Geo W—f
Thomas & Co—f
Thomas J M—f
Tilsley J H & Co—f
Tunis F D—f
Union Trust Co—f
Wadham Chas V & Co—f
Wallace Mr—l
Washington Trust Co—f
Webster R L—l c
West J Elmer Co—f
Western Trust & Invest-
ment Co—f
Wiseley C M—f
Young & Zahn—f

SPRAGUE

Cole D R—f
Hall & Smalley—f l c

SUMNER

Barrin J P—f
Trubshaw H J—f
White R R—f
Young E J—f
Young Geo E—c

TACOMA

Agassiz C E L—f
Allyn-Hill Co—f c
Anderson R E & Co—f c
Babcock Phenix & Son—f
Balfour, Guthrie & Co—f
Berry G H—f l
Boardman & Newell—f
Burnett Geo—f
Burwell & Co—f
Cheney R T—f

Cone D R—f
Corey C M—l
Coye C M—f
Crescent Realty Co—f
Davis J H—f c
Dodwell & Co—c
Du Bois C E & Co—f c
Dout W N & Co—f
Elliot Geo M—f c
Ekkey F—f
Eshelman D S—f c
Eugene Church Co—f c
Fettig & Busselle—f
Fidelity Rent & Collec-
tion Co—f c
Fowler Rhoades &
Whitehouse—f c
Garvey M E Co—f
Gaston F W—f
Goodman Geo G—f
Gregory E F Co—f c
Guyles J C & Co—f
Hanbey A L—l
Hansen L N & Co—f c
Heiler, Lyon & Co—f c
Hiberly E L & Co—f c
Hill R W—f
Hosmer A T—f
Howell Edw P—f l
International Realty Co
f

James H D—l
Jones R W & Co—f
Judson E B Co—f c
Keen J M & Co—f c
Lawton & Co—f c
Leaveth W F—l
Liddle Abram D—f c
Lindhall J C—f
McDonald & Co L E—f c
MacDonald D R—f c
McGregor D—f
Mahaffey R E Co—f c
Manning L R Co—f c
March-McCandles Co—
f c
Mead F J—l
Morrison, McFarland &
Mueller—f c
Nelson-Benston Co—f
Naubert C A E—l
Norton & Co—f
O'Malley & Heinemann
—f c
Palmer M H—f
Perry E H & S E—f
Phillips A C & Co—f
Pratt N S—f
Reade Jesse—f l
Read J H—f c
Realty Sales Co—f
Ritz H B & Co—f
Roeder O B—f
Rudolph W F—l
Russell Geo & Co—f
Schwinn & Co—f c
Shaw James—l
Sherwood E M—f
Sherwood & Fugaley—f
Smith & Corn—f c
Stanton & Hill—f c
Sweetland F H & Co—f c
Thompson Karl—f
Tollefson A D—f c
Tousey A C—l

Weeks B J—f c
Westbo L A—l
Wilson-Thompson Co—l
Winterrute J A—f
Wolbert J A—f
Young A B & Co—f

UNION TOWN

Bean C W—f
Button Chas A—l c
Grief J J—f
Hilliard S—f
Wieber W H—l

VANCOUVER

Arnold H W—f
Crawford Wm P—f
Crowley Dan—f
Ellwell J H—f
Forbes Arnold G—f
Hodgkin Frank—f
O'Keane Jas J—f l
Scanlon E M—f
Smithe Miles R—l
Stapleton Jas P—f
Troch J A—f
Watts C A—f
Wilkinson J—f

WAITSBURG

Callahan, Franz & Son—
f l
Houtchens J S & Son—f
Hubbard L H—f
Kershaw J F—f
Morgan J W—f
Peterson H P—f
Pickett M O—f
Shubam W G—f l

WALLA WALLA

Frankland & Brown—f
Jones C F—l
Jones-Scott Co—f
Jones A—f
Kent John P—f l c
Leonard Agency—f l
Loney & Ginn—f c
Lorenzen A L—f
Martin H W—f
Mattinson E D—f c
Mosgrove & Alheit—f
Nixon E H & Son—f c
Faxon Bros Co Inc—
f l c
Peoples State Bank—f
Samuel M B—l
Schibel John—f c
Shaw & Baumeister—f l c
Skinner O Z—f
Snively V—f c
Spencer-Gregory Co—f
Stirling W L—f l c
Stone & Lathrop—f l c
Wright E E—f c
Wright S P—f

WATERVILLE

Davis A J—f c
Davison M H—f c
Thompson F W—f c
Waterville Savings Bank
—f

WEST VIRGINIA

BERKLEY SPRINGS

Dawson T H B & Son—f
Johnson V E—f
Somers & Allen—f

BETHANEY

Glenn J R—l

BEVERLY

Ward J B—f l c

BLUEFIELD

Bowman E L—f l c
Citizens Underwriters
Agency—f c
Easley E H—f l c
Evans Ray—f c
Ellis W D—l
Flat Top Ins Agency—f c
Hicks Spiller—l
Home Ins Agency—f l c
Land John F—f l c
Udy J A—f
Union Ins Agency—f
Williams J W—l

BUCKHANNON

Drummond Ins Agency—
f l c
Lynch C A—l
Sexton Ins Agency—f l c
Young Ins Agency—f l c

CHARLESTON

Bacon N O—l
Carson & Summers—f
Dabney Kern—f
Gallaher & Sutherland—
f
Goode Ins Agency The
D E—f
Hanna Addison—l
Hickel A C—l
Irons Sim—f
Jones William—l c
Jones-Winkler Ins Agcy
—f l c
Kanawha Valley Agency
—f c
Laidley Geo B—f
Lloyd D E—l
Lohmeyer, Goldsmith
Patterson Co—f l c
McChesney J Z—l c
McGlasgow G E—l
Morris Ham—f c
Newcomer G H—l
New River Agency—f c
Noyes & Young—l
Patrick John—l
Scherr, Morton & DeVan
—f l c
Thayer J S—l
Thornhill J L—l
Todd Geo W—f
West Virginia Agency
Co—f l c

CHARLESTOWN

Burns & Jordan—f l c
Campbell Wm—l
Gallaher C Frank—f l
Moore & Moore Inc—
f l c
Norris W O—l
Roberts & Shearer—f l c
Washington, Alexander
& Cooke—f l c
Wynkoop A G—f l c

CLARKSBURG

Alexander & Alexander—
f c
Bentley Saml R—l
Clarksburg Ins Agcy—f
Home Insurance Agency

—f c
Hornor & Hood—f c
Jenkins R N—c
Long P M & Son—f
Modlin H F—f
Mutual Real Estate &
Brokerage Co—f
Post Howard—f c
Post Reger Co—f
Reed D K—f
Thorne A K—f l
Tracy Ledru—c
Union Insurance Agcy—f
Willison & Dennison Co
—f c

DAVIS

Erhard Bros—f
Heirmimus R D—f
Hamby P A—l c
Meyer H A—f l c
Mills Geo—f l

ELKINS

Cromwell W R—f l c
Day B W—l c
Fling E O—f l c
Haranan, Preston—f
Harper W K—f l
Keim N G—l
Keim & Keim—f l c
King Kirk—l
King Co The—l
Lawhead N M—c
Nydegger Jno F—f l c
Pulliam Jno A—l
Snedigar W N—f l
Sutton & Wilt—l

FAIRMONT

Bradshaw John—l
Evans Charles W—f l c
Gadd R L—l
Holbert Bros—f c
Hood Chas G—f
Jones & Parish—f
Kelly L W—l
Miller & Miller—f
Nichols F E—f c
Poling J W—l
Smith Hugh F—f
Walker & Kelley—f

GRAFTON

Barlow J H S—f c
Bonafield Ruby C—f
Cruise & Covey—f l
Friedman S J—l
Gocke Chas—f
Kendall N F—f
Koels Kate P—f c
Mason L J—l
Morgan & Co—f
Musgrove S M—f
Parrish Realty Co—f
Starcher & Co—f l c
Thayer J R—l

GRANTSVILLE

Miller A G—l
Stutler D E—f
Waldo S T—c

HINTON

Ewan & Meador—f l c
Graham L P—f l c
Hinton Insurance Agcy
Co—f l c
Peck E H—f
Woolf R R—l

HUNTINGTON

Aleshire-Harvey Co—f l
c
Ashworth L J—f
Beale & Thornburg—f

Blair & Buffington—f l c
Burdette J H—l c
Burnett Oliver—f
Caldwell Bros—f c
Cammick, Rece & Cam-
mack—f l c
Davis & Davis—f c
Dusenberry W C—f
Ellis Mr—f c
Greater Huntington
Realty Co—f
Huntington Ins Agency
—f l c
Lemley Mr—f c
Potts J N—f
Prichard Fred C—f
Shelton Jos R & Son—
f c
Thompson Thornburg &
Watts—f l c
Wilson, Blair P Co—f
Werninger A W Co—f l
c

KEYSER

Babb F H—f
Bane George W—l
Bowman H L—l
Crooks W E—f l c
Doyle Jas T—f
Fletcher C M—l
Leps, Jas E—f
Newhouse Geo B—l

KINGWOOD

Albright & Gibson—f l c
Wolf C W L—f c

LEWISBURG

Burdette W R—f l c
Dice John C—f l

LOGAN

Burns & Raikie Inc—f
Johnson W B—f
Holland B L—f l

MANNINGTON

The Crown Insurance
Agency—f l c

MARTINSBURG

Alexander H L—f l c
Harrison P R—f c
Pownall Chas V—f
Small Miller—f
Thompson H S & Co—
f l c
Trammell F J & Co—
f l c
Weaver & Dunn—f l c

MAYSVILLE

Highberger W T—f

MONTGOMERY

Dodd J E—f l
Dyer & Shrewalemy—f
Montgomery & Coles Ins
Agency—f l c
Pirreneg H E—l

MORGANTOWN

Anderson T W—f l c
Bank Realty—f
Barbe Clyde—f
Brown M L—f l c
Gronniger Jas D—f
Hall Roy O—f c
Hayes Mills Corp—f l c
Herd C T—f
Jolliffe Wm—f l c
Miller Chas E—f l c
McNeil Ed W—l
Purinton John—c
Sanders Harry—f l c

Sialer M T—f l c
Snee W J—f l c
Steele George C—f l
Thompson J H—f c
Warman Altha—f
Wharton J L—f l c
Wood George M—f

MOUNDSVILLE

Brown & Son—f
Bruce J D—l
Conner W E—l
Kesseling C A—l
Keyser Asher—l
Roberts E G—f c
Rogers T R—l
Scott & Booher—f c
Vint Geo W—l
Woodruff S H—l
Wright & Thompson—f c

NEW CUMBERLAND

Bradley C S—f l c
Robb & Scott—f l c

NEW

MARTINSVILLE

Crimmell G C—l
Dayton W R—f l c
Fiess F P—l
Harman S E—f
Hughes W E—f l c
Kendle M L—f l
Wright C H—l

PARKERSBURG

Blackford B R—f c
Burwell & Snodgrass—
f c
Cecil N H—f
Chancellor E P Jr—f c
Citizens Ins Agency—f c
Citizens Building Associa-
tion—f c
Langfitt I N—f c
Logan & Summers—f c
Mathison J A—f c
Morgan W H—f c
Ogden S D—f
Paden & Luttrell—f c
Park Joe—f c
Parkersburg Banking &
Trust Co—f
Parkersburg Insurance
Agency—f c
Peadro J T—f
Pike Investment Co—f c
Shrewsbury J A—f c
Smith & Swearingen—f c
State Insurance Agency
The—f c

PENNSBORO

Collins S W—f
Conaway T D—f
Cunningham Jay E—f l c
McGinnis B F—f
Stoops & Heflin—f
Warder R L—f
Weeklay & Sharp—f l

PHILIPPI

Corder W D—f l c
Hall Jas K—f
Teter D H—f l c
Ramsey G B—f l

PIEDMONT

Kenny Thomas F—f l c

POINT PLEASANT

Gibbs B F—f l c
Hutchinson R L—f l c
Roush O A—f l c
Windon J W—f

RAVENSWOOD McKay W S—f 1 c RIPLEY Adams Miss Jean—f 1 c RONCEVERTE Crickmer & Boone—f c Doughty T P—f c Johnson & Kauffelt—f McDowell R C—f 1 ROOSEVELT Hoffman W L—l Roberts R C—l SHEPERDSTOWN Harrison Schley—f Weltzmeimer F L—f SISTERVILLE Brownhead Geo—l Home Ins Agency—f 1 c McCoy H W—f McCoy John—f c McKay Joseph & Sons—f 1 c Strance Geo—l SUTTON Baxter W C—f Herold A C—f MacQueen C F—f Morrison W F—f c Sutton O K—l	TERRA ALTA Burke K E—f 1 c Chrystal E T—f 1 Criss W G—f Gandy F W—l Harriman W H—l c Kelly C T—l Lakin F L—l McGinnis W A—f Miller C A—f 1 THOMAS Martin Geo—l UNION McClagherty J C—l Readle R E L—l Wheelwright F D—f WELLSBURG Cooper Ins Agcy—f 1 c Curtis & Reeves—f c Everett & Mahan—f Foster W F—f Glas W R—c Jacob C K—f Magee C B—f Miller W R—f 1 c Ralston John—f Reid T J—f c Suediker & Co—f c Windsor Chas R—f c WESTON Edwards & Edwards—f Harrison, Woodell & Young—f Kobelgard B A—f Smith & Farnsworth—f	Warren A A & Son—f 1 c Weston Ins Agency—f WHEELING Armbruster Frank E—l Baird Geo—l Bowie E B—f 1 c Brown T E—l Calahan P R—f 1 c Campbell Alex R & Co—f Cowen & Co—f 1 c Crooks Geo C—l Dinger Daniel—l Dickens Chas—f c Dutsch Geo W—f Ebling L C—l Emsheimer Agency The Jos—f 1 c Fidelity Investment & Loan Assn—f c Pink Theo W & Co—f Finley J P—f Foose W S & Co—f c Franklin Ins Co Agcy—f Gibbs J S Jr—f 1 c Gow J R—f Haller, Bieberson-Gundling Co—f Hanes J T—f Hanley J P—l Hazlett Howard & Son—f c Hesse & Kirchner G—f c Jenkins J H—l Kemper R M—l Killmyer C J—f 1 c Kimberland Mr—l Mathison Geo J—f 1 c	Meek T S—l Merkle Henry—f c Morgan D G & Son—f c Myers F C—f Pauli Alf & Son—f c Paul Jos F & Son—f c Paul & Welsh—f Quarrier C H—l Rice, Hendrix & Co—f 1 c Rinehart W H—f Rizor C J—l Robinson J E—l Rogers J L V—f Roll Ins Agency L A—f Roller & Emig—f c Roth J P Realty Co—f Shaffer E E—f c Shafer W K—f c Smith Geo O—f c Smith S H—l Snedeker Albert—l Speidel & Bachman Inc—f Stalnaker D E & Co—f 1 c Steger & Son J—l Sweeney T B—l Tatum & Caldwell—f Taylor C B & H M—l Taylor & Thomas—f c Vardy Co W W—f Vidal H A—l Vieweg Christian—f Vaden C A—l Wheeling Ins Agcy—f c Whitehead Ralph & Son—f c Zane & Reid—f
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WISCONSIN

HILBERT & BAERWALD COMPANY

INSURANCE

86-88 MICHIGAN ST., MILWAUKEE, WIS.

Sun Insurance Office, London, Eng.
Orient Insurance Company, Hartford, Conn.
Aachen & Munich Fire Ins. Co., of Germany
Fire Association, Philadelphia

Mechanics & Traders of New Orleans
Hanover Fire Insurance, New York
Assurance Company of America, New York

Travelers Insurance Co. (Liability Dept.) Hartford, Conn.
STATE AGENTS.

METROPOLITAN CASUALTY INSURANCE CO., New York
LONDON AND LANCASHIRE GUARANTEE AND ACCIDENT CO.
LONDON GUARANTEE AND ACCIDENT CO., Ltd., Chicago (Burglary Dept.)
FEDERAL INSURANCE CO. (Automobile), of New Jersey.
ASSURANCE CO. OF AMERICA (Surplus Lines).
GLOBE INDEMNITY CO., (Boiler Dept.)

ALGOMA Boedecker & Knospe—f 1 c Kelsey I N—f Bretl & Hamacheck—c Parker M T—f ALMA Buehler Ganz & Saby—f Ibach P E—f c ANTIGO Benishek John & Son—f Bretl Geo—l Brown J T—f Daskam W R—f Frusher Fred—l	Frusher J J—l Gagen James—f Hall C—l Hay Henry—f Hogan T W—f Kiefer Fred W—f c Maertz W A—l Morse & Tradewell Co—f Palmer E H—f c Schmitz Geo W—f Schreibels Joseph—l Trever & Crandell—f c Waertz W A—l APPLETON Appleton State Bank—f Conkey P M—f 1 c Concrose R E—f Fuchsgruber A J—f	Harbeck-Hilfert Insurance Agency—f 1 c Hipp C A—f Huetter J—f Keller Louis H—l Koffend Joe—f 1 c Kornely P A—f 1 Marston Roy N—f Pierce D H—f c Rhulander A—f Roemer C—f Steinberg D P—f 1 Stevens J—f Vanderheyden W H—l Vaughn Ed—f c Vezey W J—f 1 c Voeks Albert—f 1 Walthers Fire Ins Agcy—f Weidmann W J—f	Wettengel Fred Felix—l c Winkenwerder J W—f ASHLAND Bardon Thomas—f c Brandt O E—l Buchanan Geo H—l Burch & McDermott—f c Davis A H—f c Ellis J S—f 1 c Good Jas W & Co—f c Lamal Peter—l c Loranger G C—l Noble A B—f c Pinahoski A—f Quam W—f Schroeder O B—f Tomkins A Pierce—f Van Doosen J F Co—f c
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WIS.—Con.

AUGUSTA
Bradford A E—f
Bradford I B & E M—
f 1 c

Dittmer Gus & Son
Paul iG W—f c
Shadler & Miske—c
Thawing & Treiber—l

BARABOO

Andro Adolph—c
Avery F—f 1 c
Bates J T—f
Bentley F—f
Brunchweiler Geo—l
Cady V H—f
Coleman Chas—f
Dithmar E F—f
Gemmill A G—f
Halsted H L—f
Hill J H—f
Kindchi C F—l
Mead T E—f
Meisl A W—f
Mould T M—f
Petton & Battles—f
Rodwell Thos—c
Ruggles Dan Jr—f c
Selleck & Check—f 1 c
Shults F E—f 1
Simon W P—f c
Tinkham H H—l

BEAVER DAM

Bird Hugh A—f 1 c
Daniel Jno W—f 1 c
Healy John C—f c
Healy J T—f
Lawrence A P—f
Malone P H—f
Markham C A—f c
Mason E S—f c
Schemmel Mrs Minnie—f
Velling Peter—f
Welch & Liebig—f
Williams E E—f c
Zarwell J F—f

BELOIT

Baumes W H—f 1 c
Bullock E H—f
Burdge & Gault—f
Burns Bros—f
Dow J B—f 1 c
Dow Y S—f
Gott W W—l
Harper T R—f
Livermore F F—f c
Love J A & H J—f c
Peet Brothers—f c
Roberts H—f c
Van Wort Don—f c
Wilkinson Mrs George—
l c
Winegar A J—l

BERLIN

Babcock W G—f c
Christie & Crawford—f
l c
Engelbracht F Jr—f c
Grotz W A—f
Hitchcock Chas W—f 1 c
Morman Henry—f
Saunders Sybella—f
Schumekoosky John M—
f c
Silverthorn L J—f
Tucker A L—f 1 c
Woodman W W—f

BOSCOBEL

Ableiter A—f
Blair Chas A—f
Howe W C—f 1 c
Kemp H E G—f
Menkhausen C—f
Muffey F C—f
Payne W H—f

Richardson D B—f
Ruka L B—f 1
Scheinpfug John—f

BRODHEAD

Carpenter C W—f
Derrick F D—f c
Kearney M L—f
Skinner C R—f
Skinner & Stone—f 1 c
Sprague Burr—f

BURLINGTON

Bergener C O—f
Gill F—f
Hatch C—l
Hoppe P—l
Jones C A—f 1 c
Madden & Kennedy—f 1
Marsh F G—f
Meinhardt E—f
Meinhardt A—f
Mole C A—f
Moussa Herbert—l
Prasch John—f 1 c
Reuschlein F & Son—
f 1 c
Reuschlein J—f
Scheifen J—f 1
Schwallier F A—f
Southey R—f 1
Stang Henry—f
Waller G W—f
Wehmhoff J E—f
Wood H A—f 1 c

CEDARBURG

Armbruster John—f
Barth Walter—l
Becker M P—f
Boernes Herman—l
Frey Joseph—l
Horn W H—f
Jochem L E—f
Kenny C F—f 1
Kuether F R—l
Schuh Nio—f
Weber John Sr—f
Wirth Chas C—f

CHILTON

Bechlem Otto—f
Brown Glenn A—f c
Connell T E—f
Gruber Joseph—c
Hume G C—f
Kingston A C—f
Noll Andrew—f
Paulsen Wm J—f 1 c
Pinnow W F—f
Shewe August—l
Schwartz Mike—f

CHIPPEWA FALLS

Bailey M S & Co—f c
Coleman E H & Co—f
Favell H P—f
Fletcher L A—f 1
Gailey Robt—f 1
Greenwood W R—l
Hughes F R—f 1 c
Joas Joseph—f
Leonis Nunke—f
Lord C M—l
Moen T T—f
Nolan Jas M—c 1
Nunke A—l
Preston C E—f
Sorenson H E—f 1
Stopfer Lawrence—f
Zimmerman John—f

CLINTON

Hawks & Reese—f
Kemmerer J F—f 1
Moehlenpach H A—f 1
Northway W S & A K—
f 1 c
Tuttle V C—f

COLUMBUS

Bunsa G E—f
Cook H R—f
Dering Guy V—f c
Holtz F G—f
Leitch W C—f 1
Miller C A—f
Pratt Earl—f
Riedner W J—f c
Wheeler J R—f

CUMBERLAND

Comstock H S—f
Cook Geo B—f
Fuller W N—f
Hart R B—f
Kalk C F—f 1
Larson Lewis—f

DARLINGTON

Bower Walter—f
Carey J K—f c
Conley P H—f c
Howery L B—f
Jolly H L—f 1
McConnell & West—f 1
O'Brien John—f c
Orton P A—f 1
West Geo F—f c

DELANAV

Adams Ethel—c
Bowers & Sumner—f c
Crane Effie—f
Davis W A—f
Johnson H C—f 1 c
Kendrick A H—f
Lillibridge Robt—f 1
Morrissey Edw—f
Parish A S—l
Topping Walter—f
Von Suessmilch E L—f
Williams E F—f

DE PERE

Brockman J B—f 1 c
Chase Frank—f
Clarke Jas E—f 1
Janssen H J—f 1 c
Le Maire Geo N—l
Schnitzler John L—f 1 c
Smith Herbert J—f 1 c
Stewart Wm—f
Workman W M—f c

DODGEVILLE

Carter W F—f c
Edwards T H—f 1
Hoskins & Williams—
f 1 c
Hoskins James J—f
Perkins E A—f
Ransom O K—f
Reese John M—f 1 c
Strong Orville—f
Thomas B Jr—f c
Taylor C H—f 1

DURAND

Brainard K K—l c
Brunner H A—f
Eldridge R C & Mrs J D
—f
Hillard C M—c
Hoesser A W—f
Pattison E S—f 1 c
Smith A C—f c

EAU CLAIRE

Christophel Henry—l c
Culver J C—f c
Droegge Harry A—l
Farr Frank Jr—f
Heiss E W & Co—f c
Hubbard & Hayes—f c
Jackson Agency The—f c
Kelley C N—l
Kildahl J—f c
Looby Geo J—f
McCorkhill M V—l

McDonald Leo S—l
Mahoney W J—f
Rounds E D—l
Schlosser Peter—f
Schnier J—f c
Selmar John J—f c
Smith J A—f c
Wiley Thomas—f 1

EDGERTON

Farman G F—l
Jensen F W—f
Johnson Henry—f 1 c
Ladd E M—f
Son H C—f

ELKHORN

Barnes C—f 1 c
Barnes Henry & Lorimer
—f
Cain Geo B—l
Closby A—f
Hooper E J—f
Howe H F—l
Lyon Jay F—f
Morrison S B—f 1
Norris H C—f
Norton W C—f
Sprague E H—f
Webster P J—l

ELROY

Dithmar J T—f c
Gaffney L V—f
Field F T—f
Hart J E—f
Kelley W M—f
Marsh L S—f
Rowan H C—f
Telfer Archie—f

EVANSVILLE

Baker Fred—c
Colony O C—f
Hartley Robert D—f 1
Magee Geo—f 1
Phillips W R—f
Pullen Geo L—f 1
Richmond R M—f c
Shreve J M—l
Snashall C H—f
Tolls Will—f
Van Patten & Van
Wormer—f

FOND DU LAC

Baker A P—f
Cole W E—c
Crosby R H—f 1 c
Dana A G—f 1 c
De Steese William—f c
Fairbank R C—f
Freiberg C F—f 1
Handt C L—f 1 c
Heath-Boreham Agcy—
f 1 c
Hinman C E—f
Koner E—f c
McDermott J P—f 1 c
McDermott Wm—f 1 c
Maloney E L—f 1 c
Maloney L E—f c
Pheips & Watson—f
Rieder A—f 1 c
Ryan W J—f
Schafer & Johnson—f c
Schuchardt A B—f
Sealey E A—f
Wolf F J—f
Wyatt S D—f 1 c

FORT ATKINSON

Aspinwall C H—f 1 c
Brandel J C—f 1
Caswell C A—f c
Chase Roy D—l c
Curtis C B—f
Donkle O W—f 1 c
Hibbard & Kyle—f
Hoffmann W O—l c
Kelly W H—l c

Kerachenstein M J—
f l c
Moore O C—l e
Rehm Lewis—l c
Rice E S—f l
Rogers F H—f c
Runary R C—l
Schreiner J F—l
Stengel A L—f
Tratt P H—f l c
Savall A J—f
Wigdale E A—f c
Winterburn Leo—c

FOUNTAIN CITY
Fugina Martin L—f l c
Fugina Paul L—f l c

FOX LAKE
Hotchkiss G J—l
North Wm C—f
O'Connell Wm F—f
Roberts G F—f l c
Williams J C—l c
Williams M E—f

GRAND RAPIDS
Brooks J E—l
Brown Mr—f c
Cain O—l c
Fairbanks W L—l
Fritzsinger C M—f l c
Gilkey F G—f l c
Pease Earle—f l c
Pomaineville E N—f l
Renne C M—f l
Slater W C—l
Taylor & Scott—f l c

GREEN BAY
Ansoerge E K—f l c
Berendsen Jos—f
Boland Ins Agency—f
Bong G—f
Burdon R T—f c
Cannard A L—f
Fisk Ins Agency—f
Francois J P—f
Green Bay Ins Agency—
f c
Hoeffel S P—l c
Jung C E—f
Kaster Peter—f
Lefebvre F J—f c
Macy J P—f c
Martin Eli—f c
McNeill & Baker—f
Mohr Ins Agency—f l c
Murray Earl—l
Nelson John—f l
Pamperin Miss S C—f
Parmentier July—f c
Rondeau E—f
Schepeck John—f c
Security Loan & Insur-
ance Agency—f c
Stiller A F—f
Van Duren P J—f
Warren Edgar B—f c
Wilson Robt—f

HAYWARD
Alexander Wm—f
Fuley H P—c
Kurth B F—f c
Rohlf B F—f l
Rohlf Wm F—f

HORICON
Dietz Louis—f l c
Hawkes Charles—f l c
Herker P B—f
Laupp Chas—c
Markham Wm H—f
Rehfeld & Neitzel—f l c
Simon E W—f l
Yorgey J M—f c

HUDSON
Ashley L H—l c
Bunker B—f l c

Christopherson Harry—f
c
Clark R W—c
Craty F O—f l c
Dinsmore Miss T—f c
Disney C A—f
Hennington A—f
Jones J E—f l c
Kernatt E—l
Thoen Emil—c
Webster E M—l
Webster W E—f

HURLEY
Flanagan J C—f l c
Foster Geo C—f
Lamphrey & Thomas—l c
Reid Dan—f l c

JANESVILLE
Biers C P—f l c
Blackman Frank A—l
Buggs Robt F—f
Burns J H—f l
Carter & Morse—f c
Cleveland C S—f c
Clemmons Fred L—f l c
Cunningham H J—f c
Denniston Mrs J A—l
Dougherty Wm H—c
Fleck Brown—l
Gaarder Arthur—l
Groat Wm—l
Haggart H S—l
Jacobs Geo A—f
Kemmerer & Kemmerer
—l

Kennedy J E—f
Kelley Peter—l
King H—f
Lee W N—l
Livingston G W—l
Lyman Miller—c
Manning Chas—f
Moore Geo R—l
Moser Harry—f l c
Moyer Ernest—f l
Parker C E—l
Parish Wm H—c
Sennett Geo J—l
Scobie J G—f
Smith Harry—c
Wurms F J—l c
Yeomans Floyd—c
Zimmerman Fredk—c

JEFFERSON
Buss C A—l
Haberman O T & Co—f c
Hayes J J—f
Henry W S & Co—f c
Kerachenstein O J—f c
Mistele & Smith—f l c
Schweiger E A—l
Shakeshsky L W—l
Stoppenbach O F—f c

KAUKAUNA
Koewaets M J—f l
Mulholland H J—f
Schwin N D—f
Towsley F A—f l c
Weifenbach H—f l c

KENOSHA
Raldwin H M—f l
Barr Chas—f
Bullamore H L—f
Carlson Chas—f
Corcoran J H—f c
Crook H C—f
Dorr R K—l
Fanning W J—l
Flasch Raymond—f
French A H—f l c
Grasser F J—f
Hastings C D—f
Hollister E H—f
Hudson Geo W—l
Jordan H F—f

Kenosha Realty Co—f c
Lindstrand E—f
Marx F A—f
Melville Geo M—f l c
Miller Jas—f c
Nowacki Casimir—f
Pennfeather Jas—f
Pienning Chas—f c
Reinold Fred—f c
Reith H W—f
Stemm Fred—f l c
Swift W J—f
Symmonds Frank—f
Tarbell C A—f
Tully Jas—f
Turnock C E—f
Villnow G L—f
Werner N J—f
Yule Herbert—f
Zens John—f

KEWAUNEE
Andre Carl W—f
Brummer O H—f
Cowell W A—f l
Dewane James H—f
Hutchinson & Schults—f
Karel & Janda—f l c
Mahlberg Jos—f
Seidenglanz E—f
Walecka Jos G—f
Wing G W—f
Wojtechovsky W—f

LA CROSSE
Anderson A H—f
Cramer H & S C—f
Curtis H M—l
Dimon J F—f
Eberhart A J—l
Exchange Agency The—f
Forsyth C—l
Gordon R D—f
Hickisch W J—f c
Holbek W S—f
Holley & Co—f c
Kilian L J—l
Klein C F—f c
Leinfelder C S—f c
Lewis Bros Realty Co—f
Livingstone Ins Agency—f c
Loomis E D—f c
Luening & Fries—f c
Mahoney & Schubert—f
Martindale S—f l
Marvin & Dubrake—f c
Niebuhr H—f c
Onierberg L—f c
Pettingill J L—f c
Pobreslio Jos—f
Ross Chas—l
Rossiter W L—f
Roth Realty Co—f
Saltz J F—f
Security Agency The—f c
Schofield F H—l
Schweizer J Geo—f c
Steenberg O—f
Taylor H L—f
The Burke Agency—f c
Van Auker C S—f l c
Volz B H—f l
Walker & Woods—f c

LAKE GENEVA
Barfield J—f
Best Wm—f
Brown Louis—f
Burdick H A—f
French C S—f
Hill H L—f
Tyrrell F J—f
Willits C H—f l
Wormood F E—f

LANCASTER
Clark & Pugh Co—f
Clauson G W—f
Day Fred—f
McBrien James—f
McCoy E L—l c

Schreiner David—f
Stevens L H—f
Stone John M—f
Taylor S N—f
Wheeler L G—f

MADISON

Adams & Fox—f
Albright Victor—f
Ames A R—f
Anderson R B—l
Angell Geo R—l
Ball Frank R—l
Baskerville E J—f
Boyd J M Inv Co—f
Brown C N—f
Coughlin & Gallagher—f
Crowley J J—l
Dahmen H W—f
Davis Frank M—l
Dow C M—l
Eigheny Alva—f
Eighmy & Eighmy—f
Fehlant Wm—f
Fish & Schulkamp—f c
Gallagher A J—f
Geisler & Neckerman—f c
Groves Asa B—f
Haley John C—f l c
Haley Louis C—f
Herfurth Theodore &
Son—f c
Hobbins H B Ins Agcy—
f c
Hobbins Louis M—f c
Huyler J P—l
Ives F N—l
Johnson Ollis—f c
Kremer Felix—f
Kropf R R—f c
Lamp Robt M—f c
Larsen A C—l
Legler F E—f
Levitan Sol—f
Leutecher G A—f
McKay W J—f
Main W E—f c
Main Willett E Ins Agcy
—f c

Marks Roy J—f
Nicomemus R C—f c
Oeland L L—f
Pfund H—f
Prindle L—l
Proctor J C—f c
Rowley L B—f
Runge A E—f
Savings Loan & Trust Co
—f c
Schupert J C—f
Shaffer C E—f
Shakeshsky & McMillin
—l c
Sherman O W—f
Slinde Bros—f
Stark Paul E—f
Starkweather F W—f c
Stephenson R C—l
Sommers Max—f
Vogel H G—f
Wright W W—f

MANITOWOC

Davies T W—l c
Dedrick N—l c
Donohue J G—l
East Wisconsin Trustee
Co—f
Ertz C C—f l
Falge H—f
Franz, Schmitz, Kadow
Co—f c
Gielow C A—f
Guttmann Wm—f l c
Hacker & Groth—f
Hansen Carl—f
Haugen & Brady—f
Hubbard H F & Alice E
—f c
Kelley Harry F—c
Lindstedt Julius & Co—
f c

WIS.—Manitowoc, Con.

Markham & Markham—
f c
Mulholland Henry—l
Schulze A C—f
Shenian A P—f c
Sherman E S & Son—f
Sladkey J E—f l
Vraney Frk—f
Willinger Wm—f l c
Willott Jos Jr—f
Zannacker H—l c
Zentner F T—f

MARINETTE

Baker W S—c
Bernardy Frank N—f c
Duxbury & Madagin—f c
Evans L J—f
Feickrick F B—l c
Fisher Jos—f
George & Green—f
Gitchell J H—l
Graves Geo W—l c
Hitchcock L S—c
Johnson C J—c
Kimball R R—l
Lehman W A—l
McGillis J J—f c
Marbes M—l
Mathisen Osten—f l c
Marryman & Robeck—f c
Miller Edw W—c
Ott Geo J—c
Plouff L T—l
Schneider Edw R—f
Setright J K—f c
Stenger L M—l
Sunstrum C W—f c
Tremear Wm—l c
Zietz Jos R—c

MARSHFIELD

Cole J F—f
Deming E M—f
Edwards C B—f
Fleckenstein M G—f
Hahn & Hahn—f
Hansen Chas—l
Kalskopf R A—f
Kraus P J—f c
Marx Joe—l
Meidl A J—f
Pulling E B—f l c
Seubert John—f
Upham E A—f
Vaughn Frank—f
Vollmer Fred—l
Wagner Hugo—f c
Williams R R—f

MAUSTON

Adler F A—l
Barrows C E—f
Ensch Peter—f
Grubb Geo S—f l
Hosig W G—f
McFarlane J A—f
McNown C W—l
Powers T F—f
Price C L—f
Winsor W F—f

MAYVILLE

Bachhuber Andrew—f
Dreger Alvin—f
Herberg Paul—f
Janssen Sertz Co—f l c
Lentfoehr Wm—f
Ringle Wm—f
Strasen-Krohn Co—f l c
Thielke Herm—f

MAZO MANIE

Cork Wm—f
Lapley Harry—l
Lapley Henry—f
Leonard H R—f
Smith Horace—f c
Wurster W H—f

MENASHA

Fedrau Herman—f
Fieweger J L & Co—f l c
Heckrod Frank—f
Hartung & Weber—l
Jarvis Jos—f
Little S S—f c
Mayer Geo J—f
Oberweiser C J—l
Pleasants J M—f
Richardson Newton—l
Schoetz M M—f
Schoetz & Sensenbrenner—f

MENOMONIE

Barker Geo A—f
Bates E J—f
Clarks' Ins Agcy—f l c
Drowley E—f
Fladoes Martin—f
Hopwood John—f c
Inenfeld Henry—f c
Joyce J E—f
Kabat B—l
Kraft Bros Co—f c
McLean J—l
McLean W C—f
Miner Frank—f l
Quilling H—l
Seely G H—f l c
Stone T—l

MERRILL

Allen H R Agency—f c
Bowell H J & Co—f l c
Breck Lloyd—f
Brassard Wm—f c
Downie & McQuillan—f c
Kubasta F W—f c
McLaughlin & Donaghue—f c
Moore Earl L—l
Phinney D M—f c
Rossman F G—f l c
Russell Fred—l
Smith & Zollman—f

MILWAUKEE

Albright Dr Chas E—l
Armitage Agency—f
Auer L & Son—f c
Bacher Julius—c
Baldauf Joseph—f
Barber E B—f
Bartlett Geo D—c
Basse E O—l
Basse G D—f
Baumann J H C—f c
Bejma Jos—f
Berndt Paul F—f
Bogk & Pfeiffer—f c
Bowes J D—f
Braun O A—f c
Bryant G J—l c
Bues A A—f
Buckner Sam O—l
Calhoun Ins Agency—f c
Callen Thos J—f
Clark Montgomery—l c
Courtenay & White—f
Crollus S H—f
Crowley J M—f
Czerwinski B A L & Son—f

Czerwinski Ignatz—f
Damkoehler F & Co—f
Daumling Chas—f
Delaney Frank E—c
Dexheimer C D—c
Dietrich & Schuengel—f
Dietz Carl P—f
Dingwall R L—f c
Dorow Paul—f
Drake Wm C—l
Dunn W A & Co—f
Dunphy J F—f c
Durand Loyal—f c
Durand W T Leedom Agency—f
Ehlhardt B—f

Eldred Agency The—c

Elaner Rich—f
Ernst Theo—f
Esau Chas—f
Ettenheim Sol & Son—f
Ewens & Son—f
Feasley F H—f
Finger Wm—f
Fischbeck V D—f
Fleming T J—l
Fons & Co—f l
Forecki & Przybyla—f
Forster A C—f
Friedrich, Teall & Hackbarth—f
Froede, Bodenstab & Ludwig—f
Fuller H S—l
Gaedke & Miller—f c
Gausewitz Arthur P—f
Gibson Miss C M—f
Gollusch Henry—f
Gordon P H—c
Gottschalk S W & G H—f
Graebner W H—f
Grant A C—l
Grange Wm—f
Greene Bros & Hansen—f

Grootemaat A L—f
Gruzta Frank J—f
Guillaeume Wm—l
Hackett, Hoff & Thiermann Inc—f c
Hahn Rudolph A—f
Hamm P H—f
Hannan Jas & Co—c
Hanson T A—f
Hatcher Wm J—l
Hathaway A S—l
Herdegen S—f
Herzberg Jos & Son—l
Hibbard C F Co—f
Hilbert & Baerwald Co—f c
Hoe J H—c
Holzhauer & Weber—f
Hosch John J—l
Host Clem P Co—f
Host Zeno M—f
Huchting F B & Son—f
Hucke H J—f
Hug & Frey Co—f
Hummel H D—f
Hunkel G P & Son—f
Hymen J C—f
Jaeger Wm—f
James G H Son Co—f
Jazdzewski B—f
Jefferson Rich—f c
Jelincik Ben—l
Johann J E—c
Jones J Elias—f
Kallmeyer C J—l
Karsten & Van Nostrand—f
Koller Jos P—f

Krauthoefer Wm J—f
Krehla & Metzner—f
Krysiak J W—f
Kunz Peter—f
Le Breck M J—l
Leviash Fred F—f
Lindenmann H J Co—f
Long Samuel—l
Lukasiewicz S S—f
Lymar T R & Co—c
Mabbett H J—f l
McGinn Agency—f
MacLaren M N—l c
MacNeill E H—f
Mapel John J—l
Mathews & Kramer—f
Maynard C A—f
Maynard & Picken—f
Mehl Oscar C—f
Meixner L E—f
Merrill Roger L—f c
Millard Fred C—f
Miller H C—c
Milwaukee Ins Agcy—f c
Mohm & Stark—f
Morgan B A Co—f l
Morgan Jas—l
Mueller J H—l
Mueller R C Jr—f
Mueller Theo Co—f
Mueller G H—f
Myers J O & Co—f
Norris H F—l
Norris R H—f c
O'Brien John—l
Oculist & Harris—l
Oswald Wm J—f
Patten M M Agency—f
Pawling & Pressentin—f
Piepenbrink & Roehr—f
Plimpton H D—l c
Pittelkow Chas & Son—f
Poposkey A V—f
Porth Edw—f
Pozorski Jos—f
Pozorski S J—f
Ragsdale J C—f
Rebhan Aug Co—f c
Reilly John E—l
Reinke Wm F—f
Richter & Dick—f c
Richter Theo—f
Riemer Gus J—f
Rigby Jas A—l
Roberts Co The—f
Rock H J—f
Rogers E E—f
Rosbach A C—f
Russell Geo H & Co—f c
Saltzstein A L—l c
Sanborn F R—l
Schaefer C A—f
Schissler Bros—f
Schultz & Kutcher—f
Schmitz R F—l
Schmitz W A—f
Schneider J M—f

Chris. Schroeder & Son Co.**Real Estate and Mortgage Loans****General Insurance****86 Michigan Street****Milwaukee**

Koeffler Hugo—f
Koepke E H—f
Knoblauch E L—f
Kauffung Henry W—f
Keil W D—c
Kennedy J A—f
Kieck G H—f
Kircher, Heimann & Host—f

Schroeder Edward—f
Schroeder Wm F & Co—f
Schuffenhauer & Zumach—f
Schultz A J—l
Schultz F F—f
Schultz & Kutcher—f
Semmann J L Co—f

Shenners W H Co-f
Simandl Chas-l
Smith & McGinn-f c
Soerig Jno-f
Sprechen J H-l
Strozck J S-f
Sueflow F W & Sons-l
Tappin, Benedict, Riedel-
burg Co-f c
Trzebiatowski Albert-f
Tschientschy Fred-f
Vance David Co-f
Weils B M Sons Co-f c
Wenz A & Co-f
Whitall C B-f
Whitney F H-l
Wilke M E-f
Wilmanns F M-f
Woller & Blum-f
Wurster E G-f
Zillmer & Zentner-f
Zimmer John P-l
Zingen & Braun-f c
Zwalina R-l c

MINERAL POINT

Bishop A F Jr-f c
Feidler J J-f
Fallon Frank H-l
Freide Henry-f
Hartert N-f
Hauscom Henrietta-f
Iowa CoBank-f
Mercesrole J A-f
Prieseler J M-f c
Reynolds J B-f l c
Spensley Calvert-f l
Weil H S-f c

MONROE

Ainsworth Fred-f l c
Baltzen Maurice-f l c
Gorham R D-f
Honeywell J D-f
Stearns D A & Co-f l c
Thorp Geo E-f
Treat B G-f l c
Wells Grant U-f
Wilkinson Geo W-f l c

NECEDAH

Barney Harry W-f l c
Niles A P-f l
Pfaff V G-f l c
Stowassch Jos-f
Ware R L-f

NEENAH

Brown H B-f l c
Brown W G-f c
Christensen P-f
Clausen H H-f
Gerhardt W A-f
Hilton H C-f c
Hinterthuer W H-f
Hough A J-f
Jensen Nels-f
Kellogg A W-f
Mott Mayhew-f
Fride E B-f
Robinson & Gillingham-f
Smith, Fred-f
Spengler W H-f
Williams E A-f l c

NEILSVILLE

Phillips Jas A-f
Root H M-f c
Schuster & Campman-
f l c
Wilding Myron-f

NEW LONDON

Anderson Andrew-f
Brain & Laut-f
Demming G W-c
Hermann A C-f l c
Hilderbrandt J G-f
Jelliff C M-f
Knapstein & Croak-f
Meany T-f

Pape E C-f l c
Putnam G H-f
Thompson C-f

NEW RICHMOND

Baker Luther A-f
Hawkins S N & Co-f c
Hughes James E-f
Kibbee A R-f
McCoy J W-f
McNally Wm F & M P
-f

Rounsavell H E-f c
Smith & Oakes-f c

OCONOMOWOC

Cronin T T-f
Delaney E W-f
Edgerly B G-f c
Evans N W-f
Hurlbut Margery J-f
Jaeger Hermon-f
Kelly John A-f
McDowell W S-f c
O'Brien Glen-c
Robert C D-c
Robinson Geo E-f c
Theobald E C-c
Williams Louise C-f

OCONTO

Baldwin & Parisee-f
Brazeeu & Pelkey-f c
Caldwell A J-f l c
Caldwell John-f
Dan Levy J A-f
Harvey L C-f l c
Morrow G C-f
Pecor David-l
Pocquette Joseph-f l
Whitney Ray-f

OMRO

Davidson G B-f
Davidson Rob-f
Hurlbert Wilbur E-f l
Schloerb Mrs Netler-l
Shelp J S-f c
Trelwen John D-f c

OSHKOSH

Armington W N-f c
Audiess & Hinman-f
Baker W H-l
Barber A J & Co-f l c
Barber Co The-f c
Barnes F B-f
Bass Henry-f
Billmeyer H-f
Bishop Homer H-l
Bowen W H-l c
Brereton Geo R & Son-
f
Cameron D N-l
Carr J D-f c
Christensen N P-f
Covey Joseph B-l
Crory Oscar F Jr-f c
Daly B J & Co-f c
Davies Wm H-f l c
Dehde Henry & Co-f
Drassal Joseph-l
Fernandez & Laabs-f c
Fox, MacNichol & Nich-
ols-f
Gruenewald W F-f
Harmon Agency-f l c
Johnson Geo-f
Kirst A W-f c
Kloekner & Mehlmann-
f c
Kossel & Beutler-f
Lane F R-f
Lawson David-f
Luscher G S-f l c
Luscher Wm D-f c
Mueller Frank T-f
Redemann & Senn-f
Schroettl John-f
Stroud Horace-l c
Van Keuren F R-f
Van Slyke A R-l c

Weisbrod E W-f c
West, Nevitt & Tuttle Co-
-f c
Youman's Carlton F-f
Zoelzer Paul-f

PEPIN

Langers E-f
Schilling Arthur-f l c
Theis C J-

PITTSVILLE

Crowley T J-f

PLATTEVILLE

Block M S-f
Davey B J-f
Dolan P J-f
Estabrook L M-f l c
Gardner D-f c
Gardner David Jr-c
Gribble C H-f c
Hale & Head-f c
Karrmann J Jr-f
Kleinhammer Henry-f
Kopp A W-f
Loveland C A-f c
Mann Harry B-f l c
Marcussen F W-f c
Metcalfe Geo-f
Thompson W J-f
Trisidder John-f c
Wynne Miss Mary-f

PLYMOUTH

Albrecht Arthur-f
Bade H C-f
Bergeman Otto-f
Bude R A-f c
Dow E A-f
Dow R W-f
Graef Wm-f
Griese Leon-l c
Hostman H W-l c
Koehler R H-f
Leudtke H-f l
Mahstedt D-f l
Robertson R W-f c
Rooney H-f
Sweet M-f l c
Wolf M-f l c

PORTAGE

Baker E S-f c
Dering C L-f c
Ernsperger Sam-f c
Fulton Wm-f
Hanley & Standenmayer-
f

Holmes A-f
Kaiser Frank-l
Kelm Wm O-f l c
Kellogg & Hall-f l
Kiefer F W-f c
Lawson J M-f c
Lurvey D T-l
McGorty Chas E-f l c
Mitchell Robt-f
O'Keefe John J-f
Older Jas A-f
Smith-Andrews Abstract
Co-f

Washburn Walter-f

PORT WASHINGTON

Adams Geo-f
Bichler John-f l
Bostwick E B-f
Bostwick J M-f l c
Eckel C F-f
Grady Albert-f
Hill Clarence-f l c
Ramsey W H-f
Schumacker Frank-f c
Schumacker F J-f
Schanon W F-f
Uselding J E-f

PRAIRIE DU CHIEN

Amann E C-f
Garretty J-f
Neidymeyer F-f

Otto H-f
Smrcina V-f

PRESCOTT

Chapin George-f
Cook Geo-f
Longworth Edward-f l

PRINCETON

Giese Herman-l c
Manthey H J-f
Maxwell H J-f
Megow H E-f
Rimpler Albert-f
Schultheis Henry-f c
Whittemore W W-f

RACINE

Anderson Jacob-f
Bashell R E-l
Boyd R M-f
Carpenter & Rowlands-
f c
Christianson Nels & Son-
f
Durgin J E-l
Fagen T A-f
Frankson J R-f
Gemmill J A-f
James D C-f c
Johnson C & Son-f
Knight J W Co-f
Leach E W-l
McCaughy W F-l
Mann I O & Son-f
Miller L D & Co-f l c
Miller Wm H-f l
Mogensen Louis-f
Morey D J & Sons-f
Peterson & Nelson-f
Petura J L-f
Powers Thos-l
Rowlands J E-f
Schlegel L-f
Schultz F & Co-f
Wendt & Fazen-f
Yance Levi-f

REEDSBURG

Gill N I-f
Hahnyl D H-f
Morse Geo T-f
O'Connor Hugh W-f
Perry R P-f c
Riggert Wm-f c
Sheldon C F-f
Stone Chas H-f
Stone James A-f c
Winchester W F-f c
Wyse Wm A-f c

RHINELANDER

Barnes-Wecaner Agcy-f
l c
Browne Paul-f c
Caldwell R L-f
Hilgermann Geo-f
Leadbetter L A-l
Mahoney Geo F
Miller & Reeves-f
Mortier R S-f
O'Melia A J-f
Orr Wm C-f
Smith C S-f
Steele H F-f
Teal J C-f l c

RICE LAKE

Ackerman W J-f l c
Bergerson J C-f l c
Bliss B I-f c
Bowers E N-f c
Coe Laurence S-f c
Clark & Whitaker-f c
De Jung Paul-f
Demarest J B-f
Demers W A-f c
Dietz W W-f c
Frank & Polland-f
Jenson Oscar-f
Parodia V H-f c
Peterson S A-t c

WIS.—Con.**RICHLAND CENTER**

Clark H J—f c
McCorkle W S—f c
Gile J F—f
Pier A V—f
Thomson C R—f 1 c
Wulfig Geo—f

RIPON

Carter J E—f
Fortnum A H—f
Harger A M—f c
Hornor G B—f c
Hornor G F—f c
Loper A A & Co—f c
Lyle W R—f c
Mappa Ralph—f c
Steele Frank E—f c
Suszycki F W—f
Thiel Paul—f c
Thomas David—f c

RIVER FALLS

Ellis C R—f
Fuller A E—f
Grimm J H—f
Judd C A—f c
Knowles W P—f 1 c
Krauth Sherman—f
Skogmo G R—f
Spence W G—f
Wiger C N—f c

SAUK CITY

Buckley M T—f
Buerki John E—f
Hamberger Robt—f 1 c
Hahn Otto W—f c
Kohn Alfred—f
Naffs Hugo & Henry—f
Shorer & Homuth—f
Theisen Math—f
Williams Andrew A—f

SHARON

Densmore F C—f c
Hoard Ralph—f c
Kinyon Henry—f c
Mansfield Geo C—f 1 c
Morgan J I—f c
Warren S M—f 1 c

SHEBOYGAN

Aldag & Burhop—f
Baum Jos S—f
Behnke O C—f 1
Beney Felix—f
Bowler & Bowler—f
Clarenbach E—f
Detling & Detling—f
Fairweather W C & Son—f 1 c
Giblin J M—f
Grasse L—f
Guenther G H—f 1 c
Hanson J W—f c
Heller Geo Jr—f 1
Hinze Ernst—f
Hoppe's Ins Agency—f c
Johann W C—f c
Keli Frank—f c
Krabosetz J O—f
Kuchmeister H—f 1 c
Lutze C F & Co—f
Lutze E Sons Co—f
Lynch Thos H—f c
Margenau F W—f
Martin Hugh—f 1 c
Nagle Henry F—f
Neuens H J—f c
Nickel J H—f
Oehler Edw F & Co—f
Pauly A P—f 1 c
Prescott A G—f
Preussler Otto—f c
Roenitz W C—f c
Schafer N J—f
Schmitt Will J—f

Schrage Gus—f c
Schulz Wm F—f
Steimle John M—f
Stolzengurg Chas F—f 1 c
Trilling Ott J—f c
Vander Heyden M J—f
Voigt W A—f 1
Wetzel J E—f c
Young Allen D—f
Zundel E A—f

SHEBOYGAN FALLS

Ballschmider O D—f 1 c
Barragar W H—f
Bauernfeind J—f
Delavan John—f c
Ehren J P—f
Little DeRoy T—c
Ostheiser J P—f
Wachter Chas—f

SHERIDAN

Beartmore W H—f

SHULLSBURG

Fleming M J—f
Girlech F—f
O'Brien M A—f c
Williams John P—f c

SPARTA

Ady I H & Co—f c
Blyton W H & Co—f c
Dickerson E W—f
Frazier & Maxson—f
Holden Fred—f
Howard A E—f
Longwell & Jones—f
Miller Lewis—f
Rice Z S—f
Wilberg J E—f 1 c

STANLEY

Allalack M E—f
Culbertson C B—f
Green Jess D—f
Gregerson Harold—f
Halverson J B—f c
Imbert Roe—f c
Perkins J R—f c

STEVEN'S POINT

Boyanowski Leo A—f
Buckingham Co W B—f 1 c
Finch H J & Co—f c
Fisher, Hanna & Cashin—f c
Haka John—f
Hein C W—f 1 c
Lickteig Aloysius M—f
Moore L P—f
Portage Co Loan & Abstract Co—f c
Seamans M D—f
Seeger L J—f 1 c
Sellers E W—f 1 c
Shippy Frank—f
Shumway W J—f 1 c
Simonson C W—f c
Van Hecke C E—f
Wakefield Geo—f 1 c

STOUGHTON

Chase Frank—f c
Currier & Larson—f c
Dow, Robe & Sons—f c
Gilbert A E—f
Hegelmeyer W C—f c
Hibbard J M—f c
Hulseither H A—f
Lowry M Robert—f c
Lowry W J—f
Usher D D—f 1
Wait B E—f

STURGEON BAY

Acher Ed—f
Bernhardt H O—f c
Door Co Abstract Co—f c

Fetser Henry—f c
Hodges H R—f
Jenneyohn F B—f
Nelson & Lawrence—f
Ollinger John G—f 1 c
Peterson H L—f
Shauer J M—f c
Stephenson C M—f

SUPERIOR

Bardon J A—f c
Bird C H & Co—f
Bradley Brink Co—f c
Cooke B C Agency—f
Crumpton F R—f c
Eaton A S—f
Ehart Charles A—f
Finch Griffin Co—f c
Gilbert H W—f
Hagerman H L—f
Harper-Shields Agency—f c
Harper & Pauling—f
Heimbaugh & Spring—f
Howe Agency—f
Jerrard & Lenroot—f
Lenroot-Finn Agency—f
Loney & Peckham—f c
McCabe Insurance Agency—f c
McCabe John M—f
McMahon Agency The—f
McIntosh & McIntosh—f c
Mann R H—f c
Moss L J—f 1 c
Newton Geo G & Co—f
Nye R J & Co—f
Peyton B M—f
Rogers-Ruger Co—f
Shields R J—f c
Stephenson R & Co—f
Stratton Philip G & Co—f
Sunderland & Ostrander—f c
Tennis Chas C & Co—f
Webb W H—f
West S B—f c
Wildner & Wildner—f
Wirtz J J—f

TOMAH

Drew Frank—f
Fisk C W—f
Fuller Bert—f
Hollister A E—f
Homermiller W C—f
McCaul Thomas—f c
McCaul Wm—f 1 c
Palmer Mrs S D—f 1 c
Rice J P—f
Sowle H M—f
Vandell H B—f
Voswinkel C W D—f
Warren W W—f

TOMAHAWK

Done J G—f
Floyd J H—f 1
Fuller H G—f
Kelly James—f 1 c
Macomber C E—f
Olson A J—f 1 c
Seth Jas A—f c
Sheldon G M—f c
Werner F P—f c

TWO RIVERS

Dicke Geo H—f
Geimer J A—f
Klaus & Magee—f
Krause Alvin M—f 1
Lohmann Arthur H—f 1
Mueller, Hamilton & Co—f c
Niquette Wm—f c
Priegnitz Wm A—f c
Schmitt Peter—f

VIROQUA

Dawson John & Co—f 1 c
First Nat'l Bank—f c
Powell & Dawson—f c

WASHBURN

Axelberg H P—f c
Clausen L N—f c
Gray W—f
McDonald D A—f
Morgan Geo F—f

WATERFORD

Noll Lewis L—f
Sanders Wm—f
Starkey E—f

WATERTOWN

Blumenfeld Charles R—f
Buchheit Gustav—f c
Conway John G—f
Davies, Lueck, Muelberger & Lueck—f
Emmerling C E—f 1
Frey Chas E—f
Fuller Ralph A—f
Hahn O C—f
Kading & Kading—f
Knick Louis A—f
Knick Louis W—f
Padolske Julius—f
Platz Alexander D—f
Prentiss J F—f
Rohr Max—f
Rohr Wm H—f
Schmutzler Ferdinand—f
Schoeckert & Hauer—f
Scholl Louis & Co—f
Siegler Fred A—f
Skinner Chas A—f
Tanck Emil—f c
Van Orden—f
Voss W F—f
Wenck Chas J—f 1 c
Wiemann Ed—f
Wright Jos & Son—f c

WAUKESHA

Baxter & Wright—f
Brasted Chas E—f c
Breeze Richard P—c
Brehm John—f
Buchanan J R—f
Connelly A M—f
Davis Will J—f c
Douglas L E—f 1
Fenlon Edw W—f
Findlay John—f
Frame & Blackstone—f c
Fraser C J—f 1 c
Fritz P L—f 1 c
Gault F H—f
Gerkin G E—f c
Gredler J G—f
Hardy & Ryan—f 1 c
Hartshorn W—f c
Jones Owen L—f
Morey Robt—f
Moses D H—f c
Sawyer Carl H Agency—f 1 c
Snyder M L—f
Steinert & Atkin—f
Taylor T H—c
Tullar Robert A—f
Zimmermann D K—f

WAUPACA

Havenor R J—f 1 c
Herrman B W—f
Holst Peter—f c
Jeffers E B—f 1
Johnson Alfred & Son—f c
Lord Irving P—f c
Nordvi G H—f
Peterson H P—f
Scott M B—f c
Van Epps Mrs Frances—f

WAUPUN Brinkerhoff J E-f 1 c Butts L J-f 1 c Curtis H C-f Davison R B-f 1 Hooker C E-f c Johnson Fred-f Kastein B-f 1 c Merriam R C-f Murray James-f Oliver R L-f Pautach W-f Perry G E-f Sheehan J T-f Telinde G-f Tillotson Mrs E A-f Turner T N-f c Von Berg C W-1 Zimmerman Richard-f WAUSAU Alderson V A-f Alrecht Wm Jr-1	Bock A A & Son-f Chartier Ins Agency-f 1 c French H L-1 Holub A-f c Kretlow E C-f 1 c Manson J N-f 1 c Meyer T C-f c Monahan & Andres-f c Petric F-1 Regner & Ringle-f Ripassinski J-f Weik Clyde-1 Webster W J-1 Zimmerman & Rowley-f 1 c WAUWATOSA Bradley H P-f Gridley L R-f c Kellogg Alonzo F-f McIntyre R J-f	Martin J O-f Myers J O-f Smith Geo E-f Wade C G-f WEST BEND Bratz Leo-1 Bratz W C-f c Bucklin F-f Eberhardt E-f Kuechenmeister G A-f Leins C F-f 1 Moore C P-f O'Meara Jos-f 1 c Thielmann Anton-f c Wagner A M-f 1 c Ziegler B C-f 1 c WHITEWATER Buckley B-f Burton James E-f	Cass E T-f Hamilton-f Henderson J F & N R-f 1 c Henderson Roy N-f 1 c Kiser F C-f Kiser F H-f c McMillen-f Rogers Earl-f 1 c Taft S L-1 Uttes C E-f Warner D T-f Wheeler & Tratt-f Williams Chas-f WINNECONNE Hughes C W-f Lund L-f Miller A L-f Riley H C-f c Russell C A-f c
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WYOMING

BUFFALO Clark Alvin T-f Cochran S B-f Longworthy S C-f 1 Watkins R O-f Wyoming Loan & Trust Co-f c CASPER Bailey Wm-f Barnes J B-f Berry F D-f Bryan Chester-f Bury J H-f 1 c Greene W H-f Hagens G R-f McFadden Jas-f Schreck Ben F-f Scott J T-f Shipp Richard E-f Taylor R L-f Wheeler M P-f Western Realty Co-f 1 c Wilson W O-f Wood Frank-f CHEYENNE Bailey Charles W-f 1 Barksdale J C-1 Bond W C & Co-f c Bruner J W & Son-f c Carey C D-f Chapman Mark A-f 1 Covert & Covert-1 Crain H-1 Cremer C W-1 Edwards A H-1 Edwards & Rippey-1 Edwards M W-1 Forbes F J-1 Gill D W-c Hartung M H-f c Kabis L-f	Kennedy T B-c Kline M A-c Larsh W L-1 McInerney & Conway-f 1 c McKinstry C R-f Mallin C F-c Pierpoint L W-1 Ragooland P J-c Reich Chas M-1 Renfro J F-f 1 Riner C W & Co-f 1 c Rogers C H-1 Scott D M-1 Scott J N-1 Shoemaker D T-1 Siefken R H-1 Taylor & Co-f Tucker W L-1 Warner W B-c Williams A O-c Wilson F E-f DOUGLAS Anderson H C-f Boun & Collins-f c Brown C O-f Dateman & O'Brien-f c Devine H J-f c Knittle F S-f Maurer Chas F-f Mecum W F-f Miller Henry C-f Rowley T C-c Stansbury Wm M-f Willis C A-f Winslow Wm I-f Zimmerman C D-f EVANSTON Beeman & Cashin Mercantile Co-f Blyth & Fargo Co-f Dawson I-f	Evanston National Bank-f First National Bank of Evanston-f Gunnell Charles-f Hatten Jesse-f Isherwood M W-f 1 c Meyers Leo W-f Niabet Alexander-f 1 Pugh Wm-f GREEN RIVER Chrisman Jas A-f Dankowski S-f Dunn W I-f c First National Bank-f c Gaensalen E A-f Gravelle G C-f Hopkins D-f Kephart J T-f 1 Morris Robt C-f Peters E E-f Rogers Wm-f LANDER Amoretti & Firestone-f c Earl Fred-f Fourt E H-f Sharp J W-f c Spriggs John J-f Stack Gerald A-f 1 c LARAMIE Brookhart H A-f 1 c Butler H R-f c Campbell Geo A-1 Dekay C W-f Fitch R E-f 1 c Gibson Carl-f Hayes W H-f 1 c Herrick D O-1 Hynds Hugh-f 1 Kennedy L J-f c Palmer E P-f c	Rauner C L-1 Roach H N-f Shoemaker G U-f 1 c Symons J H-f Tegner C M-f Western Investment Co-f c NEW CASTLE Cooper F R-f Fakler David-f Kugland & Raynor-f 1 c Jackson P S-f 1 c Sedgwick & Smith-f 1 c RAWLINS Bennett J A-f Boyce Chas B-f 1 Breitenstein H-f Buchanan J E-f 1 c France Homer A-f Friend J C-f Greig Robert-1 c McIntosh & Doty-f McMicken A-f Magor R A-f Merrell Gertrude H-f c Paulsow Paul-f Rasmusson H-f Reid Will-f Rumsey Jas M-f Schalk Louis-f Thode A F-f Wallace E A-f Zingaheim Rudolph-f ROCK SPRINGS Boyer J P-1 c Kendall & Boyer-f c Johnstone John-1 McCurtain A L-1 c Smith Burt-f 1 c Van Dusen & Murphy-f c
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DEPENDENCIES OF THE UNITED STATES
HAWAII

HILO First Trust Co Ltd-f 1 c Hawaiian Ins & Guar Co Ltd-f 1 c Hilo Mercantile Co Ltd-f Lyman & Watson-f 1 c Patten H V-f 1 c Spinola M. de F-f 1 c	HONOLULU Alexander & Baldwin Ltd-f Bishop Insurance Agcy Ltd-f 1 c Bolte C-f Brewer C & Co Ltd-f Cartwright Bruce-f 1 c	Castle & Cooke Ltd-f 1 Davies Theo H & Co Ltd-f Dillingham The B F Co Dowsett J M-f First Trust Co of Hilo The Ltd-f Gillman J A-f	Guardian Trust Co Ltd-f Hawaiian Trust Co Ltd-f Hackfeld H & Co Ltd-f Hoffschlager Co Ltd-f Island Investment Co Ltd-f
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HAWAII—Honolulu, Con.

MacFarlane F W—f
 Motoshige W—f
 Pratt Jas W—f
 Schaefer F A & Co—
 Ltd—f
 Trent Trust Co Ltd—f
 Von Hamm-Young Co
 The Ltd—f
 Von Holt H M—f
 Walker J S—f
 Waterhouse Co The
 Ltd—f

**Waterhouse Trust Co
Henry Ltd—f****KAUAI**

Bishop & Co—f l
 Hofgaard C B—f l c

LAHAINA

Lufkin C D—f l c

OAHU

Alexander & Baldwin—
 f c
 Bishop Ins Agency—f l c
 Bolte C—f

**Brewer C & Co Ltd—f
Cartwright Bruce—f c**

Cartwright Bruce Jr—
 f l c
 Castle & Cooke—f l
 Davies Theo H & Co—
 f c
 Dillingham B F Co—f l
 Dowsett J M—f
 Duisenberg & Co—f
 Gilman J A—f
 Guardian Trust Co Ltd—
 f
 Hackfield H & Co—f
 Hawaiian Trust Co—f l c

**Hoffschlaeger Co Ltd—f
MacFarlane F W—f**

Motoshige W—f
 Schaefer F A & Co—f
 The First Trust Co of
 Hilo Ltd—f l c
 The Waterhouse Co Ltd
 —f
 Trent Trust Co—f l c
 Von Hamm-Young Co—f
 Von Holt H M—f
 Waterhouse Henry Trust
 Co Ltd—f l c
 Wolters W—f

PHILIPPINE ISLANDS**MANILA**

Andrews J H & Co
 89 Anloague Bin
 Behn, Meyer & Co
 114 Anloague
 Buck Martin
 16 Martinez Bin
 Donaldson Sim & Co
 62 Nueva Bin
 Findlay & Co
 25 Plaza Goiti
 Forbes Munn & Co
 48 David Bin
 Froelich & Kuttner
 82 Anloague

Germann & Co

137 S Jacinto
 Heinszen C & Co
 158 Rosario Bin
 Herdman R E
 6 Plaza Moraga
 Hip On & Co
 7 Olivares Bin
 Holiday, Wise & Co
 100 Anloague
 Ker & Co
 7 San Gabriel Bin
 Kuenzle & Streiff
 48 David

Lucio y Limpango

24 Sacristia Bin
 Lutz, Moll & Co
 69 Anloague Bin
 Macleod & Co
 311 Muelle del Rey
 Macondray & Co
 18 P Cervantes
 Meerkamp & Co
 227 Muelle de la Reina
 Reyes Feo
 19 P Moraga
 Sackermann Sr
 95 Anloague Bin

Smith, Bell & Co

2 Carenero Bin
 Spitz Enrique
 42 Escola
 Sprungli & Co
 28 David Bin
 Stevenson W F & Co
 223 Muelle del Rey
 Struckmann & Co
 95 San Vicente Bin
 Tuason J M & Co
 106 Carriedo Quiapo
 Warner, Barnes & Co
 7 Carenero

PORTO RICO**AGUADILLA**

Rubio E Hijos—f
 Sanders, Philipi & Co—
 f l
 Silva J T & Co—f

CABO RAJO

Montaliso Colberg Elias
 —f

CAROLINA

Modesto, Ortiz & Marti-
 nez—f

COAMO

Rivera Manuel A—f

HUMACAO

Narciso Bassó—f

MAYAGUEZ

Cintron D E S en Co—f
 Fritze, Lundt & Co Suces
 —f l
 Gomez Hiram—f l
 Graña Manuel—f
 Moral & Co S en Co—f
 Quinones Tomas—f
 Ramos & Suarez—f
 Succs de Frontera S en
 Co—f

PONCE

Fritze, Lundt & Co Suces
 —f l
 Mariani X—f
 Toro Manuel A—f l
 Wantzelius Oliver & Co
 —f

SAN JUAN

Besosa Harry F—c
 Finlay Waymouth & Lee
 —f
 Fritze Lundt & Co—f c
 Gandia & Stubbe—f l

Hartzell Chas—c

Korber & Co—f l c
 Ochoa J & Hermano—f
 Sanchez Morales L—l
 Silva J T Co—f c
 Sobrinos de Erquiaga—f c
 Vere Chas—f
 Villar & Co—f
 Welty Frank M—c

CUBA**HAVANA**

Davis Norman H—f

DOMINION OF CANADA**ALBERTA****CALGARY**

Ackland W A—c
 Alberta Loan & Inv Co
 Ltd—f c
 Arden Wm—l
 Banks F C—f
 Blow W R & Co—f
 Bull J E—f
 Campbell C J — Co—f
 Carr A H & Co—f
 Carver H B—f
 Compton F S—f
 Commonwealth Trust Co
 Ltd—f
 Darker R A—l
 Devenish O G & Co—f c
 Dagg & White—f
 Francis Chas R—f
 Gilroy & Son—f
 Graveley V B & C—f c
 Harris F W—l

Hornbrook, Whittemore

& Allen—f c
 Huddell & Patterson—f
 Hull W R & Co—f
 Humphrey J M & Co Ltd
 —f c
 Imperial Fin Corp of
 Canada Ltd—f
 Ins & Gen Agcy Ltd—f
 Irvine J A & Co—f
 Keith J W—l
 Keith-Mills Agency—f
 Kilbourn F A—f
 Loughheed & Taylor Ltd
 —f c
 Lott & Co Ltd—f c
 Lowes F C & Co—f c
 McCutcheon A W—l
 MacDonald Frank—l
 MacDonald H B Co—f c
 McTeet A—l

McQueen C P—l

Mapson F W & Co—f c
 Mason J J & Co—f
 Mayhew R W & Co—f
 Middleton Hal E—f c
 Motley H H—f c
 Neve Rex E—f
 Newton & Nowers—f
 Niblock & Tull—f
 Norton T W F—l
 Nunnemaker F—l
 Ogilvie F A—l
 Oldfield Kirbey & Gard-
 ner—f
 O'Sullivan R B—f
 Page Geo H—l
 Pascoe J B—l
 Pegler F E—l
 Riley's Ltd—f
 Robertson & Carille—f
 Robinson Geo A—l

Rodwelt Geo E—c

Rogers & Wright—f
 Ross J P—l
 Scott W E—l
 Security Trust Co—f
 Skinner T J S Co Ltd—
 Sullivan W J—l
 Tavender & Weir—f
 Tisdale O E—f
 Toole, Peet & Co—f l c
 Trusts & Guarantee Co
 Ltd—f
 Union Agencies—f
 Waterbury & Bilton—l
 Whitaker G S & Co—f c
 White, Cleave & Motley
 —f
 Whitney W—l
 Winn C J—f
 Wintemute P A—l

LETHBRIDGE Alberta Loan & Inv Co Alberta Securities Ltd— f l Blackburn A J & Co—f Bowman C B Agency—f l British Canadian Trust Co—f Central Realty Co—f	Dowsley-Mulhern Land Co—f Empire Land Co—f Gibbons R V & Co—f l Iowa-Alberta Land Co—f Kerr C H—f Lathrop O T—f Lethbridge-Weyburn Realty Co—f l	Lewis P V—f Macbeth H—f Macleod & Freeman—f North, Lethbridge Realty Co—f Peat N B & Co—f l c Ripley L S & Co—f Weber & Huff Land Co —f	Wilkie J B & Co—l Wilson & Skeith—f MACLEOD Campbell D J—f l c Hilliard R H—f l K A Y—f l c Mathews R G—f l c Scougall G H—f l
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BRITISH COLUMBIA

CHILLIWACK Ashwell J H—f Bent J Howe—f Budd W L—f l Cawley & Carmichael—f c Hart F J & Co—f l c Hutchison C—f l Pelly J—f Rose W A—f Scott J—f Smith A N—f l Wilkinson J H—l	St Denis & Lawrence— f l c Smith & Allen—f l c Steel J R—f l c Wolverton N—f l c NEW WESTMINSTER B C Trust Co Ltd—f British North America Securities Corp Ltd—f Casselman B F—l Chesterfield E J—l Edmonds W F—f English & Brown—f Gray & Gilchrist—f Greame E A—f Hart F J & Co—f l c Hepworth Ins Agcy—f l c Johnston J J Kellington & Hanry—f McLeod A W—r Malins, Coulthard & Coy Major & Savage—r Murray Wm—f Smith & Hutton—f l c Westminster Trust Co Ltd—f c	Prudential Trust Co Ltd —f c Richards & Akroyd—f Robertson & Mackenzie Ltd—f c Scott A J Twiss J W—l Ward Robert & Co Ltd —f c VICTORIA Baird S A Esq—f l Bridgman A W Ltd—f l B A Trust Co Ltd—f c Benson & Winslow—f B C Land & Inv Agcy Ltd—f Brown P R—f c Bullen & Jamieson—f l c Cameron Inv & Sec Co —f Canada West Loan Co—f Clarke R W—f Coast Bldrs & Brks—f Coles Arthur—f l c Conyers L U & Co—f c Cox & Saunders—f Cree A H—f Crompton R W & Co—f l Cross C T & Co—f Currie & Power—f l c Dalby & Lawson—f Day R S—f c Dougall F J C—f Drury R L—f c Duck & Johnston—f l Elliott J G—f c Empire Realty Co—f Findlay, Durham & Bro- die Ltd—f c Forsythe C A—f George A & Co—f c Green & Burdick Bros— f l c Gillespie, Hart & Todd— f l c	Globe Agencies—f l Hackett J L—l Hall Richard—f l c Hart F J & Co—f Heisterman, Forman & Co—f Island Inv Co—f Johnson E M—f Jones A W Ltd—f Kilner F L—f King Bros—f c Kinsman J E—f l c Kingham Jos & Co—f Lee & Fraser—f l c Leeming Bros—f Lloyd, Young & Russell —f Mackay T O—f Mackay & Gillespie—f McGregor J S & Co—f l c McPherson-Fullerton Bros—f c Malet A D & Co—f Mann C S—f Merchants Finance & Trading Co—f Miller H D & Co—f l Monteith Wm & Co—f Mowat Geo N—f Oddy B S—f l Payne & Pitts—f Pemberton & Son—f l Rithet R P & Co—f l Swinerton & Musgrove— f l Thompson W F H—f l Trackell, Douglas & Co Ltd—f c Trust Co of Vic—f Turner, Beeton & Co—f Western Dom Lands & Inv Co—f White E O & Sons—f Wilson J K—f c Winch R V & Co—f l c Wise & Co—f Wiseman V O—f
KAMLOOPS Albrighton G R—f Hayden W F—f l Kamloops Trust Co—f l c MacMillan A C—f l c Robinson J T—f l c Rowlands & Lewall—f l c Strutt & Nash—f c Tripp A—f l c Wood E S—f l	NANAIMO Greaves W & Co—f Hodgson W—f McWilliam J H—f Martindale & Bate—f Potts B—f Shakespeare E—f l Warne W—f	VANCOUVER Baufeld J J—f Bell-Irving H & Co—f c Breeze J D—f l c Burnett & Son—f Ceperley & Rounsfall—f Charleston Percy—c Evans J E—l Faulkner S G—l Ferrie W B—l Hope-Graveley & Co—f Horne A P—f Kerr J W—l Macaulay & Nicolls—f c MacGowan & Co—f c McGregor D C—f c Mahon McFarland & Mahon—f	
NELSON Appleyard C W—f l c Bird H & M—f l Blackwood C D—f l c Dill H E—f l Hunter G A—f l c McFarland D A—f l c McHardy C F—f l c McQuarrie & Robertson —f l c			

MANITOBA

BRANDON Bailey E J—f l Cornel Jos—f Currie Wm J—f c Evans Coleman—l Harwood O L—f l Irwin A R—f l Magee—f l Moore Dr—f l Purdon—f Scott D H & Son—f l c Smyner H J—f Wiswell & Ayres—f l	PORTAGE LA PRAIRIE Beattie Geo J—f c Cunningham & McPherson— f l c Dawnay's Agency—f l c Garrioch W S—f Hannah H—f c Heath C—f l c Lamont T H—f Metcalf & Burley—f Metcalf & Son—f Montgomery T A—f l c Newman Jos—f O'Brien John—f c Pratt R H M—f Remey L—f c Richardson Bros—f l c Smith & Home—f l c Souch E A—f	WAWANESA Atkinson & Fenwick—f l Stady Chas E—f l c Sweeney Jas—f WINNIPEG Allan, Killam & McKay —f l c Andrews H B—l Baker E S—l Billett T R—f Black N J & Co—f Blakely Dr E A—l Brown-Clark Agency—f Brydges & Waugh Ltd— f c Burch R E—c Campbell A McT—l Carruthers Ins Agcy—f Christie & Co W J—f	Clarke F A—l c Conrad T F—l Cornel S W—l Cote J B—l Day, Pettigrew & Martin —f Dickson J J—l Enderton C H & Co—f c Foster F K—f Gardner John B—l Grant J R—l Hadden John—l Harris & Chisholm—f c Harvey Wm—l Hawkins W E—f Hines J H—f Ins & Gen Agcy Ltd—f c Irish A D—l Kendall J T—l Killer Casper—l Lake R—c
CARBERRY Balfour W C & Co—f l c Barrett G—f Garland Rose B—l Hooper H—f c Neilson J M—f			

MAN.—Winnipeg, Con.

Lawson R & Co—f c
 Lewis T L L—l
 Lord J W—f
 Lovell G S—l
 McAllister Miss M D—l
 McBride William—l
 McCush R G—l
 McDonald D—l
 Macdonald R C—l

Macdonald W E—l
 MacIntyre A E—l
 MacKenzie Wm—l
 McKinnon P D—l
 Meicklejohn H J—l
 Miner G H—l
 Mitchell S H—l
 Morgan J G—l
 Murdoch Andrew—l
 Oldfield, Kirby & Gardner—f c

Osler, Hammond & Naner—f c
 Pace, Harrison & Millar Ltd—f
 Reid A—l
 Robb Miss Annie—l
 Roberts J J—l c
 Robertson R S—l
 Robinson & Black—f c
 Ryan Agency Ltd—f
 Scrimmes W W—f
 Smith Agencies Ltd—f

Smith-Fess Agency—f
 Stewart J W W—l
 Sweatman W P—l
 Taylor E A—l
 Tassie W—l
 Vorheis & Lewis—f c
 Western Underwriters—f
 White W H—l
 Willcox W J—f
 Williams-Rainey Co—f
 Winnipeg Ins and Vessel Agency—f

NEW BRUNSWICK**BATHURST**

Gilbert Geo G—f l
 Johnston D T—f
 Mackay E P—f l c
 Mullins B C—l
 Melanson S J—f
 Veniot P J—c

BLACKVILLE

Beau Simon—f l
 Layton J A—f
 McCarthy M J—f

CAMPBELLTON

Adams A G—f
 Alexander Chas A—f c
 Carr H A—f l
 Firth D C—f
 Kelly M A—l
 Laughlin S—f c
 Lingley S H—f
 Lutz F C—f l c
 McKenzie A E G—f l
 Moores Stephen—l
 Reid J T—f
 Shives R K—f l c
 Yorsten W—f

CHATHAM

Connors Jas F—f l c
 Flannagan J—f
 Haley M F—f l
 Johnston Ed—f
 Loggie Dr W S—f l
 MacKenzie J B D F—l
 Mersereau I W Y—f
 Miller Mrs Fannie—f
 Murray R—f c
 Snowball W B—f
 Tweedie F M—f

FREDERICTON

Anderton J—f l
 Bliss F St John—f
 Gregory A J—f
 Hooper W S—f c
 McLellan R W—f
 Morrison Luke—f c
 Porter W—f
 Wilkinson T S—f l c

MONCTON

Biggar Roy—l
 Card C T
 Cormier L—l

Flanagan James—f
 Girouard Ed—f l
 Harrison S L T—f l c
 Heine L W—f
 Hewson R W—f
 Jones A H—l
 Jones M B—f c
 Jones W G—f l c
 Knight J M—f
 LeBlanc Melase—l
 McCormick & Lacoste—f l
 Mackay J—l
 McCully F A—f
 McWilliams G A—l
 Magee J S—f
 Masters & Snow—f l c
 Read Le B—f l c
 Reilley E A—l
 Robinson C W—f
 Schwartz W O—f l
 Sweeney F J—f
 Willett G B—f

NEWCASTLE

Belyea W H—f
 Call Byron M—f
 Creggan J D—f
 Davidson James W—f l c
 Lawlor J R—f
 Linton J E T—f l c
 McCurdy A E—f
 Morrissey Charles—f
 Nicholson Osburn—f l
 Whalen T H—f
 Williston E P—f l

REXTON

Jardine James—l

SACKVILLE

Alison J F—f c
 Ayer A A—l c
 Copp A B—l
 Murray Thos—f l c
 Powell Bennett & Trites—f l c
 Sangster J W—f
 Wilson F J—f l

ST. ANDREWS

Cockburn M N—f
 Grimmer F H—f l c
 Lamb G H—f
 Stuart R A—f

ST. GEORGE

Cawley F M—f l
 Cross & O'Neill—f
 Cross R A—f l
 Dewar H Vaughan—f
 Herron Alex—f
 McDougall John M—f
 O'Neill E J—f

ST. JOHN

Adams A W—f
 Allingham A P—l
 Armstrong B R—f
 Belyea C H—f
 Blair Andrew—c
 Bonnell F S—l
 Burley Alfred & Co—f c
 Church Roy P—f
 Clarke Percy A—f
 Clinch Peter—f
 Corfield W W—f
 Cowie & Edwards—f
 Dempster C J—l
 Fairweather A C & Sons—f c
 Fairweather F R—f c
 Fairweather Geo E & Son—f
 Farris F S—l
 Frink R W W—f
 Grant J M & C W Hope—f
 Hall & Fairweathers—f
 Howard Percy E—f
 Ingram W J—c
 Jarvis C E L & Sons—f c
 Jarvis & Whitaker—f
 Jarvis Wm M—f
 Jordan Gilbert—l
 King J H—l
 Knowlton & Gilchrist—f
 Lawlor J W—l
 Lockhart & Ritchie—f c
 Lowe L J—l
 MacDonald C A—l c
 Machum & Foster—f
 Machum A J—l
 Machum The E R Co—f l c
 McLean H H—f
 Merritt G W—l
 Nixon & McLellan—f c
 Otty George O D—f
 Owens C A—l
 Parker Geo W—l
 Percy J K—l

Peters A W—l
 Queen J M—f l
 Robertson H W—l
 Robinson T B & H B—f l c
 Scammell Chas S—l
 Sipprell E M—f l
 Sipprell Roy—l
 Sturdee E T C—c
 Sullivan J Fred—f
 Thomson Wm Co—f c
 Tilley & Conlon—f
 Vroom & Arnold—f
 White & Calkin—f

ST. MARTINS

Cochran F M—f l c
 Love Robert Allen—f
 Skillen W E—f

ST. STEPHEN

Clarke G J—f l
 Flewelling J M—f l c
 Hill Henry E—l
 Inches W W—l
 Mills N M—f
 Murchie Howard—f c
 Richardson J W—l c
 Ross F E—f
 Topping G S—f l c
 Whitlock Julius T—f l c

WOODSTOCK

Arnold Guy—l c
 Balmalin Wm—f l c
 Bourne H W—f
 Boyer F W—f l c
 Cluff J H—f c
 Comben Charles—f c
 Connell E K—f
 Currie F A—l
 Dibble & Aughton—f l c
 Grant H L—l
 Gray Geo—l
 Hartley J C—f l
 Jordan C D—f l
 Lindsay John A—f
 Marsten P S—f l c
 Mooers I L—l
 Noble B N—f l
 Parsons S J—f
 Stairs J H—f l c
 Vince E R—f
 Young L E—f

NOVA SCOTIA**ANNAPOLIS**

Atlee A E—f l
 Corbitt G E—f
 Edwards J P—l
 Hardwick G B—f
 Harris F W—f l c
 Hawksworth G A—f
 King A M—f
 McDormand M C—f
 Owen J M—f
 Pickles F W—f

Runciman J H—f
 Whitman F C—f

ANTIGONISH

Chisholm D C—l
 Chisholm A D—f
 Gerrier E L—f l
 Griffin R R—f
 Harris C E—f l c
 McPhee F H—f

Trotter F R—f
 Whidden C Edgar—f l

DIGBY

Daley J—f c
 Jones Dr J E—f
 Jones O C—c
 Sprout D & O—f
 Van Blarcon W E—f l

HALIFAX

Beardsley S M—l
 Bell A J—f c
 Bissett F W & Co—c
 Crosby H S
 Curran Hart & Co Ltd—l
 Dale & Co—f c
 Daly & Corbett—f c
 Elliott Roy—f
 Evans C A—f

Faulkner & Co—f c
Gass J C—l
Goudge T—f
Grant, Oxley & Co—f l c
Gunning C W—f l
Hayden F P—l
Hebb W E—l c
Hewat W R C—l
Jack A M & Son—f c
Lynch G J—f
McInnes W R & Co—f
McLarren H R—l
McLennan M C—l
Merlin R F—c
Nichols G E E—f
Raimie & Keator—f c
Saunders & Duffus—f c
Sealey E J—l
Shortt Alfred—f l c
Strachan J—c
Thompson, Adams & Co—f c
Thompson W J G—f
Wilson J T—l
Wylde & McFatrige Ltd—f c

NEW GLASGOW

Douglas A—f
Doul John—f
Fitzpatrick H K—f
Fraser Stanley—f
Graham Gordon M—f l c
Graham R H—f
Grant R—l
Jennison H V—f
Kay Daniel R—l
McDonald J Ed—f c
McGillivray Miss Jessie—f l
McGregor P A—f
McKay Rod G—f
McKenzie W F—f c
McPherson Kenneth—l
McQuarrie Wm—l c
Pettis Fred—l
Smith Sydney—l

Sinclair J H—f c
Sutherland H T—f
Thompson J G—f
Wilson James T—l

PICTOU

Dickson W A—f
Fraser Wm—f c
Harty J W—f
Ives Chas W—f c
Ives Welsford—l
Logan David—l
McDonnell Alex—f l c
Priest J W—f
Primrose Bros—f
Tanner Charles E—f
Tanner W F—f

SPRINGHILL

McLeod Daniel—f
Murray R B—f l c
Ross George—f
Terres H S—f

STELLARTON

Cameron C H—f
Campbell Robert—l
Fraser John—f l c
Grant Bros—f c
Henderson J W—f l
Ingilis A M—f
McDonald W C—c
McLeod John T—l
McQuarrie Jno—f
Miller W G—f l
Reid T J—f
Rogers B D—f

SYDNEY

Betcher J W—l c
Bown C R—f
Burchell J E—f l
Crofton A M—f l c
Dur Ree Mr—l
Gunn A D—f c
Hanrahan E—l
Hill W A G—f

Joyce S R—l
Lowe L J—l
McGrattan Leo—f
Mackay W D—f l c
Mackay W J R—c
McIsaac Allan R—l
Moseley E W—f
Ross C B—f c
Semple E W—f
Wetmore C V—f l
Young & Lorway—f l c

TRURO

Archibald H C—f
Archibald R McG—f
Armstrong C A—f l
Armstrong W B—f
Black A S—f l
Campbell A J—f l
Creelman Currie—c
Cox M S—f
Crowe L G—f c
Dalrymple A T—f
Dickie H A—f l
Ferguson W M—f c
Fulton G O—f
Geddes J H—f
Gladwin E H—l
Griffin D M—l
Horton W S—l
Huntley Fred—l
Huntley F S—l
Joy W H—l
King T M—f l c
King W P—f l c
Layton Geo—f
Lewis G E M—f
McDougall H G—l
McLachy H O—f
McLellan S D—f
McLennon C A—f l
Murray David—f
Porter B F—f l c
Putnam Harold—f
Schurman F B—f
Smith Frank—f
Tremaine R A—f

Vernon E D—f
Vernon G H—f l
Waddell S J—l
Weeks C M—l
White J W—l

WINDSOR

Ansloew Jas J—f c
Barclay N L—l
Blanchard J W—f
Christie W M—f
Curren J E—f l c
Dimock C Henry—f
Dimock E N—f
Graham John P—f l c
McDonald John—l
Morse E J—f l c
O'Brien Jas—l c
Roach Frank—f l
Russell J A—l
Sangster H W—f c
Secton R B—l
Shand A P & F A—f
Shaw W W—f
Smith Clarence P—f
Smith Jesse P—l
Spence Jas C—f

YARMOUTH

Corning & Chapman—f
Corning Wm—f
Crosby Frank—l
Godfrey C G—c
Godfrey Wm L—f c
Gray J Bond—f l c
Kelley R Charles—f
Killam Bros—f l
Landry & Cameron—f
Law W & Co—f c
Lewis H K—f l c
McGray A E—f
McKay C Curtis—f c
McKay Robt S—f
Pelton Chas—f
Sanderson Geo G—f c
Spinney E K—f c
Stoneman Arthur P—c
Trefry Albert H—l

ONTARIO

ALEXANDRIA

Davis A—f l
Kerr J—f c
Macdonald A G—f
Morris Bros—f l c
McDonald Donald A—l
Smith James—f l

ALLISTON

Clark W—f c
Dunn John—f l
Ellis W S—f l c
Henderson Robt—f c
Hutchinson Geo—f
Salter J E—f l
Wright James—f l c

ALMONTE

Greig & Greig—f
Jamieson H—f
Kirkland J T—f
Pollock W C—f l c
Slattery John—f
Stafford W H—f

AMHERSTBURG

Barron A P—l
Davis Fred H A—f
Falls Bros—f l c
Gott George—f l c
Lovegrove John—f
Pettipiece J H—f
Scratch R P—l
Wilkinson W T—f c

BARRIE

Arnold Jas—f l c
Ball Henry—f l

Bennett John H—f c

Braden A—f l
Brady J—l
Connor T E—l c
Devins W R—l c
Fletcher R J—f
Gilpin R—l c
Grafton C F—f l c
Jamieson H D—l
Jory H E—f l c
Lett F A—f l c
Lyon O H—f
Malcolhuson A F A—f l c
Montgomery F M—f
Moore John—f l c
Morton G—f
Reburn J—l
Ward Thomas—f l c
Wilkes Alfred—f

BELLVILLE

Adams R W—f
Ashley C—f
Burrows S—l c
Butterfield J W—l
Clarke F M—f
Davison J W—f
Diamond W J—f
Ewen T E—f
Hudson W H—f
Ketcheson H F—f l c
Ketcheson R H—f
La Roche E H—f l
Levett Sam—l
Parks J E—l
Stewart Thos—f
Thomas H T—f
Whelan & Yeoman—f

BERLIN

Asmussen Wm—f l c
Berlin Agencies—f l c
Bricker M M—f l c
Eden J R—f l c
Haley R J—l
Kranz Carl—f l c
Lochead W M O—l c
McMeekin John—f l c
Mitchell W E—f l c
Near W J—l
Rittinger Wm—l c
Schulte B C—f l c
Staebler H L & Co—f l c

BLENHEIM

Burse Peter—f
Crookshank John—f
Fleming G—l
Greenwood Jas—f
Greenwood W R—l
Hall W E—f l c
McVittie Jas—f l c
Morris J K—f
Thompson Geo—f

BOWMANVILLE

Allen W F—f
Bingham Thos—f c
Cann Harry—f l c
Davey S R—l
Luscombe R R—f
McMurtry T H—l c
Moorecraft J S—f
Pethick F C—c
Simpson D B—f
Trebekcock P—f

BRACEBRIDGE

Bard Chas—f
Bridgland H B—f
Dickie Moses—f c
Hodgson D T—f
Hunt A—f
Kinsey W W—f
Linney H—l
Mawdsley C E—f l c
Perry R P—f l c
Wallies Harry—f l c
Warne Francis P—f

BRADFORD

Green G G—f l c
McArthur A—f
Martin S—f c
Watson W D—l

BRAMPTON

Ashley R B—f l c
Boesfield W H—f c
Center Martin—f l c
Davis A G—f
Gordon C D—f
Gordon J D—f c
Graham E G—f
Justin B F—f
Kirkwood Miss Mary—f
McLelland John—f l c
McFadden W H—f
Morphy W S—f
Pringle R H—f l c
Teagold W—f
Young W C—l c

ONT.—Con.**BRANTFORD**

Adams H B—f
 Ballachey Geo—f 1 c
 Brooks K W—f c
 Bullock F J & Co—f c
 Bunnell K V & Co Ltd
 —f
 Burbank J—f
 Campbell John—f
 Dowling Jno S & Co Ltd
 —f 1 c
 Fair John—f
 Freeman Jas—f 1
 Fry S Milton—f
 Genet H A—f c
 Hammond W H—f
 Hendry T—f 1
 Hess James E—f 1
 Heyd Geo D—f
 Liddell J G—f
 Noble Herbert—c
 Olive A G—f
 Read Frank—f
 Read S G & Son Ltd—
 f c

Schultz P A & Co—f
 Thorburn Donald—f
 Wade Thos S—f c
 Webling W H—f 1 c
 Wood Leslie—f 1
 Yeigh H—c

BRIGHTON

Alexander R—f
 Becker B C H—f 1 c
 Butler W C—f 1 c
 Davidson W N—f
 La Tour J J—f c
 Morrow J H—f c
 Porte W W—f 1 c

BROCKVILLE

Bissell C—f
 Braniff J E—f
 Bresnan James—f c
 Buckman E A—f c
 Buckman Geo—f c
 Buell W S—f
 Cochran K C—f c
 Cummings D A & Co—f c
 Cuthbertson N—f
 Dargavel L C—f
 Donaldson A—f
 Eastern Realty Co—f
 Fulford F W—f c
 Gamble Robt—f c
 Gilley A—f
 Kilpatrick S J & Son—f
 McClean G C—f 1 c
 McClellan W G—f
 Mansell I J—f 1 c
 Mott T—f 1 c
 Shearer Wm—f 1
 Taylor J—f
 Weatherhead Edwin L—
 f 1 c
 Weatherhead Edwin L &
 Co—f 1 c
 White Harry B—f 1 c
 Yarker C W—f 1

BRUSSELS

Gerry B—f
 Kerr W H—f
 Leckie J—f 1 c
 Scott F S—f 1 c

CAMPBELLFORD

Benor F—f 1 c
 Ferris J B—f 1 c
 Fisher S J—f c
 Horkens T J—f

CARLETON PLACE

Allen W H—f c
 Hudson A T—f
 Galvin J S—f
 McIntosh C—f
 Morgan R—f c

Patterson & Findlay—f 1 c
 Steele Jas—f
 Stewart A F—f

CHATHAM

Billings Chas—f
 Boufford E L—f
 Byrd & Sawtell—f 1 c
 Cumming C J & Co—
 f 1 c
 Dunn J P—f c
 Grandy John—f
 Harris T R—f
 Hyatt L H—f
 Humphrey J W—f 1 c
 Keller C—f 1
 Lamont Stewart—f
 Linlay F W—f
 Mcellar J P—f c
 Murphy R A—f c
 Ripin W E—f 1 c
 Smith & Smith—f 1 c
 Williams Ernest—f

CLARKSBURG

Hartman C W—f 1 c
 Pye C—f 1

CLINTON

Cooper A T—f
 Hale C B—f 1
 Hooper A—f c
 Macpherson D L—f 1 c
 McCorvie D—f
 McTaggart Bros—f 1
 Pattison A O—f 1 c
 Ridout C—f
 Robertson G—f
 Taylor Jacob—f 1
 Wesley Walker—f
 Wiseman John—f

COBOURG

Bickle John W—f
 Burn D—f
 Clarke Miss Ethel M—f
 Evor Leonard—f
 Field F M—f
 Hagerman J G—f 1 c
 Howell & Masters—f c
 MacNathan N F—f 1 c
 Minaker D H—f
 Osler E H—f c
 Roberts Arthur B—f 1 c

COLLINGWOOD

Barr D C—f 1
 Carmichael W—f 1
 Churchill F W & Co—
 f 1 c
 Coles G C—f 1 c
 Hogg W A—f
 Hughes Robt—f 1 c
 Knight A D—f
 Mair John—f 1
 McKim & Son—f
 Nolan E H—f 1 c
 O'Brien H B—f 1 c

CORNWALL

Callaghan P F—f 1
 Cline R S—f
 Connolly John—f 1 c
 Eamon C—f 1 c
 Fetterly A C—f 1
 Freeman Jas—f 1 c
 Jardine A—f
 Kirkpatrick J T—f
 McDonald Ed—f
 Monroe D—f 1 c
 Porteous A T—f
 Tallion J—f 1 c

DESERONTO

Bedford H R—f c
 Donnelly Thomas—f 1 c
 Jack Robert M—f
 Rathbun Co The—f 1 c

DRESDEN

Gillespie B—f
 Hicks F A—f 1 c
 Foussett H M—f
 Webster I B—f
 Weir Geo E—f

DUNVILLE

Anderson & Anderson—
 f 1 c
 Cleary J—f 1 c
 Massecar L—f

ELORA

Brolley W E—f
 Carter Alex—f
 Clarke Henry—f c
 Lipsey Thos—f c
 Wissler Sem—f c

EXETER

Brooks C T—f
 Carling T B—f 1
 Delbridge Frank L—f
 Dickson & Carling—f c
 Dore N J—f
 Elliott Ernest—f c
 Fisher Thos F—f
 Gladman & Stanbury—f
 Hardy S—f
 Hastings A—f 1
 Huston Henry—f c
 Senior Jos—f 1
 Vincent L D—f

FENELON FALLS

Arnold Jas L—f
 Graham Thos—f 1 c
 Marks E—f
 McArthur John—f

FOREST

Baily Robt—c
 Campbell P W—f
 Farrell Jno—f
 Gifford A—f
 Gordon J N—f 1
 Jones Thos—f 1 c
 Porte W J—f
 Scott R E—f
 Tripp N—f 1 c

GALT

Blake & Aitkin—f c
 Fleming D J—f 1 c
 Hawk H O—f 1 c
 Head C R—f c
 Hilborn A W—f
 Moffatt J S—f
 Shupe Leon—f c
 Strong A D—f c
 Virgil W T—f c
 Willard J M—f

GANANOQUE

Heaslip B W—f 1 c
 Jackson J A—f
 Meggs W E—f c
 Peck Geo & Son—f
 Rogers D—f
 Wilson H & Son—f

GEORGETOWN

Kennedy J W—f 1
 Roe C C—f 1 c

GLENCOE

Campbell M C—f c
 Poole James—f 1 c

GODERICH

Campbell W—f
 Carey O S—f
 Craigie J W—f 1 c
 Dougherty L—f
 Nesbitt A G—f 1
 Radcliffe R—f
 Robertson W R—f c
 Woods Geo—f
 Yates Jas—f 1

GUELPH

Barlow & Co—f 1 c
 Bell W J—f 1 c
 Black A A—f
 Brydon R H—f
 Chapman Geo—f
 Davidson John—f c
 Gray L—f
 Hamilton G Powell—f c
 Hamilton W H—f
 Hilliard F B—f
 Jones & Johnson Ltd—
 f 1 c
 Kilgour J—f
 Law Samuel & Son—f c
 McGimsie D—f
 Parker A—f
 Precious H—f
 Stone A—f
 Sutherland John & Sons
 Ltd—f c
 White W W—f

HAMILTON

Ambrose Walter—f 1 c
 Ambrose W F—f 1 c
 Applegath J K—f 1 c
 Coulthard J Boyne—f
 Crerar & Burkholder—
 f 1 c
 Davey T J W—f 1 c
 Davidson F R—f
 Faulkner E M—f 1 c
 Gates F W—f 1 c
 Hardy C P—f c
 Healey H J—f
 Hooper F L—f 1 c
 Jones S & Co—f c
 Kidd David—f
 Lester T W—f 1 c
 Linton C B—f
 Martin R S—f c
 McIlroy S R—f
 McCutcheon J A—f 1 c
 McPhie H—f c
 Menger Bros—f
 Milne & Lyall—f
 Mills S G & Co—f 1 c
 Mitchell Wm—f
 Moore A H—f c
 Moore & Davis—f
 Morden W & J—f c
 Murray Hugh—f 1 c
 Niles W C—f
 Payne Elford G—f 1 c
 Pennington M A—f
 Robins F C—f 1 c
 Spratt W A—f 1 c
 Stuart W R—f
 Thomson C E—f c
 Truman J T—f c
 Waldron L W—f
 Walker & Co—f 1 c
 Walker C W—f
 Waters W J—f
 Weganest J Geo—f c
 Whipple H B—f

HAWKESBURY

Berthaume F—f
 Higginson E C—f
 Lawlor H W—f
 Wilson Stanley—f

INGERSOL

Batcheller H D—f
 Coleridge John—f
 Cuthbertson D G—f 1 c
 Hugill E H—f 1 c
 Macaulay A—f 1 c
 Moon & Moon—f c
 Rogerson R—f 1 c
 Stirling J—f 1
 Sutherland Geo—f 1 c
 Sutherland W M—f

KINCARDINE

Anderson W S—f
 Campbell Alex—f
 Fisher F—f
 Fleming J H—f 1
 Henry E A—f

Henry W J—f
Mackenzie J A—f 1 c
Macpherson M J—f 1 c
Miller Elijah—l
Ross Robt—f 1
Seougal J H—f c
Smith A M—f
Weshburn A C—f

KINGSTON

Bateman G A—f 1 c
Bell R C—f
Carroll Jno—f 1
Cooke J B—l
Corbett J W—l
Davis R F—f 1
Fair W J—l
Ferguson Wm G—l
Flanagan Miss—f 1
Givens David—f
Gowin Enoch—f
Hutton J—f 1 c
Johnston M G—l
Kirkpatrick C S—f 1 c
Lelever J T—f 1
Lockhard F J—f
McCann J S R—f 1 c
Mills Thos—f 1
Norman H F—f 1
Penwarden W H—l
Roughton S—l
Strange & Strange—f c
Swift Jas—f
Swift Joseph—f 1 c
White W J B—f 1 c

LEAMINGTON

Adams S R—f 1 c
Caulson W C—f
Daykin H O—f 1 c
Gidley Wm G—f 1 c
Leonard John—f 1
McSween Wm—f
Phellips F—f

LINDSAY

Agnew & Co—f 1 c
Blackwell Geo—c
Campbell A J—l c
Chard W P—f 1
Cornell R G—f c
Dean James—l
Gilligly J A—f
Knight L R—f 1 c
Knowlson J M—f 1 c
McClory F—f 1 c
McLean B L—l
Rams S—l
Wood Bert—l

LISTOWEL

Bricker S—l c
Gibson Norman—l c
Hamilton J C—f 1
Hamilton T L—f 1 c
Male Thomas—f c
Scott J W—f
Smith Charles—l
Smith S M—f
Tabberner C—f c

LONDON

Beddome, Brown &
Meredith—f 1 c
Butler R & Son—f 1 c
Campbell D & Son
Davis G H—l
Ellis Andrew—f
Fallon F E—l
Ferguson & Coy—f
Gates H E—l
German C E—l
Gilean A—f 1
Glass C T & S F—l c
Gunn G M & Son—f 1 c
Hammond F J & Son—f 1 c
Hayes G W—f
Johnston J R—l
Macgregor A S—l
Merritt G H—f 1 c

Millman P M—f 1 c
Nelles J A & Son—f 1 c
Nichol G H—l
Reeve Vivian—l
Richardson W H—l
Simcox E G—l
Smyth A G—f
Sutherland J A—f 1 c
Thompson J C—l
Towe E—f 1
Udy A N—f 1 c

LUCKNOW

Agnew J E—f c
Linsay H J—f 1 c
Siddall G A—f

MEAFORD

Brown R E—f c
Ellis Hubert—f
Johnston J J—f
Reid Homer—f 1 c
Robinson W J—f 1 c
Sing W H—f

MITCHELL

Blowes A J—l
Burrit C H—f
Cameron A D—f 1 c
Dougherty Jas—l
May W F—f 1 c

MT. FORREST

Cook J J—f 1 c
Gilroy George R—f 1
Perry W C—f 1

NAPANEE

Beard R A—f 1
Bogart F—f 1
Bogart M C—f
Ham John—f
Hall W F—f 1 c
Harshaw A T—f
Lapum E S—f c
Madmen J E—f c
Metzler J W—f
Paul A E—f c
Wilson U M—f 1

NEW MARKET

Atkinson L—c
Dillaim E—l
Hughes C M—f 1 c
Keith Wm—f 1
Lundy C E—l
Morton C P—f 1
Prosser F H—f
Ramsay A A—f
Readman W—l
Robertson K N—f 1 c
Terry B B—f
Widdifield J E—f 1
Widdifield W C—f

NIAGARA FALLS

Ballard G B R—f 1 c
Conquest R B—l c
Folemsbee F—f 1 c
Hemmings John W—l c
McClive & Fraser—f 1 c
Misener F B—f 1 c
Mortimer Geo & Co—f 1 c
Newport J A & Co—f 1 c
Robertson W W—f c
Young R C—f 1 c

NORTH BAY

Aubry W—l c
Brennan M—f 1 c
Burke J—f
Devlin C D—l
Doucet J J—l
Falby Jos—f 1 c
Gilmour & Torrance—f 1 c
Hammond C E & Co—f 1 c
Kennedy W P—f
Kinnsella J—f
McCool P—f
McKeown D J—f 1

Martin Wm—f 1 c
Patton T J—f 1
Rheume E C—f 1 c
Sheedy J A—c
Wallace Thomas—f
Winters T H—f c

NORWICH

Beatty D C—f 1
Bushell M L—f
Hogarth J D—f 1
Irwin James—l
Moore H S—f
Van Valkenburg H—f 1 c
Yeo John A—l

ORANGEVILLE

Annis A E—l
Bennett J M—f c
Brown D B & Son—f 1 c
Henry R B—f 1
Hughes J H—l
Legatt T C—f
Lindsay J—f
McPherson D—f
Robertson J S—l c
Smith J E & Co—l
White J J—f 1 c
Wilkins M & Son—f 1

ORILLIA

Bingham H A—f
Boyle John—l c
Boyle Wm—l c
Brabazon G R—l c
Browne G A—f 1
Card C—f 1 c
Clark G H—f 1 c
Craw W D—f 1 c
Croker W H—f
Dunham J B—l c
Evans F G—f
Ferguson Murdoch—f 1 c
Ferguson C D—f 1 c
Fitton C E—f
Fowlie James—f 1 c
Hart T P—f 1 c
Henderson Jas B—f
Hilliars Mr—l
Hipwell R—f 1
Horne F—f 1 c
Kearns Harold—f 1 c
Kearns L J—f 1 c
King T—f
Mulcahy John T—f
Overend Geo—f 1 c
Rapley G—f
Robinson S S—f
Rose J C—f
Ruthven H—l
Scott J—f c
Secord J P—f c
Thompson A B—f
Webber & Webber—f 1 c

OSHAWA

Babe S—f
Burden W D—l
Carswell H Thos—f
Davis & Son—f c
Hallitt F—f
Hamlin R—f
Higgins Real Estate Co—f
Johnson Geo—l
Lander E V—f
Lick E H—f
McMurty P H—f 1 c
Miller & Sons Thos—l
Morris Thomas—f
Owen J P—f
Parks D W—f 1 c
Patten F—f 1
Punshon P H—f
Rowe U J—f
Thompson J A—f

OTTAWA

Acres A G—f
Beach & Argue—f
Best W J—f
Bick W—f

Bishop Wm—f 1 c
Black W G—f
Brownlee R—l
Caldwell J Y—f
Carpenter A J—f
Carriere C H—f
Childerose & Pratt—f
Cote Jos—f
Courtney & Sears—f 1 c
Cunningham & Co—f
Davidson & Moffat—f
Dewar & Bethune—f 1 c
Douglas C A & Co—f 1 c
Egan, Scott & Chambers—f

Edey E R—l
Grant Wm—l
Haycock R H & Son—l
Hawkins G J—l
Healy J J & Co—l c
Helmer A D—f
Higgerty C—f
Jackson J R—f
Johnson C R—f
King & Ray—f 1 c
King Charles—f c
Lamb W A—l
Larmonth & Rowett—f
Larmonth E—f c
McMahon E—f
Macoun L S—f
Mill I A—l
Mooney H & Sons—l
Moxley R—f 1
Noonan J T
Pennock A W—f 1
Pennock, Masson & Kirby—f 1
Porter N D—f
Reid John R—l
Richard A Hector—f 1
Robertson J D
Rogers V V—l
Selwyn E A—l c
Shaw C S—f
Soper E N—f
Stewart Robert & Son—f 1
Thornton G E C—l
Weaver M E—l
Wickware A S
Wiggins C M—f

OWEN SOUND

Cameron C S—f
Chisholm A J—l
Cochrane James—f
Creighton G P—f 1 c
Fleming C A—f
Goldsmith R R—f 1 c
Legate Wm—f 1 c
McInnis J H—f c
McGregor R H—f 1 c
McTavish John—f 1
Menzies George—f 1 c
Middlebro W S—f
Miller R B—f c
Patterson R A—f 1 c
Peacock J J A—f 1 c
Raven J P—f
Rutherford Fred—f c
Sivil Elias—f 1 c
Stephens W B—f c
Telford James P—f c
Zapfer Geo F—l

PARIS

Carrol G H C—f
Kay John I P O A A—f 1 c
Kent & Howell—f 1 c
Key Henry—f
Lindsay John—f 1
Pickering Gill—f c
Smiley Jas—f 1 c

PARKDALE

MacMath Hugh—f c
Parkdale Real Estate Co—f
Sanders Mr—f
Shaw E S—f 1 c

ONT.—Con.**PARK HILL**

Dawson Wm—f c
 Gilbert A B—f c
 Mactavish A A—f
 McRoberts W John—f
 Munro Thos—f
 Tait N W—f

PEMBROKE

Dow I—f l c
 Duminy F M—l
 Fortier A J—f l
 Horn T R—f l
 Johnston & Summers—f l c
 Lockhart J R—f l
 Munro J A—f
 Stewart J C—f l
 Warren D B & Son—f l c

PERTH

Armstrong C B—f l
 Cavers P—f
 Code John—f
 Dowson S T—f l
 Foy C J—f l c
 Hall F W—f
 Hope Peter—f
 Matheson & Balderson—f
 Matheson A—f
 Meigh A Bros—f
 Robertson W S—f
 Sewell C J—f c
 Shaw A C—f l c
 Stewart & Hope—f l c
 Taylor Henry—f l c

PETERBOROUGH

Allen J I—l
 Allison A W—f l c
 Benor Geo A—l
 Bradburn T F—f l c
 Brown A & Co—f
 Crane John—f
 Davis-Thompson Co Ltd—f l c
 Driscoll Frank—l
 Elliott R A & Co—f
 Fife J O—f
 Hall W G—f l c
 Haslam Wm A—l
 Hatton N C—f c
 Hill W H—f l c
 Kennedy D—f
 Kennedy W J—l
 Kidd R J—f l c
 Laing A R—l
 Lindsay H P—f l
 Mark Thos—f l
 Might Wm—f
 Morrow W G—l
 Phelan H—f c
 Pope Geo—l
 Reid E J—l
 Robinson T W—f l c
 Rush H—f l
 Southwell Geo—l
 Storey Jas A—f
 Taylor W H—f l c
 Taylor W L—l
 Young Con & Son—f l c

PETROLIA

Egan Charles—f l c
 Farrel John—l c
 Matthews J J—l c
 Peat J & Son
 Walker J W—f l c

PICTON

German M R—f
 Hubbs O C—f l c
 Robin John W—f
 Ross Walter T—f
 Spencer C C—f l c
 Williamson W H & Son—f l c

PORT ARTHUR

Andrew T N—f c
 Bonin Agency—f l
 Dobie E J B—f l
 Duffy C—l
 Freed A P—l
 Jackson & Co—f l c
 Kennedy J A—f l c
 Kinder T W—l
 McCallum W A—f l c
 McGuire M—l c
 Munro P D—f c
 Port Arthur Ins & Vessel Agency—f c
 Rapsey Albert J—f c
 Ray S W—f l c
 Rutnan & Co—f c
 Russell Meikle—f c
 Sture W P—f c

PORT DOVER

Barrett H B—f
 Barwell C W—f
 Matthews R E—f l
 Morgan L G—f
 Tibbetts W F—f
 Varey Josiah—f l c

PORT HOPE

Benson F A—l
 Bletcher Miss M—f
 Bletcher Wm—f
 Brown E—f
 Choate N—f
 Chisholm D H—f l c
 Cornelius Mr—l
 Dyer E V—l
 Gifford S—l
 Long A H C—f l c
 MacIsagart Mr—l
 Mulholland R A—c
 Robertson W J—f l
 Runnalls Jno & Son—f l c
 Sanders J W—f c
 Scott Wm—l
 Smart J E—f l
 Smart R W—l
 Smith S S—f
 Wallace Ida Mrs—f l c
 Ward H A—f

PORT PERRY

Adams & Hutchinson—f c
 Brown J H—f
 Ebbels H L—f
 McCaw Wm—f c
 Pearce & Ward—f

PRESCOTT

Allen W J—f
 Coates J B—f l c
 Coates J E—f l
 Davy F J—f l c
 Dowaley J K—f l c
 Dubrule J—f
 Elliott Fred—f
 French F J—f
 Halpin P K—f
 Lauster E—f
 Mundle J—f l c
 Powell M—f l c
 Whitney Albert—f

RENFREW

Devine John—f
 Dewey C—l
 Mayhew J—f l
 Rochester J K—f l c
 Stafford Jos—f
 Wright Orange—f l

RIDGETOWN

Cochran Duncan—f c
 Elliot J A—f l
 McDonald H J—l c
 McKinlay Arthur F—f l c
 McKinlay John P—f
 Watson Geo A—f c
 Watson O K—f

RODNEY

Baker M—f l c
 McLean James A—f
 Morris S B—f l c
 Shaw J D—f l
 Sim Alex A—f l c

ST. CATHARINES

Dwyer E F—f
 Fowlie Robt—f
 Gayman J F—f l c
 Gayman Melvin Co Ltd—f l c
 Gordon J W—f l
 Gripto C M—l
 Lindsay A N—f l c
 Kernaghan & Graves—f l c
 McAvoy & Eagle—f l c
 McGibbon Walter—f
 Mahaffey Bros—f
 Miles S Plumley—f l c
 Mills W D—l
 Moore John G—f l c
 Moyer F H—f c
 O'Loughlin H—f l c
 Parnell & Craise—f
 Rose & Bell—f l c
 Thompson David—f l c
 Timmons J J—l c
 Walker D M—f l c
 Young J W—f l

ST MARYS

Anderson D G—c
 Carman A—f l c
 Duncan M—l
 Johnston W—f
 Lancaster A—f
 Long Miss M E—f
 Meighen Joseph—c
 Reesor H L—c
 Shepherd R—f c
 Simms J—c
 Stanley L D—f l c
 Stevenson H H—f c
 Whaley D S—l c
 Wood A C—f

ST. THOMAS

Brack W T—f c
 Burns J W—f l c
 Coulter W R—f l c
 Geddes Geo—f l c
 Horton E A—f l
 Idsardi W E—f l
 Jackson W R—f
 Johnson M B—f l c
 McIntyre C M—l
 McPherson W I—f l c
 May W H—f l
 Miller R J—f c
 Moore E—f l
 Mulvaney J O—l c
 Murch W H—f
 Nosworthy W E—f
 Pound E O—f l c
 Roache G—f l
 Roe Henry—f c
 Treadwell C—f l c
 Urie J Mc—f l c

SARNIA

Bucke E P—f c
 Chester A J—f l c
 Cook T H & Co—f l c
 Elliott J F—f l c
 Gordon D J—f c
 Maxwell Tim—f
 Paul Robert—f l
 Poussett H M—l
 Sanders M A—f l c
 Sarnia Realty Co—f l c
 Scott W J—f c
 Sinclair D N—l
 Wiggins W A—f l c
 Yard H—f c

SEAFORTH

Beattie James—f
 Hinchley Jas D—l c

Rankin John—f l
 Van Egmond Lt
 Watson James—f l c

SIMCOE

Boyd W D—f
 Curtis Frank E—f l c
 Everett W C—f l c
 Groff H B—f
 McCall W C—f l c
 McKee George J—f l c
 Nelles T R—f l c
 Taylor Joseph—f l
 Winter A A—f

SMITH'S FALLS

Burns J E—f
 Caswell B—f
 Gardiner J J—f l
 Hambleton H J—l
 Healy D C—f
 Hyndman Wm—f
 Keith Geo A—f
 Lewis J A—f
 McEwen John—f l
 Miner H C—f l c
 Reid J J—f
 Sparham B—f
 Sweeney W O—f

STRATFORD

Rolger W S—f
 Bradley F E—l
 Brown John—f l c
 Burritt D B—f l c
 Copus F A—l c
 Dempsey H—l
 Fiebig & Heagy—f
 Graff G I—f l
 Harris J—f l
 Johnson H M—f
 Jolliffe Thos—l
 Jones A E F—f l
 Kirby Harry—l
 Langan Geo—f l
 Lawrence Wm—f l
 Lloyd Jno W—f l c
 McNichol R—f l c
 Miller W—f l
 Montieth J C—f l
 Orr R Thos—f c
 Packert C—f c
 Penprase Chas—l
 Purcell Jas J—l
 Quarry Jas—l
 Scarff Fred J—f l c
 Smith J S—l
 Stevenson J & R J—f l c
 Stinson E J L—f c
 Waddell & Son—l c
 Wilson J M—f l c

STRATHROY

Brooks Frank—f l c
 Kinder Geo—l c
 Lindsay H G—f
 McDonald James V—l
 McIntosh J H—f
 Nicholson H—f l
 Noble James—f
 Rapley Herb—f
 Rapley M—l
 Thompson H—l
 Traver E—f
 Trueman R M—f c

THORNBURY

Devins W R—l
 McLean A D—f l c

THOROLD

Battle David—f
 Hoover A M—f
 Munro D J C—f l c
 Pattison F—f

TILLSONBURG

Biette F—f
 Brown T T—f l
 Denton C H—f l c

Dunreah J—l
Fero Thos—f
Hollier & Walsh—l
McIntyre Alex—f l c
McMahan E—f
Ostrander & Stilwell—f l
Raynes A E—f c
Tillson E V—f c
Weeks Wm—f l

TORONTO

Armstrong & DeWitt—f c
Ardagh I J—l
Arnold E F—l
Badenach C H—f
Bailey P L—f
Baird John—f
Baird R S—l
Bastedo N H—l
Beatty E P—f
Begg H—f
Bessey W H—l
Blackburn H M—f
Blogg T C—f
Boyd Jas T—l
Brandon Jas—l
Bretz A—l
Briggs A W—l
Briggs Hy—l
Brodie & Henry—f
Broughall Geo—l
Buckland H G—f
Burnett G G—f
Burns G D—l
Burruss & Sweatman—f
Butt R H & Son—f
Campbell J N—l
Cawthra H V—f
Chadwick C W—l
Charlesworth & McKee—f
Corbald C E—f
Cox H C—l
Crawford A J—f
Crossin H W—f
Dale & Co—f
Dingle F E—f
Dobson W C T—l
Donovan A E—l
Earls John—f
Eastmure A L—f c
Ellis Alf H—l c
Evans & Gooch—f
Evans H W—f
Evans R S—l
Ewart J H—f
Fairbanks Wm—f
Faircloth R T—l
Garrett J W—l
Garrow E F—f
Garvin J N—l
Geale F M & Co—f
Gibbs Bros—f
Gillespie C T—l
Gillespie W Percy Co
Ltd—f
Gilmor A R—f
Goddard John A—f
Goldman L—l
Gooch F H—f
Gouinlock John—f
Greenwood R—f
Grundy Geo H—l
Hall T H—f
Hall W H—f
Hamilton R C—f
Hamilton Wm—l
Hargraff Geo R—f l c
Harman S B—f l
Harrington A—f
Hayes J C & Co—f
Henderson E—f
Hewlett J—f
Hines W A—l
Holland W H—l
Hoover J R—f
Howarth J G—l
Hunter B B—f
Hunter Chas—l
Hunter R—l
Hynes J L—l
Hunter Thos—l

Iriah & Moulson—f
James G H—l
Jennings James—l
Johnson A W—l
Johnson M D—l
Johnston A L—f
Jones & Proctor Bros—l
Jones Geo H—l
Junkin R—l
Kerns R J—l
Kernahan M G
Kerr John W—l
Kerr R W—l
King J H—f
King M A D—f
Kingston Geo A—l
Kirkpatrick A E—f c
Kirkpatrick A M M—f c
Laidlaw J B—f
Lake John N—l
Lamont C J—l
Lee Frank—f
Lee W A & Son—f
Livingston John—l
Love R W—f
Lovell Robt—l
Lyon G S—f
Lowry Dr D—l
McAdam D A—l
McCarthy J O—l
McCallum P A—f
McConkey T G—l
Macdonald J K—l
Macdonald W C—l
McFadden J A—l
McIntyre W T—l
McKay Benjamin P—f
McLean, Szeliski & Stone
—f
McMullen F J—f
McMurrich Geo & Sons—f
McMurry W J—l
McNaught C B—f
McTaggart W O—c
Maguire & Connon—f l
Maguire Thomas—f
Magurn J B—l
Marshall Edwin—f l
Mason T H—f
Marter E C—f
Maughan John & Son—l
Medland & Son—f c
Meikle W B—f
Merritt R N—l
Miller David—l
Mills J S & G G—l
Minton T S—f
Mix Jas—l
Moon Robert—c
Moore G L—f
Mowers G H—l
Muntz & Beatty—f
Murphy, Love, Hamil-
ton & Bascom—f
O'Hara & Sons—l
Orr Geo H—l
Orr W H & Son—l
Oxley A M—l
Parkes, McVittie &
Shaw—f
Parkinson & Johnson—l
Parkinson T B—l
Parkinson W—l
Peachy W R—l
Peake L C—l
Pearson E P—f
Peck W J—f
Plumb F—l
Portch E G—l
Purvis E T—l
Pyke G A—f
Quinn Percy J—f
Ramsey A G—l
Reed J C—l
Reed, Shaw & McNaught
—f
Richardson T D—f
Richmond H J—f
Riddell T A—l
Ridout D K—f
Ridout & Strickland—f

Roberts John S—l
Robertson Percy—f
Russell F H—l c
Russell J—l
Salls S E—l
Sanderson F—l
Scadding E A—f
Scott Chester G—c
Shaw & Begg—f
Sherritt Geo A—f c
Smith A W—f l
Smith F J—f
Smith, Mackenzie &
Hall—f
Sparling C P—l
Sparling F—l
Stanford F T—l
Stark John—f
Stephenson A C—f
Stewart F J—f
Stewart L A—l
Sutherland H—l
Sylvester S A—f l c
Szeliski Paul—f
Thayer Ira B & Son—l c
Thompson M G—f
Toronto Ins & Vessel
Agency—f
Tory John A—l
Vanderwater M—f
VanKoughnet A—f l
Walker E B—l
Walker F W—f
Walker Harton—f
Wallace T W—l
Walmsley Wm—f c
Walsh J J—f
Watson & Burrell—f
Weir R—f
White F W—l
Williams H H—f
Wilson A E—f
Wood & Kirkpatrick—f c
Wood Wm—l
Woodland C W—c
Wright Alfred—f
Wright A E—f l c
Wylie J R—l

TRENTON

Bonter G S—f l c
Fraser R—f
Ireland G A—f l c
Whittier H—f l c
Winterborn James—f

UXBRIDGE

Hamilton W—f
Hare V M—f
Harmon R P—f
Miller A E—l
Moore R J—f l c
Ormiston & Hare—f c
Ormiston W S—f l c
Sharpe & Cooke—f

WALKERTON

Atwood Thos E—f l c
Dippel M G—f l c
Martyn Geo D—l
Ramesbottom T—l
Segmiller O—l
Shaw W M—l
Shumacher J J—f c
Stephens A H—l
Whitehead James—f l c

WALLACEBURG

Beattie J A—f l c
Burgess B M—f l c
Hinnegan T F—f l
McDougall & Martin—
f l c
McGregor W J—f
Meyers H—l
Mickle A—f

WATERLOO

Boehm C A—f l c
Carthew W—f
Cressman A K—f l c
Halstead F—l
Hughes J B—l
Roos P H—l
Stauffer J—f

WALTERS FALLS

Dayman W A—f l c
Howey J H—f l

WATFORD

Fitzgerald W E—f
Fuller W S—f l
Hume J H—f c
Watt David—f

WELLAND

Cox H W—f
Demare & Misener—f
Gilchrist J O—f c
Gonder G—l
Hatter H L—f c
Hill & Edgar—f c
Jackson P—l c
Jones E—l
McCormick B J—f c
Sheere P P—f l c
Wilson R G—f l c

WHITBY

Allin A H—l c
Blow E R—f
Dudley L W—f l c
Howden H—f l
Howden J D—l
O'Connor John—f l
Pringle W B—f
Richardson & Richardson
—f l

WINDSOR

Churchill J B—f
Fuller Charles H—l
Gangnier J G—f l c
Laing F H—l
Morton R M—f l c
Parent Geo—f
Peck J O & Son—l c
Reynolds R A & Son—
f l c

WINGHAM

Bailey A F—l
Bell David—c
Couhuts A E—f l
Davis Henry—f
Dodds John—f l
Griffin C N—f l c
Holmes Dudley—f c
Howson & Brocklebank
—c

Morton J A—f
Ritchie & Cosens—f l c
Smith A E—l c
Stewart J G—f l c
Vanstone R—f c
Walker E B—l

WOODSTOCK

Brown J Henry—f c
Edgington I—f l c
Francis V L—f l c
Hall John—l
Manning & Kneal—f l
Nesbitt E W—f l c
Newton T A—f
Ormsby & Clapp—f l c
Perry D M—f
Sawtell Bros—f l c
Scarff J S—f c
Sproat H B—f l c

PRINCE EDWARD ISLAND

CHARLOTTETOWN		SUMMERSIDE	
Brow E R—f 1 c	Stewart D B—f	Arsenault J F—f 1 c	Manson Edward—f c
Davidson H M—f 1 c	Webster J A—f	Burrows Miss Amy G—f 1 c	Monkley E H—f 1 c
Higgs E T—f	KENSINGTON	Campbell Alexander—f 1 c	Morrison Donald—f
Hyndman & Co—f 1 c	Glover Alfred—f	Gordon D—c	Rogers R—f 1 c
McCormick G J—f	Lealie H A—f	Hicks S M—f 1 c	Schurman W G—f 1 c
McEachern John—f	Proffitt J F—f 1		Sharp Herbert S—f
Ross J R—f	Rogers R B—f 1 c		Stavert H W B—f
			Strong Heath—f
			Tanton Bannerman W—f

QUEBEC

BEDFORD	LAUZON		
Coslett E—f	Bontin Alexander—f	Charlton R L—f	Hawthorne J A—f
Currie E F—f c	Lagneux Jos—f	Chateanvert & Martin—f	Haycock A B—f
Rochelean Nap—f	Nohn J E—f	Chevalier Jos—f	Heffernan J A—f
Saunders F C—f	Vien G S—f 1 c	Christmas & Sons—f	Henderson C L—f c
Shelters W A—f		Christmas T H—f	Herbert J A—f
	LEVIS	City Realty Investment Co—f	Hinshaw M C—f
BUCKINGHAM	Dumoutier J A—f	Cleghorn C Power—f	Howard Robt—f
Bothwell N—f		Clelland Wm—f 1 c	Howell A R—f
Gorman E F—f	MAGOG	Cole F Minden—f	Howell A W D—f
Lahair & Bisson—f 1	Audet L A—f	Collins Francis—f	Hudson T H—c
Lemay R—f	Cunningham Geo—f	Courtois Eugene—f	Huot J Alfred—f
Martin M H—f 1 c	Jasmin H—f	Cox Geo G—f	Hurtubise Ed—f
Parker A H—f	Foss M—f	Craddock, Simpson & Co—f	Hurtubise & St Cyr—f
	Peters W—f	Crepeau Isidore—f	Hyde Jno Agency—f
CHICOUTIMI	Pepin D E—f c	Dale & Co Ltd—f	Irvine Arthur M—f
Delisle Gustave Ltd—f 1 c	Taylor Percy—f	Dandurand U H—f	Jackson Wm—f
Dufour J Elz—f	Tourigny Alf—f	Davidson & McRae—f	Jacobs E W—f
Jauvin Ern—f	Wallace F W—f	Davidson R—f	Jarvis Frank—f
Lemieux Albert—f 1 c	West Dr I—f	Decary Gervais—f	Jary Jary—f
Paradis Frs—f 1	Wilcox J R—f	Decary Hercule—f	Jenkins John—f
St Pierre & Belleau—f		De Pencier T F—f 1 c	Johnson C R G—f
Savard Mde Vve J E—f	MONTREAL	Descory Henry L—f	Johnson F W G—f
Simard J—f	Abbott A E—f	Desjardins J C O—f	Johnston H J—f
Tremblay Adelard—f 1	Adams R Percy—f 1 c	Desjardins Paul—f	Joseph Horace—f
Vezina Pitre—f 1 c	Allard Adelard—f	Dick Mrs L W—f	Joseph W I—f
	Allen Geo H—f	Dickson J E—f	Kay H H—f
COATICOKE	Allin Jas & Son—f 1	Dobbin Thos F—f	Kennedy & Colley—f
Dupuis A L—f	Alloway C J—f 1	Dodds W O H—f	Kleinberg N—f
Fateux & Peloquin—f	Armour John E—f	Dostaler A O—f	Knox F J—f
Fontaine H C—f	Armstrong Jos—f	Ducharme Jos A—f	Labeau Geo—f
Nuns & Moulton—f 1 c	Ault Chas—f	Dupont Gustave—f	Labelle J H—f
Shurtleff W L—f 1 c	Ayer H H—f	Dupuy J A—f	Lachapelle Severin Jr—f
Woodman A A—f	Baby Arthur—f	Emo John—c	Lambelle Jos—f
	Baillie James A—f	Esinhart & Evans—f	Lambert H M—f
COWANSVILLE	Barlow W D—f	Evans Fred W Co Ltd—f	Lambly J W—f
Arsenault F P—f	Barnard S L—f	Ewing & Ewing—f	Lamontagne E—f
Draper F E—f 1	Barrett A G E—f	Ewing S W—f	Langlois E J—f c
Kerr David—f	Barry A—f	Faille Jos—f	Langlois Theo—f
Lawrence E E—f 1 c	Bastian Raymond—f	Falick A—f	Lariviere F X—f
Ruiter P A—f	Bickerdike Chas E—f	Ferrand Maurice—f	Laurent Joseph—f
Taber C P—f 1 c	Beckit O G—f	Findlay John Ltd—f	Laurin Cyrille—f
Taber H M—f 1	Belfield T D—f	Findlay W E—f	Laurin J A—f
	Berthiaume O F—f	Foster R B—f	Lavers A H—f
FARNHAM	Berthiaume Raoul—f	Froemcke Alf C H—f	Lavimodiere F O—f
Beriau A L—f	Bickerdike R—f	Fromings H A—f	Lebeau G L—f
Berthiaume J A—f	Blache C R—f	Gaden W C—f	Leblanc J—f
Choquette W F—f	Blumenthal A—f	Gagnier A A—f	Lecavalier A—f
Jutras P W—f 1 c	Boon R R—f	Gagnon A L—f	Leduc Simon—f
Odell H E—f 1 c	Boronow M—f	Gagnon J N A—f	Lee J G—f
Portelance P A—f c	Borthwick John G—f	Galibert C—f	Lefavre Andre—f
	Breedlove W C—f	Gandreau L G—f	Lefort Albert—f
HULL	Bridge R H—f c	Garland C S—f	Legault Alfred—f
Belanger J H—f 1 c	Brousseau F J—f	Garon P—f	Lesage L E—f
Cousineau Jos—f	Brown E H—f	Gaudet W C—f	Lewis & Badgley—f
Leflamme E H—f	Brown Fayette—f	Gault A F Trust Co—f	Lewis G G—f
Simon D C Co—f 1 c	Brown J Stevenson—f	Gault Percy R—f	Lewis Mostyn—f
Thirault O—f	Brown W Chas—f	Gauthier S Raoul—f	Loranger J G A—f
	Brown W Godbee—f	Gauthier Pierre—f	Lukis Stewart & Co—f
JOLIETTE	Browne Fitz James E—f	Gauthier Chas E—f	Lyman P R—f
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Page J O—f 1	Bucknell J A—f	Gougeon N—f	Macaulay R—f
Piche E G & Co—f 1 c	Burket P W A—f	Gour A C—f	Macaulay T B—f
Robitaille & Fontaine—f 1	Butcher W C—f	Gray Samuel—f	McCaw Wm—f 1 c
St George L W—f 1	Byrne Chas A—f	Greenford Saml—f	Macintosh & Hyde—f
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	Cairns Wm—f	Gregoire L L—f	MacEwen John—f
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Calder Charles—f 1 c	Campbell A H—f	Grier J W & Co—f	McGregor Jas—f
Dorion J M—f 1 c	Carreau G P—f	Hagar Walter C—f	McKeon H J—f
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Murphy C—f	Chamberland A N T—f	Hampson Robt & Son Ltd—f	Mailloux A U—f
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Walker G J—f 1 c	Charlebois C—f	Hare & McKenzie—f	Marcil Geo—f
			Martin G E—f
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It is a well-known fact that few lawyers are competent to properly handle an insurance case without a special knowledge of the business, however skillful they may be as general practitioners. We have requested from a large number of well-known underwriters the names of attorneys whom they have found to be competent and satisfactory in the conduct of cases placed in their charge. The following list is made up of the names thus voluntarily given, together with a few others who have given special attention to insurance law.

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A COMPILATION SHOWING THE
WATER SUPPLY AND FIRE APPLIANCES
OF THE
CITIES, TOWNS AND VILLAGES OF THE
UNITED STATES AND CANADA

CORRECTED TO JUNE 1, 1915

RECAPITULATION

Below will be found a summary showing by States the number of towns concerning which reports are given in "Fire Departments and Water Supply" for 1915 compared with those of 1914, with the respective increases made in 1915. This tabulation includes towns of 1,000 inhabitants or over, and also embraces towns having less than that population which are partly protected or have organized fire departments:

STATES	TOWNS REPORTED IN		Increase in 1915	STATES	TOWNS REPORTED IN		Increase in 1915	STATES	TOWNS REPORTED IN		Increase in 1915
	1914	1915			1914	1915			1914	1915	
Alabama	115	115	0	Minnesota	871	398	27	Virginia	81	81	0
Alaska	7	7	0	Mississippi	71	71	0	Washington	160	164	4
Arizona	33	33	0	Missouri	178	178	0	West Virginia	65	65	0
Arkansas	66	66	0	Montana	54	56	2	Wisconsin	341	366	25
California	220	220	0	Nebraska	156	157	1	Wyoming	21	21	0
Colorado	64	64	0	Nevada	24	24	0	Totals, U. S.	7,571	7,656	85
Connecticut	134	134	0	New Hampshire	119	119	0	CANADA			
Delaware	16	16	0	New Jersey	181	181	0	Alberta	59	59	0
Dist. of Columbia	1	1	0	New Mexico	22	22	0	British Columbia	60	60	0
Florida	51	51	0	New York	482	483	1	Manitoba	48	48	0
Georgia	127	127	0	North Carolina	90	98	8	New Brunswick	17	17	0
Hawaii	1	1	0	North Dakota	83	83	0	Newfoundland	1	1	0
Idaho	47	47	0	Ohio	412	412	0	Nova Scotia	35	35	0
Illinois	442	442	0	Oklahoma	118	118	0	Ontario	242	242	0
Indiana	235	235	0	Oregon	92	92	0	Prince Edw'd Isl.	4	4	0
Iowa	380	382	2	Pennsylvania	540	540	0	Quebec	74	74	0
Kansas	171	186	15	Rhode Island	53	53	0	Saskatchewan	88	88	0
Kentucky	181	181	0	South Carolina	65	65	0	Yukon Territory	2	2	0
Louisiana	68	68	0	South Dakota	128	128	0	Totals, Canada	625	625	0
Maine	173	173	0	Tennessee	84	84	0	Grand Totals, U. S. & Can. ..	8,196	8,281	85
Maryland	46	46	0	Texas	276	276	0				
Massachusetts	807	807	0	Utah	61	61	0				
Michigan	302	302	0	Vermont	111	111	0				

INTRODUCTION TO APPENDIX.

FIRE DEPARTMENTS AND WATER SUPPLY.

The statistics given herewith are the culmination of thirty-eight years' effort on the part of The Spectator Company to perfect them, and cover the whole field of Water-Works Systems and Fire Department equipment of the cities, towns and villages of the United States and Canada, being the only publication of its kind in existence. The information has been compiled with great care for the present edition and corrected to June 1. The plan is to include every place having a population of 1,000 or more, and wherever a fire department was reported among the smaller towns it has been inserted in this work. During the years this work has been published, it has been the aim of the publishers to improve upon it each year and to add places where Fire Protection and Water Supply have been put in since the previous publication. It is now the most perfect statement of such information that has ever been prepared. These reports have already proved invaluable to fire underwriters, manufacturers and others, and it is our purpose to extend and improve them from year to year. The populations as given in these reports are taken from the official census of 1910, except in a few cases where later information was obtained.

We desire to extend our thanks to all persons who have aided us in collecting these statistics, either by filling out the blanks sent to them or otherwise contributing to secure accuracy.

Underwriters' Ratings.—The underwriters' ratings given in the following pages are generally in accordance with the specifications here outlined:

First Class.—Full paid fire department, electric fire alarm system and adequate water-works.

Second Class.—Volunteer or partly paid fire department; with engineers and drivers fully paid and always on duty, and adequate water-works.

Third Class.—Volunteer fire department and fair water supply.

Fourth Class.—Facilities inferior to those of third-class towns.

Fifth Class.—No fire protection.

List of Abbreviations Used in the Following Pages.

a.—acres.
aer.—aerial.
al.—alarm.
auto.—automobile.
bk.—brick.
bldgs.—buildings.
bus.—business.
bx.—boxes.
cap.—capacity.
car.—carriages.
cem.—cement.
cent.—center.
c. i.—cast iron.
centrif.—centrifugal.
c.—chemical.
c. & h.—chemical and hose.
comb.—combination.
combt.—combustibles.
comr.—commissioner.
comp.—compound.
conc.—concrete.
cons.—consumption.
cot.—cotton.
dept.—department.
dia.—diameter.
dim.—dimensions.
dir.—direct.
dom.—domestic.
dup.—duplex.
elec.—electric.
eng.—engine.
equip.—equipment.
ex.—extinguisher.
exp.—expense.

ft.—feet.
f.—fire.
fwks.—fireworks.
gals.—gallons.
galv.—galvanized.
gd.—good.
grav.—gravity.
h. d.—high duty.
h. & l.—hook and ladder.
hrs.—horses.
hyd.—hydrants.
in.—inches.
inf.—inferior.
inv.—investigated.
loc.—located.
m.—miles.
mar.—marshal.
mat.—material.
mem.—membership.
merc.—mercantile.
met.—meters.
min.—minute.
mtce.—maintenance.
ord.—ordinance.
org.—organized.
pd.—paid.
perm.—permitted.
p.—population.
pnc.—pneumatic.
pres.—pressure.
priv.—private.
pump.—pumping.
res.—reservoir.
rfs.—roofs.

riv.—river.
rub.—rubber.
serv.—services.
spr.—springs.
sq.—square.
st.—street.
stdp.—standpipe.
stl.—steel.
stm.—steam.
stn.—stone.
stor.—story or stories.
str.—steamer.
strm.—stream.
src.—source.
srch.—searchlight.
sys.—system.
telg.—telegraph.
telp.—telephone.
tk.—tank.
tot.—total.
trk.—truck.
trip.—triplex.
undrs.—underwriters.
val.—value.
vol.—volunteers.
v.—valves.
wag.—wagons.
wd.—wood or wooden.
wh.—whistle.
wks.—works.
wls.—wheels.
wrt.—wrought.
&—and

ALABAMA

ABBEVILLE, p. 1,141; f. area, 650 a. F. dept.—2 reel carts, 1,500 ft. hose; val. equip. \$1,500; val. bldgs. \$200; tot. mem., 24, pd. part time.

Water Supply—Src., wells; cost, \$22,000; cost mtce., \$1,500; owned by city.

ALABAMA CITY, p. 4,313; f. area, 500 a. F. dept.—1 c. eng.; tot. mem., 40 vol.

Water Supply—Src., creek; 2 pump. eng., cap. day 1,000 gals.; mains, 10,000 ft.; 40 hyd.; pres., f. 100 lbs.; val. equip., \$30,000; res. 250 ft. above town; cap., 1,500,000 gals.; owned by Co.

ALEXANDER CITY, p. 1,710; f. area, 40 a.; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose wag.; hose, 1,000 ft., gd.; f. al., wh., telp. sys., 100 phones; val. equip., \$800; vol. dept., pd. part time.

Water Supply—Src., 2 bored wells, 100 yds. bus. cent.; stdp. cap. 124,000 gals., dim. 20 x 10, mat. stl.; res. cap. 50,000 gals.; loc. on Court House Square; 2 pump. eng., cap. day 500,000 gals.; mains, c. l., 3 3/4 m., 8, 6 in. & 4 in. dia.; 30 hyd.; 14 v.; pres., dom. 49 lbs.; f. 100 lbs.; cost, \$20,000; owned by city.

ANDALUSIA, p. 2,480; combt. ord. F. dept.—1 comb. c. & h. wag.; c. hand ex., 1 h. & 1. trk.; 2 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$60; tot. mem., 12, pd. part time and vol.

Water Supply—Src., 3 artesian wells in bus. cent.; res. cap., 175,000 gals.; 250 met., 300 serv.; 2 comp. dup. pumps; pipe, iron & wd.; direct press., dom. 50 lbs., f. 150 lbs.; mains, 4 m., 4 to 8 in. dia.; 36 hyd.; wks. owned by pri. Co.

ANNISTON, p. 12,794; f. area, 1/4 sq. m.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., stn. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 auto hose wag., 3 hose wag., 1 hose car., 6 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 29 bx.; val. equip., \$15,000; val. bldgs., \$5,100; exp. dept., \$2,800; tot. mem., 75, pd. full time; undrs. rating, second class.

Water Supply—Src., spr., 8 1/4 m. bus. cent.; sys., pump. to res.; res. cap., 6,400,000 gals., loc. 2 1/2 m. city; 2 pump. eng., cap. day 3,000,000 gals. each; mains, c. l., 26 m., 4 to 30 in. dia.; 185 hyd.; pres., dom. 90 lbs., f. 90 lbs.; cons. day 1,750,000 gals.; owned by Co.

ATHENS, p. 1,715; f. area, 4 a.; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. combt. ord. F. dept.—3 c. hand ex., 2 h. & 1. trks., 2 hose reels; hose, cot., gd., 1,000 ft.; tot. mem., 12 vol.; undrs. rating, third class.

Water Supply—Src., large spr.; sys., pump to res.; res. cap., 190,000 gals.; 8 pump. eng., class, 2 dup., 1 turbine comb., cap. day 2,000,000 gals.; mains, c. l., 17 m., 8 to 4 in. dia.; pres., dom. 140 to 160 lbs.

ATMORE, p. 1,800; f. area, 40 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$1,800; tot. mem., 32 vol.

ATTALLA, p. 2,513; merc. bldgs., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—2 hose carts; hose, rub., gd., 950 ft.; cot., rub. lined, 700 ft.; tot. hose, 1,650 ft.; f. al., wh.; val. equip., \$1,200; exp. dept., \$43; tot. mem., 16 vol.

Water Supply—Src., spr., 1/2 m. bus. cent.; sys., pump to stdp., cap. 58,000 gals., dim. 10 x 100, mat., boiler iron; 2 pump. eng., cap. day 750,000 gals.; pres., dom. 60 lbs., f. 100 lbs.; 5 m. mains, 3 to 8 in. dia.; 28 hyd.; cons. day 20,000 gals.; cost, \$50,000; owned by city.

AUBURN, p. 1,408; f. area, 5 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; f. wks. & combt. ord., causes of f. inv. F. dept.—12 c. hand ex., 1 h. & 1. trk.; 3 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp.; tot. mem., 18 vol.; undrs. rating, third class.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to stdp., stdp. cap. 75,000 gals., spr. cap. 135,000 gals.; 3 pump. eng., comb. cap. day 518,400 gals.; mains, 8 m.; 35 hyd.; owned by town.

AVONDALE (now a part of Birmingham). Has one hose company.

Water Supply—Furnished by Birmingham Waterworks Co.

BESSEMER, p. 10,864; f. area, 50 a.; merc. bldgs., bk. & stn., 2 & 3 stor. priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 2 hose wag., 2 hose car., 3 hrs.; hose, rub., gd., 2,750 ft.; f. al., telp. & wh.; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$600; tot. mem., 14, pd. part time 1, fully pd. 1, 12 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., pump to res., stdp. & dir.; res. cap. 5,500,000 gals., dim. 20 x 300, loc. near pump. station; 2 pump. eng.; cap. day, 3,000,000 gals.; mains, c. l., 19 1/2 m., 4 to 16 in. dia.; 70 hyd.; 300 v.; met., 850; 1,400 serv.; pipe, wrt. i.; pres., dom. 75 lbs., f. 90 lbs.; cons. day, 1,500,000 gals.; cost, \$200,000; cost mtce., \$5,000; owned by Co.

BIRMINGHAM, p. 132,685; merc. bldgs., bk. & stl., 1 to 16 stor.; priv., wd. & bk., 1 to 4 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—5 str., 1 c. eng., 2 triple comb. str., 18 comb. auto hose wag., 18 c. hand ex., 2 aer. trk., 2 hose wag., 20 hrs.; hose, cot., rub. lined, gd., 45,000 ft.; inf., 5,000 ft.; tot. hose, 50,000 ft.; f. al., Gamewell, 64 bx.; val. equip., \$250,000; exp. dept., \$111,567; tot. mem., 153, pd. full time.

Water Supply—Src., river; sys., pump. to res. & dir.; res. cap., 147,500,000 gals., loc. on mountains 3 m. city; 6 pump. eng., cap. day 37,000,000 gals.; mains, 127.18 m., 4 to 42 in. dia.; 800 hyd.; met., 12,000; 19,500 serv.; pres., dom. 75 to 100 lbs.; cons. day 16,000,000 gals.; cost, \$4,500,000; owned by Co.

BREWTON, p. 2,185; f. area, 1 sq. m.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—4 str., 1 hand eng., 1 c. eng., 1 hose car. & reel; no f. al.; val. equip., \$15,000; val. bldgs., \$50,000; tot. mem., 23 vol.; undrs. rating, third class.

Water Supply—Src., wells, 400 yds. bus. cent.; sys., pump. dir., cap. day 500,000 gals.; 1 4-in. well at plant, 630 ft. dia.; cap. day, 750,000 gals.; mains, 4 m., 4 to 8 in. dia.; 26 hyd.; 150 serv.; pres., f. 125 lbs.; cost, \$18,000; cost mtce., \$4,000.

BRIDGEPORT, Jackson county, p. 2,125; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 2 c. hand ex., 1 hose car., 1 h. & 1. trk.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; vol.

Water Supply—Src., mountain spr.; sys., grav., pump. stdp., stdp. cap., 1,000,000 gals.; 2 pump. eng., cap. day 500,000 gal.; mains, c. l., 9 m.; 29 hyd.; 50 v.; met., 25; 40 serv.; pipe, galv. l.; pres., dom. 125 lbs.

BRUNBRIDGE, p. 815; f. area, 1 sq. m.; merc. bldgs., bk.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 hose car.; hose, gd., 1,000 ft.; f. al., wh.; val. equip., \$1,000; tot. mem., 16 vol.

Water Supply—Owned by city.

CARBON HILL, p. 1,726. F. dept.—2 hand hose reels, 1,000 ft. hose; vol.; undrs. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 2 pump. eng.; cap. day, 400,000 gals.; mains, 4 m.; 32 hyd.; 10 v.; 200 serv.; pres., dom. 40 lbs., f. 90 lbs.; cost, \$25,000; cost mtce., \$250; wks. owned by city.

CLAYTON, p. 1,130; f. area, 60 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1. trk., 1 c. eng., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$1,200; tot. mem., 20, pd. part time 1, vol. 19.

Water Supply—Waterwks. owned by city; 18 hyd.

COLUMBIA, p. 1,122; f. area, 1 sq. m.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfa. not perm.; fwks. ord.; causes f. inv. F. dept.—1 hose cart, 1 hose reel; hose, gd., 2,000 ft.; tot. mem., 10 vol.; undrs. rating, fourth class.

Water Supply—Src., wells in bus. cent.; sys., pump. dir. & stdp.; stdp. cap., 37,500 gals.; 1 pump. eng., class trip.; cap., 120,000 gals. per 10 hrs.; mains, c. i., 3 miles, 2 to 6 in. dia.; 24 hyd.; 2 v.; 103 met.; 136 serv.; pipe, galv. i.; pres., dom. & f. 63 lbs.; cons. day, 15,000 gals.; cost, \$10,000; cost mtce., \$2,000; wks. owned by city; leased by The Columbia Power Co.

COLUMBIANA, p. 1,079. No org. f. dept.

Water Supply—Src., spr., wells; sys., grav.; res. cap., 17,000 gals.; mains, 1½ m.; cost, \$3,000; wks. owned by county.

CORDOVA, p. 1,747; f. area, 200 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 stor.; wd. rfa. not perm. in f. area; causes f. inv. F. dept.—2 hose wag., 2 hose car.; hose, cot. rub. lined, gd., 1,500 ft.; val. equip., \$500; val. bldgs., \$500; tot. mem., 9 vol.

Water Supply—Mains attached to Indian Harbor Mills Line; res. cap., 2,000,000 gals.; 80 lbs. pres.; 8 double hyd.

COVINGTON, p. 3,200. F. dept.—1 h. & 1 trk., 3 hose reels; hose, 1,500 ft.; f. al., telp. & bell; tot. mem., 40 vol.

Water Supply—Src., wells; stdp. cap., 135,000 gals.; res. cap., 1,350,000 gals.; 4 pump. eng., cap. day 3,600,000 gals.; mains, 6 m., 6 to 10 in. dia.; 50 hyd.; pres., dom. 60 lbs., f. 125 lbs.

CULLMAN, p. 2,130; f. area, ¾ sq. m.; merc. bldgs., bk. wd. & iron, 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm.; fwks. ord.; causes f. inv. F. dept.—1 hand eng., 74 c. hand ex., 1 h. & 1 trk.; 4 equip. h. reels; hose, cot. rub. lined, gd., 1,300 ft.; tot. hose, 2,000 ft.; 500 ft. reserve hose, standard size; f. al., wh. & bell; val. equip., \$2,500; val. bldgs., \$2,500; ann. exp. dept., \$80; tot. mem., 44 vol.; undrs. rating, third class.

Water Supply—Src., well, 4 blocks bus. cent.; sys., pump to res. & dir.; res. cap., 235,000 gals., loc. near station; 2 pump. eng., class dup.; cap., 500,000 gals. day; mains, c. i., 4½ m., 4 to 10 in. dia.; 35 hyd.; met., 200; 353 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 55,000 gals.; cost, \$35,000; wks. owned by city.

DECATUR, p. 4,238; f. area, 20 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. not perm.; fwks. ord. F. dept.—1 c. eng., 5 c. hand ex., 1 h. & 1 trk., 3 hose reels; hose, cot. rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., wh. & elec. bell; val. equip., \$2,500; val. bldgs., \$500; tot. mem., 40 vol.

Water Supply—See New Decatur.

DEMOPOLIS, p. 2,417; f. area, 75 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 2 hose car., 1 hrs.; hose, cot. rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$1,400; val. bldgs., \$600; exp. dept., \$500; tot. mem., 55 vol.

Water Supply—Src., wells, 1 in bus. cent., other 3 at station; sys., pump to stdp., cap. 400,000 gals., dim. 15 x 132; mat. used in cons., stl.; res. cap., 300,000 gals.; loc. at station; 1 pump. eng.; 1 pump, cap. 900 gals. min.; 1 pump 500 gals. min.; mains, iron, 18 m., 3 to 8 in. dia.; 40 hyd.; met., 110; 350 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 80 lbs.; cons. day, 120 gals.; cost, \$25,000; cost mtce., \$2,000; wks. owned by city.

DOTHAN, p. 7,016; f. area, 2 sq. m.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand ex., 1 hose wag., 2 hrs.; hose, 2,500 ft. cot. rub. lined, gd.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$9,000; tot. mem., 4, pd. full time.

Water Supply—Src., artesian wells in bus. cent.; sys., pump. to stdp.; cap., 150,000 gals.; dim., 16 x 100; mat., stl.; res. cap., 125,000 gals.; loc. cent. of town; 3 pump. eng., comp. dup., cap. day 1,000,000, 500,000 & 750,000 gals.; mains, c. i., 5 m., 4, 6, 8 & 12 in. dia.; 71 hyd.; met., 750; pipe, galv. i.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$20,000; cost mtce., \$3,000; wks. owned by city.

ENSLEY, p. 10,000; bldgs., wd. & bk.; wd. rfa. not perm. F. dept.—2 hose car., 4 hose carts, h.

& 1 trk.; hose, cot. rub. lined, gd., 3,000 ft.; f. al., Gamewell, 10 bx.; tot. mem., 27, pd. part time 6, 21 vol.

Water Supply—Src., supplied by Birmingham Waterwks.

ENTERPRISE, p. 2,500. F. dept.—2 hand reels, 2,000 ft. hose; f. al., bell; exp. dept., \$400; tot. mem., 11 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; 1 pump; cap. day, 225,000 gals.; mains, 4½ m.; 34 hyd.; pres., dom. 40 lbs., f. 130 lbs.; cost, \$10,000; wks. owned by city.

EUFAULA, p. 4,259; merc. bldgs., bk., 1 to 5 stor.; priv., bk. & wd., 1 & 2 stor.; fwks. & combt. ord.; wd. rfa. not perm. in f. area; causes f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 1 h. & 1 trk., 2 hose wag., 1 hose car., 8 c. hand ex., 4 hrs.; hose, cot. rub. lined, gd., 4,000 ft.; inf., 1,000 ft.; tot. hose, 5,000 ft.; f. al., telp. & bell; val. equip., \$5,000; val. bldgs., \$6,000; exp. dept., \$5,500; tot. mem., 34; pd. full time 3, part time 9, 22 vol.

Water Supply—Src., creek, 2½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 400,000 gals., dim. 30 x 75, loc. on hill west part of city; mat., stl.; 2 pump. eng., vert., cap. day 1,000,000 gals. each; mains, c. i., 12 m., 4 to 14 in. dia.; 100 hyd.; met., 200; 525 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 250,000 gals.; cost mtce., \$8,000; wks. owned by city.

EUTAW, p. 1,001. F. dept.—3 hose carts, 1,500 ft. gd. hose; f. al., bell; tot. mem., 30 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 90,000 gals., dim. 12 x 100, loc. in public sq.; res. cap., 50,000 gals., loc. ¼ m. from stdp.; 2 pump. eng.; mains, c. i., 2 m., 6 & 4 in. dia.; 30 hyd., 15 v.; 150 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 60 lbs.; cost, \$20,000; owned by Co.

EVERGREEN, p. 1,582; f. area, 20 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfa. not perm. in f. area; fwks. ord. F. dept.—1 h. & 1 trk., 1 hose cart, 2 hrs.; 1,500 ft. gd. hose; f. al., wh.; tot. mem., 25 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to res. & stdp., cap. 100,000 gals.; mat., stl.; res. cap. 50,000 gals., loc. near well; 1 pump. eng., cap. 200,000 gals. day; 1 reserve pump, cap. 150,000 gals. day; 2 dup. pumps, cap. 420,000 gals. day; mains, c. i., 16,500 ft., 6 & 8 in. dia.; 25 hyd.; 17 v.; pres., dom. 65 lbs., f. 125 lbs.; cons. day, 100,000 gals.; cost, \$18,270.79; cost mtce., \$2,850; wks. owned by city.

FAUNSDALE, p. 352. F. dept.—2 hose reels, 1,000 ft. hose; vol.

Water Supply—Wells, 1 m. from bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals.; mains, 4 to 6 in. dia.

FLORALA, p. 2,439. F. dept.—2 hose car.; hose, cot. rub. lined, gd., 1,500 ft.; f. al., wh.; val. bldgs., \$300; exp. depot, \$400; tot. mem., 12 vol.

Water Supply—Src., deep well; sys., pump to stdp.; stdp. cap., 50,000 gals.; res. cap., 100,000 gals.; 1 pump. eng.; mains, 4,400 ft., 6 to 10 in. dia.; 7 hyd.; pres., dom. 50 lbs., f. 110 lbs.

FLORENCE, p. 6,689; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 1 hose car., 3 hrs.; hose, cot. rub. lined, new 1,400 ft., gd. 1,500 ft.; tot. hose, 2,900 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$49,000; tot. mem., 20 vol.

Water Supply—Src., Cypress creek, 3 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 300,000 gals., loc. 2½ m. from city; mat., stn.; 3 pump. eng., class comp., cap. day 4,000,000 gals.; mains, c. i., 27½ m., 4 to 16 in. dia.; 114 hyd., 96 v.; met., 16; 1,000 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 70 to 90 lbs.; wks. owned by Co.

FORT PAYNE, p. 1,817; f. area, ¾ sq. m.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. ord. F. dept.—1 h. & 1 trk., 1 hose wag., 1 hose car.; hose, cot. rub. lined, gd. 100 ft.; rub., gd., 150 ft.; inf., 350 ft.; tot. hose, 600 ft.; val. dept. equip., \$600; val. bldgs., \$350; tot. mem., 18 vol.; undrs. rating, fourth class.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump to stdp., cap. 270,000 gals.; mat., iron; pump. eng., duplex, cap. day 750,000 gals.; mains, iron, 10 m., 4 to 10 in. dia.; 52 hyd.; 42 v.; 41 met.; 318

serv.; pipe, galv. i.; pres., dom. 90 lbs.; cons. day, 100,000 gals.; cost, \$70,000; wks. owned by Co.

FRUITHURST, p. 257; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes f. inv. F. dept.—3 hand ex., 1 h. & 1 trk.

Water Supply—Src., wells.

GADSDEN, p. 10,577; f. area, 25 a.; merc. bldgs., bk., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes f. inv. F. dept.—1 stm. eng., 8 hand c. ex., 2 hose wag., 2 hose reels, 5 hrs.; hose, new, 1,600 ft.; medium, 1,000 ft.; tot. hose, 2,600 ft.; f. al., bell & wh., 3 bx.; val. equip., \$6,000; exp. dept., \$2,000; tot. mem. 41, pd. full time 2, pd. part time 39.

Water Supply—Src., Coosa river, $\frac{3}{4}$ m. bus. cent.; sys., pump to res. & dir.; mat., excavated & lined with concrete; res. cap., 2,350,000 gals.; pump. eng., 4 comp. & centrif., cap. day 12,000,000 gals.; mains, c. l., 25 m., 4 to 14 in. dia.; 161 hyd.; 100 v.; pipe, wrt. i.; pres., dom. 55 lbs.; cost, \$215,000; wks. owned by city.

GENEVA, p. 969; f. area, 25 to 30 a.; bldgs., priv., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car., 1 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,800; val. bldgs., \$700; tot. mem., 23 vol.; undrs. rating, third class.

Water Supply—Src., artesian well, 1-16 m. bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; dup. comp., cap. day, 500,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 24 hyd.; 14 v.; met., 5; pipe, c. l.; pres., dom. 45 lbs.; f. 100 lbs.; cons. day, 30,000 gals.; cost, \$17,000; wks. owned by city.

GREENSBORO, p. 2,048; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—4 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, rub., gd., 800 ft.; tot. mem., 44 vol.; undrs. rating, third class.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 42,500 gals.; dim. 20 x 18, loc. on wd. tower 76 ft. from ground; new tank, cap. 80,000 gals.; res. cap., 48,000 gals.; 2 pump. eng., cap. day 420,000 gals.; 20 hyd.; met., 65; pres., dom. 55 to 65 lbs.; f. 100 lbs.; cons. day, 40,000 gals.; wks. owned by Co.

GREENVILLE, p. 3,377; f. area, 40 a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk., stn. & wd., 2 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 comb. c. & h. wag., c. hand ex., 1 h. & 1 trk., 3 hose wag., hose reels; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 200 ft.; inf., 400 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$70; tot. mem., 70 vol.; undrs. rating, third class.

Water Supply—Src., creek & well, $\frac{1}{4}$ m. east of town; sys., pump to stdp. & dir.; stdp. cap., 75,000 gals.; mat., wd.; 2 pump. eng., class dup., cap. day 750,000 gals.; mains, mat. cement, $5\frac{1}{4}$ m., 4 to 8 in. dia.; 48 hyd., 88 v.; met., 12; 150 serv.; pres., dom. 100 lbs.; f. 130 lbs.; cost, \$30,000; wks. owned by Co.

GUNTERVILLE, p. 1,145; f. area, 10 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; cause of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to res.; res. cap., 250,000 gals.; 2 pump. eng., cap. day 125,000 gals.; mains, c. l., 3 m., 6 to 8 in. dia.; 14 hyd.; pres., f. 85 lbs.; cons. day, 50,000 gals.; cost, \$150,000; cost mtce., \$2,200; wks. owned by city.

HARTFORD, p. 1,159. F. dept.—Ann. exp. dept., \$14.

Water Supply—Src., wells; pump to stdp.; 18 hyd.

HOLLYVILLE, p. 1,500; f. area, 25 a.; no org. f. dept.

Water Supply—Src., well; 1 m. bus. cent.; sys., air comp.; 1 pump. eng.; cap. day, 84,000 gals.; mains, 3,000 ft.; 11 hyd.; pres., dom. 50 lbs.; cost, \$15,000 cost mtce., \$175; wks. owned by city.

HUNTSVILLE, p. 7,611; f. area, 1,000 a.; merc. bldgs., bk. & stn., 1, 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—2 stm. eng., 4 c. hand ex., 1 h. & 1 trk., 1 comb. c. & hose wag., 8 hose car., 7 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,500 ft.; tot.

hose, 4,500 ft.; f. al., bell; val. equip., \$15,000; val. bldgs., \$4,000; tot. mem. 16, pd. full time 3, pd. part time 8.

Water Supply—Src., spr.; sys., pump dir.; stdp. cap., 600,000 gals.; 2 pump. eng., cap. day 24,000,000 gals.; mains, 15 m., 4 to 22 in. dia.; 96 hyd.; met., 67; 1,470 serv.; pres., dom. 60 to 100 lbs.; f. 100 to 120 lbs.; cons. day, 2,500,000 gals.; cost, \$100,000; cost mtce., \$9,307; wks. owned by city.

JACKSONVILLE, p. 2,231; f. area, 30 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell; val. equip., \$850; val. bldgs., \$400; exp. dept., \$80; tot. mem., 25 vol.; undrs. rating, second class.

Water Supply—Src., spr., $2\frac{1}{4}$ m. bus. cent.; sys., grav. to res.; res. cap., 72,000 gals.; altitude, 100 ft. above the city; mains, 5 m.; 12 hyd.; cons. day, 30,000 gals.; cost, \$24,000; wks. owned by Co.

JASPER, p. 2,509. F. dept.—2 hose car.; f. al., wh., 1,000 ft. gd. hose.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., grav.; stdp. cap., 30,000 gals.; res. cap., 200,000 gals.; 2 pump. eng.; mains, c. l., 4 to 8 in. dia.; 23 hyd.; met., 100; 223 serv.; pipe, galv. i.; pres., dom. 40 lbs.; f. 100 lbs.

LAFAYETTE, p. 1,632; f. area, 1 sq. m.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand hose reels, hose, cot., rub. lined gd., 1,500 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$75; tot. mem., 15 vol.; undrs. rating, fourth class.

Water Supply—Src., deep wells, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; res. cap., 100,000 gals.; 2 pump. eng., cap. day, 200,000 gals.; mains, iron, 4 m., 6 to 10 in. dia.; 38 hyd.; 15 v.; 75 met.; pipe, galv. i.; pres., dom. 45 lbs.; f. 125 lbs.; cons. day, 50,000 gals.; cost, \$30,000; wks. owned by city.

LIVINGSTON, p. 877. F. dept.—h. & 1 trk.; val. equip., \$600.

Water Supply—Src., wells.

LUVERNE, p. 2,000; f. area, 2 m. F. dept.—2 hose reels, hand ex.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,500; tot. mem., 16 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; 2 pump. eng., cap. day, 1,080,000 gals.; mains, 2 m.; 25 hyd.; 150 serv.; pres., dom. 40 lbs.; f. 120 lbs.; cost, \$20,000; cost mtce., \$1,000; wks. owned by city.

MARION, p. 1,834. F. dept.—1 c. eng., 2 c. ex., 1 h. & 1 trk., 3 hose car., &c.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$3,000; tot. mem., 36 vol.; undrs. rating, third class.

Water Supply—Src., well, $2\frac{1}{4}$ m. bus. cent.; sys., first from res. through mains to stdp., cap. 54,000 gals., dim. 16 x 24 ft.; mat., wd. & i.; res. cap., 125,000 gals.; loc. $\frac{1}{4}$ m. stdp.; 1 centrif. pump, cap. 400 gals. min.; mains, iron, $2\frac{1}{4}$ m.; 50 hyd.; met., 136; 153 serv.; pipe, galv. i.; pres., dom. 80 lbs.; cons. year, 30,000,000 gals.; cost, \$30,000; cost mtce., \$3,500; wks. owned by city.

MOBILE, p. 51,521; f. area, 12 sq. m.; merc. bldgs., bk., 2, 3, 4, 5, 6, 8 & 10 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—3 str., 3 comb. h. & 1 wag., 10 c. hand ex., 1 h. & 1 trk., 1 aer. trk., 7 hose wag., 29 hrs.; hose, cot., rub. lined, gd., 16,000 ft.; f. al., Gamewell, 69 bx.; exp. dept., \$56,000; tot. mem., 62, pd. full time; undrs. rating, first class.

Water Supply—Src., creek, 9 & 11 m. bus. cent.; sys., grav., pump to res.; mat., bk.; res. cap., 20,000,000 gals., loc. on Spring Hill, 7 m. city; 5 pump. eng., cap. day 27,500,000 gals.; mains, c. l., 119 m., 4 to 24 in. dia.; 74 hyd.; 902 v.; 12,351 serv.; met., 1,847; pres., dom. 80 lbs.; f. 80 lbs.; cons. day, 11,676,000 gals.; cost, \$1,556,000; wks. owned by city.

MONROEVILLE, p. 616. No f. dept.

Water Supply—One 15,000-gal. tank, supplied by stm. pump.

MONTGOMERY, p. 38,136; f. area, 4,320 a.; merc. bldgs., bk., 1 to 12 stor.; priv., bk. & wd., 1

to 8 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—4 str., 1 h. & l. trk., 3 hose wag., 2 auto. comb. h. & c. wag., 1 comb. h. & c. wag., 1 chief's auto., 1 ass't chief's buggy, 19 hrs.; in reserve—2 str., 1 hose wag., 1 aer. trk., 1 h. & l. trk., 1 c. eng., 1 chief's wag., 1 exercise wag., 1 hrs.; hose, cot., rub. lined, gd., 12,150 ft.; f. al., Gamewell, 67 bx.; exp. dept., \$59,457; tot. mem., 54, pd. full time.

Water Supply—Src., wells, 1 m. bus. cent.; sys. pump to stdp.; stdp. cap., 1,221,800 gals.; dim., 125 x 80, 105 x 26, loc. in city; mat., iron; res. cap., 2,200,000 gals., loc. at station; 3 pump. eng., cap. day, 16,000,000 gals.; mains, c. i., 100 m., 4 to 24 in. dia.; 670 hyd.; v., 1,235; met., 5,145; 8,065 serv.; pipe, c. i., wrt. i. & lead; pres. dom. 80 lbs., f. 100 lbs.; cost, \$850,000; cost mtce., \$51,978; wks. owned by city.

NEW DECATUR & DECATUR, p. 15,000; f. area, 20 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—2 hose car., 2-hrs. comb. trks.; hose, cot., rub. lined, gd., 2,250 ft.; f. al., bell & wh.; val. equip., \$8,500; val. bldgs., \$200; exp. dept., \$1,200; tot. mem., 2 fully pd. men, 19 call men; undrs. rating, second class.

Water Supply—Src., river; sys. pump to stdp. & dir.; stdp., 22½ x 130, cap. 287,000 gals.; 4 pump. eng., cap. day 5,000,000 gals.; mains, c. i., 30 m., 4 to 24 in. dia.; 221 hyd.; few met.; 1,800 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 lbs.; wks. owned by Co.

ONEONTA, p. 609. F. dept.—2 carts; hose, 800 ft.; 25 vol.

Water Supply—Src., spr.; res. cap., 90,000 gals.; mains, 400 ft., 4 in. dia.; 3 hyd.

OPELIKA, p. 4,734; f. area, 1 m.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex.; hose, cot., rub. lined, gd., 2,800 ft.; f. al., wh.; val. equip., \$5,000; val. bldgs., \$8,000; exp. dept., \$2,500; tot. mem., 13; pd. full time 3, pd. part time 10.

Water Supply—Src., creeks, 2 m. bus. cent.; pump. to settling basin, 8,000,000 gals. cap.; sys. pump to stdp.; stdp. cap., 200,000 gals.; dim., 19 x 100; mat., wrt. i.; res. cap., 2,000,000 gals., loc. 2 m. from town; 5 pump. eng., cap. day 3,150,000 gals.; mains, mat. cem., 15 m., 4 to 12 in. dia.; 80 hyd.; 60 v.; met., 225; 378 serv.; pres., dom. 60 lbs., f. 75 to 100 lbs.; wks. owned by city.

OXANNA.—F. protection same as Anniston.

OXFORD, p. 1,090; f. area, 5 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose wag., 1 hrs.; hose, rub., gd., 2,000 ft.; inf., 800 ft.; tot. hose, 2,800 ft.; val. equip., \$2,500; val. station, \$500; tot. mem., 40 vol.

Water Supply—Src., Anniston waterworks; 6-in. mains; 20 hyd.; met., 2; 130 serv.; pipe, iron; consa. day, 30,000 gals.; cost, \$10,000; cost mtce., \$600; wks. owned by city.

OZARK, p. 2,229; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,300 ft.; rub., gd.; 700 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$1,000; tot. mem., 20; pd. full time 10, pd. part time 10; undrs. rating, third class.

Water Supply—Src., well, ¼ m. bus. cent.; cap. of well, 220,320 gals. day; sys., air lift; stdp. cap., 67,000 gals., dim. 12 x 80; mat., iron; res. cap., 144,000 gals., loc. at well & station; 1 pump. eng.; class dup., cap. min. 500 gals.; mains, c. i., 2 m., 6 in. dia.; wrt. i., 7 m., 2½ to 4 in. dia.; 84 hyd.; 170 v.; met., 250; 300 serv.; pres., dom. 40 lbs., f. 70 lbs.; consa. day, 300,000 gals.; cost, \$10,000; wks. owned by city.

PHENIX, p. 4,555; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., principally 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose reel; hose, 2,000 ft. cot., rub. lined, gd.; f. al., ring by hand; val. equip., \$2,500; tot. mem., 26 vol.

Water Supply—Src., creek, ¼ m. bus. cent.; sys. pump to res.; res. dim., 12 ft. deep and 64 in. dia.; mat., hard bk.; res. loc. on high hill north of

city; pump. eng., elec. power; mains, c. i., 6 to 8 m.; 47 hyd.; 550 serv.; pipe, galv. i.; pres., f. 60 to 92 lbs.; cost, \$30,000; cost mtce., \$1,500; wks. owned by city.

PIEDMONT, p. 2,226; f. area, 200 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; inf., 200 ft.; total hose, 1,200 ft.; val. equip., \$1,000; val. bldgs., \$1,000; tot. mem., 10 vol.

Water Supply—Src., spr.; sys. pump to res., cap. 250,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, 4 m.; 21 hyd.; 200 serv.; pres., f. 80 lbs.; consa. day, 35,000 gals.; cost, \$35,000; cost mtce., \$350; wks. owned by city.

PRATT CITY, p. 3,485; f. area, 40 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor. F. dept.—3 hose car.; hose, cot., rub. lined, gd., 2,250 ft.; f. al., bell & wh.; val. equip., \$2,000; tot. mem., 75 vol.; undrs. rating, third class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys. pump to stdp. & dir.; stdp. cap., 84,700 gals., dim. 12 x 100, loc. at station; mat., stl.; res. cap., 100,000 gals., loc. near wells; 2 pump. eng., dup.; cap. day, 1,000,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 42 hyd.; pres., dom. 50 lbs., f. 125 lbs.; cost, \$25,000; wks. owned by city.

PRATTVILLE, p. 2,222; f. area, 25 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. eng., 4 c. h. ex., 1 h. & l. trk., 1 hose wag., 3 hose car., reels, &c.; hose, cot., rub. lined, gd., 900 ft.; inf., 800 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 75 vol.

Water Supply—Src., artesian wells; in bus. cent.; sys. pump to stdp.; stdp. cap., 300,000 gals., res. cap., 300,000 gals.; 3 pump. eng., class trip; cap. day, 300,000 gals.; mains, c. i., 5½ m., 4 to 10 in. dia.; 45 hyd.; 70 met., 210 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 78 lbs.; consa. day, 100,000 gals.; cost, \$48,000; cost mtce., \$2,500; wks. owned by city.

ROANOKE, p. 2,034; f. area, 10 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose car., reels, &c.; hose, cot., rub. lined, 1,800 ft.; f. al., bell; tot. mem., 11 vol.; undrs. rating, third class.

Water Supply—Src., creek, 1 m. bus. cent.; sys. pump to stdp., cap. 52,000 gals.; mat., iron; res. cap., 124,000 gals., loc. highest point in town; 2 pump. eng., class comp. dup., cap. day 750,000 gals.; mains, c. i., 4 m., 8 to 4 in. dia.; 31 hyd.; pres., dom. 80 lbs., f. 90 lbs.; consa. day, 25,000 gals.; cost, \$25,000; wks. owned by city.

SAMSON, p. 3,000; f. area, 40 a. F. dept.—2 hand hose reels, 1,000 ft. hose; val. equip., \$1,000; val. bldgs., \$125; exp. dept., \$150; tot. mem., 25, pd. \$5 year; undrs. rating, third class.

Water Supply—Src., well, 1 m. bus. cent.; sys., gr.; 1 pump. eng., cap. day 1,080,000 gals.; 11 hyd.; 115 serv.; pres., dom. 45 lbs., f. 135 lbs.; cost, \$25,000; cost mtce., \$2,000; wks. owned by city.

SCOTTSBORO, p. 1,019; vol. only.

SELMA, p. 13,649; f. area, 200 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 1 c. eng., 10 c. hand ex., 1 h. & l. trk., 3 hose car., 8 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; rub., gd., 4,000 ft.; inf., 500 ft.; tot. hose, 9,000 ft.; f. al., Gamewell, 31 bx.; val. equip., \$17,000; val. bldgs., \$12,500; tot. mem., 20, pd. full time; undrs. rating, second class.

Water Supply—Src., 11 artesian wells, 5 blocks bus. cent.; sys. pump to stdp. & dir., cap. 185,000 gals., dim. 15 x 140; mat., stl.; res. loc. at station near bus. cent.; pump. eng., 2 comp., cap. day 6,500,000 gals.; mains, c. i., 21 m., 4 to 14 in. dia.; 155 public & 24 priv. hyd.; 70 v.; met., 1,056; 1,350 serv.; pipe, galv.; pres., dom. 60 lbs., f. 150 lbs.; consa. day, 700,000 gals.; cost, \$225,000; operating exp. & mtce., \$12,000; wks. owned by city.

SHEFFIELD, Colbert county, p. 4,865; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., bk., sta. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 1 hose wag., 1 hose reel, 1 hrs.; hose, cot., rub. lined, gd., 2,400 ft.;

f. al., Gamewell elec. bell, 10 bx.; val. equip., \$4,500; val. bldgs., \$3,000; exp. dept., \$1,600; tot. mem. 22; pd. full time 2, part time 10, vol. 10.

Water Supply—Src., Tennessee River, $\frac{1}{4}$ m. bus. cent.; sys., pump. to stdp.; stdp. cap., 400,000 gals.; mat., stl.; 2 pump. eng.; class, trip. comp.; cap. day, 6,000,000 gals.; pres., dom. 50 lbs., f. 90 lbs.; wks. owned by priv. Co.

SHELBY, p. 1,000. F. dept. not reported.

Water Supply—Src., spr.; sys., pump dir.; res. cap., 1,000,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals. each; mains, $4\frac{1}{2}$ m.; 10 hyd.; pres., dom. 70 lbs., f. 150 lbs.; cost, \$40,000; wks. owned by Shelby Iron Co.

SLOCUMB, p. 1,000; f. area, 24 blocks. F. dept.—2 hose reels, 1,500 ft. hose; f. al., bell; val. equip., \$15,000; val. bldgs., \$50; tot. mem., 12; vol.

Water Supply—Src., strum.; sys., pump to stdp.; 1 pump; cap. day, 700,000 gals.; mains, 4,500 ft.; 12 hyd.; pres., dom. 50 lbs., f. 100 lbs.; cost, \$160,000; cost mtce., \$2,000; wks. owned by city.

SPRING GARDEN, p. 100. No F. dept.; undra. rating, fourth class.

Water Supply—Src., spr.; sys., pump to res.; res. cap., 85,000 gals.; pres., dom. 55 lbs., f. 55 lbs.; cons. day, 5,000 gals.; cost mtce., \$150; wks. owned by Co.

STEVENSON, p. 1,000; f. area, 10 a. F. dept.—2 hose reels, 1,000 ft. hose; val. equip., \$1,065; val. bldgs., \$75; tot. mem., 10 vol.; undra. rating, third class.

Water Supply—Src., spring, 1 m. bus. cent.; sys., grav.; 1 pump. eng.; cap. day, 100,000 gals.; mains, $1\frac{1}{2}$ m.; 5 hyd.; 12 v.; 100 serv.; pres., dom. 75 lbs., f. 85 lbs.; cost, \$14,000, cost mtce., \$150; wks. owned by town.

SYLACAUGA, p. 1,456; f. area, 40 a. F. dept.—hose, 1 h. & l. hose wag. & 2 reels; val. equip., \$2,000; val. bldgs., \$150; tot. mem. 42, 35 active mem.

Water Supply—Src., spr.; sys., grav.; stdp. cap., 80,000 gals., dim. 115 x 20; 2 pumps, cap. day 500,000 gals.; 20 hyd.; mains, 12,500 ft., 4 to 8 in. dia.; cost, \$20,000.

TALLADEGA, p. 5,854; f. area, 2 sq. m.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 h. & l. trk., 1 aer. trk., 2 hose wags., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; rub., gd., 2,000 ft.; inf., 500 ft.; tot. hose, 4,800 ft.; f. al., wh., 5 bx.; val. equip., \$2,000; val. station, \$4,000; exp. dept., \$2,000; tot. mem., 125, pd. full time 5, vol. 120.

Water Supply—Src., 2 deep wells near bus. cent.; sys., pump to stdp.; stdp. cap., 138,175 gals.; res. cap., 50,000 gals.; 2 pump. eng., class comp. dup., cap. day 1,600,000 gals.; mains, c. l., 8 m., 4 to 12 in. dia.; 48 hyd.; met., 550; 600 serv.; pipe, wrt. l.; pres., dom. 70 lbs., f. 60 to 80 lbs.; cons. day, 500,000 gals.

TROY, p. 4,961; f. area, 50 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 stm. eng., 1 c. eng. on wheels, 2 c. hand ex., 3 hose car.; 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh.; val. equip., \$6,000; val. bldgs., \$3,000; exp. dept., \$1,800; tot. mem., 53, pd. full time 3, vol. 50.

Water Supply—Src., spr., $3\frac{1}{2}$ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 259,182 gals., dim. 20 x 110, loc. near public sq.; mat., iron; res. cap., 259,182 gals., loc. $3\frac{1}{2}$ m. city; pump. eng., class comp. non-cond., cap. day 500,000 gals.; mains, 9 m., 4 to 10 in. dia.; 46 hyd.; met., 340; 350 serv.; pipe, iron; pres., dom. 47 lbs., f. 100 lbs.; cost, \$55,000; cost mtce., \$1,600; wks. owned by city.

TUSCALOOSA, p. 8,407; merc. bldgs., bk., 1 to 7 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. ord. F. dept.—1 comb. hose wag. & c. tank, 2 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., telp. & wh.; val. equip., \$8,500; val. bldgs., \$1,000; exp. dept., \$2,000; tot. mem., 7 pd. full time.

Water Supply—Src., riv., $3\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 132,000 gals., dim. 25 x 36, loc. near station; mat., iron; res. cap., 278,000 gals.; loc. in suburb; 2 pump. eng., class dup., dir. acting, cap. day 3,600,000 gals.; mains,

c. l., $8\frac{1}{2}$ m., 4 to 10 in. dia.; 135 hyd.; 41 v.; met., 53; 1,200 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 90 lbs.; cons. day, 900,000 gals.; cost mtce., \$8,300; wks. owned by city, operated by a comr.

TUSCUMBIA, p. 3,324; f. area, 20 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 hose wag.; 2 hose carts, 1 hrs.; hose, cot., rub. lined, gd., 1,250 ft.; inf., 600 ft.; tot. hose, 1,850 ft.; f. al., bell; val. equip., \$2,000; tot. mem., 12.

Water Supply—Src., river; sys., grav. & dir.; 2 pumps; cap. day, 4,000,000 gals.; mains, $1\frac{1}{2}$ m., 8 in. dia.; 17 hyd.; pres., 70 lbs.

TUSKEGEE, p. 2,303. F. dept.—1 h. & l. trk., 2 hose reels; hose, rub., gd., 900 ft.; tot. mem., 40 vol.; undra. rating, fourth class.

Water Supply—Src., spr. & wells, situated $\frac{1}{4}$ m. bus. cent.; sys., pump.; stdp. cap., 85,000 gals., dim. 12 x 100; mat., iron; res. cap., 600,000 gals.; 2 pump. eng., cap. day 400,000 gals.; mains, c. l., 3 m., 4 to 8 in. dia.; 80 hyd.; pipe, galv. l.; pres., dom. 45 lbs.; cons. day, 100,000 gals.; cost, \$50,000; wks. owned by city.

UNION SPRINGS, p. 4,055; f. area, 960 a.; merc. bldgs., bk. & wd., 1 & 3 stor.; priv., bk., cem. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 6 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell, telp. & wh.; val. equip., \$9,000; val. bldgs., \$5,000; exp. dept., \$2,000; tot. mem., 18; pd. full time 3, pd. part time 15.

Water Supply—Src., artesian well, $\frac{1}{4}$ m. bus. cent.; sys., air lift to res. & pump dir. to mains; res. cap., 216,000 gals.; mat., bk. & cem.; res. loc. at power house; pump. eng. 2, cap. day 1,000,000 gals.; mains, c. l., $1\frac{1}{2}$ m. 6 in. dia., 5 m. 4 in. dia.; 45 hyd.; 48 v.; met., 180; 300 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 100,000 gals.; cost, \$30,000; cost mtce., \$4,000; wks. owned by city.

UNIONTOWN, p. 1,886; merc. bldgs., bk. & iron, 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 400 ft.; rub., gd., 600 ft.; inf., 250 ft.; tot. hose, 1,250 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$8,500; tot. mem., 19 vol.

Water Supply—Src., well, cent. bus. district; sys., compressed air to res., pump to stdp.; stdp. cap., 86,000 gals., dim. 12 x 90 ft.; mat., sheet i.; res. cap., 86,000 gals., loc. at power plant; 2 air compressors, cap. day 150,000 gals.; 2 pump. eng.; mains, 3, 6, 4 & 8 in. dia.; 31 hyd.; 23 v.; met., 25; 211 serv.; pres., dom. 35 lbs., f. 100 lbs.; cost, \$28,000; wks. owned by city.

WEST BLOCTON, p. 892; f. area, 20 a.; bldgs., bk. & wd. F. dept.—2 hose carts, 1,200 ft. hose; 2 large water tk.; f. al., bell; tot. mem., 12 vol.

Water Supply—Src., spr.; sys., pump dir. & grav.; res. cap., 80,000 gals.; 2 elevated tanks, cap. 80,000 gals.; mains, 2,100 ft., 4 in. dia.; 14 hyd.

WETUMPKA, p. 1,103. F. dept.—1 hose wag., 2 hose reels, ladders, buckets, axes; hose, 1,200 ft.; f. al., bell; tot. mem., 10 vol.

Water Supply—Src., wells; sys., pump to stdp., stdp. cap., 20,000 gals.; res. cap., 180,000 gals.; 3 pump. eng., class trip., cap. day 1,125,000 gals.; mains, $1\frac{1}{2}$ m., 6 to 8 in. dia.; 14 hyd.; pres., dom. 90 lbs., f. 100 lbs.

WOODLAWN, p. 8,000; f. area, 2 sq. m.; merc. bldgs., wd., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 hose car., 2 Babcocks & ladders, 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$300; tot. mem., 19 vol.; undra. rating, third class.

Water Supply—Src., supplied by Birmingham Water Co., 2 m. from city; 5 ft. hyd.

Places of 1,000 or more population having no organized fire dept.—Ashland, Bay Minette, Camden, Dadeville, Fort Deposit, Gladwater, Gurley, Heflin, Jackson, Lanette, Russellville, Shelby, Sulligent, York.

Places of 1,000 or more population not reported—Albertville, Boaz, Brantley, Calera, Camp Hill, Citronelle, Clanton, Elba, Gainesville, Georgiana, Girard, Hartwell, Hayneville, Lineville, Monteville, Opp, Pell City, Tallapoosa, Thomasville.

ALASKA

FAIRBANKS, p. 3,541; F. dept.—1 hose wag., 1 c. eng., 4 hrs.; hose, 5,400 ft. 2½ in., C. R. L.; f. al., stm. wh., telp. & elec.; tot. mem. 8, pd. full time.

Water Supply—3 pumps, cap. day 4,312,000 gals.; mains, 2,350 ft.; 11 hyd.

JUNEAU, p. 1,644; f. area, 16 a.; merc. bldgs., wd., 1 & 3 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 6 c. hand ex., 70 gal. c. eng., cost \$1,000, 6 3-gal. ex., ladders & buckets, 4 hose wag.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell.; val. equip., \$4,400; val. bldgs., \$5,000; exp. dept., \$2,200; tot. mem. 34, 1 pd. full time, 33 pd. part time.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; res. cap., 300,000 gals., loc. north end of town; mains, mat., wd., stl. & iron, 62½ m., 2 to 12 in. dia.; 28 hyd.; 20 v.; 250 serv.; pipe, galv. l.; pres., dom. 80 to 85 lbs., f. 85 lbs.; wks. owned by Co.

NOME, p. 2,600; f. area, 476 a.; merc. bldgs., wd., 1 to 3 stor.; priv. wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 str., 2 c. eng., 60 c. hand ex., 1 h. & l. trk., 3 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,500 ft.; tot. hose, 4,500 ft.; f. al., elec. 10 bx.; val. equip., \$28,000; val. bldgs., \$5,000; exp. dept., \$13,058; tot. mem., 25; pd. full time 5, pd. part time 5, 15 vol.

Water Supply—Src., spr.; sys., grav., pump dir.; res. cap., 100,000 gals.; pres. dom. 85 lbs., f. 45 lbs.; cons., day, 400,000 gals.; cost, \$40,000; cost mtce., \$2,000; wks. owned by Co.

SITKA, p. 1,200; f. area, 100 a.; merc. bldgs., wd., 1 & 3 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f.

inv. F. dept.—1 h. & l. trk., 1 hose cart, 1 bucket trk.; hose, rub., gd., 700 ft.; inf., 200 ft.; tot. hose, 900 ft.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$700; 65 vol.

Water Supply—Src., mountain strm., 1 m. bus. cent.; sys., grav.; stdp. cap., 30,000 gals.; mat., wd.; res. cap., 20,000 gals.; mains, wd., 5 m., 3 to 6 in. dia.; 6 hyd.; 12 v.; 100 serv.; pipe, galv. i.; pres., dom. & f., 75 lbs.; cons. day, 40,000 gals.; cost, \$15,000; cost mtce., \$300; wks. owned by Co.

SKAGWAY, p. 872; f. area, 640 a.; merc. bldgs., wd., 1 to 4 stor.; priv. wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. truck, 6 hand c. ex., 1 aer. trk., 1 hose wag., 2 hose carts, 1 sled reel; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.; val. equip., \$5,000; val. station, \$6,000; tot. mem., 60 vol.

Water Supply—Src., lake, 500 ft. above town; sys., grav.; tk. cap., 50,000 gals.; mains, stave pipe, 2 m., 4 to 10 in. dia.; 26 hyd.; pres., 65 lbs.; wks. owned by town.

ST. MICHAEL CITY, p. 1,500; 200 men in summer, 40 men in winter; 1 single 60-gal. c. eng. with 100 ft. hose, 1 single 40-gal. c. eng. with 100 ft. hose, 4 hose car., 1,500 ft. hose, 33 c. ex., 6 movable ladders, buckets.

Water Supply—1 pump, cap. 1,152,000 gals. day; 100 lbs. pres. from 3 stm.-driven pumps; 4, 3 & 2½ in. mains; 23 hyd.

WRANGEL, p. 743. F. dept.—2 hose carts, 10 hand c. ex., 3 deluge sets, extension ladders, hooks, axes, rope, 1,500 ft. gd. hose; tot. mem., 43; pd. part time, 8; 35 vol.

Water Supply—Src., creek, 2 m. bus. cent.; sys., grav.; mains, 2½ m., 6 to 10 in. dia.; 12 hyd.; 9 gate v.; pres., dom. 110 lbs., f. 110 lbs.; cost, \$8,000.

ARIZONA

BISBEE, p. 9,019; f. area, 1 sq. m. merc. bldgs., bk. & wd., 1 & 2 stor.; priv. bk. wd. & adobe, 12 ft. high; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose wag., 20 c. hand ex., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; fair, 3,000 ft.; tot. hose, 10,000 ft.; f. al., wh.; ex. dept., \$1,000; tot. mem., 50, 3 fully pd. men, 2 partly pd. men, 45 vol.

Water Supply—Src., wells, 9 m. bus. cent., 1 m. from Naco; sys., pumps; 640 lbs. pres. at pump house; res. cap., 1,500,000 gals.; water pumped to tk. loc. on side of mountains; 8 distributing points; tot. cap., 800,000 gals.; smallest single storage, 50,000 gals.; met., 1,585; 1,772 serv.; wks. owned by Co.

CLIFTON, p. 4,874; F. dept.—2 hose wag.; 4,700 ft. hose; 50 vol.

Water Supply—Wells.

DOUGLAS, p. 6,437. F. dept.—1 str., 1 comb. trk., 1 hose wag., 2,159 ft. hose; tot. mem., 55, pd. full time 16, 40 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; stdp. cap. 183,600 gals.; 2 elec. pump. eng., combined cap. day 8,400 gals.; mains, 2 to 8 in. dia.; 42 hyd.; pres., dom. 40 lbs., f. 90 lbs.

FLAGSTAFF, p. 1,633; f. area, 1½ sq. m.; merc. bldgs., bk., 1 & 2 stor.; priv. bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 12 c. hand ex., 6 hose wag.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., elec. bell. & wh.; val. equip., \$5,000; exp. dept., \$300; tot. mem., 25 vol.

Water Supply—Src., spr., 17 m. bus. cent.; sys., grav., pump to res.; res. cap., 2,800,000 gals., loc. 3½ m. north of town; mains, c. i., 2 to 8 in. dia.; 42 hyd.; 29 v.; met., 400; 400 serv.; pipe, lead connection and galv. l.; pres., dom. 105 lbs., f. 105 lbs.; cons. day, 125,000 gals.; cost, \$105,500; cost mtce., \$2,000; wks. owned by town.

FLORENCE, p. 807; merc. bldgs., adobe & bk., 1 stor.; priv., adobe & bk., 1 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv.; no org. f. dept.; 12 c. hand ex.

Water Supply—Src., riv., 10 m. bus. cent.; sys., grav.; res. cap., 8,000,000 gals.; cost, \$125,000.

FORT APACHE, p. 500; f. area, 15 a.; merc. bldgs., wd. & adobe, 1 & 2 stor.; priv., stn. & wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trks., 9 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,500 ft.; rub., gd., 1,000 ft.; tot. hose, 4,500 ft.; f. al., wh.; val. equip., \$1,500; val. bldg., \$50; tot. mem., 300 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to res.; res. cap., 80,000 gals., loc. on elevation ¼ m. from city; 2 pump. eng.; mains, 8,300 ft., 4 to 6 in. dia.; 18 hyd.; 8 v.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$8,000; cost mtce., \$1,200; wks. owned by U. S. Government.

GLOBE, p. 7,083; f. area, 10 a.; merc. bldgs., stn., bk., conc. & cem., 2 to 6 stor.; priv. bk. & wd., 1 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand c. ex., 1 comb. c. & h. wag., 2 hrs., 8 hose carts; hose, cot., rub. lined, gd., 7,000 ft.; f. al., Game-well, 21 bx.; val. equip., \$18,700; val. bldgs., \$5,000; exp. dept., \$5,676; tot. mem., 29, 3 pd. full time, 3 pd. part time, 23 vol.; undra. rating, fourth class.

Water Supply—Src., 2 wells; 1 m. bus. cent.; sys., pump to res.; res. cap., 570,000 gallons; 3 pump. eng., cap. day, 450,000 gals.; mains, iron 33 m., 2 to 6 in. dia.; 45 hyd.; met., 1,100; serv., 1,800; pres., dom. & f., 12 to 130 lbs.; cons. day, 375,000 gals.; cost, \$200,000; cost mtce., \$20,000; wks. owned by city.

JEROME, p. 2,393; f. area, 160 a.; merc. bldgs., bk. & conc., 1 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.;

causes of f. inv. F. dept.—1 c. eng. on wheels, 3 c. hand ex., 3 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell; val. equip., \$2,500; exp. dept., \$500; tot. mem., 75 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; res. cap., 800,000 gals., loc. north end of town; mains, wd., stl. & l., 6½ m., 2 to 12 in. dia.; 28 hyd.; 20 v.

KINGMAN, p. 1,000. F. dept.—1 hose cart, 1,000 ft. hose; f. al., bell; 20 vol.

Water Supply—Wells.

MORENCI, p. 6,000. F. dept.—2 hose carts, 75 c. hand ex.; 3,000 ft. hose; f. al., wh.; 50 vol.

Water Supply—Wells.

NOGALES, p. 3,514; f. area, 5 a.; merc. bldgs., stn., bk., iron & adobe, 1 to 3 stor.; priv., stn., bk. & adobe, 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., double cylinder, 30 gals. each, 8 hand ex., 2 h. & l. trks., 3 hose car., reela, &c.; hose, jacket, rub. lined; tot. hose, 1,600 ft.; val. bldg. & tower, \$1,500; val. equip., \$41,600; f. al., bell, stn. siren & telp.; tot. mem., 50 vol.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., grav. & pump to res.; res. cap., 1,450,000 gals., loc. ¾ m. from town; 4 pump. eng., size 2½ x 6 in., cap. day, 600,000 gals.; mains, iron, 7 to 8 m., 2 to 8 in. dia.; 40 hyd.; met.; 600 serv.; pres., dom. 65 lbs.; f. 100 lbs.; cons. day, 600,000 gals.; cost, \$85,000; cost mtce., \$6,800; wks. owned by Co.

PHOENIX, p. 11,134; merc. bldgs., bk., 1 to 5 stor.; priv., bk., 1 to 2 stor. F. dept.—2 str., 4 c. hand ex. (2 in reserve), 1 comb. h. & l. trk. (1 in reserve), 1 c. eng., 1 hose wag. (4 hose car. in reserve), 6 hrs. (2 in reserve); hose, cot., rub. lined, gd., 2,200 ft.; in reserve, 3,100 ft.; tot. hose, 5,300 ft.; f. al., bell, 16 bx.; val. equip., \$9,800; val. bldgs., \$8,000; tot. mem., 122, pd. full time 8, vol. 114; undra. rating, first class.

Water Supply—Src., wells, ¾ m. northeast of city; sys., pump to stdp. & direct; stdp. cap., 115,000 gals., dim. 14 x 100; 3 pump. eng., class comp. dup., cap. day 9,000,000 gals.; mains, kalemein, 30 m.; 4 to 16 in. dia.; 193 hyd.; met., 106; 2,844 serv.; 226 v.; pipe, iron; pres., dom. 42 lbs.; f. 100 lbs.; cons., annum 479,036,426 gals.; cost, \$330,000; cost mtce., \$24,000; wks. owned by city. Contracts have been let for 20 m. of pipe, sizes 4 to 16 in., & 104 hyd.; cost, \$125,000.

PRESCOTT, p. 5,092; f. area, 1,840 a.; merc. bldgs., bk., stn. & wd., 1 to 4 stor.; priv., bk., stn. & wd., 2 stor.; fwks. & combt. ord. F. dept.—1 h. & l. trk., comb. c. eng., hose cart & h. & l. wag., 1 hose wag., 4 hose car.; 2 hrs., 2 pd. drivers; hose, cot., rub. lined, gd., 3,000 ft.; inf., 2,000 ft.; tot. hose, 5,000 ft.; f. al., Gamewell & bell, 20 bx.; tot. mem., 120 vol.

Water Supply—Src., spr., 20 m. bus. cent.; sys., grav. & pump direct; res. cap., 2,750,000 gals., loc. in city; 2 pump. eng., class cross comp. dup., cap. day 1,000,000 gals.; mains, wrt. l., 19¾ m., 4 to 8 in. dia.; 85 hyd., 28 v., 650 met., 650 serv.; pipe, galv. i.; pres., dom. 100 lbs.; f. 105 lbs.; cons., day 300,000 gals.; wks. owned by city.

RAY, p. 1,000; f. area, 3 a. F. dept.—1 hose reel, 250 ft. hose; f. al., bell; val. dept. equip., \$73; vol.

Water Supply—Src., spr.; sys., grav.; mains, 750 ft. 4 in. dia.; 5 hyd.; 3 v.; pres., dom. 140 lbs.; f. 140 lbs.

SAFFORD, p. 1,500; f. area, 12 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose reel, 12 c. hand ex.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell, 1

bx.; val. equip., \$1,500; val. bldgs., \$200; exp. dept., \$50; tot. mem., 12 vol.

Waterwks. to be installed.

TEMPE, p. 1,473. F. dept.—1 hose cart; hose, 1,000 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$5,000; tot. mem., 35 vol.

Water Supply—Sys., pump, to res.; res. cap., 200,000 gals.; mains, 4 to 8 in. dia.; 32 hyd.; pres., 95 lbs.

THATCHER, p. 1,200. F. dept.—1 c. eng.; val. equip., \$525; vol.

Water Supply—Waterwks. under construction.

TOMBSTONE, p. 1,582; merc. bldgs., wd. & adobe, 1 stor.; wd. rfs. perm. F. dept.—4 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 500 ft.; tot. hose, 2,800 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$150; vol.

Water Supply—Src., spr., 30 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, 7 in. dia.; 40 hyd.; 200 met.; pres., dom. 135 lbs.; cons., day 300,000 gals.; wks. owned by city.

TUCSON, p. 13,192; f. area, 2 sq. m.; merc. bldgs., adobe, iron & stn., 1 & 2 stor.; priv., adobe, bk. & wd., 1 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 c. eng., 1 h. & l. trk., 4 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$3,000; tot. mem., 100 vol.; undra. rating, second class.

Water Supply—Src., wells, ¾ m. bus. cent.; cap. wells, 2,000,000 gals. day; sys., pump to mains & stdp.; 4 pumps; stdp. cap., 500,000 gals., dim. 32 x 80, mat. sheet stl.; 8 pump. eng., class Cross comp., cap. day 10,000,000 gals.; mains, c. & wrt. l., 44 m., 4 to 12 in. dia.; 318 high-pres. hyd.; 95 v.; met.; 1,400 serv.; pipe, galv. i.; pres., dom. 40 lbs.; f. 90 lbs.; cons., day 24,000,000 gals.; cost, \$540,000; wks. owned by city.

WICKENBURG, p. 570. F. dept.—Ladders, 4 c. hand ex.; f. al., bell & wh.; vol.

WILLIAMS, p. 2,000; f. area, 40 a. F. dept.—2 hose carts, 1 h. & l. trk., 1,000 ft. hose; val. equip., \$1,500; val. bldgs., \$200; exp. dept., \$300; tot. mem., 12 vol.; undra. rating, second class.

Water Supply—Src., dam; 1 m. bus. cent.; sys.; grav.; mains, 1,500 ft.; 26 hyd.; 8 v.; 250 serv.; pres., dom. 50 lbs.; f. 150 lbs.; cost, \$40,000; wks. owned by priv. Co.

WINSBORO.—F. dept. not reported.

Water Supply—Src., creek, 6½ m. bus. cent.; sys., stn. pump to stdp.; stdp. cap., 3,300 gals. mat. stl.; res., 3 60-ft. tk.; 2 pump. eng.; mains, c. l., 6½ to 8 in. dia.; 80 hyd.; 350 v.; wks. owned by Co.

WINSLOW, p. 2,381; f. area, 500 a. F. dept.—2 hose carts, 1,000 ft. hose, ladders, axes, hand ex.; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 12, pd. part time.

Water Supply—Src., Clear Creek, situated 6 m. bus. section; sys., pump to stdp.; stdp. cap., 836,000 gals., dim. 24 x 62 ft., mat. stl.; 3 pump. eng., high pres., cap. day, 38,000 gals.; mains, c. i., 6 m., 2 to 8 in. dia.; 30 hyd.; 8 v.; 10 met.; pres., dom. 30 lbs.; f. 100 lbs.; cons., day 80,000 gals.; cost, \$200,000; cost mtce., \$8,000; wks. owned by A. T. & S. F. Ry Co.

YUMA, p. 2,914. F. dept.—1 c. hand ex., 1 h. & l. trk., 5 hose carts, 40 f. plugs fed by 8-in., 6-in. & 4-in. liner pump pres., cap. 200 lbs.; 5,000 ft. hose; vol.

Water Supply—Src., riv., in bus. cent.; sys., pump. to res.; res. cap., 1,300,000 gals.; 4 pump. eng.; cap. day, 12,000,000 gals.; mains, 2 m., 43 hyd.; 400 met.; pres., dom. 40 to 70 lbs.; f. 100 lbs.; cost, \$50,000; wks. owned by Co.

Places of 1,000 or more population having no organized f. dept.—Parker, San Carlos, Sasco.

Places of 1,000 or more population not reported—Benson, Courtland, Mesa, Miami, St. Johns, Warren.

ARKANSAS

ARKADELPHIA, p. 2,745; f. area, 960 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 400 ft.; inf., 500 ft.; tot. hose, 1,100 ft.; f. al., bell, val. equip., \$1,200; val. bldgs., \$250; tot. mem., 12 vol.; undra. rating, second class.

Water Supply—Src., river, $\frac{1}{4}$ m. bus. cent.; sys., pump to mains & stdp.; stdp. cap., 235,000 gals., dim. 20 x 100, mat., stl.; 2 pump. eng., cap. day 750,000 gals.; mains, wrt. l., 8 m., 4, 6, 8 & 10 in. dia.; 80 hyd.; 12 v.; 325 serv.; 40 met.; pipe, galv. i.; pres., dom. 80 to 40 lbs.; f. 100 lbs.; cost, \$100,000; wks. owned by private Co.

ARKANSAS CITY, p. 1,485. F. dept.—1 h. & 1 trk., 2 hose car.; hose, rub. lined, gd., 1,500 ft.; inf., 1,000 ft.; tot. hose, 2,500 ft.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump to tank, height of tank 104 ft.; pres., 45 lbs.; res. cap., 40,000 gals.; 2 pump. eng.; mains, c. l., 2 m.; 22 hyd.; 5 v.; wks. owned by E. W. Smith.

AUGUSTA, p. 1,520; f. area, 60 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes f. inv. F. dept.—8 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$60; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., deep wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to tank & dir.; res. cap., 50,000 gals., loc. in bus. cent.; 8 pump. eng., size 6 in.; mains, $\frac{1}{4}$ m., 4 to 6 in. dia.; 26 hyd.; 20 v.; wks. owned by Arkansas Public Service Co.

BATESVILLE, p. 8,899; merc. bldgs., stn. & bk., 1 to 8 stor.; fwks. & combt. ord.; not over 50 lbs. powder allowed in city limits. F. dept.—1 hand eng., 3-hrs. ladder & hose wag., 5 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; new hose, 1,500 ft.; tot. hose, 2,700 ft.; f. al., bell, phone exchange; tot. mem., 22 vol.; undra. rating, second class.

Water Supply—Src., White river, $\frac{1}{4}$ m. bus. cent.; sys., main to stdp.; stdp. 100 ft. higher than bus. portion of town; stdp. cap., 84,000 gals., dim. 12 x 100; mat., stl.; 2 pump. eng., cap. day, 750,000 gals.; mains, c. l., 7 m., 8, 6 & 4 in. dia.; 45 hyd.; 21 v.; met., 400; 500 serv.; pipe, c. l.; pres., dom. 85 to 104 lbs.; f. 85 to 104 lbs.; cons. day, 150,000 gals.; cost, \$31,237; cost mtce., \$4,540; wks. owned by city.

BENTONVILLE, p. 1,956; f. area, 640 a.; merc. bldgs., stn. & bk., 1 to 8 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes f. inv. F. dept.—1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 200 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,500; exp. dept., \$100; tot. mem., 22 vol.

Water Supply—Src., spr., $3\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 60,000 gals., dim. 16 x 25; mat., wd.; res. cap., 600,000 gals., loc. $3\frac{1}{2}$ m. east of town; 2 pump. eng., class comp., cap. day 2,880,000 gals.; mains, c. l., 9 m., 8, 6 & 4 in. dia.; 60 hyd.; 10 v.; met., 10; 360 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 85 lbs.; cons. day, 65,000 gals.; cost, \$35,000; cost mtce., \$1,000; wks. owned by city.

BLACK ROCK, p. 1,078. F. dept.—1 c. eng.; f. al., bell; tot. mem., 100 vol.

Water Supply—Src., wells & river close by, with bucket brigade.

BLYTHEVILLE, p. 3,849; f. area, 12 a.; merc. bldgs., bk. & stn., 1 to 8 stor.; priv., stn. & wd., 1 to 8 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; vol. f. dept.

BRINKLEY, p. 1,740; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., force pump, 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$250; tot. mem., 80, part time pd.; undra. rating, third class.

Water Supply—Src., well, 1,000 ft. bus. cent.; sys., pump dir.; 1 pump. eng., class dup., cap.

day 500,000 gals.; mains, c. l., $1\frac{1}{2}$ m., 6 to 10 in. dia.; 42 hyd.; pres., f. 80 lbs.; cost, \$7,000; cost mtce., \$1,800.

CAMDEN, p. 3,995; f. area, 150 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; rub. gd., 400 ft.; inf., 800 ft.; tot. hose, 2,400 ft.; f. al., bell & elec., 1 bx.; val. equip., \$3,000; val. bldgs., \$10,000; exp. dept., \$1,200; tot. mem., 21; pd. full time 1, vol. 20, undra. rating, third class.

Water Supply—Src., river; sys., pump to stdp.; stdp. 75 x 15, cap. 99,000 gals.; 2 pump. eng., class comp. dup., cap. day 750,000 gals.; mains, $5\frac{1}{4}$ m., 4 to 10 in. dia.; 47 hyd.; pres., dom. 50 lbs., f. 100 lbs.; cost, \$43,000; cost mtce., \$2,800; wks. owned by Co.

CLARKSVILLE, p. 2,500; f. area, 320 a. F. dept.—1 comb. l. & hose trk., 2 hose reels, c. hand ex.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,500; tot. mem., 22, pd. part time; undra. rating, fourth class.

Water Supply—Src., well & strm., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; 1 pump. eng., cap. day, 360,000 gals.; mains, 4 to 8 in. dia.; 45 hyd.; 90 v.; pres., dom. 85 lbs., f. 100 lbs.; cost, \$75,000; cost mtce., \$2,000; wks. owned by municipality.

CONWAY, p. 2,794; f. area, 1,200 a. F. dept.—Hose & 3 hose carts; vol.; val. equip., \$1,700; val. bldgs., \$90.

Water Supply—Src., creek, 1 m. bus. cent.; sys., dir. pres.; cost, \$9,000; wks. owned by city.

COTTER, p. 1,000; f. area, 20 a. F. dept.—1 c. eng.; val. equip., \$750; tot. mem., vol.

Water Supply—Src., river.

DARDANELLE, p. 1,757; f. area, 73 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 700 ft.; inf., 300 ft.; tot. hose, 1,000 ft.; exp. dept., \$1,500; tot. mem., 28 vol.

Water Supply—Src., spr., 6 m. bus. cent.; sys., grav. pump to stdp.; stdp. cap., 175,000 gals.; 2 pump. eng., cap. day 300,000 gals.; mains, 9 m., 2 to 6 in. dia.; 24 hyd.; met., 12; 275 serv.; pres., dom. 130 lbs., f. 75 lbs.; cost, \$27,000; cost mtce., \$300.

DEQUEEN, p. 2,500; f. area, 160 a. F. dept.—2 hose carts & reels; 1,000 ft. hose; val. equip., \$1,250; tot. mem., 20 vol.; undra. rating, third class.

Water Supply—Src., 3 wells, 1 m. bus. cent.; sys., pump; 3 pump. eng.; cap. day, 864,000 gals.; mains, $7\frac{1}{2}$ m., 21 hyd.; 24 v.; 250 serv.; pres., dom. 55 lbs.; f. 110 lbs.; cost, \$25,000; cost mtce., \$2,400; wks. owned by city.

ELDORADO, p. 4,202; bldgs., wd. & bk.; wd. rfs. not perm. F. dept.—1 hose wag., 2 chem. tanks & ladders, 1 pd. driver; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.; tot. mem., 15 vol.

Water Supply—Large wells.

EUREKA SPRINGS, Carroll Co., p. 3,228; merc. bldgs., wd., bk. & stn., 1 to 6 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,000; val. station, \$250; exp. dept., \$200; tot. mem., 50 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 86,000 gals., dim. 12 x 100, loc. on high point in city limits; mat., boiler i.; res. cap., 25,000,000 gals., loc. $1\frac{1}{2}$ m. bus. cent.; 2 pump. eng., class comp. dup., cap. day 720,000 gals.; mains, c. l., 9 m., 4 to 10 in. dia.; 65 hyd.; 28 v.; met., 139; 680 serv.; pipe, lead; pres., dom. 40 to 150 lbs., f. 176 lbs.; cons. day, 150,000 gals.; cost, \$90,000; cost mtce., \$3,000; wks. owned by city.

FAYETTEVILLE, p. 4,471; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose & ladder wag.; 1 hose reel; hose, cot., rub. lined, 2,750 ft.; f. al., bell & elec. gong; val. equip., \$1,800; val. bldgs., \$5,000; exp. dept., \$1,200; tot. mem., 80, pd. full time 1, pd. part time 1, vol. 28.

Water Supply—Src., river, 2½ m. bus. cent.; sys., grav.; res. cap., 537,014 gals.; 3 pumps; cap. day, 1,500,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; 67 hyd.; 25 v.; met., 500; 1,100 serv.; pres., f. 80 lbs.; cons. day, 600,000 gals.; cost, \$200,000; cost mtce., \$10,000; wks. owned by city.

FORDYCE, p. 3,000; f. area, 160 a. F. dept.—1 hose wag., 1,000 ft. hose; val. equip., \$2,500; exp. dept., \$350; tot. mem., 7, pd. part time; undrs. rating, third class.

Water Supply—Src., deep well, 1 m. bus. cent.; sys., pump.; 2 pump. eng.; mains, 8 m.; 24 hyd.; 28 v.; pres., dom. 65 lbs., f. 85 lbs.; cost, \$40,000; wks. owned by Co.

FORREST CITY, p. 3,000; f. area, 160 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in certain districts in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 4 hose reels, 1 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 1,000 ft.; tot. hose, 2,500 ft.; f. al., tel., bell & wh.; val. equip., \$1,500; val. bldgs., \$500; exp. dept., \$2,000; tot. mem., 16 vol.

Water Supply—Src., wells, 350 yds. bus. cent.; sys., pump to res. & dir.; res. cap., 75,000 gals.; pres., dom. 40 lbs., f. 125 lbs.; pump. eng., cap. day 300,000 gals.; mains, c. i., 4 m.; 23 double & 13 single hyd.; met., 45; 306 serv.; cost, \$60,000; cost mtce., \$5,000.

FORT SMITH, p. 23,975; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 12 c. hand ex., 3 comb. hose & c. wag., 2 hose wag., 1 chief's auto, 1 h. & l. trk., 1 supply wag., 17 hrs.; hose, 11,054 ft., 1,150 ft. in reserve; f. al., tel.; val. equip., \$13,000; val. bldgs., \$30,000; tot. mem., 28, pd. full time.

Water Supply—Src., river, 1½ m. bus. cent.; sys., grav., pump to res. & dir.; stdp. cap., 500,000 gals., dim. 30 x 100; mat., iron; res. cap., 14,000,000 gals., loc. 135 ft. above low water, south of city; 2 pump. eng., class, low serv.; cap. day, 10,000,000 gals.; mains, c. i., 50½ m., 4 to 20 in. dia.; 336 hyd.; 381 v.; met., 1,200; 3,937 serv.; pipe, galv. i. & lead; pres., dom. 45 lbs., f. 120 lbs.; cons. day, 2,531,000 gals.; wks. owned by Co.

GRAVETT, p. 569. F. dept.—Not reported.

Water Supply—Src., deep well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; mains, c. i.; cost, \$15,000; wks. owned by city.

HAMBURG, p. 3,000. F. dept.—2 hose carts, 1,000 ft. hose; val. equip., \$1,400; tot. mem., 20 vol.

Water Supply—Src., not reported.

HARRISON, p. 1,602; f. area, 10 a.; merc. bldgs., wd., bk. & stn., 1 & 2 stor.; priv., wd., bk. & stn., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose carts, 1,000 ft. hose; f. al., wh.

Water Supply—Src., spr., 2 blocks bus. cent.; sys., pump to res. & stdp.; stdp. cap., 25,000 gals.; 3 pump. eng.; cap. day, 50,000 gals.; mains, 7½ m. 2 to 4 in. dia.; 250 serv.; pres., 50 to 150 lbs.; cost, \$6,000; wks. owned by Electric Light & Ice Co.

HELENA, p. 3,772; merc. bldgs., bk., iron, stn. conc. & wd., 2 to 5 stor.; priv., bk., wd. & conc. wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., bell & elec., 125 bx.; val. equip., \$10,000; val. bldgs., \$13,500; tot. mem., 9, pd. full time; undrs. rating, second class.

Water Supply—Src., artesian wells, 5 blocks bus. cent.; sys., pump to res. & dir.; res. cap., 1,000,000 gals.; mains, c. i., 109 hyd.; met., 775; 2,200 serv.; pres., dom. 60 to 70 lbs., f. 90 to 130 lbs.; cons. day, 2,000,000 gals.; wks. owned by priv. party.

HOPE, p. 3,639. F. dept.—1 comb. c. & hose wag., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1

hose reel; hose, cot., rub. lined, gd., 1,800 ft.; rub. gd., 150 ft.; tot. hose, 1,950 ft.; f. al., tel., & wh.; val. equip., \$5,000; val. bldgs., \$8,000; exp. dept., \$2,000; tot. mem., 10; pd. full time 3, pd. part time 7; undrs. rating, fourth class.

Water Supply—Src., wells; sys., pump to res.; res. cap., 235,000 gals.; met., 400; cons. capita, 30 gals.; cost, \$60,000; cost mtce., \$7,000; wks. owned by town.

HOT SPRINGS, p. 14,434; merc. bldgs., stn. & bk., 2 to 4 stor.; priv., bk. & wd., 2 str.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 str., 1 comb. c. & hose wag., 8 c. hand ex., 3 hose wag., 1 chief's wag., 7 hrs.; hose, cot., rub. lined, gd., 8,040 ft.; in reserve, 1,160 ft.; f. al., bell, 28 bx.; val. bldgs., \$12,000; exp. dept., \$10,720; tot. mem., 17, pd. full time.

Water Supply—Src., spr. & creek, 1½ m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals.; 4 pump. eng.; cap. day, 8,500,000 gals.; mains, c. i., 16½ m., 4 to 12 in. dia.; 138 hyd.; 101 v.; 2,400 serv.; pres., dom. 110 lbs., f. 120 lbs.; cost, \$250,000; cost mtce., \$6,000; wks. owned by Co.

JONESBORO, p. 7,123; f. area, 640 a.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 2 str.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 800 ft.; tot. hose, 2,300 ft.; f. al., wh. & tel.; val. equip., \$1,500; exp. dept., \$1,200; tot. mem., 12, pd. full time 1, vol. 11; undrs. rating, third class.

Water Supply—Src., deep wells, ¼ m. bus. cent.; sys., pump to mains & stdp.; stdp. cap., 100,000 gals., dim. 12 x 100; mat., stl.; res. cap., 350,000 gals., loc. at plant; 3 pump. eng., class comp., cap. day 4,000,000 gals.; mains, c. & galv. i., 6 m.; 101 hyd.; met., 75; 1,300 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 90 to 100 lbs.; cons. day, 950,000 gals.; cost for water & light combined, \$186,000; wks. owned by city.

LITTLE ROCK, p. 45,941; merc. bldgs., conc. stn. & bk., 1 to 11 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 auto. comb. hose & pump. eng., 2 stn. eng., 1 in reserve, 1 chief's auto, 2 auto. emergency cars, 19 c. hand ex., 1 aer. trk., tractor drawn, 1 h. & l. trk., 1 in reserve, 1 comb. hose wag., 3 hose wag., 12 hrs.; hose, cot., rub. lined, gd., 11,500 ft.; f. al., Gamewell, 39 bx.; val. equip., \$96,322; val. bldgs., \$81,319; exp. dept., \$158,947; tot. mem., 49, pd. full time.

Water Supply—Src., river, 1½ m. bus. cent.; sys., pump to res. & dir.; stdp. cap., 300,000 gals., dim. 20 x 125; mat., boiler i.; res. cap., 13,000,000 gals.; 6 pump. eng., class comp., cap. day 14,000,000 gals.; mains, c. i., 75 m., 4 to 24 in. dia.; 499 hyd.; 7,110 serv.; 432 v.; met., 8,520; pipe, galv. i. & lead; pres., dom. 1 to 90 lbs.; wks. owned by Co.

LONOKE, p. 1,547. F. dept.—None. Undrs. rating, fourth class.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 15,000 gals.; new stdp. cap., 500 bbls.; mains, 1½ m.; 300 serv.; cost, \$4,500; cost mtce., \$500.

MARIANNA, p. 4,310; f. area, 60 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 21 c. hand ex., 1 hose wag., 5 hose cart, 21 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. bldgs., \$1,500; tot. mem., 18 vol.

Water Supply—Src., wells; sys., pump to res. & stdp.; res., 96,000 gals. cap.; 2 pumps, cap. 650,000 gals. day; pres., dom. 60 lbs., f. 100 lbs.; 2½ m., 4 to 8 in. mains; 55 hyd.; stdp. cap., 105,000 gals.; met., 5; pres., f. 200 lbs.; cons. day, 20,000 gals.; wks. owned by town.

MENA, p. 2,953. F. dept.—1 h. & l. trk., 2 hose carts & 600 ft. 2½-in. hose; lowest pres., 75 lbs.; highest, 112 lbs.; tot. mem., 20 vol.

Water Supply—Src., spr. & wells; sys., grav.; stdp. cap., 175,000 gals.; dim. 24 x 54; mat., boiler i.; res. cap., 183,000 gals.; daily cons., 80,000 gals.; mains, c. i., 8 m., 4 to 12 in. dia.; 62 hyd.; 15 v.; met., 112; pres., dom. 110 lbs., f. 110 lbs.; cost, \$50,000; cost mtce., \$360; wks. owned by city.

MONTICELLO, p. 2,274. F. dept.—1 hose cart; hose, gd., 1,500 ft.; tot. mem., 18 vol.; undrs. rating, third class.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump to res. & dir.; res. cap., 100,000 gals.; mains, 5 m., 4 to 8 in. dia.; 30 hyd.; met., 76; 375 serv.; pres., f. 120 lbs.; cost, \$30,000; cost mtce., \$5,000.

MORRILLTON, p. 2,424; f. area, 1 sq. m. F. dept.—1 h. & l. trk., 2 hose carts; val. equip., \$1,000.

Water Supply—Src., river, creek & spr.; cost, \$50,000.

NEWPORT, p. 3,557; f. area, 500 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$4,000; exp. dept., \$4,000; tot. mem., 10 vol.

Water Supply—Src., river, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals., dim. 24 x 20, loc. 3,000 ft. station, mat. stl.; 2 pump. eng., cap. day, 2,250,000 gals.; mains, c. i., 7 $\frac{1}{2}$ m., 4 to 8 in. dia.; 76 hyd.; 41 v.; met., 40; 800 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 75 to 90 lbs.; cons. day, 500,000 gals.; cost, \$90,000; wks. owned by Co.

OSCEOLA, p. 1,769. F. dept.—2 hose carts, 1,000 ft. hose; vol.

Water Supply—Well, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; 2 pump. eng., cap. day 504,000 gals.

PARAGOULD, p. 5,248; merc. bldgs., bk., 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; val. equip., \$700; val. bldgs., \$300; tot. mem., 11, vol. 10, pd. full time 1; undra. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 190,000 gals., loc. pump station; 2 pump. eng., cap. day 750,000 gals.; mains, c. i., 8 m., 4 to 10 in. dia.; 61 hyd.; 1,042 serv.; pipe, c. i.; pres., dom. 63 lbs., f. 100 lbs.; cons. day, 150,000 gals.; cost, \$28,000; cost mtce., \$3,400; wks. owned by city.

PARIS, p. 1,497. F. dept.—h. & l., buckets, 2 hose car.; vol.

PINE BLUFF, p. 15,102; f. area, 400 a.; merc. bldgs., bk., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 chief's auto, 1 h. & l. trk., 6 c. hand ex., 8 hose wag., 1 supply wag., 9 hrs.; hose, cot., rub. lined, gd., 5,100 ft.; f. al., telp.; val. equip., \$9,000; val. bldgs., \$10,000; exp. dept., \$7,000; tot. mem., 15, pd. full time.

Water Supply—Src., deep wells, $\frac{1}{4}$ m. bus. cent.; res. cap., 3,000,000 gals.; sys., pump dir. to mains; 2 pump. eng., class triple expansion dup., cap. day 8,000,000 gals.; mains, 39 m., 4 to 20 in. dia.; 312 hyd.; 239 v.; met., 2,249; serv., 2,249; pipe, galv. i.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 1,160,000 gals.; cost, \$450,000; wks. owned by Co.

PRESCOTT, p. 2,705; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., wh.; tot. mem., 12 vol.; undra. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 85,000 gals.; res. cap., 40,000 gals.; 1 pump. eng., class comp. dup., cap. day, 60,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 275 serv.; 16 hyd.; 43 met.; pres. dom. 40 lbs., f. 110 lbs.; cons. day 255,000 gals.; cost, \$25,000; cost mtce., \$3,600; wks. owned by city.

ROGERS, Benton county, p. 2,820; merc. bldgs., bk. & stn., 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 600 ft.; inf., 500 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,000; tot. mem., 20 vol.

Water Supply—Src., spr., 3,000 ft. bus. cent.; stdp. cap., 75,000 gals.; mat. stl.; 3 pump. eng.; class, comp.; cap. day 1,860,000 gals.; mains, c. i., 20 m., 4 to 8 in. dia.; wks. owned by priv. Co.

RUSSELLVILLE, p. 2,936; f. area, 40 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 1 aer. trk., 1 hose wag., 2 hrs.; hose, rub. lined, gd., 1,450 ft.; vol.

Water Supply—Src., running strum., 4 1-3 m. bus. cent.; sys., grav.; res. cap., 665,000 gals.; 2 pump. eng., comb. cap. day 1,000,000 gals.; mains, c. i.,

12 m. 6 to 8 in. dia.; 42 hyd.; 26 v.; 200 met.; pipe, c. i.; pres., dom. & f. 70 lbs.; cons. day, 300 000 gals.; cost \$80,000; cost mtce., \$1,200; wks. owned by priv. Co.

SLOAN SPRINGS, p. 2,405; f. area, 800 a.; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,900 ft.; rub., gd., 100 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$2,200; exp. dept., \$200; tot. mem., 22, vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; stdp. cap. 120,000 gals., mat. iron; res. loc. in city; 1 pump. cap. 1,080,000 gals. day; 1 pump. eng., class dup., cap. day 720,000 gals.; mains, c. i., 1 m., 6 in., 4 in. & 2 in. dia.; 40 hyd.; 60 v.; met., 10; 350 serv.; pipe, cast i.; 3 m., 8 in., 6 in. & 4 in.; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 280,000 gals.; cost, \$50,000; cost mtce., \$7,500; wks. owned by city.

SPRINGDALE, p. 2,000. F. dept.—1 c. eng. 2 tanks, 300 ft. hose; ladders, poles and extra cart; val. equip., \$1,000; exp. dept., \$100; tot. mem., 20 vol., undra. rating, fourth class.

Water Supply—Src., wells.

STAMPS, p. 2,500; f. area, 160 a. F. dept.—3 hand hose reels, 2,400 ft. hose; vol.; val. equip., \$1,000.

Water Supply—Src., res., 1 m. bus. cent.; sys., pump; 6 pump. eng.; cap. day 2,000,000 gals.; 200 hyd.; pres., dom. 80 lbs., f. 110 to 120 lbs.; wks. owned by priv. Co.

STUTTGART, p. 2,740. F. dept.—1 c. eng., 2 hose carts, buckets, ladders & axes; hose, cot., rub. lined, gd., 1,700 ft.; f. al., telp.; tot. mem., 20 vol.

Water Supply—Src., wells, near bus. cent.; 50,000-gal. conc. res.; sys., pump to stdp.; stdp. cap., 20,000 gals.; 2 pump. eng., class cyl. dup., cap. day, 280,000 gals.; mains, c. i., 8 m., 6 in. dia.; 30 hyd.; 20 v.; pres., dom. 40 lbs., f. 140 lbs.; cost, \$28,000; cost mtce., \$4,200; wks. owned by Co.

TEXARKANA, p. 5,655. F. dept.—1 str., 2 auto. triple comb. hose car., ladder & pump. eng., 1 comb. h. & l. trk. & c. eng., 1 comb. hose car. & ladder wag., 2 auto. comb. hose car. & l. trks., 1 hose wag., 2 deluge sets, 1 chief's car with c., 2 hrs.; hose, cot., rub. lined, gd., 8,600 ft.; f. al. sys. Gamewell, 43 bx.; tot. mem., 62, pd. full time 19, vol. 43; undra. rating, second class.

Water Supply—Src., deep well & spr., sys., pump to stdp., cap. 260,000 gals.; res. cap., 3,000,000 gals.; 2 pump. eng., class dup. & trip. exp., cap. day 4,000,000 gals.; mains, c. i., 30 m., 4 to 12 in. dia.; 2,071 met.; 2,071 serv.; 187 v.; 74 hyd.; pres., dom. 40 lbs., f. 70 lbs.; wks. owned by Co.

VAN BUREN, p. 3,878; f. area, 650 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 h. & l. trk., 2 hose car., 1 2-hr. comb. wag., 2 hand hose reels; hose, new, cot., 1,000 ft.; rub., gd., 800 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$2,250; val. bldgs., \$1,500; exp. dept., \$1,200; tot. mem., 60 vol.; undra. rating, third class.

Water Supply—Src., creek, 3 m. bus. cent.; sys., pump to res.; 2 pump. eng., class comp. dup., cap. day 1,500,000 gals.; mains, c. i., 9 m., 4 to 8 in. dia.; 44 hyd.; 11 v.; meters, 20; 550 serv.; pipe, galv. i. & lead; pres., dom. 107 lbs., f. 107 lbs.; cons. day, 500,000 gals.; cost, \$55,000; wks. owned by Co.

WALNUT RIDGE, p. 1,798; f. area, 25 a.; merc. bldgs., bk., 1 & 2 stor.; priv. dwellings, wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag.; f. al., bell; val. equip., \$1,500; val. bldgs., \$75.

Water Supply—Src., waterwks., a few priv. tanks.

WYNNE, p. 2,853. F. dept.—8 hose car., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,000 ft.; tot. mem., 18 vol.; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 85,000 gals. day; mains, 4 in., 6 in. & 8 in.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$21,000; cost mtce., \$3,000; wks. owned by town.

Places of 1,000 or more population having no organized fire dept.—Atkins, Blackrock, Boonville, Clarendon, Corning, Cotton Plant, Gurdon, Junction, Lonoke, Magnolia, Malvern, Mammoth Springs, Morrilton, Nashville, Searcy.

Places of 1,000 or more population not reported.—Benton, Coal Hill.

CALIFORNIA

ALAMEDA, p. 24,000; f. area, 3,274 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 to 4 stor.; wd. rfs. not perm. in f. limits; combt. ord.; causes of f. inv. F. dept.—1 auto. str., 1 str., 8 c. hand ex., 1 h. & l. trk., 3 hose wag., 2 comb. c. & h. wag., 1 c. eng., 18 hrs.; hose, cot., rub. lined, gd., 8,100 ft.; f. al., elec., 50 bx.; val. equip., \$40,000; val. bldgs., \$35,000; exp. dept., \$42,498; tot. mem., 60, pd. full time 24. vol. 36.

Water Supply—Src., wells, 23 m. bus. cent.; sys., pump to stdp. & direct to mains; res. cap., 250,000 gals.; 5 pump. eng., class horizontal comp. dup., cap. day 19,000,000 gals.; mains, c. l., 70 m., 4, 6, 8, 10, 12 & 26 in. dia.; 267 hyd.; met., 4,733; 4,733 serv.; 134 v.; pipe, wrt. & galv. i.; pres., dom. 60 lbs.; cons., day, 1,500,000 gals.; cost, \$638,000; cost mtce., \$28,000; wks. owned by Co.

ALHAMBRA, p. 5,021; f. area, 9 sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 2 auto. comb. c. & h. wag., 4 c. hand ex., 1 h. & l. trk.; hose, rub. gd., 2,600 ft.; f. al., Gamewell, 18 bx.; val. equip., \$25,000; val. bldgs., \$8,000; tot. mem., 40, pd. full time 4, pd. part time 36; \$2 per call; chief receives \$3 per call; undra. rating, thrd. class.

Water Supply—Src., wells, 3 m. bus. cent.; sys., grav.; res. cap., 10,000,000 gals.; 10 pump. eng., class compressed air and centr. f.; mains, mat. stl. & c. l., 100 m., 4 to 14 in. dia.; met., 2,000; 150 hyd.; pres., dom. 15 to 100 lbs., f. 20 to 100 lbs.

AMADOR, p. 984; f. area, 260 a.; merc. bldgs., stn., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 40 c. hand ex., 6 hose reels; hose, cot., rub. lined, gd., 800 ft.; inf., 400 ft.; tot. hose, 1,200 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$200; tot. mem., 30 vol.

Water Supply—Src., lake & riv.; sys., grav.; res. cap., 500,000 gals.; mains, 3 m., 8 to 10 in. dia.; 50 hyd.; 9 v.; 50 serv.; pres., f. 112 lbs.; works owned by Sutter & Amador Water Co.

ANAHEIM, p. 2,628. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 500 ft.; inf., 800 ft.; tot. hose, 1,300 ft.; f. al., wh.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 135,000 gals.; 2 pump. eng., cap. day 1,162,000 gals.; mains, 6 m., 2 to 6 in. dia.; 24 hyd.; met., 30; pres., dom. 25 lbs., f. 150 lbs.; cost, \$25,000; wks. owned by city.

ANDERSON, p. 1,610; f. area, 60 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 hose car., buckets, axes, ladders & hooks; hose, cot., rub. lined, gd., 350 ft.; rub. gd., 250 ft.; tot. hose, 600 ft.; f. al. bell; val. equip., \$245.85; tot. mem., 21 vol.

Water Supply—Src., well, 30 m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; 2 pumps, cap. 500 gals. min.; mains 1½ m., 6 in. dia.; 400 hyd.; 135 serv.; pres., f. 55 lbs.; cost, \$22,000; cost mtce., \$900; wks. owned by Anderson Water Co.

ANGELS, p. 3,000. F. dept.—2 hose carts, 600 ft. hose; vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; res. cap., 150,000 gals.; mains, 6 to 8 in. dia.; pres., dom. 75 lbs., f. 185 lbs.

ANTIOCH, p. 1,124. F. dept.—8 c. hand ex., 3 hose car.; 1,200 ft. gd. hose; f. a., bell; tot. mem., 70 vol.

Water Supply—Src., riv.; stdp. cap., 100,000 gals.; 1 pump. eng., class dup., cap. day 1,800,000 gals.; mains, 6, 4, 3, 2 in. dia.; pres., dom. 45 lbs.

ARCATA, p. 1,121; f. area, 640 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 c. hand ex., 3 hose car.; hose, cot.,

rub. lined, gd., 2,600 ft.; inf., 300 ft.; tot. hose, 2,900 ft.; f. al., Gamewell, 7 bx., bell al.; val. equip., \$4,000; exp. dept., \$250; tot. mem., 65 vol.; undra. rating, first class.

Water Supply—Src., spr.; sys., grav.; res. cap., No. 1, 700,000 gals., No. 2, 800,000 gals.; mains, 6 m., 3 to 7 in. dia.; 26 hyd.; pres., f. 110 lbs.; cost, \$13,000.

ARROYO-GRANDE, p. 1,200. F. dept.—1 hand h. & l. cart, 2 hand hose carts; 900 ft. gd. hose; f. al., bell & wh.

Water Supply—Src., creek; 2 stdps., cap., 20,000 gals.; res. cap., 60,000 gals.; 2 pump. eng., cap. day 4,000 & 9,000 gals.; mains, 4 in. dia.; 10 hyd.; 15,000-gal. water tower; pres., dom. 25 lbs., f. 35 lbs.

AUBURN, p. 2,876; f. area, 700 a.; merc. bldgs., wd. & bk., 1 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 hand c. eng., 1 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 200 ft.; tot. hose, 2,700 ft.; val. equip., \$3,500; val. bldgs., \$2,500; tot. mem., 90 vol.

Water Supply—Src., res., ¾ m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, 9.2 m., 2¼ to 16 in. dia.; 69 hyd.; 15 v.; 490 serv.; pres., dom. & f., 80 to 125 lbs.; wks. owned by Pacific Gas & Electric Co.

AZUSA, p. 1,477. F. dept.—1 comb. h. & c. eng., 1 hand hose car.; f. al., bell; tot. mem., 15 vol.

Water Supply—Src., riv.; 2 res., cap. 276,000 gals.; mains, 4 & 2 in. dia.; 20 hyd.; pres., dom. 25 lbs.

BADEN, p. 2,000. F. dept.—2 hose car.; hose, gd., 800 ft.; tot. mem., 16 vol.

Water Supply—Src., wells; stdp. cap., 1,000,000 gals.; res. cap., 1,500,000 gals.; 1 pump. eng., class centrif., cap. day 2,000,000 gals.; 72 hyd.

BAKERSFIELD, p. 12,727; f. area, 40 blocks; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 1 c. eng., 1 auto. c., chief's car, 12 c. hand ex., 3 hose wag., 1 comb. h. & l. trk., 3 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 200 ft.; tot. hose, 3,200 ft.; f. al., elec., 25 bx.; val. equip., \$25,000; val. bldgs., \$14,000; tot. mem., 34, paid full time 8, part time 1, remainder vol.

Water Supply—Src., wells in bus. cent.; sys., pump dir.; 7 pump. stations, each equipped with centrif. pump, cap. 860,000 gals. day; mains, 14 m., 1 to 18 in. dia.; 87 hyd.; 1,200 serv.; pres., dom. 30 lbs., f. 40 lbs.; cost, \$120,000; cost mtce., \$6,500; wks. owned by Elec. Water Co.

BENICIA, p. 2,360; f. area, 10 a.; merc. bldgs., bk. & wd., 1 and 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 50 c. hand ex., 1 aer. trk., 2 h. & l. trks., 4 hose car.; hose, cot., rub. lined, gd., 2,450 ft.; rub. gd., 800 ft.; inf., 250 ft.; tot. hose, 3,500 ft.; f. al., elec., 10 bx.; val. equip., \$1,000; val. bldgs., \$6,000; tot. mem., 164 vol.

Water Supply—Src., creeks & watershed, 5 m. bus. cent.; sys., grav. & pump to res.; res. cap., 550,000,000 gals.; 2 pump. eng., cap. day 1,750,000 gals.; mains, c. l., 7 m., 6 to 16 in. dia.; 80 hyd.; met., 221; 490 serv.; pipe, c. l.; pres., dom. 80 lbs., f. 80 lbs.; cons. day, \$40,000 gals.; cost, \$800,000; wks. owned by Co.

BERKELEY, p. 40,434; merc. bldgs., stn., bk. & wd., 2 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. str., 1 str., 1 c. eng., 15 c. hand ex., 4 auto. comb. c. & h. wag., 1 chief's auto, 2 deputy chief's buggies, 2 hose wag. in reserve, 1 hose wag., 14 hrs.; hose, cot., rub. lined, gd., 12,650 ft.; f. al., Gamewell, 60 bx.; val. equip., \$62,689; val. bldgs., \$27,100; exp. dept., \$66,252; tot. mem., 45, pd. full time.

Water Supply—Src., wells; sys., grav. to catchment, grav. & pumps to res.; res. cap., 205,000,000 gals.; 12 pump. eng., class horizontal comp. dup. trip., comb. cap. day 14,475,000 gals.; 101 m.

pipe, 1 to 16 in. dia.; 258 hyd.; 5,719 met.; 5,723 serv.; 197 v.; pres., dom. 50 to 80 lbs.; f. 150 lbs.; cons., day 2,200,000 gals.; cost, \$597,000; cost mtce., \$20,000; wks. owned by priv. corp.

BIGGS, p. 408; f. area, 4 a. F. dept.—2 hose carts, 2 hose reels; hose, 1,000 ft.; f. al., telg.; 2 20-ft. ext. ladders, 1 12-ft. rf. ladder; tot. mem., 80 vol.

Water Supply—Src., wells; sys., pump dir. to mains; mains, 8, 6 & 4 in. dia.; centrif. pump. cap. 500 gals. min.; 1 elec. motor & 50-hp. gas; 25 hyd.; 4 tk.; tot. cap., 32,000 gals.; pres., dom. 80 lbs.; f. 100 lbs.; cost, \$10,000; wks. owned by city.

BISHOP, p. 1,190; f. area, 160 a. F. dept.—1 comb. c. & hose wag., 1 auto. trk., 1 hose wag., 1 h. & l. trk., 3 hose car.; hose, 1,200 ft.; f. al., elec.; val. equip., \$7,000; exp. dept., \$50; tot. mem., 25 vol.

Water Supply—Src., creek; mains, 8 in. dia.

BLACK DIAMOND, p. 2,372. F. dept.—2 hose carts, 1,600 ft. hose; vol.

Water Supply—Riv.

BOULDER CREEK, p. 544. F. dept.—Hose, 550 ft.; tot. mem., 38 vol.

Water Supply—Sys., grav.; 6 hyd.; pres., 140 lbs.; cost, \$3,000; 2 res.; cap. No. 1, 600,000 gals.; No. 2, 50,000 gals.; wks. owned by Co.

BRAWLEY, p. 1,200; f. area, 800 a. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 800 ft.; f. al. bell; val. equip., \$2,000; val. bldgs., \$150; exp. dept., \$150; tot. mem., 80 vol.; undra. rating, fourth class.

Water Supply—Not reported.

CALISTOGA, p. 751. F. dept.—1 str., 2 hose carts, 1 h. & l. trk.; 1,350 ft. hose; bell al.; 40 vol.

Water Supply—Src., crk., wells & spg., 1 & 1½ m. bus. cent.; sys., grav.; res. cap., 1,500,000 gals.; mains, wrt. l., 6 m., 4 to 6 in. dia.; 20 hyd.; 216 met.; 216 serv.; pres., dom. & f., 54 lbs.; cost, \$50,000; wks. owned by priv. Co.

CHICO, p. 3,750; f. area, 249 a.; merc. bldgs., str. & bk., 1 to 4 stor.; priv. wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto comb. c. & h. wag., 1 h. & l. trk., 5 hose car., 2 hrs.; hose, cot., rub. lined, 5,000 ft.; f. al., Gamewell, 25 bx.; val. equip., \$20,000; val. bldgs., \$10,000; exp. dept., \$6,000; tot. mem., 275 vol., undra. rating, fourth class.

Water Supply—Src., wells, 4 blocks bus. cent.; sys., pump to res. & dir.; res. cap., 252,000 gals., loc. west of town; 6 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 14 m., 12, 8, 6, 4 in. dia.; 76 hyd.; 1,200 serv.; pres., dom. 45 lbs.; f. 100 lbs.; cons., day 1,500,000 gals.; cost, \$85,000; wks. owned by Co.

CHULA VISTA, p. 2,000. F. dept.—1 c. eng., 2 hose reels, 1,000 ft. hose; val. equip., \$1,000; tot. mem., 30, pd. part time; undra. rating, fourth class.

Water Supply—Src., res.; sys., grav.; pres., 60 to 80 lbs.; wks. owned by Co.

CLAREMONT, p. 1,114; f. area, 320 a.; priv. bldgs., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & hose wag., 1 c. tank; hose, cot., rub. lined, gd., 1,000 ft.; c., 200 ft.; tot. hose, 1,200 ft.; f. al., elec.; val. equip., \$4,000; tot. mem., 20 vol.

Water Supply—Src., 2 wells, 1½ m. bus. cent.; sys., pump. to res.; res. cap., 270,000 gals.; 2 pump. eng.; cap. day, 1,800,000 gals.; mains, stil., 10 m., 4 to 10 in. dia.; 55 hyd.; 430 met.; pres., dom. 75 lbs.; f. 110 lbs.; cons., day 200,000 gals.; cost, \$75,000; cost mtce., \$8,000; wks. owned by priv. Co.

CLOVERDALE, p. 823. F. dept.—1 h. & l. trk., 1 hose cart; hose, 1,000 ft.; tot. mem., 80.

Water Supply—Sys., grav.; res. cap., 252,000 gals.; mains, 6 in. dia.; 40 hyd.; pres., 60 lbs.

COLTON, p. 3,980. F. dept.—1 comb. c. & h. wag. & pump., 1 h. & l. trk., 6 c. hand ex., 1 hose car., 1 hose wag., 1 hr.; 1,000 ft. cot., rub. lined hose; rub., gd., 500 ft.; inf., 450 ft.; tot. hose, 2,450 ft.; f. al., telp. & bell; val. equip., \$13,550; val. bldgs., \$2,000; exp. dept., \$1,100; tot. mem., 25, pd. full time 1, vol. 24.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump dir.; res. cap., 1,200,000 gals., loc. near wells; 4 elec. pumps; mains, riv. iron, 35 m., 6 to 36 in. dia.; 70 hyd.; met., 20; 1,600 serv.; cost, \$150,000; cost mtce., \$7,000; wks. owned by city.

COLUSA, p. 1,582. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,250 ft.; inf., 200 ft.; tot. hose, 1,450 ft.; tot. mem., 45 vol.

Water Supply—Src., Sacramento riv., 4 blocks bus. cent., & 8 wells; sys., pump dir.; res. cap., 110,000 gals.; 8 pump. eng., class elec., cap. day 1,000,000 gals.; mains, c. l., 17 m., 4 to 8 in. dia.; 112 hyd.; 45 v.; 800 serv.; pipe, wrt. i.; pres., dom. 50 lbs.; f. 150 lbs.; cost, \$8,500.

CONCORD, p. 708. F. dept.—2 hand hose carts, 1,200 ft. hose; f. al., bell; vol.

Water Supply—Wells.

COOLINGA, p. 3,000. F. dept.—1 comb. hose and c. wag., 3 c. hand ex., 1 hose reel, 4 hrs.; 3,000 ft. gd. hose; val. equip., \$3,500; tot. mem., 12, pd. full time 2, pd. part time 4; vol. 6.

Water Supply—Src., deep wells; 3 m. bus. cent.; sys., grav.; res. cap. 400,000 gals.; 6 pump. eng., cap. day 1,000,000 gals.; 18 m.; mains, 2 to 8 in. dia.; 60 hyd.; 750 met.; pres., dom. 40 lbs.; f. 100 lbs.; cost, \$100,000; wks. owned by private party.

CORAM, p. 666. F. dept.—1 hose cart, 500 ft. hose.

Water Supply—Creek.

CORONA, p. 3,540. F. dept.—1 auto. comb. c. & h. wag., 8 c. hand ex., 1 h. & l. trk.; hose, cot. rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., bell & telp.; val. equip., \$8,000; exp. dept., \$1,500; tot. mem., 16, pd. \$2.00 per f.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 10 m., 2 to 10 in. dia.; 41 hyd.; 923 met.; 1,000 serv.; pres., dom. & f. 75 to 120 lbs.; cons., day, 600,000 gals.; wks. owned by Corporation.

CORONADO, p. 1,477; f. area, 1,100 a.; merc. bldgs., wd., 1 & 2 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. c. eng. with 300 ft. c. hose, 1 comb. c. & h. wag., 2 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,400 ft.; c., 150 ft.; tot. hose, 2,550 ft.; f. al., Gamewell, 15 bx.; val. equip., \$9,620; val. bldgs., \$1,500; exp. dept., \$2,490; tot. mem., 11, pd. full time 1, vol. 10.

Water Supply—Src., impounding res., 20 m. bus. cent.; sys., grav.; res. impounding res., 13,000,000 gals.; res. distributing cap., 1,725,000 gals.; mains, 51.14 m., 1 to 20 in. dia.; 40 hyd.; 850 v.; 1,480 met.; 1,570 serv.; pipe, wrt. i.; pres., dom. & f., 70 lbs.; cons., day, 500,000 gals.; cost, \$500,000; cost mtce., \$5,733; wks. owned by priv. Co.

DARRIS. F. dept. not reported.

Water Supply—Src., deep wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals.; dim., 18 x 18; mat., stil.; res. cap., 30,000 gals.; 2 pump. eng.; cap., min. 1,000 gals.; mains, 1½ m., 4 to 6 in. dia.; 17 hyd.; 3 v.; pres., dom. 37 lbs.; f. 125 lbs.; cons., day 15,000 gals.; cost, \$15,000; wks. owned by city.

DINUBA, p. 970. F. dept.—2 hose carts, 1 hand c. eng., 1,000 ft. hose; f. al., bell; 23 vol.

Water Supply—Wells.

DIXON, p. 827; f. area, 100 a.; merc. bldgs., bk., 1 & 2 stor.; priv. wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; rub., gd., 400 ft.; inf., 100 ft.; tot. hose, 2,100 ft.; f. al., wh. & bell; val. equip., \$3,500; val. bldgs., \$1,500; exp. dept., \$750; tot. mem., 80 vol.; undra. rating, third class.

Water Supply—Src., wells, 1,000 ft. bus. cent.; sys., pump to res.; tk. cap., 100,000 gals.; dim., 18 x 24; mat., wd.; res. cap., 100,000 gals.; 2 pump. eng., class dup., cap. day 300,000 gals.; mains, iron, 8 m., 4 to 8 in. dia.; 13 v.; met., 20; pres., dom. 32 lbs.; f. 50 lbs.; cons., day, 100,000 gals.; cost, \$20,000; wks. owned by Co.

DUNSMUIR, p. 1,719. Fire dept.—1 hose cart, 800 ft. hose; vol.

Water Supply—Src., spr., $2\frac{1}{2}$ m. bus. cent.; sys., grav.; mains, $2\frac{1}{2}$ m., 8 to 12 in. dia.; pipe, stl.; pres., dom. 135 lbs.; f. 135 lbs.; cost, \$100,000; cost mtce., \$2,400; wks. owned by priv. Co.

EL CENTRO, p. 1,610; f. area, 1,000 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 6 c. hand ex., 2 hose wag., 2 hose car., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$7,000; tot. mem., 27 vol.; undrs. rating, fifth class.

Water Supply—Src., Date Canal, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals., mat. stl.; res. cap., 10,000,000 gals.; 1 pump. eng., cap. day 3,900,000 gals.; mains, c. l., 11 m., 4 to 12 in. dia.; 81 hyd.; 92 v.; 934 serv.; 12 met.; pipe, galv. iron; pres., dom. 50 lbs., f. 125 lbs.; cons., day 900,000 gals.; cost, \$123,000; wks. owned by city.

EMERYVILLE, p. 2,618. F. dept.—1 comb. auto. str.; f. al., tel.; val. equip., \$8,800; val. bldgs., \$10,000; vol.

Water Supply—Src., wells & Lake San Leandro; sys., dir. pres.; mains, 11 m., 2 to 12 in. dia.; 54 hyd.; met., 400; 458 serv.; pipe, wrt. & c. l.; wks. owned by priv. Co.

ESCONDIDO, p. 1,334. F. dept.—1 hose cart; hose, 500 ft.; f. al., bell.

Water Supply—Sys., grav.; res. cap., 780,000 gals.; mains, 6 to 8 in. dia.; 10 hyd.; pres., 60 lbs.

ETNA MILLS, p. 1,000. F. dept.—2 hose car.; hose, 1,000 ft.; f. al., bell; tot. mem., 26 vol.

Water Supply—Src., creek; mains, 4, 8, 10 & 24 in. dia.; 12 hyd.; pres., f. 85 lbs.

EUREKA, Humboldt County, p. 11,845; merc. bldgs., wd. & bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 1 auto. c. & h. wag., 2 h. & l. trk., 11 hose car., 8 hrs.; hose, cot., rub. lined, gd., 9,500 ft.; f. al., Gamewell, 36 bx.; val. equip., \$40,000; tot. mem., 260, pd. full time 5, pd. part time 7, 248 vol.

Water Supply—Src., riv., 5 1-3 m. bus. cent.; sys., pump to stdp.; 2 stdp. for lower water sys., loc. at Harris & F sts., cap. 1,045,000 gals.; dim., 54 x 31; mat., wd.; 1 stdp. for upper water sys., loc. at Harris & K sts. (filled from stdp. for lower sys.), cap. 85,000 gals.; mat. stl.; 2 pump. eng., class elec. & stm., cap. day 2,500,000 gals.; mains, stl., c. l. & wd., 47½ m., 1 to 16 in. dia.; 180 hyd.; 528 v.; met., 1,857; 2,211 serv.; pipe, galv. l.; pres., dom. 77 lbs., f. 77 lbs.; cons. day 508,820 gals.; cost, \$341,066; cost mtce., \$2,018; wks. owned by Co.

FERNADE, p. 905. F. dept.—1 str., 1 hand eng., 3 hose carts, 1 h. & l. trk.; hose, 2½ in., 1,500 ft.; tot. mem., 80 vol.

Water Supply—Sys., grav.; tk. cap., 33,000 gals.; res., 66,000 gals.; mains, 3 in. dia.; 1 hyd.; pres., 50 lbs.

FILLMORE, p. 1,000; f. area, 200 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 hose car.; hose, rub. lined, gd., 400 ft.; f. al., firearms; val. equip., \$300; vol. f. dept.

FORT BRAGG, p. 2,408; f. area, 1½ m.; merc. bldgs., wd., 1 to 4 stor.; priv., wd.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; tot. mem., 30 vol.

Water Supply—Src., spr. & crk., 2 m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals.; mains, 4 m., 4 to 10 in. dia.; 125 hyd.; pres., dom. 25 lbs., f. 120 lbs.; cons. day 300,000 gals.; cost, \$45,000; wks. owned by city.

FORTUNA, p. 883; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk., 2 hose carts, 4 c. ex.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 200 ft.; inf., 100 ft.; tot. hose, 2,300 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,000; tot. mem., 55 vol.

Water Supply—Src., spr. & well; sys., grav.;

res. cap., 500,000 gals.; mains, 4 to 6 in. dia.; 16 hyd.; 50 serv.; cost, \$10,000; cost mtce., \$200.

FRESNO, p. 24,892; merc. bldgs., bk. & conc., 1 to 6 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—5 str., 3 c. eng., 2 comb. wag., 6 c. hand ex.; 1 aer. trk., 8 hose wag., 88 hrs.; hose, cot., rub. lined, gd., 11,500 ft.; rub. gd., 1,000 ft.; tot. hose, 12,500 ft.; f. al., Gamewell, 31 bx.; val. equip., \$75,000; val. bldgs., \$58,000; tot. mem., 60, pd. full time 52, pd. part time 8.

Water Supply—Src., wells, scattered over town; sys. dir. into mains; stdp. cap., 250,000 gals., mat. iron; 11 pump. eng., class centrif., cap. 1,080,000 gals. hr.; mains, c. l., 90 m., 2½ to 12 in. dia.; 300 v.; 264 hyd.; 2,600 serv.; pres., dom. 42 lbs., f. 52 lbs.; cost, \$400,000; cost mtce., \$100,000; wks. owned by Co.

FRUITVALE, Alameda County, p. 6,500; merc. bldgs., redwood, 1 & 2 stor.; priv., redwood, 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 c. eng., 6 c. hand ex., 1 hose car.; hose, rub. gd., 2,600 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,500; tot. mem., 40 vol.; undrs. rating, first class.

Water Supply—Src., lake & wells, 10 m. bus. cent.

FULLERTON, p. 1,725. F. dept.—2 hose carts, 1 hand c. eng., 1 hand h. & l. trk.; 1,200 ft. hose; f. al., bell; val. equip., \$2,500; tot. mem., 40 vol.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; 2 pump. eng.; cap. day 144,000 gals.; mains, 11 m., 2 to 12 in. dia.; 50 hyd.; 300 v.; 650 met.; 650 serv.; pres. dom. & f. 80 lbs.; cons. day 250,000 gals.; cost, \$100,000; cost mtce., \$6,000; wks. owned by city.

GILROY, p. 2,437; f. area, 640 a.; merc. bldgs., wd. & bk., 1 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. hand ex., 1 h. & l. trk., 4 hose carts; hose, cot., rub. lined, gd., 600 ft.; rub. gd., 1,800 ft.; total hose, 2,400 ft.; f. al., elec.; val. equip., \$6,500; val. bldgs., \$4,000; exp. dept., \$989; tot. mem., 86, pd. full time 1, vol. 85.

Water Supply—Src., creek; sys., grav.; res. cap., 4,500,000 gals.; mains, 9 m., 3 to 10 in. dia.; 30 hyd.; 29 v.; pres., f. 35 lbs.; cost, \$66,000; wks. owned by city.

GLENDALE, p. 2,746. F. dept.—1 auto. comb. c. & h. wag., 2 c. eng., 7 c. hand ex.; 2 hose reels; hose, 2,800 ft.; f. al., bell; val. equip., \$11,000; val. bldgs., \$12,000; exp. dept., \$3,500; tot. mem., 35, pd. full time 2, vol. 33.

Water Supply—Src., spr.; 4 res., combined cap. 3,000,000 gals.; 60 hyd.; pres., dom. 20 to 60 lbs., f. 60 to 90 lbs.

GRASS VALLEY, p. 4,520; f. area, 180 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 4 hose car. & reels; hose, cot., rub. lined, gd., 3,000 ft.; inf., 100 ft.; tot. hose, 3,100 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$8,000; exp. dept., \$1,600; total mem., 125 vol.; undrs. rating, third class.

Water Supply—Src., Yuba Water Co.; 1½ m. bus. cent.; sys., grav.; res. cap., 5,500,000 gals.; mains, iron, 24 m., 8 to 22 in. dia.; 180 hyd.; 175 v.; 1,200 serv.; pipe, iron; pres., dom. 85 lbs., f. 120 lbs.; cost, \$90,000; cost mtce., \$7,000; wks. owned by city.

GRIDLEY, p. 987. F. dept.—1 str., 1 hand eng., 3 hose carts; 2,000 ft. hose; f. al., bell; 25 vol.

Water Supply—Wells.

GUADALUPE, p. 600. No f. dept.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp., stdp. cap. 40,000,000 gals.; res. cap., 40,000 gals.; 1 pump. eng., cap. day 40,000 gals.; wks. owned by priv. Co.

HANFORD, p. 4,829; f. area, 50 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 8 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 18 bx.; val. equip., \$16,000; val. bldgs., \$12,000; exp. dept., \$6,000; tot. mem., 35, pd. full time 4, vol. 31; undrs. rating, second class.

Water Supply—Src., wells, 600 ft. bus. cent.; sys., pump to stdp. & dir.; tk. cap., 150,000 gals.; loc. at wells & station; mat. wd.; 3 pumps; mains, wrt. l., 16 m., 3 to 12 in. dia.; 69 hyd.; met., 80; 1,100 serv.; 1-in. gas pipe; pres., dom. 25 lbs. f. 100 lbs.; cons. day, 680,000 gals.

HAYWARD, p. 2,746; f. area, 6 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—26 c. hand ex., 1 h. & l. trk., 1 comb. h. & c. wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 2,250 ft.; f. al., bell; val. equip., \$3,500; exp. dept., \$600; tot. mem., 25; undrs. rating, third class.

Water Supply—Src., wells, strum.; sys., pump to res.; res. cap., 560,000 gals.; pump. eng., cap. day 400,000 gals.; mains, 7 m., 8 to 8 in. dia.; 58 hyd.; met., 5; pres., dom. 70 lbs. f. 90 lbs.; cost, \$76,000; cost mtce., \$10,000; wks. owned by priv. Co.

HEALDSBURG, p. 2,011; f. area, 110 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv. bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng. on wls., 4 c. hand ex., 1 h. & l. trk., 3 hose car., hose, cot., rub. lined, gd., 1,300 ft.; rub. gd., 250 ft.; tot. hose, 1,550 ft.; f. al., bell; val. equip., \$8,500; exp. dept., \$300; tot. mem., 100, pd. full time 1, vol. 99.

Water Supply—Src., riv. & wells; sys., pump to res. & dir.; res. cap., 500,000 gals.; pump. cap. hour, 80,000 gals.; mains, 8 m., 3 to 8 in. dia.; 48 hyd.; met., 500; pres. f. 75 lbs.; cost, \$80,000; auxiliary plant cost, \$14,000; cost mtce., \$4,650; wks. owned by city.

HIGHLAND, p. 2,000. F. dept.—2 hose carts; 700 ft. hose; 21 vol.

Water Supply—Wells, sys., grav.; res. cap. 300,000 gals.; pres. 75 lbs.

HOLLISTER, p. 2,308; f. area, 1 m. long by ½ m. wide; merc. bldgs., bk. & wd., 1 & 2 stor.; priv. wd., 1 stor.; wd. rfs. not perm. in f. area; 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; f. al., bell & telp.; val. equip., \$8,000; val. bldgs., \$14,000; exp. dept., \$225; tot. mem., 97 vol.

Water Supply—Src., artesian wells, 12 m. bus. cent.; sys., grav. & pump to res.; res. cap. 1,000,000 gals.; loc. 3 m. city; mains, c. i. & stl., 8 miles, 8, 6 & 4 in. dia.; 45 hyd.; 42 v.; met., 500; 700 serv.; pipe, galv. iron; pres., dom. & f. 45 lbs.; cons. day, 850,000 gals.; cost, \$226,000; wks. owned by Co.

HUNTINGTON BEACH, p. 1,850; f. area, 1,000 a. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,250 ft.; inf., 250 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,000; tot. mem., 15 vol.

Water Supply—Src., well; sys., high pres.; 3 pump. eng.; cap. day, 1,150 gals.; mains, 4 to 14 in. dia.; 98 hyd.; 500 v.; pres., dom. 50 lbs. f. 50 lbs.; wks. owned by private Co.

IMPERIAL, p. 1,257. F. dept. not reported.

Water Supply—Src., canals, ½ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 100,000 gals.; mat., stl.; res. cap., 1,800,000 gals.; 2 pump. eng.; cap. day, 700,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 38 hyd.; 10 v.; met., 100; 375 serv.; pipe, wrt. l.; pres., dom. 43 lbs. f. 85 lbs.; cons. day, 700,000 gals.; wks. owned by city.

INDEPENDENCE, p. 300; merc. bldgs., wd., 1 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 200 ft.; vol.

Water Supply—Not reported.

INGLEWOOD, p. 1,536; f. area, 2,015 a.; merc. bldgs., bk. & wd., 1 stor.; priv. bk. & wd., 1 & 2 stor.; wd. rfs. perm. in fire area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 auto. comb. c. & h. wag., 6 c. hand ex.; hose, cot., rub. lined, gd., 700 ft.; rub., gd., 200 ft.; tot. hose, 900 ft.; f. al., bell; val. equip., \$5,800; val. bldgs., \$4,000; exp. dept., \$1,500; tot. mem., 35 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; pump. eng.; cap. day, 129,600 gals.; mains, 48 m., 2 to 12 in. dia., mat. c. i. & stl.; 8 hyd.; met., 1,300; 1,300

serv.; pres., dom. 15 to 60 lbs. f. 15 to 60 lbs.; cons., day, 300,000 gals.; cost, \$75,000; cost mtce., \$3,500; wks. owned by Inglewood Water Co.

IONE, p. 1,058; f. area, 25 a. F. dept.—1 c. eng., 5 hose wag.; hose, cot., rub. lined, gd., 800 ft.; val. equip., \$300.

Water Supply—Src., lake, 30 m. bus. cent.; sys., dir. pres.; res. cap., 10,000 gals.; 40 hyd.; wks. owned by priv. Co.

JACKSON, p. 2,035; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,300 ft.; inf., 300 ft.; tot. hose, 1,600 ft.; f. al., elec., 10 bx.; val. equip., \$1,500; val. bldgs., \$600; tot. mem., 20 vol.

Water Supply—Src., canal; sys., grav.; mains, iron, 6 1-3 m., 5 to 11 in. dia.; 60 hyd.; 15 v.; pres., dom. 80 lbs. f. 80 lbs.; cost mtce., \$4,100; wks. owned by priv. Co.

JAMESTOWN, p. 1,000. F. dept.—2 hand hose car.; hose, 600 ft.; f. al., bell.

Water Supply—Src., Phoenix Lake; mains, 6 in. dia.; 15 hyd.

KENNETT, p. 2,100. F. dept.—2 hose carts; 1,200 ft. hose; bell alarm; trks.; vol.

Water Supply—Power, pipe.

KERN, p. 3,400; f. area, 6 a.; merc. bldgs., bk., 2 & 3 stor.; priv. bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. or combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 4 c. hand ex., 1 hose wag., 1 hose reel, 3 hrs.; hose, cot., rub. lined, 1,500 ft.; f. al., telp. sys.; val. equip., \$8,100; val. bldgs., \$4,500; exp. dept., \$3,000; tot. mem., 85, pd. full time 2, pd. part time 33; undrs. rating, fourth class.

Water Supply—Not reported.

LA JOLA, p. 1,000. F. dept.—1 c. eng., 1 auto.

c. eng., 1 hose cart; 2 mem. pd. full time & vol.

Water Supply—Src., mountain, 50 m. bus. cent.; res. cap., 1,000,000 gals.; mains, c. i., 28 m., 2 to 8 in. dia.; 250 v.; 300 serv.; pipe, c. & wrt. i.; pres., dom. 45 lbs. f. 85 lbs.

LAKEPORT, F. dept. not reported.

Water Supply—Src., wells, 2 ½ m. bus. cent.; sys., grav. & pump to res.; res. cap., \$95,000 gals.; 1 pump. eng., cap. day, 434,000 gals.; mains, 8 m., 2 to 10 in. dia.; 5 hyd.; 12 v.; met., 85; pres., dom. 60 to 95 lbs. f. 95 lbs.; cons. day, 95,000 gals.; cost, \$15,000; cost mtce., \$2,800; wks. owned by city.

LEMOORE, p. 1,000. F. dept.—2 hose reels, 1,000 ft. hose; bell alarm; vol.

Water Supply—Src., wells, in bus. cent.; sys., pump. to res.; res. cap., 125,000 gals.; 2 pump. eng.; cap. day, 750,000 gals.; mains, 8 m., 3 to 8 in. dia.; 34 hyd.; 300 met.; 250 serv.; pipe, galv. & c. i.; pres., dom. 35 lbs. f. 100 lbs.; cons. day, 216,000 gals.; cost, \$60,000; cost mtce., \$3,294; wks. owned by city.

LINCOLN, p. 1,402. F. dept.—2 hose reels, 1,000 ft. hose; vol.

Water Supply—Mountain strms.

LINDSAY, p. 1,814; merc. bldgs., bk., 1 & 2 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 28 vol.

Water Supply—Not reported.

LIVERMORE, p. 2,030; merc. bldgs., wd. & bk., 1 to 3 stor.; priv. wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 c. eng., 2 comb. c. & h. wag.; 15 c. hand ex., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 600 ft.; inf., 200 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$4,800; exp. dept., \$1,000; tot. mem., 50; undrs. rating, third class.

Water Supply—Src., spr., 6 m. bus. cent.; sys., grav.; res. cap., 780,000 gals.; pump. eng., cap. day 600,000 gals.; mains, 18 m., 2 to 11 in. dia.; 45 hyd.; 20 v.; 100 met.; 500 serv.; pres., dom. 46 lbs. f. 65 lbs.; cost, \$92,000; cost mtce., \$5,000; wks. owned by Co.

LODI, p. 2,697; f. area, 160 a.; merc. bldgs., bk., 1 & 2 stor.; priv. bk., 1 & 2 stor. F. dept.—1 auto. comb. c. & h. wag., 3 hose car., 1 hr.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 600 ft.; tot. hose, 2,600 ft.; f. al., Gamewell; val. equip., \$11,750; val. bldgs., \$1,700; tot. mem., 27, pd. full time 1, part time 3; vol. 23.

Water Supply—Src., 4 wells, 1-5 m. bus. cent.; sys., pump to res. stdp.; stdp. cap., 100,000 gals.; 4 pump. eng.; cap. day, 3,744,000 gals.; mains, 16 m., 2 to 10 in. dia.; 82 hyd.; 45 v.; 700 serv.; pres., dom. 50 lbs., f. 80 lbs.; cost, \$180,000; wks. owned by Co.

LOMPOC, p. 1,482; f. area, 230 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv. wd., 1 1/2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 32, pd. full time 29, vol. 8.

Water Supply—Src., spr., 5 m. bus. cent.; sys., grav.; res. cap. 1,000,000 gals., loc. 2 m. cent. of city; mains, stl., 14 m., 4 to 8 in. dia.; 29 hyd.; 36 v.; met., 5; 850 serv.; pipe, galv. i.; pres., dom. & f., 100 lbs.; cons. day, 200,000 gals.; cost, \$40,000; cost mtce., \$500; wks. owned by city.

LONG BEACH, p. 17,809; f. area, 4,000 a.; merc. bldgs., bk., 1 to 8 stor.; priv. wd., 1 to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 trk. equipped with tractor, 1 gasoline pump. eng. with hose, turret & cellar nozzles, &c.; 1 comb. h. & c. wag., 1 comb. c. chief's auto., 2 comb. h. & c. autos., 6 c. hand ex.; hose, cot., rub. lined, gd., 5,750 ft.; c., 750 ft.; tot. hose, 6,500 ft.; f. al., Gamewell & telp., 28 bx.; val. equip., \$68,950; val. bldgs., \$71,500; exp. dept., \$33,720; tot. mem., 29, pd. full time 22, vol. 7.

Water Supply—Src., artesian wells; sys., grav. & pump to res.; res. cap., 2,750,000 gals.; mains, 90 m., 2 to 24 in. dia.; 12 hyd.; 8 v.; pres., dom. 20 to 65 lbs.; wks. owned by Co.

LOS ANGELES, p. 319,198; f. area, 43 a.; merc. bldgs., bk. & stn., 1 to 12 stor.; priv. wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—27 str., 2 f. boats, 29 comb. c. & h. wag., 1 auto. tractor, 1 auto. aer. trk., 1 auto. h. & l. trk., 9 auto. comb. c. & h. wag., 7 auto. pump. eng., 44 c. hand ex., 4 h. & l. trk., 1 aer. trk., 2 hose wag., 6 hose car., 6 supply wag., 1 chief's auto., 133 hrs.; hose, cot., rub. lined, gd., 36,050 ft.; f. al., Gamewell, 418 bx.; val. equip., \$241,000; val. bldgs., \$438,881; exp. dept., \$362,969.33; tot. mem., 233, pd. full time.

Water Supply—Src., Los Angeles riv., 9 m. bus. cent.; sys., grav. & pump to res.; res. comb. cap., 943,521,000 gals.; 11 pump. eng., class cross comp., cap. day 36,640,000 gals.; mains, c. i., 639.86 m., 4 to 36 in. dia.; 2,907 hyd.; 3,066 v.; met., 26,542; 59,463 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 80 lbs.; cons. day 35,000,000 gals.; cost, \$5,500,000; cost mtce., \$201,107.35; wks. owned by city.

LOS GATOS, p. 2,232; f. area, 200 a.; merc. bldgs., bk., 1 & 2 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, canvas, 1,500 ft.; rub., 350 ft.; tot. hose, 1,850 ft.; f. al., bell, 7 bx.; val. equip., \$1,100; tot. mem., 25 vol.

Water Supply—Src., spr. & wells; sys., grav.; res. cap., 5,250,000 gals.; pump. eng., cap. day 250,000 gals.; mains, 8 & 3 in. dia.; 47 hyd.; met., 50; pres., dom. 100 lbs., f. 120 lbs.; cons. day 250,000 gals.; cost, \$77,476; wks. owned by Co.

LOYALTON, p. 983; f. area, 160 a.; merc. bldgs., wd., 2 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 900 ft.; f. al., elec., 8 bx.; val. equip., \$2,000; tot. mem., 20 vol.

MADERA, p. 2,404. F. dept.—2 hose carts, 1 h. & l. trk., 1 c. ex., 300 ft. hose; annunciator al. sys., 6 bx.; 36 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., dir. pres.; stdp. cap., 80,000 gals.; res. cap., 80,000 gals.; 4 pump. eng., combined cap. day, 3,960,000 gals.; mains, 8 m., 2 to 10 in. dia.; 45 hyd.; 13 v.; 850 serv.; pres., dom. 45 to 57 lbs., f. 57 to 110 lbs.; cost, \$65,000; cost mtce., \$6,000; wks. owned by city.

MARICOPA, F. dept.—3 c. eng.; cost equip., \$1,400.

Water Supply—Not reported.

MARTINEZ, Contra Costa Co., p. 2,115; merc. bldgs., stn., bk. & wd., 2 stor.; priv. wd.,

1 1/2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 c. eng. on wls., 6 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 150 ft.; tot. hose, 1,350 ft.; f. al., bell; val. equip., \$2,375; val. bldgs., \$8,000; tot. mem., 55 vol.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 10,000,000 gals.; pump. eng., cap. 3,000,000 gals.; mains, 40 m., 2 to 12 in. dia.; 22 hyd.; met., 100; pres., dom. 45 lbs., f. 45 lbs.; cons. day 100,000 gals.; cost, \$20,000; cost mtce., \$2,500; wks. owned by Co.

MARYSVILLE, p. 5,430. F. dept.—2 str., 1 comb. c. & h. wag., 1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 950 ft.; tot. hose, 3,950 ft.; tot. mem., 16, pd. full time 4, pd. part time 12.

Water Supply—Src., wells, in bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 200,000 gals.; 2 pump. eng., cap. day, 16,800,000 gals.; mains, 14 m., 3 to 12 in. dia.; 358 v.; 19 hyd.; met., 36; 1,115 serv.; pipe, wrt. i.; pres., dom. & f. 30 lbs.; cons. day, 930,000 gals.; cost, \$250,000; cost mtce., \$20,000; wks. owned by private Co.

MAYFIELD, p. 1,041; merc. bldgs., bk. & wd., 1 & 2 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,100; val. bldgs., \$2,000; tot. mem., 35 vol.

Water Supply—Src., wells; res. cap., 110,000 gals.; 1 pump. eng., class centrif., cap. day 504,000 gals.

McCLOUD, p. 2,000; merc. bldgs., wd., 1 & 2 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 str., 19 c. hand ex., 12 hose reels; hose, cot., rub. lined, gd., 17,950 ft.; f. al., Gamewell, 18 bx.; val. equip., \$4,725; tot. mem., 102 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., pump. dir.; 8 pump. eng.; cap. day, 2,160,000 gals.; mains, 8 m., 8 to 16 in. dia.; 299 hyd.; pipe, wd. & i.; pres., dom. 110 lbs., f. 200 to 250 lbs.; wks. owned by Co.

MENDOCINO, p. 1,000; f. area, 64 a.; merc. bldgs., wd., 1 & 2 stor.; priv. wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 c. hand ex., 1 hose cart; hose, cot., rub. lined, gd., 350 ft.; rub., gd., 150 ft.; inf., 100 ft.; tot. hose, 600 ft.; f. al., bell; val. equip., \$1,400; val. bldgs., \$500; exp. dept., \$200; tot. mem., 50 vol.

Water Supply—Src., wells & cisterns; sys., pump to res.; tk. cap., 250,000 gals.; cost, \$75,000.

MENLO PARK, p. 1,000; f. area, 400 a.; merc. bldgs., bk. & wd., 1 stor.; priv. wd., 1 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag.; hose, cot., 750 ft., good, 500 ft.; tot. hose, 1,250 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$300; tot. mem., 30 vol.

Water Supply—Src., surface water; sys., grav.; res. cap., 125,000,000 gals.; mains, 40 m., 3 to 20 in. dia.; met., 180; pres., dom. 70 lbs., f. 85 lbs.; cost, \$400,000.

MERCED, p. 3,102; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv. bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 500 ft.; cot., gd., 1,500 ft.; tot. hose, 2,000 ft.; 1 comb. hose wag., 4 hrs.; f. al., bell; tot. mem., 28, 25 vol., 3 pd. men.

Water Supply—Src., riv., 18 m. bus. cent.; sys., pump to res.; res. cap., 3,000,000 gals.; 2 pump. eng., cap., 4,464,000 gals. day; mains, c. i., 13 m., 6 to 16 in. dia.; 71 hyd.; 42 v.; 40 met.; 800 serv.; pipe, lead; pres., dom. 25 to 40 lbs., f. 45 to 80 lbs.; cons. day, 600,000 gals.; cost, \$500,000; cost mtce., \$10,000; wks. owned by private Co.

MILL VALLEY, p. 2,551. F. dept.—2 c. hand ex., 1 c. eng., 1 hose wag., 5 hose reels, 2 hrs., 2,500 ft. hose; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$2,000; tot. mem., 35, pd. full time 1, pd. part time 10, vol. 24.

Water Supply—Src., creek, dam, cap., 1,500,000

gals.; res. cap., 75,000 gals.; mains, 4, 3, 2 in. dia.; pres., dom. 60 to 70 lbs., f. 105 to 135 lbs.

MODESTO, p. 4,034; f. area, 6 blocks; merc. bldgs., bk. & stn., 8 to 6 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 5,600 ft.; f. al., Gamewell, 21 bx.; val. equip., \$10,625; val. bldgs., \$30,000; exp. dept., \$5,400; tot. mem., 25, pd. full time 5, pd. part time 20.

Water Supply—Src., 10 wells; sys., pump dir. & to stdp.; stdp. cap., 260,000 gals.; 5 pump. eng., cap. day 5,760,000 gals.; mains, 8 m., 2 to 12 in. dia.; 150 hyd.; 8 v.; 1,000 serv.; pres., f. 120 lbs.; cost, \$150,000; cost mtce., \$8,457; wks. owned by city.

MOKELUMNE HILL, p. 700. F. dept.—1 hose cart, 500 ft. hose, vol.

Water Supply—Riv.

MONROVIA, p. 3,576; f. area, 6 blocks; merc. bldgs., stn., conc. & bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. auto. trk., 1 hose reel; hose, cot., rub. lined, gd., 1,300 ft.; 6 hand c., 2 c. carts; tot. mem., 20 vol.

Water Supply—Src., mountain; sys., grav.; res. cap., 8,000,000 gals.; mains, cem. & iron, 58 m., 2 to 24 in. dia.; 129 hyd.; pres., dom. 25 to 150 lbs., f. 75 to 200 lbs.; cost, \$110,000; cost mtce., \$7,000; wks. owned by city.

MONTREY, Monterey Co., p. 4,923; bldgs., wd., 1 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.; val. bldgs., \$13,800; tot. mem., 100 vol.

Water Supply—Src., riv., 26 m. bus. cent.; sys., grav.; res. cap., 145,000,000 gals., loc. 2½ m. city; mains, stl. & c. i., 39 m., 12 to 22 in. dia.; 60 hyd.; 400 v.; met., 2,800; 3,200 serv.; pipe, galv. i.; pressure, dom. 80 lbs., f. 110 lbs.; cost, \$1,300,000; wks. owned by Co.

MORGAN HILL, p. 607. F. dept.—1 hose cart, 500 ft. hose, vol.

Water Supply—Wells.

MOUNTAIN VIEW, p. 1,161. F. dept.—1 h. & l. trk., 2 hose car.; hose, 1,200 ft.; f. al., bell; tot. mem., 45 vol.

Water Supply—Src., wells; stdp. cap., 100,000 gals.; 1 pump. eng., class dup., cap. day 892,500 gals.; mains, 8, 6, 4, 3 in. dia.; 37 hyd.; pres., dom. 45 lbs., f. 100 lbs.

NAPA CITY, p. 5,791; f. area, 896 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 No. 3 Nott stn. eng., 1 comb. hose wag. & c. eng. auto., 1 hand eng., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 5 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 500 ft.; tot. hose, 4,000 ft.; f. al., bell, 20 bx.; val. equip., \$15,000; val. bldgs., \$10,000; exp. dept., \$7,000; tot. mem., 40, 5 pd., 6 call men, 29 vol.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 6,000,000 gals.; stdp. cap., 367,200 gals.; pump. eng., cap. day 2,500,000 gals.; mains, 26 m., 2 to 14 in. dia.; 54 hyd.; met., 200; 1,684 serv.; pres., dom. 20 to 40 lbs., f. 90 lbs.; cons. day, 1,500,000 gals.; cost, \$240,345; cost mtce., \$23,000; wks. owned by Co.

NATIONAL CITY, p. 1,738; f. area 2½ m.; merc. bldgs., conc. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 2 hose reels, 1 auto comb. c. & h. trk., 2,000 ft. cot., rub. lined, hose, inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., Gamewell, 1 bx.; val. equip., \$10,000; val. bldgs., \$6,000; exp. dept., \$1,800; tot. mem., 30; pd. full time 1, pd. part time 1, vol. 28.

Water Supply—Src., riv., 7 m. bus. cent.; sys., grav.; res. cap., 11,800,000 gals.; mains, wrt. & c. i., 74 m., 4 to 36 in. dia.; 74 hyd.; met., 486; 280 v.; 1,950 serv.; pipe, wrt. l.; pres., dom. & f. 20 to 105 lbs.; cost mtce., \$62,000; wks. owned by private Co.

NEEDLES, p. 3,000; f. area, 800 a. F. dept.—8 hand hose carts, 1 hand c. cart; val. equip., \$1,200; val. bldgs., \$1,800; exp. dept., \$1,000; tot. mem., 20 vol.; undr. rating, second class.

Water Supply—Src., Colo. River, 1 m. bus. cent.; sys., pump; 2 pump. eng.; cap. day, 2,000,000 gals.; 70 hyd.; 80 serv.; pres., dom. 70 lbs., f. 110 lbs.; wks. owned by private Co.

NEVADA CITY, p. 2,689; f. area, 1 sq. m.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—18 c. hand ex., 4 hose carts, 3 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., Gamewell, 12 bx.; val. bldgs., \$3,900; exp. dept., \$1,750; tot. mem., 110 vol.

Water Supply—Sys., grav.; res. cap., 3,900,000 gals., loc. north & south city; mains, c. i., 12 m., 4 to 20 in. dia.; 98 hyd.; 40 v.; 800 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 100 lbs.; cost, \$60,000; cost mtce., \$1,500; wks. owned by city.

NEW CASTLE, p. 800. F. dept.—2 hose carts, 800 ft. hose, bell al.; vol.

Water Supply—Riv.

OAKDALE, p. 1,035; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 1 c. eng. on wls., 4 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 800 ft.; exp. dept., \$160; tot. mem., 40 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 200,000 gals.; pump. eng., cap. day 240,000 gals.; mains, 8 m., 6 in. dia.; 10 hyd.; 1,000 serv.; pres., dom. 20 to 50 lbs., f. 80 lbs.; cost, \$10,000; cost mtce., \$2,500.

OAKLAND, p. 150,174; f. area, 300 a.; merc. bldgs., stn. & bk., 1 to 11 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—15 stn. eng. (4 in reserve), 5 auto. h. & c. wag., 2 auto. pump. eng., 2 c. eng., 45 c. hand ex., 3 comb. h. & l. trks., 2 h. & l. trks., 7 comb. c. & h. wag., 6 hose wag., 5 hose reels, 80 hrs.; hose, cot., rub. lined, gd., 31,000 ft.; f. al., Gamewell, 216 bx.; val. equip., \$300,000; val. bldgs., \$250,000; tot. mem., 265, pd. full time 154, pd. part time 111.

Water Supply—Src., wells & Lake San Leandro; sys., grav., pump dir.; res. cap., 6,300,000,000 gals.; 9 pump. eng., class horizontal comp. dup., cap. day 28,750,000 gals.; mains, c. & sheet l., 6 & 4 in. dia.; 1,133 hyd.; met., 1,798; 15,700 serv.; 1,915 v.; pres., dom. & f. 40 to 80 lbs.; cost, \$4,520,000; cost mtce., \$100,000; wks. owned by Co.

OCEAN PARK, p. 3,119. F. dept.—2 auto. comb. c. & h. wag., 4 c. hand ex.; hose, cot., rub. lined, gd., 4,000 ft.; rub. gd., 350 ft.; inf., 500 ft.; tot. hose, 4,850 ft.; f. al., Gamewell & telp., 23 bx.; val. equip., \$12,000; val. bldgs., \$11,000; exp. dept., \$4,500; tot. mem., 19; pd. full time 2, pd. part time 1, vol. 16; undr. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., salt water; res. cap., 1,250,000 gals.; 2 pump. eng., combined cap. hour 90,000 gals.; mains, 4 to 8 in. dia.; pres., dom. 75 to 100 lbs., f. 150 to 200 lbs.

ONTARIO, p. 4,274. F. dept.—1 auto. comb. c. & h. wag., 2 c. hand ex., 1 hose reel, 1 h. & l. trk., 2,100 ft. hose; f. al., Gamewell; val. equip., \$4,500; val. bldgs., \$1,500; tot. mem., 30; pd. full time 2, vol. 28.

Water Supply—Src., strm. & wells; sys., grav.; stdp. cap., 26,000 gals.; res. cap., 275,000 gals.; mains, 4 to 6 in. dia.; 35 hyd.; pres., dom. 40 to 82 lbs., f. 90 lbs.

ORANGE, p. 2,920. F. dept.—Not reported.

Water Supply—Src., 3 wells, ½ m. bus. cent.; sys., grav. & dir.; 2 tk. cap., 100,000 gals.; dim. 22 x 22 ft.; res. cap., 600,000 gals.; 3 pump. eng., cap. day, 3,500,000 gals.; mains, c. i. & stl., 15 m., 2 to 14 in. dia.; 95 hyd.; 50 v.; 873 met.; 1,060 serv.; pipe, c. l.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 400,000 gals.; cost, \$115,000; cost mtce., \$3,000; wks. owned by city.

OROVILLE, p. 3,859; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 2,600 ft.; tot. hose, 3,400 ft.; f. al., bell & elec., 26 bx.; val. equip., \$8,000; val. bldgs., \$4,000; exp. dept., \$1,000; tot. mem., 60 vol.

Water Supply—Src., riv.; sys., grav.; res. cap., 35,000,000 gals.; mains, 15 m., 2 to 26 in. dia.;

45 hyd.; 40 v.; met., 1; 500 serv.; pres., dom. 70 lbs., f. 70 lbs.; cost, \$300,000; cost mtce., \$6,000; wks. owned by priv. Co.

OXNARD, p. 2,555. F. dept.—1 comb. c. & h. wag., 4 c. hand ex., 1 h. & l. trk., 8 hose reels, 1,250 ft. hose; f. al., telp., bell & wh.; exp. dept., \$750; tot. mem., 25, pd. part time 11, vol. 14.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., dir. pres.; stdp. cap., 150,000 gals.; res. cap., 150,000 gals.; 2 pump. eng., combined cap. day, 3,600,000 gals.; mains, $8\frac{1}{2}$ m., 4 to 14 in. dia.; 85 hyd.; 3 met.; 700 serv.; pres., dom. 35 to 43 lbs., f. 108 lbs.; cost, \$110,000; wks. owned by Oxnard Municipal Water Dept.

PACIFIC GROVE, p. 2,384; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 stor. F. dept.—1 auto. comb. c. hose & ladder wag., 1 h. & l. trk., 8 c. hand ex., 1 hose wag., 3 hose carts; hose, cot., rub. lined, gd., 1,950 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$15,000; exp. dept., \$300; tot. mem., 43 vol.

Water Supply—Src., riv. 26 m. bus. cent.; sys., grav.; res. cap., 145,000,000 gals.; loc. $2\frac{1}{2}$ m. city; mains, stl. & c. l., 26 m., 12 to 20 in. dia.; hyd.; 800 v.; met., 60; 1,800 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 110 lbs.; cost, \$100,000; wks. owned by Co.

PALO ALTO, p. 4,486; f. area, 60 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 8 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; exp. dept., \$500; tot. mem., 45 vol.; undra. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res. & dir.; stdp. cap., 155,000 gals.; res. cap., 200,000 gals.; 4 pump. eng., cap., 1,500,000 gals. day; mains, 20 m., 2 to 12 in. dia.; 117 v.; 100 hyd.; met., 1,800; 1,300 serv.; pres., dom. 40 lbs., f. 80 to 90 lbs.; cons. day, 500,000 gals.; cost, \$146,970; wks. owned by city.

PASADENA, p. 30,291; f. area, 7,000 a.; merc. bldgs., stn. & bk., 1 to 6 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. c. eng., 1 auto. comb. c. & h. wag., 1 auto. pump. eng., 4 c. eng. on wls., 3 stn. eng., 16 c. hand ex., 3 hose wag., 27 hrs.; hose, 9,000 ft.; f. al., Gamewell, 25 bx.; val. equip., \$68,500; val. bldgs., \$67,000; exp. dept., \$5,612; tot. mem., 46, pd. full time 85, call men 11.

Water Supply—Src., spr. & wells, 1, $2\frac{1}{4}$ & 6 m. bus. cent.; sys., grav. & pump to res.; 7 res. cap., 56,000,000 gals.; 6 pump. eng., cap. day, 9,000,000 gals.; mains, c. l. & sheet stl., 165 m., 2 to 30 in. dia.; 650 hyd.; 450 v.; met., 9,000; 10,000 serv.; pipe, wrt. & galv. i.; pres., dom. 10 to 60 lbs., f. 10 to 60 lbs.; cons. capita, 128 gals.; cost, \$1,250,000; wks. owned by city.

PASO ROBLES, p. 1,441; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; exp. dept., \$400; tot. mem., 36, pd. part time; undra. rating, third class.

Water Supply—Src., pumps, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day, 1,750,000 gals.; mains, wrt. i., 9 m., $\frac{3}{4}$ to 8 in. dia.; 15 hyd.; met., 30; wks. owned by Co.

PETALUMA, p. 5,880; f. area, 30 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 auto. c. & h. wag., 1 hose wag., 4 c. hand ex., 6 hose car.; hose, cot., rub. lined, gd., 4,250 ft.; f. al., Gamewell, 17 bx., 84 telp. bx.; val. equip., \$22,000; val. bldgs., \$8,000; exp. dept., \$1,500; tot. mem., 127, pd. full time 7, 120 vol.

Water Supply—Src., mountain strm.; sys., grav.; res. cap., 85,000,000 gals.; mains, 35 m., 4 to 10 in. dia.; 75 hyd.; 60 v.; met., 280; pres., f. 60 to 65 lbs.; cost, \$868,000; cost mtce., \$9,000; wks. owned by Co.

PIEDMONT, p. 3,000; f. area, 700 a. F. dept.—1 auto. comb. trk., 1 auto. comb. c. eng. & chief's car; val. equip., \$10,000; val. bldgs., \$20,000; exp. dept., \$12,000; tot. mem., 6, pd. part time.

Water Supply—Same as Oakland.

PINOLE, p. 1,000; f. area, 50 a. F. dept.—2

hose carts, ladders, axes, &c.; 1,100 ft. hose; val. bldgs., \$500.

Water Supply—Src., res.; 2 res. cap. 18,000,000 gals.; pres., dom. 180 lbs.; wks. owned by priv. Co.

PITTSBURG, F. dept.—Not reported.

Water Supply—Src., river, 1,000 ft. bus. cent.; sys., grav., stdp. cap., 100,000 gals.; dim., 18 x 32; res. cap., 133,000 gals.; 4 pump. eng., cap. day, 2,000,000 gals.; mains, wd. & l., 6 m., $2\frac{1}{2}$ to 6 in. dia.; 33 hyd.; 50 v.; 25 met.; 500 serv.; pipe, galv. i.; pres., dom. 25 lbs., f. 50 lbs.; cons. day, 250,000 gals.; cost, \$45,000; cost mtce., \$5,500; wks. owned by private Co.

PLACERVILLE, p. 1,914; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hand eng., 5 hose carts; hose, cot., rub. lined, gd., 1,750 ft.; f. al., bell; tot. mem., 65 vol.

Water Supply—Src., spr. & cisterns; sys., grav.; res. cap., 500,000 gals.; mains, $3\frac{1}{2}$ m., 7 in. dia.; 18 hyd.; pres., f. 47 to 150 lbs.

PLEASANTON, p. 1,254; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—15 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,750 val. bldgs., \$1,000; exp. dept., \$76; tot. mem., 42 vol.; undra. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 450,000 gals., loc. 183 ft. elevation above town; 1 28-hp. pump, cap. min., 500 gals.; 1 50-hp. elec. motor; 3 stdp., cap. day, 864,000 gals.; pumps directly into mains; mains, c. l., $5\frac{1}{2}$ m., 10 to 2 in. dia.; 98 hyd.; met., 200; 400 serv.; pipe, c. l.; pres., dom. $57\frac{1}{2}$ lbs., f. 110 lbs.; cons. capita, 85 gals.; cost mtce., \$3,000; wks. owned by city.

PLYMOUTH, p. 600. F. dept.—1 hose cart, 500 ft. hose; bell al.; vol.

Water Supply—Mountain lake.

POINT RICHMOND, p. 20,000. F. dept.—2 comb. auto. trk., c. hose & ladders; val. equip., \$24,000; val. bldgs., \$21,500; exp. dept., \$6,800; tot. mem., 125; pd. full time 2, vol. 123; undra. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 110 hyd.; pres., dom. 65 to 95 lbs.; wks. owned by private Co.

POMONA, p. 10,207. F. dept.—1 c. eng., 1 comb. h. & l. trk., 1 auto. comb. c. & h. trk., 3 hose car.; hose, cot., rub. lined, 1,950 ft.; f. al., Gamewell; tot. mem. 50, pd. 2, vol. 28.

Water Supply—Src., 5 wells, $4\frac{1}{2}$ m. bus. cent.; sys., grav., pump to res., mat. cem.; cap. res., 1,000,000 gals.; res. loc. $1\frac{1}{2}$ m. north bus. cent.; eng., class centrif., cap. day, 6,000,000 gals.; mains, 80 m., 2 to 24 in. dia.; 180 hyd.; met., 1,850; 3,400 serv.; pres., dom. 50 lbs., f. 50 lbs.; cost, \$500,000; wks. owned by Co.

PORTERVILLE, p. 2,696; f. area, 400 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. c. eng., 6 c. hand ex., 1 auto. hose wag., 1 hand c. eng.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 150 ft.; tot. hose, 2,650 ft.; f. al., Gamewell, 14 bx.; val. equip., \$15,000; val. bldgs., \$5,000; exp. dept., \$3,000; tot. mem., 26 vol.; undra. rating, third class.

Water Supply—Src., wells; sys., pump dir.; res. cap., 100,000 gals.; pump. eng., cap. day, 720,000 gals.; mains, $2\frac{1}{2}$ m., 6 in. dia.; 30 hyd.; pres., dom. 40 lbs., f. 70 lbs.; cost, \$60,000; cost mtce., \$6,000; wks. owned by Co.

RED BLUFF, p. 3,530; f. area, 700 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 new gasoline eng., 4 c. hand ex., 1 h. & l. trk., 4 hose car., 6 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell, 24 bx.; val. equip., \$11,000; val. bldgs., \$15,000; tot. mem., 50, pd. full time 3, vol. 47.

Water Supply—Src., creek, 10 m. bus. cent.; sys., grav., 800,000 gals. a day, & pump to stdp.; stdp. cap., 200,000 gals.; pump. eng., cap. day, 800,000 gals.; mains, sheet i., 18 m.; 834 serv.; pres., dom. 27 lbs., f. 27 lbs.; cost, \$150,000; cost mtce., \$6,000; wks. owned by Co.

REDDING, p. 3,572; f. area, 28 a.; bldgs., bk., 1 & 4 stor.; wd. ris. not perm. F. dept.—1 auto. comb. c. & h. eng. equip. with 1,500 ft. hose, 1 70-gal. c. eng., 6 c. hand ex., 1 h. & l. trk., 45 ft. ext., 4 hose car.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., Gamewell, 18 bx.; val. equip., \$12,000; val. bldgs., \$1,500; exp. dept., \$1,500; tot. mem., 65 vol.

Water Supply—Src., riv., in bus. cent.; sys., pump dir.; res. cap., 350,000 gals.; pump. eng., cap. day 1,600,000 gals.; mains, 8½ m., 2 to 12 in. dia.; 25 hyd.; met., 200; pres., dom. 50 lbs., f. 50 lbs.; cost, \$62,000; cost mtce., \$4,500; wks. owned by Co.

REDLANDS, p. 10,449; f. area, 15 blocks; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 3 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 10 c. hand ex., 1 comb. auto. c. & h. wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, 3,700 ft.; f. al., bell; val. equip., \$10,500; val. bldgs., \$5,500; exp. dept., \$3,000; tot. mem., 17, paid full time 2, vol. 15.

Water Supply—Src., 3 wells, 30 m. bus. cent.; sys., grav.; res. cap., 6,000,000 gals., loc. in city; mains, stl., 40 m., 8 & 6 in. dia.; 47 hyd.; 1,900 serv.; pipe, iron; pres., dom. 40 to 50 lbs., f. 80 to 100 lbs.; cost, \$320,000; cost mtce., \$13,000; wks. owned by Co.

REDONDO BEACH, p. 3,000; f. area, 1,000 a.; F. dept.—1 auto. c. wag., 2 hose carts; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$1,250; tot. mem., 27 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; 2 pump. eng.; 151 hyd.; wks. owned by priv. Co.

REDWOOD, p. 2,442; f. area, 600 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 5 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 600 ft.; tot. hose, 2,600 ft.; f. al., Gamewell & wh., 21 bx.; val. equip., \$9,000; val. bldgs., \$3,100; exp. dept., \$100; tot. mem., 96, vol.; undrs. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump res.; res. cap., 600,000 gals.; 2 pump. eng.; class, centrif., cap. day, 500,000 gals.; mains, 40 m., 2 to 10 in. dia.; 148 hyd.; 50 v.; 600 serv.; pipe, iron; pres., dom. 80 lbs., f. 80 to 200 lbs.; cons. day, 300,000 gals.; cost, \$90,000; wks. owned by city.

REEDLEY, p. 3,000; f. area, 40 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 3 hose carts; hose, cot., rub. lined, gd., 1,050 ft.; f. al., bell & wh., 21 bx.; val. equip., \$1,260; val. bldgs., \$2,200; tot. mem., 30 vol.

Water Supply—Src., wells, 1 block bus. cent.; sys., pump, to stdp.; stdp. cap., 60,000 gals.; mat., wd. & galv. i.; 3 pump. eng., combined cap. day, 696,000 gals.; mains, 10 m., 2 to 6 in. dia.; mat., iron; 69 hyd.; 21 v.; met., 28; pres., dom. 25 lbs., f. 90 lbs.; cons. day, 160,000 gals.; cost \$21,876; cost mtce., \$6,000; wks. owned by individual.

RIALTO, F. Dept.—Not reported.

Water Supply—Src., creek, 12 m. bus. cent.; sys., grav.; res. cap., 250,000 gals.; dim. 55 x 55 x 10, mat. cem. & conc.; mains, 8 m., 2 to 12 in. dia., mat. c. & wrt. i.; 40 hyd.; 290 serv.; pipe, wrt. i.; pres., dom. 48 lbs., f. 50 lbs.; cons. day 350,000 gals.; wks. owned by Co.

RICHMOND, p. 9,500; f. area, 6,400 a. F. dept.—1 comb. c. & h. wag., 2 comb. auto. trk. & c. eng., 1 hose wag., 2 hrs.; hose, 6,000 ft.; f. al., bell; val. equip., \$20,000; val. bldgs., \$18,000; exp. dept., \$7,000; tot. mem., 85, pd. part time.

Water Supply—Src., wells, 4 stdps., combined cap. 425,000 gals.; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day 353,320 gals. together; mains, 10 m., 3, 4, 6 in. dia.; 61 hyd.; pres., f. 83 lbs.

RIO VISTA, p. 884; f. area, 160 a.; merc. bldgs., wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; tot. mem., 40, vol.; undrs. rating, third class.

Water Supply—Not reported.

RIVERSIDE, Riverside Co., p. 15,212; merc.

bldgs., bk., 1 to 4 stor.; priv., wd., 1 to 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 auto. comb. c. & h. wag. equip. with 40 & 80 gal. c. tk., 4,400 ft. hose, 1 h. & l. trk., 1 stm. eng., 10 c. hand ex., 1 supply wag., 2 hose reels, 6 hrs.; hose, cot., rub. lined, gd., 5,700 ft.; inf., 2,000 ft.; tot. hose, 7,700 ft.; f. al., Gamewell, 28 bx.; val. equip., \$37,608; exp. dept., \$15,490; tot. mem., 29, pd. full time 9, pd. part time 20.

Water Supply—Src., wells, 8 m. bus. cent.; auxiliary plant, 1 m. bus. cent.; pumped to res. at an elevation 240 ft.; cap. of this res., 1,000,000 gals.; sys., grav.; res. cap., 50,000 gals., loc. at station; 1 dup. & 1 trip. pump operated by 1 50-hp. gas engs., combined cap. 675 gals. min.; mains, stl., 29 m., 8, 6, 4, 3 & 2 in. dia.; 199 hyd.; met., 316; 2,216 serv.; pipe, 1 in.; pres., dom. 40 lbs., f. 55 lbs.; cons., day 1,500,000 gals.; cost, \$269,896; cost mtce., \$20,543; wks. owned by Co.

ROCKLIN, Placer Co., p. 1,026. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 100 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$1,750; val. bldgs., \$1,000; tot. mem., 25 vol.

Water Supply—Src., riv.; sys., grav.; res. loc. 4 m. bus. cent.; mains, stl., 6½ m., 6 to 16 in. dia.; 30 hyd.; wks. owned by Co.

ROSEVILLE, p. 2,608. F. dept.—7 hose car.; hose, 2,600 ft.; f. al., wh.; val. equip., \$2,500; exp. dept., \$75; tot. mem., 32 vol.

Water Supply—Src., wells, res. cap., 7,000,000 gals.; mains, 3½ to 18 in. dia.; 51 hyd.; pres., f., 97 lbs.

SACRAMENTO, p. 44,696; f. area, 640 a.; merc. bldgs., bk. & stn., 1 to 6 stor.; priv., bk. & wd., 1 to 4 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 5 stm. eng., 10 c. hand ex., 1 aer. trk., 2 comb. c. & h. wag., 8 hose wag., 2 hose car., 26 hrs.; hose, cot., rub. lined, gd., 3,450 ft.; f. al., elec., 70 bx.; val. equip., \$50,000; val. bldgs., \$54,000; exp. dept., \$87,500; tot. mem., 68, pd. full time 35, pd. part time 33.

Water Supply—Src., riv.; sys., pump dir.; 3 pump. eng., cap. day 27,000,000 gals.; mains, 56 m., 4 to 24 in. dia.; 400 hyd.; pres., dom. 40 lbs., f. 60 lbs.; cost, \$566,000; cost mtce., \$40,000; wks. owned by city.

ST. HELENA, p. 1,608; f. area, 1,000 a.; merc. bldgs., wd., stn. & bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. ris. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 aer. trk., 2 hose car.; hose, cot., rub. lined, 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,300; exp. dept., \$400; tot. mem., 34 vol.; undrs. rating, third class.

Water Supply—Src., spr.; sys., grav.; 2 res., comb. cap. 160,000,000 gals.; mains, 5 m., 2 to 12 in. dia.; 40 hyd.; met., 237; 325 serv.; pres., f. 65 lbs.; cost, \$100,000; cost mtce., \$4,000; wks. owned by Co.

SALINAS, p. 3,736; f. area, 2,560 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. ris. not perm.; fwks. & comb. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 str., 2 c. hand ex., 1 h. & l. trk., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 2,000 ft.; tot. hose, 4,500 ft.; f. al., elec., 14 bx.; val. equip., \$12,000; val. bldgs., \$3,000; exp. dept., \$5,000; tot. mem., 24; 3 pd. mem., 21 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to tka. & dir.; res. loc. at station; 2 pump. eng., comb. cap. day 1,920,000 gals.; mains, c. i., 15 m., 2 to 14 in. dia.; 14 hyd.; 1,000 serv.; pipe, galv. i.; pres., dom. 30 lbs., f. 60 lbs.; wks. owned by Co.

SAN ANDREAS, p. 800. F. dept.—6 c. hand ex., 1 hand ladder cart; hose, cot., rub. lined, gd., 300 ft.; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$200; tot. mem., 50 vol.

Water Supply—Cisterns.

SAN ANSELMO, p. 2,000. F. dept.—1 comb. c. & hose wag., 2 c. hand ex., 2 hose carts, 2 hrs.; 2,700 ft. hose; f. al., Gamewell, 10 bx.; val. equip., \$3,500; val. bldgs., \$5,000; exp. dept., \$2,500; tot. mem., 100 vol.

Water Supply—Src., lake; sys., high pres.; 34 hyd.; pres., dom. 70 to 80 lbs., f. 70 to 80 lbs.; wks. owned by priv. Co.

SAN BERNARDINO, p. 12,779; f. area, 4,188 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. auto. c. & h. wag., 1 auto. h. & l. trk. with 500 ft. hose & 120 ft. ladders, 1 auto. hose wag. with 1,000 ft. hose, 2 c. hand ex., 2 hose reels, 10 nozzles; hose, cot., rub. lined, gd., 5,200 ft.; f. al., Gamewell, 45 bx.; val. equip., \$35,000; val. bldgs., \$18,000; exp. dept., \$17,000; tot. mem., 42, 7 pd. full time, 85 vol.

Water Supply—Src., strma., 7 wells, 1½ to 4 m. bus. cent.; res. cap., 1,350,000 gals.; sys., grav., pump dir., 2 res., cap. 2,750,000 gals.; res. loc. 3½ m. northwest city; pump. eng., class dup., cap. day 4,000,000 gals.; mains, stl. & c. l., 72 m., 4 to 20 in. dia.; 291 hyd.; 560 v.; 3,800 serv.; pipe, iron; pres., dom. 86 lbs., f. 94 lbs.; cons., day 4,000,000 gals.; cost, \$550,000; cost mtce., \$18,000; wks. owned by city.

SAN BRUNO, p. 10,000; f. area, 120 a. F. dept.—3 str., 2 comb. c. eng., 2 h. & l. trk., 3 hose carts; f. al., bell; val. equip., \$50,000; val. bldgs., \$3,000; exp. dept., \$10,000; tot. mem., 200 vol.; undrs. rating, first class.

Water Supply—Src., artesian well, 1 m. bus. cent.; sys., dir. pres.; 3 pump. eng., cap. day 3,000,000 gals.; 50 hyd.; 10 v.; 50 serv.; pres., dom. 60 lbs., f. 250 lbs.; cost, \$2,000,000; cost mtce., \$20,000; wks. owned by city.

SAN BUENA VENTURA, p. 3,500; f. area, 5 blocks; merc. bldgs., bk., 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. outside of f. area. F. dept.—1 h. & l. trk., 1 auto. f. eng. & comb. c. eng., 2 hose car.; hose, rub. gd., 1,200 ft.; cot., 1,200 ft.; tot. hose, 2,400 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$9,000; exp. dept., \$750; tot. mem., 17 vol.

Water Supply—Src., riv., sys., grav.; res. cap., 3,000,000 gals.; pump. eng., class dup., cap. day 360,000 gals.; mains, 20 m., 3 to 25 in. dia.; 50 hyd.; 26 v.; met., 30; 700 serv.; pres., f. 80 lbs.; cost, \$176,000; cost mtce., \$3,000; wks. owned by Co.

SAN DIEGO, p. 29,578; f. area, 48,500 a.; merc. bldgs., stn. & bk., 1 to 5 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. on wls., 4 str., 1 auto. str., 2 auto. pump. eng., 5 auto. comb. h. & c. wag., 17 c. hand ex., 1 auto. aer. trk., 2 comb. c. & h. wag., 3 hose wag., 20 hra.; hose, cot., rub. lined, gd., 30,000 ft.; f. al., Gamewell, 121 bx.; val. equip., \$22,500; val. bldgs., \$37,000; exp. dept., \$90,000; tot. mem., 71, pd. full time.

Water Supply—Src., lake, 40 m. bus. cent.; sys., grav. by flume, pump to res. & dir.; 5 res. comb. cap. 42,575,000,000 gals.; 8 pump. eng., 2 hor. cross comp. at main pump. station & 6 centrif. at auxiliary pump. plant; mains, c. & wrt. l., 124 m., 4 to 28 in. dia.; 737 hyd.; met., 10,282; 12,436 serv.; pres., dom. 40 to 65 lbs., f. 100 lbs.; cons., day 5,102,000 gals.; cost, \$3,700,000; cost mtce., \$154,000; wks. owned by Co.

SAN FERNANDO, p. 2,000; f. area, 1,400 a. F. dept.—2 hand c. eng., 4 c. hand ex., 1 h. & l. trk.; 300 ft. c. hose; 100 ft. inf. hose; tot. hose, 400 ft.; f. al., telp. & wh.; val. equip., \$1,000; val. bldgs., \$100; exp. dept., \$500; tot. mem., 20, pd. part time.

Water Supply—Src., wells & mountain strm.

SAN FRANCISCO, p. 416,912; f. area, 26,720 a.; report prior to conflagration of April, 1906; priv., wd., 2 stor.; f. limits; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. eng., 2 water towers, 53 str. eng., 2 f. boats, 3 comb. hose wag., 50 c. hand ex., 1 aer. trk., 10 h. & l. trk., 50 hose wag., 368 hra.; hose, cot., rub. lined, gd., 103,450 ft.; f. al., elec., 466 bx.; val. equip., \$500,000; val. bldgs., \$400,000; exp. dept., \$900,000; tot. mem., 722, pd. full time.

Water Supply—Src., mountain strm., lakes & wells, 6 to 60 m. bus. cent.; sys., grav.; pump. to 4 impounding, 11 distributing res.; 4 imp., res., cap. 32,273,000,000 gals.; 11 dist. res., cap. 59,000,000 gals.; 24 pump. eng., combined cap. day 120,400,000 gals.; mains, 436 m., 3 to 44 in. dia.; 4,392 hyd.; met., 19,700; 3,660 v.; 66,000 serv.; pipe, lead & galv. i.; pres., dom. & f., 40 to 140 lbs.; cons. day, 39,374,000 gals.; wks. owned by Co.

SAN GABRIEL, p. 1,500; no org. f. dept. **Water Supply**—Src., wells & springs, sys., grav.; 5 pump. eng.; wks. owned by private Co.

SAN JOSE, Santa Clara Co., p. 28,946; merc. bldgs., stn., bk. & wd., 1 to 7 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 2 comb. c. & h. wag., 1 c. eng., 11 c. hand ex., 1 h. & l. trk., 2 aer. trk.; 1 hose wag., 3 hose car., 24 hra.; hose, cot., rub. lined, gd., 12,000 ft.; f. al., Gamewell, 73 bx.; val. equip., \$35,000; val. bldgs., \$40,000; exp. dept., \$50,000; tot. mem., 64, pd. full time 31, pd. part time 28.

Water Supply—Src., strm., 20 m. bus. cent.; sys., grav.; res. cap., 400,000,000 gals.; loc., Santa Cruz mountains; 5 pump. eng., class horizontal centrif. & comp. dup., cap. day 13,000,000 gals.; mains, sheet l. & c. l., 136 m., 3 to 28 in. dia.; 876 hydrants; 758 v.; met., 3,000; 9,000 serv.; pipe, iron; pres., dom. 40 to 60 lbs.; cons., day 9,600,000 gals.; cost mtce., \$80,000, including taxes pd.; wks. owned by Co.

SAN JUAN, p. 326. F. dept.—1 hose cart, 500 ft. hose; bell al.; vol.

Water Supply—Spr.; sys., grav.; res. cap., 200,000 gals.; mains, 3 & 4 in. dia.; pres., dom. 35 to 50 lbs., f. 80 lbs.

SAN LEANDRO, p. 3,171. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf., 1,000 ft.; tot. hose, 2,500 ft.; tot. mem., 12, pd. full time.

Water Supply—Src., lake; sys., grav.; res. cap., 6,000,000,000 gals.; pres., dom. 45 lbs., f. 60 lbs.; cons., day 135,000 gals.; wks. owned by Co.

SAN LUIS OBISPO, p. 5,157; f. area, 250 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 str., 1 comb. c. & h. wag., 1 h. & l. trk., 3 hose car., 4 hra.; hose, cot., rub. lined, gd., 2,000 ft.; f. al. sys. in course of construction; val. equip., \$8,000; val. bldgs., \$6,000; exp. dept., \$2,000; tot. mem. 72, pd. full time 4, pd. part time 14, vol. 54; undrs. rating, second class.

Water Supply—Src., spr. & wells, 4 m. bus. cent.; sys., grav., pump to res. & dir.; res. cap., 9,000,000 gals., loc. 2 m. city; 2 pump. eng., class gas & single action; mains, c. l., 35 m., 4 to 14 in. dia.; 66 hyd.; 100 v.; 1,500 serv.; pipe, galv. i.; pres., f. 100 lbs.; cons., day 1,250,000 gals.; cost, \$200,000; cost mtce., \$5,000; wks. owned by city.

SAN MATEO, p. 4,384; f. area, 6¼ sq. m.; merc. bldgs., bk., conc. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 auto. comb. h. & c. wag., 2 c. hand ex., 1 c. eng. (small), 1 h. & l. trk., 1 comb. c. & h. wag., 3 hose car.; hose, cot., rub. lined, gd., 4,800 ft.; rub. gd., 1,200 ft.; inf., 350 ft.; tot. hose, 5,750 ft.; f. al., elec.; val. equip., \$11,000; val. bldgs., \$11,400; tot. mem., 135 vol.; undrs. rating, first class.

Water Supply—Src., Spring valley & pump dir.; sys., grav., pump to res. & dir.; res. cap., 3,000,000 gals., loc. 1 m. west city; 2 pump. eng., class trip. & horizontal; cap. day, 2,000,000 gals.; mains, 4 to 11 in. dia.; 59 hyd.; 1,000 serv.; pipe, ¾ in.; pres., f. 50 lbs.; wks. owned by Co.

SAN PEDRO, Los Angeles Co., p. 7,000; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 f. boats (rented) in harbor, 1 c. eng. on wls., 1 h. & l. trk., 24 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 7,000 ft.; f. al., bell, telp. & Gamewell, 24 bx.; val. equip., \$25,000; val. bldgs., \$1,000; exp. dept., \$10,000; tot. mem., 35, pd. full time 5, vol. 30.

Water Supply—Src., spr. & wells; sys., pump to res.; res. cap., 2,250,000 gals.; pump. eng., cap. day 5,760,000 gals.; mains, 6 m., 6 to 20 in. dia.; 75 hyd.; 75 v.; met., 450; pres., dom. 25 lbs., f. 40 lbs.; cost, \$100,000; cost mtce., \$900 month; wks. owned by Los Angeles City.

SAN RAFAEL, p. 5,934. F. dept.—2 h. & l. trk., 2 hose car., 3 hose carts, 1 hose wag., 2 hra.; hose, cot., rub. lined, gd., 4,200 ft.; tot. mem., 108 vol.; undrs. rating, first class.

Water Supply—Src., spr.; sys., grav.; res. cap., 140,000,000 gals.; mains, 45 m., 2 to 14 in. dia.; 82 hyd.; met., 360; 1,000 serv.; pres., dom. 80

lbs., f. 120 lbs.; cost, \$68,000; cost mtce., \$20,000; wks. owned by Co.

SANTA ANA, p. 8,429; f. area, 50 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. c. and h. wag., 6 c. hand ex., 2 hose reels, 3 hrs.; hose, cot., rub. lined, gd., 2,600 ft.; f. al., bell, wh. & elec., 28 bx.; tot. mem. 32, pd. full time 2, vol. 30.

Water Supply—Src., 6 wells, $\frac{1}{2}$ m. bus. cent.; sys., dir. to mains; res. cap., 5,000,000 gals., loc. at pump. station; 4 pump. eng.; mains, c. i., 145,000 ft., 4 to 20 in. dia.; 168 hyd.; 88 v.; met., 2,400; 8,800 serv.; pres., dom. 75 lbs., f. 120 lbs.; cons. day, 2,000,000 gals.; cost, \$180,000; wks. owned by city.

SANTA BARBARA, p. 11,659; f. area, 47 $\frac{1}{2}$ a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. h. & c. wag. with 1,100 ft. h. & c. tk., 1 str. in reserve, 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose carts; hose, cot., rub. lined, 2,800 ft.; f. al., Gamewell, 8 bx.; val. equip., \$13,100; exp. dept., \$3,839; tot. mem., 19, pd. full time 4, vol. 15.

Water Supply—Src., mountains, 4 m. bus. cent.; sys., grav.; res. cap., 3,200,000 gals., loc., 1 east, 1 west part city; mains, c. i., 27 m., 4 to 18 in. dia.; 197 hyd.; 500 v.; 2,107 serv.; pipe, galv. i.; pres., dom. 130 lbs., f. 100 lbs.; cons., capita 80 gals.; cost, \$420,416.96; cost mtce., \$7,375.92; wks. owned by city.

SANTA CLARA, p. 4,848; merc. bldgs., stn., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., Gamewell, 17 bx.; tot. mem., 150 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals., dim. 20 ft. deep, mat. wd. & stil.; cistern cap., 70,000 gals.; 2 pump. eng., class comp. dup., cap. day 1,250,000 gals.; 1 trip. expansion dup. pump, cap. 2,000,000 gals. day; mains, c. i., 21 m., 2 to 12 in. dia.; 70 hyd.; 1,800 serv.; pipe, wrt. i.; pres., dom. 46 lbs., f. 110 lbs.; cons. day, 1,500,000 gals.; cost, \$86,000; cost mtce., \$17,000; wks. owned by city.

SANTA CRUZ, p. 11,146; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hose wag., 2 hose car.; 3 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 800 ft.; tot. hose, 2,300 ft.; f. al., bell & elec., 11 bx.; tot. mem. 20, pd. full time 3, pd. part time 17.

Water Supply—Src., mountain strm.; sys., grav.; res. cap., 2,500,000 gals., & large res. at an elevation of 430 ft. above sea level, cap. 60,000,000 gals.; mets., 1,000; 220 hyd.; pres., dom. 90 lbs., f. 90 lbs.; cons., day 1,500,000 gals.; cost, \$365,000; cost mtce., \$4,500; wks. owned by city.

SANTA MARIA, Santa Barbara Co., p. 2,260; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 comb. auto. str. with hose, hook & ladders, 1 hose car.; hose, 1,000 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$5,000.

Water Supply—Src., tk.; 50 hyd.

SANTA MONICA, p. 7,847; f. area, 60 a.; merc. bldgs., bk. & conc., 1 to 6 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 auto. comb. c. & h. wag., 1 h. & l. trk., 1 hose car., 1 hrs.; hose, cot., rub. lined, gd., 5,500 ft.; rub. gd., 600 ft.; inf., 300 ft.; tot. hose, 6,400 ft.; f. al., telp.; val. equip., \$24,000; val. bldgs., \$1,200; exp. dept., \$1,400; tot. mem. 33, pd. full time 8, pd. part time 1, vol. 24.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump to res.; res. cap., 5,000,000 gals.; loc. 2 m. out of city; 2 pump. eng.; mains, 4 to 16 in. dia.; 1,260 serv.; pipe, galv. stl.; pres., dom. 50 lbs., f. 50 lbs.; wks. owned by Co.

SANTA PAULA, p. 2,216; f. area, 300 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 12 ft. high; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 hose carts, 1 c. hose cart, 1 auto. trk.; hose, cot., rub. lined, gd., 1,500

ft.; f. al., telp., wh., 10 bx.; val. equip., \$4,000; val. bldgs., \$150; exp. dept., \$240; tot. mem., 13 vol.

Water Supply—Src., creek; sys., grav.; res. cap., 3,635,294 gals.; mains, 2 to 8 in. dia.; 9 hyd.; met., 2; pres., dom. 80 lbs., f. 80 lbs.; cost, \$70,000; cost mtce., \$1,662; wks. owned by Co.

SANTA ROSA, Sonoma Co., p. 7,817; merc. bldgs., bk., conc., stn. & wd., 1 to 3 stor.; priv., wd., 2 stor.; combt. ord.; causes of f. inv. F. dept.—2 str., 1 auto. c. eng. with hose & ladders, 4 c. hand ex., 2 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 3,800 ft.; f. al., Gamewell, 27 bx.; val. equip., \$22,000; val. bldgs., \$11,000; tot. mem., 12, pd. full time 6, pd. part time 6.

Water Supply—Src., creek, 5 m. bus. cent.; sys., grav.; res. cap., 800,000,000 gals., loc. 2 m. east of town; 1 centrif. pump, cap. 1,125,000 gals.; mains, c. & wrt. i., 30 m., 4 to 12 in. dia.; 25 hyd.; met., 108; 1,000 serv.; pres., dom. 40 lbs., f. 60 lbs.; cost, \$210,077; cost mtce., \$6,000; wks. owned by Co.

SAUSALITO, p. 2,383; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 25 ft. high; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 5 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 3,200 ft.; f. al., bell; val. equip., \$6,725; val. bldgs., \$4,200; tot. mem., 80 vol.

Water Supply—Src., Mt. Tomalpais, 10 m. bus. cent.; sys., pump to stdp.; stdp. cap., 1,500,000 gals.; 2 pump. eng., cap. 864,000 gals. day; mains, 20 m., 4 to 10 in. dia.; 170 hyd.; 150 v.; 720 met.; 720 serv.; pres., dom. 40 to 104 lbs., f. 40 to 135 lbs.; cons. day, 100,000 gals.; cost, \$109,000; cost mtce., \$5,175; wks. owned by city.

SAWTELLE, p. 4,000. F. dept.—1 auto. comb. c. & h. wag.; 1,000 ft. hose; val. equip., \$2,000; tot. mem., 7; pd. per call.

Water Supply—Src., wells.

SEBASTOPOL, p. 1,233. F. dept.—1 gasoline eng., 1 hand eng., 3 hose carts; hose, 2,500 ft.; tot. mem., 36 vol.

Water Supply—Src., wells & cisterns; 1 elec. motor, 50 hp.; 1 gas eng., 50 hp.; pumps capable 600 gals. min.; res. cap., 265,000 gals.; water pipes in all parts town; well holds 45,000 gals.

SELMA, p. 1,750; merc. bldgs., wd. & bk., 1 to 2 stor.; priv., wd., 1 to 2 stor.; combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag. equip. with 2 40-gal. c. tk. & 1,200 ft. h. & l. trk., 14 c. hand ex., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & elec., 10 bx.; val. equip., \$2,500; tot. mem., 24 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 56,000 gals.; pump. eng. cap. day, 900,000 gals.; mains, 13 $\frac{1}{2}$ m., 1 $\frac{1}{2}$ to 6 in. dia.; 16 hyd.; 14 v.; 800 serv.; pres., dom. 32 lbs., f. 80 to 100 lbs.; cost, \$20,000; cost mtce., \$3,500; wks. owned by Co.

SHERMAN, p. 1,000. F. dept.—2 hand hose carts, 1,000 ft. hose.

Water Supply—Src., wells; sys., grav.; mains, 2 to 6 in. dia.; 30 hyd.; pres., dom. 45 lbs., f. 45 lbs.; wks. owned by priv. Co.

SIERRA MADRE, p. 1,308. F. dept.—1 comb. c. & h. wag., 6 c. hand ex., 1 hose reel; hose, cot., rub. lined, gd., 500 ft.; f. al., wh.; vol.

SISSON, p. 636. F. dept.—22 c. hand ex., 1 hose cart; hose, 850 ft.; tot. mem., 20 vol.

Water Supply—Sys., grav.; tk. cap. 20,000 gals.; mains, 4 to 6 in. dia.; 15 hyd.; pres., 120 lbs.

SONOMA, p. 957. F. dept.—1 hand eng., 1 hose cart, 1 h. & l. trk., 600 ft. hose, bell al.; vol.

Water Supply—Spr.; sys., grav.; res. cap., 210,000 gals.; mains, 6 in. dia.

SONORA, p. 2,029; merc. bldgs., bk. & stn., 1 to 2 $\frac{1}{2}$ stor. F. dept.—1 h. & l. trk., 5 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$8,000; tot. mem., 62 vol.

Water Supply—Src., spr.; sys., grav. & pump to res.; res. cap., 6,150,000 gals.; mains, 5 m., 8 to 11 in. dia.; 60 hyd.; pres., dom. 60 lbs.; cost, \$40,000; cost mtce., \$2,100.

SOUTH PASADENA, p. 6,000. F. dept.—1 auto. str. with two 40-gal. c. tks.; val. equip., \$6,000; exp. dept., \$2,000; vol.

Water Supply—Src., mountain strm. & wells, 1 m. from bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; 2 hyd.; pres., dom. 40 lbs.

SOUTH SAN FRANCISCO, p. 1,989. F. dept.—3 hose carts, 1,900 ft. hose; vol.

Water Supply—Src., wells; sys., grav.; res. cap., 1,500,000 gals.; mains, 8 to 12 in. dia.; pres., dom. 80 to 50 lbs., f. 70 lbs.

SPRECKLES, p. 1,000; f. area, 100 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 91 c. hand ex., 4 hose cart.; hose, cot., rub. lined, 2,550 ft.; gd., 50 ft.; tot. hose, \$2,600 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Not reported.

ST. HELENA, p. 1,800. F. dept.—2 hose carts, 1,500 ft. hose; vol.

Water Supply—Src., creek; sys., grav.; res. cap., 75,000,000 gals.; pres., dom. 60 lbs.

STIRLING CITY, p. 900. F. dept.—4 hose carts, 1,600 ft. hose; vol.

Water Supply—Src., r.v.; sys., grav.; res. cap., 5,000,000 gals.; 2 pump. eng., combined cap. day 720,000 gals.; 80 hyd.; pres., 60 lbs.

STOCKTON, p. 23,258; f. area, 4 sq. m.; merc. bldgs., bk. & stn., 1 to 7 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 comb. auto. str. & hose wag., 1 auto. c. eng. & h. wag., 2 str., 2 hose wag., 1 c. eng., 1 h. & l. trk., 1 chief's auto., 12 c. hand ex. (in reserve, 2 str., 1 hose wag., 1 c. eng., 1 chief's buggy, 3 c. hand ex.), 16 hra.; hose, cot., rub. lined, gd., 11,000 ft.; c., 800 ft.; tot. hose, 11,300 ft.; f. al., Gamewell, 43 bx.; val. equip., \$70,000; val. bldgs., \$40,000; exp. dept., \$47,500; tot. mem. 34, pd. full time 26, pd. part time 8.

Water Supply—Src., deep wells, 1 m. bus. cent.; sys., pump to stdp. & d.r.; stdp. cap., 200,000 gals.; mat. stl.; res. cap., 1,500,000 gals., loc. at pump. wks.; 6 pump. eng., class centrif. combined cap. day 22,000,000 gals.; mains, c. i., 41 m., 4 to 20 in. dia.; 250 hyd.; 400 v.; met., 560; 6,000 serv.; pres., dom. 40 to 50 lbs., f. 40 to 50 lbs.; wks. owned by Pacific Gas & Electric Co.

SUISUN, p. 641. F. dept.—1 str., 3 hose carts, 1,050 ft. hose; bell al.; vol.

Water Supply—Spr.; sys., grav.; res. cap., 500,000 gals.; mains, 4 to 6 in. dia.; 20 hyd.; pres., 50 lbs.

SUNNYVALE, p. 800. F. dept.—1 hose cart, 800 ft. hose; vol.

Water Supply—Wells, ¼ m. bus. cent.; sys., grav.; stdp. cap., 270,000 gals.; 2 pump. eng., combined cap. day 720,000 gals.; mains, 3¼ m., 2 to 6 in. dia.; 38 hyd.; 36 met.; pres., dom. 20 lbs., f. 80 lbs.; cost, \$16,000; cost mtce., \$105; wks. owned by city.

SUSANVILLE, p. 688. F. dept.—2 c. hand ex., 1 hose cart; hose, 750 ft.; f. al., bell; tot. mem., 25.

Water Supply—Src., lake; sys., grav.; res. cap., 5,000,000 gals.; pres., 150 lbs.

SUTTER CREEK, p. 1,800; f. area, 20 a.; merc. bldgs., wd., stn. & bk., 1 & 2 stor.; priv., wd., 1 to 2½ stor. F. dept.—1 c. eng., 1 h. & l. trk., 4 hose cart.; hose, rub., gd., 1,300 ft.; 2 5-gal. f. ex.; f. al., bell; tot. mem., 80 vol.

Water Supply—Src., lake, 125 m. bus. cent.; sys., grav.; res. cap., 5,000,000 gals.; mains, sheet & c. l., 5 m., 4 to 11 in. dia.; 50 hyd.; pipe, sheet i.; pres., dom. 130 lbs., f. 240 lbs.

TAFT. F. dept.—Not reported.

Water Supply—Src., tk. cars from Bakersfield; 48 m. bus. cent.; sys., railroad to Taft; res. cap., 84,000 gals.; 1 pump. eng., cap. day 156,000 gals.; mains, 2 m., 3 to 4 in. dia., mat. stl.; 13 hyd.; 10 v.; met., 60; 110 serv.; pipe, stl.; pres., dom. 32 lbs., f. 150 lbs.; cons. day \$1,000 gals.; cost, \$10,000; cost mtce., \$4,000; wks. owned by priv. Co.

TRACY, p. 2,200; f. area, 280 a. F. dept.—2 hose carts, 1 c. eng.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$850; val. bldgs., \$250; exp. dept., \$250; tot. mem., 25, pd. part time; undrs. rating, fourth class.

Water Supply—Src., well, 1 m. bus. cent.; sys., dir. pres. & pump; 2 pump. eng.; mains, 5 m.;

35 hyd.; 210 v.; 198 serv.; pres., dom. 40 lbs., f. 85 lbs.; cost, \$26,000; cost mtce., \$2,000; wks. owned by city.

TROPICO, p. 1,200. F. dept.—1 hand hose cart.; hose, 800 ft.; f. al., wh.; tot. mem., 45 vol.

Water Supply—Src., canyon in mountains & well; res. cap., 2,000,000 gals.

TRUCKEE, p. 1,600; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 c. hand ex., 3 hose carts, 1 hose reel; hose, cot., rub. lined, gd., 1,700 ft.; inf., 700 ft.; tot. hose, 2,400 ft.; f. al., bell & wh.; val. equip., \$4,500; exp. dept., \$1,250; tot. mem., 45 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 200,000 gals.; 1 pump. eng., cap. 500 gals. min.; mains, iron & stl., 5 m., 7½ to 10 in. dia.; 36 hyd.; met., 30; 800 serv.; pres., dom. 98 lbs., f. 98 lbs.; cons. day, 100,000 gals.; cost, \$18,000; cost mtce., \$250; wks. owned by Co.

TULARE, p. 2,758; f. area, 14 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 3 hose cart., 1 hra.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 300 ft.; tot. hose, 1,900 ft.; f. al., Gamewell, 7 bx.; val. equip., \$2,000; val. bldgs., \$4,000; exp. dept., \$550; tot. mem., 40 vol.; undrs. rating, fourth class.

Water Supply—Src., wells; sys., grav.; pump to stdp. & dir.; stdp. cap., 90,000 gals.; dim., 50 ft. high; 2 pump. eng., cap. day 1,440,000 gals.; mains, 18 m.; 54 hyd.; pres., dom. 38 lbs., f. 50 to 65 lbs.; cons., day 300,000 gals.; cost, \$80,000; wks. owned by Co.

TUOLUMNE, p. 1,400. F. dept.—2 hose carts, 600 ft. hose; vol.

Water Supply—Mountain strm.; sys., grav.; res. cap., 400,000 gals.; priv. res. cap., 7,000,000 gals.; mains, 4 to 8 in. dia.; pres., 15 lbs.

TURLOCK, p. 1,537. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 2 hose carts, 2,000 ft. hose; 32 vol.

UKIAH, p. 2,136; f. area, 1,280 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 500 ft.; total hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$6,000; exp. dept., \$500; tot. mem., 60 vol.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 1,000,000 gals.; 1 pump. eng., class dup., cap. day 500,000 gals.; mains, 8 m., 2 to 10 in. dia.; 30 hyd.; pres., dom. 65 lbs.; cost, \$40,000; wks. owned by Co.

UPLAND, p. 2,384. F. dept.—1 hand c. eng., 5 hose carts; 1,600 ft. hose; bell al.; exp. dept., \$175; 18 vol.

Water Supply—Src., creek; sys., grav.; res. cap., 180,000 gals.; mains, 2 to 8 in. dia.; 51 hyd.; pres., dom. 35 to 55 lbs., f. 90 lbs.

VACAVILLE, p. 1,177; f. area, 25 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—2 hose cart.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; exp. dept., \$250; tot. mem., 24, pd. part time; undrs. rating, third class.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 150,000 gals., loc. at Callen & Vine sts.; 2 pump. eng., class comp. dup., cap. day 200,000 gals.; mains, 1½ m., 2 to 8 in. dia.; 30 hyd.; 200 serv.; pres., dom. 60 lbs., f. 50 to 80 lbs.; cost, \$24,000; cost mtce., \$1,800; wks. owned by Co.

VALLEJO, p. 11,340; f. area, 700 a.; merc. bldgs., bk., conc. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 stm. eng., 1 c. wag., 2 comb. c. & h. wag., 6 c. hand ex., 2 h. & l. trks., 4 hose carts, 2 hra.; hose, cot., rub. lined, gd., 3,700 ft.; fair, 500 ft.; inf., 500 ft.; tot. hose, 4,700 ft.; f. al., Gamewell, 40 bx.; val. equip., \$20,000; val. bldgs., \$15,000; exp. dept., \$9,800; tot. mem., 89, pd. full time 4, pd. part time 10, vol. 75.

Water Supply—Src., falls, 18 m. bus. cent.; sys., grav.; 2 storage res., combined cap. 1,000,500,000 gals., loc. 18 m. north of city; 2 distributing

res., cap. 15,000,000 gals.; mains, c. i.; 154 hyd.; met., 1,206; 2,455 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$850,000; cost mtce., \$15,000; wks. owned by city.

VENTURA, p. 2,945. F. dept.—1 auto. h. & c. wag., 2 hose reels, 1 h. & l. trk., 4 hand ex., 2,150 ft. hose, 20 call men.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav.; water, gd.; 8 res., combined cap. 3,165,000 gals.; 2 pump. eng., combined cap. hour 47,500 gals.; mains, 3 to 8 in. d.a.; 47 hyd.; pres., dom. 55 to 68 lbs., f. 90 lbs.

VISALIA, p. 4,550; f. area, 20 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 1 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 8 hrs.; hose, cot., rub. lined, gd., 2,150 ft.; inf., 400 ft.; tot. hose, 2,550 ft.; f. al., bell, wh. & Gamewell, 19 bx.; val. equip., \$5,000; val. bldgs., \$30,000; exp. dept., \$2,000; tot. mem., 48, pd. full time 4, vol. 44.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 192,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, 30 m., 1½ to 10 in. dia.; 63 hyd.; 700 serv.; pres., dom. 40 lbs., f. 80 lbs.; cost, \$120,000; cost mtce., \$12,000; wks. owned by Co.

WALNUT CREEK. F. dept. not reported.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., pump to stdp.; stdp. cap. 100,000 gals., dim. 30 x 50, mat. redwood staves; res. cap., 25,000,000 gals., loc. 75 ft. above town; 1 pump. eng., cap. day 50,000 gals.; mains, 8½ m., 4 to 6 in. dia.; 10 hyd.; 10 v.; 40 serv.; pipe, galv. i.; pres., dom. 55 lbs.; cost, \$10,000; wks. owned by priv. Co.

WATSONVILLE, p. 4,446; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$7,800; val. bldgs., \$5,000; exp. dept., \$1,200; tot. mem., 54, pd. full time 3, vol. 51.

Water Supply—Src., mountain strm., 9 m. bus. cent.; sys., grav.; res. cap., 11,500,000 gals., loc. 1½ m. city; pump. eng. cap., 1,000,000 gals. day; mains, sheet & c. i., 40 m., 4 to 18 in. dia.; 100 hyd.; 146 met.; 1,500 serv.; pipe, iron; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 1,000,000 gals.; wks. owned by private Co.

WEAVERVILLE, p. 1,000; f. area, 160 a. F. dept.—3 c. eng., 25 c. hand ex., 3 hose carts, 2 hrs.; 1,500 ft. cot., rub. lined hose; f. al., elec. bell, 14 bx.; val. equip., \$4,000; val. bldgs., \$800; exp. dept., \$250; tot. mem., 50 vol.

Water Supply—Src., creek; sys., grav.; res. cap., 1,250,000 gals.; mains, 4 in. dia.; 14 hyd.; pres., dom. 30 to 40 lbs., f. 90 lbs.

WHEATLAND, p. 481. F. dept.—2 hose carts, 800 ft. hose; vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 60,000 gals.; 1 pump. eng., cap. day 288,000 gals.; pres., 60 lbs.

WHITTIER, p. 4,550. F. dept.—1 comb. c. & h. wag., 5 c. hand ex., 1 h. & l. trk., 1 auto. f. trk., 40-gal. c. eng., 1 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & telp.; val. equip., \$7,000; exp. dept., \$4,000; tot. mem., 15; pd. full time 2, pd. part time 13.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to res.; res. cap., 4,000,000 gals.; 2 pump. eng., cap. day, 5,500,000 gals.; mains, 26 m., 4 to 18 in. dia.; 115 hyd.; 1,800 serv.; met., 280; pres., dom. & f., 30 to 100 lbs.; cons. day, 3,000,000 gals.; cost, \$200,000; cost mtce., \$4,500; wks. owned by city.

WILLITS, p. 1,158. F. dept.—2 hose carts, 600 ft. hose; bell al.; 42 vol.

Water Supply—Src., creek; sys., grav.; res. cap., 50,000 gals.; mains, 6 to 8 in. dia.; pres., 80 lbs.

WILLOWS, p. 1,189. F. dept.—2 hose carts, 1,100 ft. hose; Gamewell al. sys., 6 bx.; 40 vol.

Water Supply—Src., wells; sys., riv. to stdp.; stdp. cap., 90,000 gals.; 2 pump. eng., combined cap. hour, 69,000 gals.; mains, 6 to 8 in. dia.; 69 hyd.; pres., 60 lbs.

WINTERS, p. 910; f. area, 10 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 10 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,050 ft.; f. al., bell; val. equip., \$2,000; tot. mem., 30 vol.

Water Supply—Src., wells; sys., grav.; stdp. cap., 54,000 gals.; 2 pump. eng., combined cap. day 360,000 gals.; mains, 4 to 6 in. dia.; 24 hyd.; pres., 75 lbs.

WOODLAND, p. 3,187; f. area, 640 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 1 hose wag., 2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 2,480 ft.; inf., 1,870 ft.; tot. hose, 4,350 ft.; f. al., Gamewell, 10 bx.; val. equip., \$4,000; val. bldgs., \$25,000; exp. dept., \$5,000; tot. mem., 60, pd. full time 4, vol. 56; undra. rating, second class.

Water Supply—Src., wells; sys., pump to tk. & dir.; cap., 170,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,500,000 gals.; 1 centrif. pump, cap. 1,475 gals. min.; mains, c. & wrt. l., 22 m., 2 to 12 in. dia.; 56 hyd.; pres., dom. 25 lbs., f. 90 lbs.; cost, \$62,000; cost mtce., \$2,500.

YREKA, p. 1,184; f. area, 200 a.; merc. bldgs., bk., 2 stor.; priv., wd. & bk., 1 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 str. pump in reserve, 2 c. hand ex., 4 hose wag.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., bells, wh.; exp. dept., \$150; tot. mem., 100 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to res.; res. cap., 350,000 gals.; pump. eng., cap. day 750,000 gals.; mains, 2 m., ¾ to 8 in. dia.; 21 hyd.; pres., dom. 35 lbs., f. 120 lbs.; cost, \$15,000; cost mtce., \$400; wks. owned by Co.

YUBA CITY, p. 1,160. F. dept.—2 hose carts, 1,000 ft. hose; bell al.; vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng., combined cap. day 432,000 gals.; mains, 4 to 8 in. dia.; 28 hyd.

Places of 1,000 or more population having no organized fire dept.—Fitchburg, Huntington Park, San Dimas, Stige.

Places with a population of 1,000 or more not reported—Alden, Artesia, Bodie, Colegrove, Folsom, Hemet, Imperial, Olema, San Bruno, San Jacinto, Sanger, Santa Paula, Watts, Wilmington.

COLORADO

AGUILAR, p. 858. F. dept.—1 hose cart; hose, 500 ft.; bell al.; tot. mem., 20, pd. full time 5, vol. 15.

Water Supply—Res. cap. 1,000,000 gals.; 1 pump, cap. day 150,000 gals.; tank cap. 50,000 gals.; 18 hyd.; pres. 90 lbs.

ALAMOSA, p. 3,013; f. area, 2 a.; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 comb. wag., 2 hose c., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell, wh. & telp.; val. bldgs., \$3,800; exp. dept., \$1,500; tot. mem., 40, pd. part time 7, 33 vol.

Water Supply—Src., cisterns & wells; sys., pump to stdp.; stdp. cap. 200,000 gals., res. cap. 100,000 gals.; 2 pump. eng., class trip., cap. 600 gals. min.; mains, 12 m.; 97 hyd.; wks. owned by city.

ANACONDA, p. 164. F. dept.—Not reported.

Water Supply—Src., pump. station, 4 m. bus. cent.; sys., grav.; mains, c. i., 5 m., 3 to 6 in. dia.; 7 hyd.; pipe, iron; pres. dom. & f., 85 lbs.; wks. owned by Altman Water Co., of Cripple Creek.

ASPEN, p. 1,834; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag.

3 hose car. & reels, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 2,000 ft.; tot. hose, 4,500 ft.; f. al., Gamewell, 10 bx.; val. equip., \$4,000; val. bldgs., \$4,500; exp. dept., \$2,800; tot. mem., 75 vol.

Water Supply—Src., creek, 2 m. bus. cent.; sys., flume to res.; cap., 450,000 gals.; 53 hyd.; 56 v.; pres., dom. 95 lbs.; f. 125 lbs.; cost, \$175,000; wks. owned by Co.

AULT, p. 569. F. dept.—2 hand reels; hose, 900 ft., gd.; f. al., wh. & revolver shots; tot. mem., 40 vol.

Water Supply—Src., well, cap. 360,000 gals. day; stdp. cap., 40,000 gals.; mains, 8, 6 & 4 in. dia.; 17 hyd.; pres., dom. 55 to 60 lbs., f. 60 to 70 lbs.

BERTHOUD, p. 758. F. dept.—2 c. hand ex., 1 hand hose cart, 1 reel; hose, 1,000 ft.; tot. mem., 20.

Water Supply—Sys., grav.; res. cap. 800,000 gals.; 13 hyd.; pres., 40 lbs.

BLACK HAWK, Gilpin county, p. 668; merc. bldgs., bk. & stn., 1½ stor.; wd. rfs. perm. F. dept.—2 stim. pumps, 3 hose carts; hose, cot., rub. lined, gd., 1,300 ft.; f. al., wh.; val. equip., \$5,000; val. bldgs., \$4,500; exp. dept., \$100; tot. mem., 45 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav.; res. cap. 1,500,000 gals., loc. in town; mains, c. & wrt. l., 6 m., 2 to 5 in. dia.; 26 hyd.; 27 v.; meters, 12; 250 serv.; pres., dom. 140 lbs., f. 225 lbs.; cost, \$60,000; wks. owned by city.

BOULDER, p. 9,539; f. area, 2½ sq. m.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., stn. & bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart, 7 hrs.; hose, cot., rub. lined, gd., 6,800 ft.; inf., 900 ft.; tot. hose, 7,400 ft.; f. al., Gamewell, 14 bx.; val. equip., \$11,970; val. bldgs., \$18,000; exp. dept., \$12,000; tot. mem., 11, 10 pd., 1 vol.

Water Supply—Src., creek, Silver Lake, 22 m. bus. cent.; sys., grav.; 4 res.; cap. 555,000,000 gals.; mains, c. l., 78 m., 4 to 8 in. dia.; 135 hyd.; 200 v.; 2,500 serv.; pipe, lead & galv. l.; pres., dom. 125 to 160 lbs., f. 125 lbs.; cost, \$547,500; wks. owned by city.

BRECKENRIDGE, p. 884; f. area, 200 a.; merc. bldgs., wd. & l., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,500; exp. dept., \$520; tot. mem. 90 vol.; undra. rating, fourth class.

Water Supply—Src., creek; sys., grav.; res. cap. 10,000,000 gals.; mains, c. l., 3 m., 4 to 12 in. dia.; 30 hyd., 160 serv.; pres., dom. 145 lbs., f. 145 lbs.; cons., day 20,000 gals.; cost, \$30,000; cost mtce., \$1,500; wks. owned by town.

BUENA VISTA, p. 1,041; f. area, 50 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor. F. dept.—c. hand ex., 1 h. & l. trk., 3 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$6,250; val. bldgs., \$4,000; exp. dept., \$400; tot. mem., 25 vol.

Water Supply—Src., creek; sys., grav.; res. cap., 38,000 gals.; mains, 6½ m., 2 to 10 in. dia.; 19 hyd.; pres., dom. 70 lbs.; cost, \$42,000; cost mtce., \$500; wks. owned by city.

CANON CITY, p. 5,162; f. area, 700 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 1 hose wag., 2 hose reels; hose, gd., 3,800 ft.; f. al., 5 bells, 2 wh., 14 bx.; val. equip., \$7,000; exp. dept., \$3,000; tot. mem. 40, pd. full time.

Water Supply—Src., riv., 8 m. bus. cent.; sys., grav., 2 pump. eng., size 14 x 24, cap. day 3,000, 000 gals.; mains, c. l., 10 m., 4 to 20 in. dia.; 67 hyd.; 97 v.; 700 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 120 lbs.; cons. day 2,000,000 gals.; cost \$600,000; wks. owned by city.

CENTRAL CITY, p. 1,782; f. area, 1 sq. m.; merc. bldgs., brk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,500; exp. dept., \$400; tot. mem., 100 vol.

Water Supply—Src., spr., 7 m. bus. cent.; sys.,

grav.; res. cap. 600,000 gals.; mains, c. l., 22 m., 2 to 8 in. dia.; 50 hyd.; met., 46; 400 serv.; pres., f. 90 lbs.; cost, \$138,000; cost mtce., \$6,000; wks. owned by city.

COLORADO CITY, p. 4,333; f. area, 700 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 3 stor. F. dept.—1 auto. comb. c. hose & l. trk., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 3,700 ft.; f. al., bell & wh., 21 bx.; val. equip., \$7,000; val. bldgs., \$8,000; exp. dept., \$2,500; tot. mem. 13, pd. full time 3, vol. 10.

Water Supply—Src., creek, 2 m. bus. cent.; sys., grav.; res. cap., 8,000,000 gals.; mains, 30 m., 3 to 10 in. dia.; 80 hyd.; 10 v.; 150 serv.; pres., dom. 80 lbs., f. 80 to 120 lbs.; cost, \$40,000; cost mtce., \$200; wks. owned by Co.

COLORADO SPRINGS, p. 29,078; f. area, 5,126 a.; merc. bldgs., bk. & stn., 1 to 7 stor.; priv., wd., 1 to 4 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 auto. comb. c. & h. wag., 2 comb. c. & h. wag., 12 c. hand ex., 1 h. & l. trk., 1 aer. trk., 7 hrs.; hose, cot., rub. lined, gd., 9,100 ft.; f. al., elec. 61 bx.; val. bldgs., \$47,000; exp. dept., \$37,500; tot. mem. 28, pd. full time.

Water Supply—Src., rain, snow, spr., 13 m. bus. cent.; sys., grav.; res. (6) cap., 1,800,000,000 gals.; loc. near Pike's Peak; mains, c. l. & stl., 142 m., 1½ to 24 in. dia.; 467 hyd.; 1,880 v.; met., 213; 11,660 serv.; pipe, galv. l.; pres., dom. 40 to 125 lbs., f. 125 lbs.; cons. day, 6,436,000 gals.; cost, \$3,179,024; cost mtce., \$32,000; wks. owned by city.

CORTEZ, p. 565. F. dept.—Not reported.

Water Supply—Src., Dolores River, 14 m. bus. cent.; sys., grav.; res. cap., 12,500,000 gals.; 1 pump. eng., cap. day 17,000 gals.; mains, 2 m., 4 to 6 in. dia.; mat., c. l. & stl.; 22 hyd.; 18 v.; 85 serv.; pipe, galv. l.; pres., dom. 75 to 80 lbs., f. 83 lbs.; cons. day, 5,000 gals.; cost, \$57,000; cost mtce., \$700; wks. owned by city.

CRESTED BUTTE, p. 904; f. area, 100 a.; merc. bldgs., wd., 1 to 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; combt. ord. F. dept.—12 c. hand ex., 1 h. & l. trk., 1 c. eng. on wls., 2 hose car.; hose, rub. gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$2,500; exp. dept., \$100; tot. mem., 68 vol.

Water Supply—Src., mountain str., 3 m. bus. cent.; sys., grav.; res. cap., 3,800,000 gals.; mains, 8½ m.; 13 hyd.; 15 v.; pres., dom. 120 lbs., f. 150 lbs.; cons. day, 11,000 gals.; cost, \$45,000; cost mtce., \$2,000; wks. owned by Co.

CRIPPLE CREEK, p. 6,206; f. area, 500 a.; merc. bldgs., bk., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. trk., 1 comb. c. & h. wag., 4 c. hand ex., 1 hose wag., 2 hose car., 6 hrs.; hose, cot., rub. lined, gd., 3,200 ft.; rub., gd., 250 ft.; tot. hose, 3,450 ft.; f. al., Gamewell, 27 bx.; val. equip., \$9,000; val. bldgs., \$12,000; exp. dept., \$11,000; tot. mem. 6, pd. full time.

Water Supply—Src., creek, 6 m. bus. cent.; sys., grav.; res. cap., 100,000,000 gals.; mains, 24 m., 12 to 4 in. dia.; 151 hyd.; 109 v.; met., 124; 1,762 serv.; pres., dom. 150 lbs.; cons. day, 750,000 gals.; wks. owned by Cripple Creek Water Co.

DELTA, p. 2,388; f. area, 40 blocks; merc. bldgs., wd. & bk., 1 & 2 stor.; wd. rfs. not perm. F. dept.—2 hose wag., 2 hand reels; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$300; tot. mem., 8 pd. part time.

Water Supply—Src., riv. & lakes, 13 m. bus. cent., 10-in. mains to pres. line; sys., grav.; pump to res. & dir.; res. cap., 150,000 gals.; 2 pump. eng.; cap. No. 1, 400 gals. min.; No. 2, 600 gals. min.; mains, 5 m., 6, 4, 2 & 1 in. dia.; 48 hyd.; 30 v.; 350 serv.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost mtce., \$1,500; wks. owned by city.

DENVER, p. 218,381; f. area, 59¼ sq. m.; merc. bldgs., iron, stn. & bk., 1 to 12 stor.; priv., stn. & bk., 1 to 5 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—9 str., 4 comb. c. & h. wag., 2 c. eng. in reserve; 29 c. hand ex., 6 h. & l. trk., 2 aer. trk., 1 water tower, 19 hose wag., 2 hose car., 72 hrs.; hose, cot. lined, gd., 46,850 ft.; f. al., Gamewell, 186 bx.; val. equip., \$204,642; val. bldgs., \$284,250; exp. dept., \$300,000; tot. mem., 206, pd. full time.

Water Supply—Src., riv. & creeks, 10 to 60 m. bus. cent.; sys., grav. & pump dir.; stdp. cap., 2,500,000 gals.; 12 pump. eng., cap. day 40,000,000 gals.; mains, c. i., 47,047 m., 6 to 36 in. dia.; 3,324 hyd.; 5,482 v.; 36,005 serv.; cons., 50,000,000 gals.; pipe, lead; pres., f. 45 to 90 lbs.; wks. owned by Co.

DURANGO, p. 4,686; f. area, 24½ blocks; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose reels, 3 hrs.; hose, cot., rub. lined, gd., 2,800 ft.; inf., 1,000 ft.; tot. hose, 3,800 ft.; f. al., Gamewell, elec., 12 bx.; val. equip., \$5,000; val. bldgs., \$6,000; exp. dept., \$5,000; tot. mem. 5, pd. full time.

Water Supply—Src., Fla. riv., 11½ m. east bus. cent.; sys., grav., pump to res.; res. cap., 55,000,000 gals.; loc. ½ m. east city; mains, c. & wrt. i., 12½ m., 4 to 10 in. dia.; 64 hyd.; met., 4; 850 serv.; pipe, galv. i.; pres., dom. 167 lbs., f. 167 lbs.; cons. day, 800,000 gals.; cost, \$270,000; cost mtce., \$4,000; wks. owned by city.

FLORENCE, p. 2,712; f. area, 4 sq. m.; merc. bldgs., bk., 2 to 3 stor.; priv., 2-3 bk., 1-3 wd.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., h. & l. trk., aer. trk., hose wag., hose car.; hose, gd., 2,300 ft.; f. al., stm. wh.; val. equip., \$4,000; val. bldgs., \$5,000; tot. mem. 25, pd. full time 3, vol. 22; undrs. rating, second class.

Water Supply—Src., creek, from mountains, 12 m. bus. cent.; sys., grav.; stdp. pipe cap., 500,000 gals., dim. 58 x 30 ins., mat., stl.; mains, stl., 4 to 12 in. dia.; 39 hyd.; 58 v.; met., 800; pipe, stl.; pres., dom. 70 lbs., f. 160 lbs.; cons. day, 150,000 gals.; cost, \$135,000; cost mtce., \$2,000; wks. owned by city.

FT. COLLINS, p. 8,210; f. area, 150 a.; merc. bldgs., stn. & bk., 1 to 2 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 c. hand ex., 1 comb. c. & h. wag., 2 hose wag., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,100 ft.; f. al., bell & Gamewell, 22 bx.; val. equip., \$2,000; val. bldgs., \$4,000; exp. dept., \$1,000; tot. mem. 40, pd. full time 2, pd. part time 4, vol. 34.

Water Supply—Src., river, 14 m. bus. cent.; sys., grav., pump to stdp.; stdp. cap., 200,000 gals.; dim., 20 x 70; mat., iron; res. cap., 5,000,000 gals.; mat., conc.; mains, wd. & c. i., 3 to 22 in. dia.; 115 hyd.; 40 v.; met., 70; 2,300 serv.; pipe, galv. i.; pres., dom. 105 lbs., f. 105 lbs.; cons. day, 4,000,000 gals.; cost, \$340,000; cost mtce., \$9,000; wks. owned by city.

FT. MORGAN, p. 2,800. F. dept.—1 h. & l. co.; hose, 5,000 ft.; f. al., bell & wh.; tot. mem., 32 vol.

Water Supply—Sys., grav.; mains, 4 to 10 in. dia.; 62 hyd.; pres., f. 100 lbs.; 3 pump. eng.; cap., 1,700 gals. min.

FWLER, p. 925. F. dept.—2 c. ex., 1 hand hose cart, 1 c. eng.; hose, 800 ft.; tot. mem., 17 vol.

Water Supply—Src., spr., cap. 105,000 gals. day; stdp. cap., 100,000 gals.; res. cap., 60,000 gals.; mains, 3½ m., 4 in. dia.; 19 hyd.

FRUITA, p. 881. F. dept.—1 hand hose reel; hose, 500 ft.; f. al., bell; 20 vol.

Water Supply—Src., spr., cap. 108,000 gals. day; res. cap. not known; mains, 2, 4 & 6 in. dia.; 15 hyd.

GEORGETOWN, p. 950; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; rub., gd., 2,800 ft.; tot. hose, 3,910 ft.; f. al., bell; val. equip., \$4,200; val. bldgs., \$10,000; exp. dept., \$200; tot. mem., 185 vol.; undrs. rating, second class.

Water Supply—Src., creek, 6 m. bus. cent.; sys., grav.; res. loc. southeast corner of town; mains, c. i., 8 m., 3 to 6 in. dia.; 80 hyd.; 300 serv.; pipe, lead & iron; pres., dom. 40 lbs., f. 115 lbs.; cost, \$27,000; cost mtce., \$1,300; wks. owned by city.

GLENWOOD SPRINGS, p. 2,019; f. area, 640 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car., 2 hand c. ex.; hose, cot., rub. lined,

gd., 1,900 ft.; f. al., bell; exp. dept., \$150; tot. mem., 15 vol.

Water Supply—Src., creek, 3 m. bus. cent.; sys., grav.; 8 tanks, 150,000 gals. cap.; mains, 5½ m., 4, 6 & 8 in. dia.; 25 hyd.; 400 serv.; pres., dom. 80 lbs., f. 190 lbs.; cons. capita, 100 gals.; cost, \$165,000; wks. owned by Co.

GOLDEN, p. 2,477; f. area, 400 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 2 hose reels & carts; hose, cot., rub. lined, gd., 1,000 ft.; inf., 400 ft.; tot. hose, 1,400 ft.; f. al., bells & wh.; val. equip., \$20,000; val. bldgs., \$12,000; exp. dept., \$600; tot. mem. 92, pd. full time 2, vol. 90.

Water Supply—Src., creek; sys., grav., Beaver Brook; res. 1st, 13 m. city; cap., 10,000,000 gals.; res. 2d, 11 m.; cap., 40,000,000 gals.; 3 district res., combined cap., 3,596,782 gals., ½ m. city; mains, 7 m., 2 to 10 in. dia.; 50 hyd.; 30 v.; 500 serv.; pres., dom. 135 lbs., f. 135 lbs.; cost, \$200,000; cost mtce., \$4,000; wks. owned by city.

GOLDFIELD, p. 1,112; merc. bldgs., wd. & bk., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—12 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., steam wh. & heavy bell; val. equip., \$2,500; val. bldgs., \$3,000; exp. dept., \$500; tot. mem. 48, 18 pd. part time, vol. 30; undrs. rating, second, third & fourth class.

Water Supply—Src., Victor res., 6 m. bus. cent.; sys., grav.; stdp. cap., 200,000 gals.; dim., 24 ft. deep & 30 ft. high; mat., stl.; res. cap., 5,500,000 gals.; mains, c. i. & stl., 2½ m., 4 in. dia.; 17 hyd.; 21 v.; 410 serv.; pipe, c. i.; pres., dom. & f., 80 to 140 lbs.; cons. day, 50,000 gals.; cost, \$37,000; cost mtce., \$1,500; wks. owned by city.

GRAND JUNCTION, p. 7,754; f. area, 1,000 a.; merc. bldgs., mostly bk., 1 to 3 stor.; priv., wd., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. trk. & c. eng., 1 comb. h. & l. trk., 1 hose wag., 2 hose reels & carts; hose, cot., rub. lined, gd., 2,800 ft.; inf., 1,600 ft.; tot. hose, 4,400 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$7,000; exp. dept., \$5,000; tot. mem. 15, pd. full time 4, vol. 11.

Water Supply—Src., Kannah Creek, 20 m. bus. cent.; sys., grav. & res.; res. cap., 1,600,000 gals., loc. on hill south city; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 15 m., 4 to 12 in. dia.; met., 33; 2,280 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 90 lbs.; cons. day, 800,000 gals.; cost, \$600,000; cost mtce., \$6,000; wks. owned by city.

GREELEY, p. 8,179; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto comb. h. & c. trk. equip. with 90-ft. ladders, 2,000 ft. hose, 200 ft. c. hose; 1 hand h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh., 18 bx.; val. equip., \$20,000; val. bldgs., \$5,000; exp. dept., \$5,500; tot. mem. 126, 9 pd. full time.

Water Supply—Src., riv. & wells, 38 m. bus. cent.; snow water in river to sedimentation basin, cap. 31,000,000 gals.; thence to 8 filter beds 1.25 a. each; thence by 20-in. wd. wire-bound pipe to 5,000,000 gals. res. loc. on hill 175 ft. above bus. cent.; sys., grav.; 2 pump. eng., cap. day 5,000,000 gals.; mains, c. i., 28 m.; 100 hyd.; 2,000 serv.; pipe, lead; pres., dom. 80 lbs., f. 90 lbs.; cons. day, 1,500,000 gals.; cost, \$435,000; cost mtce., \$3,500; wks. owned by city.

GUNNISON, p. 1,036; merc. bldgs., stn. & frame, 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; val. equip., \$9,000; tot. mem., 55 vol.

Water Supply—Src., river; 1 m. bus. cent.; sys., pump to res.; res. cap., 218,000 gals.; 3 pump. eng.; cap. day, 800,000 gals.; mains, c. i., 6 m., 4 to 12 in. dia.; 53 hyd.; 300 serv.; 15 v.; pres., dom. 52 lbs., f. 95 lbs.; cons. day, 150,000 gals.; cost, \$35,000; cost mtce., \$3,000; wks. owned by city.

HOLLY, p. 724; f. area, 35 a.; merc. bldgs., bk., stn. & wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes f. inv. F. dept.—1

h. & l. trk., 1 hose wag.; hose, 800 ft.; f. al., wh.; val. equip., \$500; 15 vol.

HOLYOKE, p. 559. F. dept.—2 hand hose reels; hose, 750 ft.; f. al., bell & wh.; tot. mem., 20 vol.

Water Supply—Src., well; stdp. cap., 63,000 gals.; 3 pump. eng., class stn. & gasoline; cap. day, 280,000 gals.; mains, 8 m., 4 & 6 in. dia.; 23 hyd.; 19 v.; 170 met., pres., dom. 35 lbs., f. 70 lbs.; wks. owned by city.

IDAHO SPRINGS, p. 2,154; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,800 ft.; rub. gd., 900 ft.; tot. hose, 3,700 ft.; f. al., Gamewell, 14 bx.; val. equip., \$4,000; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 85 vol.

Water Supply—Src., mountain strum., 5 m. bus. cent.; sys., grav.; res. cap. (2), 2,500,000 gals.; mains, 8 m., 4 to 16 in. dia.; 60 hyd.; 32 v.; 600 serv., 14 met.; pipe, c. iron; pres., dom. 100 lbs., f. 50 to 120 lbs.; cons. day, 100,000 gals.; cost, \$200,000; cost mtce., \$1,500; wks. owned by city.

LAFAYETTE, p. 1,892; f. area, 640 a. F. dept.—2 hose carts & ladders; hose, 800 ft.; val. equip., \$800; val. bldgs., \$1,000; tot. mem., 30 vol.

Water Supply—Src., res.; sys., grav.; 48 hyd.; pres., dom. 35 lbs., f. 98 lbs.; cost, \$125,000; cost mtce., \$500; wks. owned by city.

LA JUNTA, p. 4,164; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—12 c. hand ex., 1 hose wag., 4 hose car., reels, &c., 4 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 400 ft.; inf., 500 ft.; tot. hose, 3,400 ft.; f. al., bell, wh. & elec. val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$3,000; tot. mem., 18, pd. full time 2, vol. 16.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res.; res. cap., 851,000 gals.; 2 pump. eng., cap. day, 2,000,000 gals.; mains, c. i., 11½ m., 3 to 16 in. dia.; 65 hyd.; 12 v.; 950 serv.; pres., dom. 50 lbs., f. 160 lbs.; cons. day, 1,000,000 gals.; cost, \$250,000; wks. owned by city.

LAKE CITY, p. 405; f. area, 17 blocks; merc. bldgs., wd., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—1 c. engine, 9 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; inf., 250 ft.; tot. hose, 2,150 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$1,500; tot. mem., 85 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav.; mains, stl., 1 m., 8 & 10 in. dia.; 14 hyd.; 8 v.; 65 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 50 lbs.; cost, \$28,000; cost mtce., \$750; wks. owned by city.

LAMAR, p. 3,000; f. area, 12 blocks; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 auto. str., comb. wag. with 40-gal. c., 1 h. & l. trk., 8 c. hand ex., 1 hose cart; hose, cot., rub. lined, gd., 1,200 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., wh.; val. equip., \$6,000; val. bldgs., \$15,000; tot. mem., 31 vol.

Water Supply—Src., 3 artesian wells, 5 blocks bus. cent.; sys., grav. & pump. to res.; res. cap., 100,000 gals.; 2 pump. eng., cap. 720,000 gals. day; mains, c. i., 20 m., 4 to 12 in. dia.; 70 hyd.; 346 met.; 508 serv.; pipe, ¾ in. iron; pres., dom. 35 lbs., f. 75 lbs.; cons. day, 250,000 gals.; cost, \$255,000; cost mtce., \$2,500; wks. owned by city.

LAS ANIMAS, p. 2,008; f. area, 200 a.; merc. bldgs., stn. & bk., 1 to 2 stor.; priv., wd., bk. & cem., 1 & 2 stor.; causes of f. inv. F. dept.—1 auto. str., 2 c. hand ex., 1 hose reel & cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$5,500; val. bldgs., \$4,000; exp. dept., \$300; tot. mem., 21 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump. to stdp.; stdp. cap., 253,000 gals.; 2 pump. eng., class comp., cap. day, 2,000,000 gals.; mains, c. i., 10 m., 4 to 12 in. dia.; 90 hyd.; 128 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 125 lbs.; cons. day, 200,000 gals.; cost, \$52,000; cost mtce., \$1,500; wks. owned by city.

LEADVILLE, Lake County, p. 7,508; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto.

comb. c. & h. wag., 1 h. & l. trk., 4 c. hand ex., 1 hose wag., 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; inf., 1,000 ft.; tot. hose, 8,000 ft.; f. al., elec., 15 bx.; exp. dept., \$3,000; tot. mem., 8, pd. full time.

Water Supply—Src., mountain strum., 3 to 10 m. bus. cent.; sys., grav. & pump to res.; res. cap., 70,000,000 gals.; pump. eng., cap. day, 2,000,000 gals.; mains, wd. & c. i., 30 m., 4 to 36 in. dia.; 162 hyd.; met., 20; 2,145 serv.; pipe, lead & galv. i.; pres., dom. 80 lbs., f. 150 lbs.; cost mtce., \$22,000; wks. owned by Co.

LITTLETON, p. 1,373; f. area, 160 a. F. dept.—1 hose cart, 1 doz. leather buckets; hose, 1,200 ft.; val. equip., \$2,000; exp. dept., \$300; tot. mem., 30 vol.

Water Supply—Src., cribs in river; sys., grav.; 3 pumps; combined cap. day, 316,800 gals.; 23 hyd.; 81 v.; mains, 6 m.; pres., dom. 65 lbs., f. 100 lbs.; cost, \$50,000; cost mtce., \$2,000; wks. owned by city.

LONGMONT, p. 4,256; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 150 ft.; inf., 200 ft.; tot. hose, 2,350 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$10,000; exp. dept., \$3,000; tot. mem., 28, pd. full time 3, pd. part time 1, vol. 24.

Water Supply—Src., riv., 16 m. bus. cent.; sys., grav.; res. cap., 1,150,000 gals., loc. 1 m. city; mains, stl. & c. i., 22 m., 2 to 12 in. dia.; 88 hyd.; 240 v.; met., 50; 1,444 serv.; pipe, galv. i.; pres., dom. 58 lbs., f. 120 lbs.; cost, \$410,000; cost mtce., \$4,500; wks. owned by city.

LOUISVILLE, p. 1,706. F. dept.—1 hose cart; hose, 1,000 ft.; tot. mem., 25.

Water Supply—Sys., grav.; res. cap., 1,000,000 gals.; mains, 4 to 12 in. dia.; 30 hyd.; pres., 100 lbs.

LOVELAND, Larimer County, p. 2,651; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1, 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 comb. auto. trk. with full equip., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$1,200; exp. dept., \$500; tot. mem., 55 vol.

Water Supply—Src., mountain riv.; sys., grav.; mains, 30 m., 2 to 12 in. dia., stl. & c. i.; 60 hyd.; pres., dom. 70 lbs., f. 105 lbs.; cost, \$170,000; cost mtce., \$5,000; revenue derived from same, \$30,000; wks. owned by city.

MANCOS, p. 567. F. dept.—1 hose cart, 1 h. & l. trk.; hose, 1,600 ft.; f. al., bell; val. equip., \$1,200.

Water Supply—Src., Mancos riv.; sys., grav.; 14 hyd.; 20 v.; 163 serv.; cost, \$28,000; wks. owned by town.

MANITOU, El Paso County, p. 1,357; merc. bldgs., stn. & bk., 2 stor.; priv., bk. & wd., 1, 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—40 c. hand ex., 1 h. & l. trk., 1 hose wag., 8 hose carts, 4 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 1,200 ft.; tot. hose, 3,200 ft.; f. al., bell, 6 bx.; val. equip., \$3,000; exp. dept., \$300; tot. mem., 75, vol. 50.

Water Supply—Src., creek; sys., grav.; res. cap., 1,500,000 gals.; mains, 30 m., 3 to 18 in. dia.; 38 hyd.; 50 v.; pres., dom. 50 lbs., f. 185 lbs.; cost, \$100,000; cost mtce., \$900; wks. owned by city.

MEEKER, Rio Blanco County, p. 807. F. dept.—1 hand hose reel, 6 c. ex., 1 hand h. & l. trk.; hose, 1,050 ft.; f. al., bell; tot. mem., 80 vol.

Water Supply—Src., riv.; stdp. cap., 1,036,800 gals.; mains, 3½ m., 4, 6 & 8 in. dia.; 27 hyd.; pres., f. 70 lbs.

MONTRORSE, p. 3,254; f. area, 85 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. wag., 1 h. & l. trk., 2 reels & cart; hose, cot., rub. lined, gd., 2,500 ft.; inf., 600 ft.; tot. hose, 3,100 ft.; f. al., elec.; exp. dept., \$2,200; tot. mem., 25 vol., 1 pd. driver.

Water Supply—Src., riv., 14 m. bus. cent.; sys., grav.; stdp. cap., 100,000 gals.; 2 res.; main res., cap., 130,000,000 gals.; dist. res. cap., 2,000,000

gals.; pump. eng., cap. day, 1,000,000 gals.; mains, c. i. & wd., 22 m., 4 to 10 in. dia.; 43 hyd.; 75 v.; 20 met.; 1,000 serv.; pipe, galv. i. & lead; pres., dom. 95 lbs.; f. 125 lbs.; cost, \$120,000; cost mtce., \$4,000; wks. owned by city.

OLATHE, p. 450; f. area, 5 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp.; vol.; undrs. rating, fifth class.

Water Supply—Src., creek, 23 m. bus. cent.; sys. grav.; res. cap., 150,000 gals.; mains, 23 m., 4 to 8 in. dia.; 14 hyd.; 300 serv.; pres., dom. & f., 80 lbs.; cost, \$65,000; cost mtce., \$600; wks. owned by city.

ORDWAY, p. 705; f. area, 200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 3 hose carts, &c.; hose, cot., rub. lined, new 400 ft., old 150 ft.; tot. hose, 550 ft.; f. al., bell & wh.; exp. dept., \$100; tot. mem., 16 vol.

Water Supply—Src., spr. & creeks, $4\frac{1}{4}$ m. bus. cent.; sys. grav. to res.; new res., cap., 10,000,000 gals.; old res., cap., 3,000,000 gals.; loc. $\frac{1}{4}$ m. bus. cent.; mains, c. i., $3\frac{1}{2}$ m., 6 & 4 in. dia.; 34 hyd.; 65 v.; pres., dom. 45 lbs., f. 140 lbs.; cons. day, 400,000 gals.; cost, \$50,000; cost mtce., \$2,000; wks. owned by city.

PALISADE, p. 900. F. dept.—2 c. hand ex., 2 hose wag., 2 hand hose reels; hose, rub. lined, gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., telp. & wh.; tot. mem., 30 vol.

Water Supply—Src., creek, cap. 840,153 gals. day; res. cap., 264,000 gals.; mains, 1 m., 4, 6 & 8 in. dia.; 17 hyd.

PUEBLO, p. 44,395; f. area, 12 $\frac{1}{2}$ sq. m.; merc. bldgs., stn. & bk., 1 to 5 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. c. & h. wag., 1 auto. pump. eng., 1 str., 1 c. eng. on wls., 18 c. hand ex., 2 h. & l. trk., 1 aer. trk., 2 comb. wag., 6 hose wag., 20 hrs.; hose, cot., rub. lined, gd., 16,800 ft.; f. al., elec., 84 bx.; val. equip., \$60,000; val. bldgs., \$32,400; exp. dept., \$69,650; tot. mem. 44, pd. full time.

Water Supply—Src., riv., $3\frac{3}{4}$ m. bus. cent.; sys. pump to stdp. & dir.; stdp. cap., 1,000,000 gals.; dim., 50 x 60; mat., stl.; res. cap., 60,000,000 gals.; 4 pump. eng. cap. day 20,000,000 gals.; mains, c. i., 70 m.; 362 hyd.; pres., dom. 90 lbs., f. 110 lbs.; cons. day, 10,000,000 gals.; wks. owned by city.

Water Supply—North side of riv.—Src., riv., 4 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 500,000 gals.; dim., 20 x 60; mat., stl.; res. cap., 80,000,000 gals.; 3 pump. eng. cap. 21,000,000 gals.; mains, wd. & c. i., 61 m.; 377 hyd.; pres., dom. 100 lbs., f. 110 lbs.; cons. day, 10,000,000 gals.; wks. owned by north side riv. taxpayers.

RIFLE, p. 698. F. dept.—6 c. hand ex., 2 hand hose reels; hose, 1,500 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., creek, cap. 648,000 gals. daily; res. cap., 396,000 gals.; mains, 3 m., 4, 6 & 8 in. dia.; 27 hyd.; pres., dom. 90 lbs., f. 120 lbs.; cost, \$60,000; wks. owned by city.

ROCKY FORD, Otero County, p. 3,230; merc. bldgs., bk., 2 & 3 stor.; priv., wd., cem. & bk., 1 & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 comb. h. & c. wag., 1 aer. ladder trk., 2 hrs.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., wh. & telp.; val. equip., \$8,000; val. bldgs., \$1,000; exp. dept., \$3,000; tot. mem., 12, pd. part time.

Water Supply—Src., 5 deep wells, in bus. cent.; sys. grav. & pump.; res. cap., 625,000 gals.; 2 pump. eng., cap. 1,000,000 gals. day; mains, c. i. & stl., 14 m.; 2 to 8 in. dia.; 37 hyd.; 49 v.; 615 met.; 600 serv.; pipe, stl.; pres., dom. 30 to 60 lbs., f. 100 lbs.; cons. day, 200,000 gals.; cost, \$12,000; cost mtce., \$7,342; wks. owned by city.

SAGUACHE, p. 620. F. dept.—2 c. eng., 1 hand eng., 6 c. hand ex., 1 hrs.; hose, 300 ft.; vol. Co.

Water Supply—Src., wells.

SALIDA, p. 4,425; merc. bldgs., bk., 1 & 2 stor.; priv., bk., 2 stor.; wd. rfs. perm.; combt. ord. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 2 hose car., reels, &c., 3 hrs.; hose, cot., rub. lined, gd., 1,950 ft.; inf., 400 ft.; tot. hose, 2,350 ft.; f. al., Gamewell, 17 bx.; val. equip., \$4,400; val. bldgs., \$5,000; tot. mem. 12, pd. men 3, vol. 9.

Water Supply—Src., spr., 2 m. bus. cent.; sys. grav.; 2 res. cap., 2,500,000 gals., loc. south of Arkansas riv.; mains, kal. & c. i., 19 m., 4 to 16 in. dia.; 64 hyd.; 86 v.; 1,006 serv.; pipe, galv. i.; pres., dom. 55 to 65 lbs., f. 75 to 90 lbs.; cons. day, 1,500,000 gals.; cost, \$190,000; cost mtce., \$1,500; wks. owned by city.

SILVER PLUME, p. 460; f. area, 101 a. F. dept.—3 hose carts, 3 ladders, 20 buckets, 8 nozzles; hose, 2,000 ft.; val. equip., \$1,500; val. bldgs., \$600; exp. dept., \$100; tot. mem., 100 vol.

Water Supply—Src., Clear creek; sys., grav.; cap. day, 1,885,000 gals.; 15 hyd.; 9 v.; 160 serv.; mains, 705 ft.; pres., dom. 70 lbs., f. 90 lbs.; cost, \$20,000; cost mtce., \$600; wks. owned by city.

SILVERTON, p. 2,153; f. area, 420 a.; merc. bldgs., wd., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$3,500; exp. dept., \$300; tot. mem., 60 vol.; undrs. rating, second class.

Water Supply—Src., mountain str., 2 m. bus. cent.; sys. grav.; mat., stn. & cem.; res. cap., 1,000,000 gals., loc. $\frac{1}{4}$ m. north of town; mains, kal. & wd., 8 m., 5 to 10 in. dia.; 23 hyd.; 50 v.; 600 serv.; pres., dom. 90 lbs., f. 90 lbs.; cost, \$65,000; cost mtce., \$1,500; wks. owned by town.

STERLING, p. 3,044; f. area, 160 a. F. dept.—1 auto. comb. c. & h. trk., 1,500 ft. cot., rub. lined hose, 200 ft. c. hose; val. equip., \$5,000; val. bldgs., \$15,000; tot. mem. 22, pd. full time 2, vol. 20.

Water Supply—Wells & spr., 7 m. bus. cent.; sys. grav.; cap. spr., 300,000 gals. day; 2 pump. eng., class centrif., combined cap. day 21,600,000 gals.; mains, c. i., 11 m., 2 to 10 in. dia.; 44 hyd.; pres., dom. 40 lbs., f. 120 lbs.; cost, \$165,000; wks. owned by city.

TELLURIDE, p. 1,756; f. area, 215 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell, wh., elec.; val. equip., \$5,000; val. bldgs., \$2,500; tot. mem., 25 vol.

Water Supply—Src., creek; sys., grav.; res. cap., 140,000 gals.; mains, $4\frac{1}{4}$ m.; 42 hyd.; pres., f. 210 lbs.; cost, \$20,000; wks. owned by town.

TRINIDAD, p. 10,204; f. area, 1,600 a.; merc. bldgs., bk. & stn., 2 to 5 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. auto. trk., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 c. wag., 3 hose car., 3 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 1,000 ft.; inf., 200 ft.; tot. hose, 4,700 ft.; f. al., Gamewell & telp., 18 bx.; val. equip., \$6,000; val. bldgs., \$6,000; exp. dept., \$5,000; tot. mem. 11, pd. full time 1, 10 vol.; undrs. rating, first class.

Water Supply—Src., melting snow Sangre de Cristo range of Rocky mts., 40 m. west city; sys. grav.; res. cap., 400,000,000 gals.; mains, c. i., stl. & wd., 66 m., 3 to 36 in. dia.; 174 hyd.; 113 v.; met., 151; 2,700 serv.; pipe, galv. stl.; pres., dom. 60 to 100 lbs., f. 80 to 125 lbs.; cons. day, 1,760,000 gals.; cost, \$911,848; cost mtce., \$17,224; wks. owned by city.

VICTOR, Teller County, p. 3,162; merc. bldgs., bk. & stn.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 2-hr. comb. wag., 1 hose car.; tot. hose, cot., rub. lined, gd., 2,800 ft.; f. al., Gamewell, 12 bx.; val. equip., \$4,000; exp. dept., \$5,000; mem. 4, pd. full time.

Water Supply—Src., mountain str.; sys., grav.; res. cap., 450,000,000 gals.; mains, 16 m.; 22 hyd.; met., 21; 2,100 serv.; cons. day, 6,000,000 gals.; cost, \$882,000; cost mtce., \$10,000; wks. owned by city.

WALSBURG, p. 2,423; f. area, 140 a.; merc. bldgs., stn., bk. & wd., 1 to 2 stor.; priv., stn., bk. & wd., 1 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 6 c. hand ex., 2 hose reels, hose, cot., rub. lined, 1,400 ft.; inf., 600 ft.; tot. hose, 2,000 ft.; f. al., bell, tel. & wh.; val. equip., \$1,600; val.

bldgs., \$250; tot. mem., 8, pd., part time 1, vol. 7; unders. rating, third class.

Water Supply—Src., riv., 10 m. bus. cent.; sys. grav.; res. cap., 30,000,000 gals.; mains, 15 m., 2 to 14 in. dia.; 50 hyd.; 75 v.; 5 met.; 515 serv.; pres., dom. 90 lbs., f. 140 lbs.; cons. day, 750,000 gals.; cost, \$130,000; cost mtce., \$2,500; wks. owned by city.

CONNECTICUT

ANSONIA, p. 15,152, merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., wd., 2½ stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 h. & l. trks., 2 hose wag., 8 hose car., reels, etc.; hose, cot., rub. lined, gd., 29,000 ft.; f. al., Gamewell, 41 bx.; val. equip., \$3,000; val. bldgs., \$35,000; exp. dept., \$300; tot. mem., 275 vol.; undra. rating, second class.

Water Supply—Src., spr.; sys. grav.; res. cap., 250,000,000 gals.; mains, 4 to 24 in. dia.; met., 200; pres., dom. 35 to 100 lbs., f. 80 to 110 lbs.; wks. owned by Co.

BETHEL, p. 3,792; merc. bldgs., wd., 1 to 4 stor.; priv., wd., 3 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 6 hand ex., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; rub., gd., 1,200 ft.; inf., 650 ft.; tot. hose, 3,550 ft.; f. al., wh.; val. equip., \$6,900; val. bldgs., \$7,500; exp. dept., \$1,400; tot. mem., 136 vol.

Water Supply—Src., res., 1¼ m. bus. cent.; sys. grav.; res. cap., No. 1 110,000,000 gals.; No. 2 55,000,000 gals.; new res., loc. 1¼ m. south town, cap. 110,000,000 gals.; res. just installed, cap. 500,000 gals.; mains, iron, 17¼ m., 16 & 12 in. dia.; 95 hyd.; 40 v.; 500 serv.; pipe, iron; pres., 114 lbs.; cost, \$40,000 (exclusive of new res.)

BLOOMFIELD, p. 1,500. F. dept.—1 str.

Water Supply—Res. No. 6 of Hartford Water Co. is loc. in Bloomfield; no water supplied town from this src.

BRANFORD, New Haven Co., p. 6,047. F. dept.—3 c. hand ex., 2 h. & l. trk., 3 hose car., 3 comb. hose ladder for hand use, reels, etc.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$7,000; tot. mem., 140 vol.

Water Supply—Src., lakes; sys. grav. to storage res., pump to distributing res.; res. cap., 2,000,000 gals., loc. on Maple hill; 1 pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. i. & galv. wrt. i., 24 m., 14 to 4 in. dia.; 2 in. wrt. iron; 84 hyd.; met., 416; 648 serv.; pipe, galv. wrt. i.; pres., dom. 45 to 65 lbs., f. 60 to 80 lbs.; wks. owned by Co.

BRIDGEPORT, p. 102,054; f. area, 13.4 a.; merc. bldgs., bk., stn. & l., 4 to 8 stor.; priv., wd., 3 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—9 str. (2 in reserve), 2 auto. c. eng., 50-gal. tk., chief's auto., 2 chief's wag., 1 auto. wag., 10 deluge sets, 9 comb. hose wag. (3 in reserve), 29 hand ex., 1 comb. h. & l. trk., 2 aer. trk. (1 h. & l. trk. in reserve), 1 c. eng., 3 supply wag., 4 fuel & exercise wag., 10 hose wag., 4 of which are equipped with 35-gal. c. tk., 45 hrs. (7 in reserve); hose, cot., rub. lined, gd., 25,000 ft. (14,000 ft. in reserve); tot. hose, 39,000 ft.; f. al., Gamewell, 212 bx.; val. equip., \$270,000; val. bldgs., \$178,000; exp. dept., \$206,044; tot. mem., 137, pd. full time.

Water Supply—Src., brooks, 2 to 10 m. bus. cent.; sys. grav., pump, mainly grav. to res.; storage cap., 4.5 billion gals., loc. at North Bridgeport & Fairfield; 3 pump. eng., cross comp., cap. day 23,000,000 gals.; mains, c. i. & cem., 161 m., 4 to 36 in. dia.; 1,010 hyd., 1,500 v.; met., 1,869; 14,725 serv.; pipe, iron & lead; pres., dom. 44 to 75 lbs.; cons. day 24,800,000 gals.; wks. owned by Co.

BRISTOL, Hartford Co., p. 13,502; merc. bldgs., bk., 3 & 4 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfa. not perm.; fwks. & combt. ord. F. dept.—3 auto. comb. c. & h. wag., 2 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 1,000 ft.; tot. hose, 6,000 ft.; f. al., gongs & bell; val.

equip., \$20,000; val. bldgs., \$14,400; tot. mem., 136, pd. full time 3, pd. part time 133.

Water Supply—Src., brooks & riv., 3 to 8 m. bus. cent.; sys. grav.; stdp. cap., 150,000 gals., dim. 30 x 35, mat. stl.; res. cap., 425,000,000 gals.; mains, c. & wrt. i., 40.98 m., 1 to 14 in. dia.; 133 hyd.; 298 v.; 1,595 met.; 1,961 serv.; pipe, galv. i.; pres., dom. 60 to 130 lbs.; cons. day, 1,236,000 gals.; wks. owned by Co.

BROAD BROOK, p. 900. F. dept.—1 comb. c. & h. wag., 4 c. hand ex., 1 hose cart; f. al., bell; tot. mem., 30.

Water Supply—Src. & sys. not reported; 2 pumps, 12 hyd.; pres., 50 lbs.

CHESTER, p. 1,450. F. dept.—1 hose cart, 1,200 ft. hose; val. equip., \$600; val. bldgs., \$200; tot. mem., 26 vol.

Water Supply—Src., res.; sys. grav.; 15 hyd.; pres., f. 100 lbs.; wks. owned by Guilford & Chester Water Co.

CLINTON, p. 1,400; f. area, 9 sq. m. F. dept.—1 auto. trk., 1,000 ft. hose; exp. dept., \$200; tot. mem., 30 vol.

Water Supply—Sys., grav.; mains, c. i., 70 m., 4 to 16 in. dia.; 29 hyd.; pipe, lead; pres., dom., 67 to 110 lbs.; wks. owned by Co.

COLCHESTER, p. 2,000. F. dept.—1 hand eng., 1 str.

Water Supply—Src., wells & cisterns; sys. grav.

COLLINSVILLE, p. 2,425; f. area, 2 sq. m.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; no fwks. & combt. ord. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 4 hose wag.; hose, cot., rub. lined, gd., 1,600 ft.; rub., gd., 500 ft.; tot. hose, 2,400 ft.; f. al.; bell; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$250; tot. mem., 26 vol.

Water Supply—Src., spr., 2½ m. bus. cent.; sys. grav.; res. cap., 3,000,000 gals.; 1 pump. eng., cap. 300 to 800 gals. min.; mains, c. i., 10¼ m., 4 & 8 in. dia.; 12 hyd.; 31 v.; pres., dom. 40 lbs., f. 90 lbs.; wks. owned by Co.

CROMWELL, p. 2,031; merc. bldgs., stn., bk. & wd.; wd. rfa. perm. F. dept. not reported.

Water Supply—Src., spr., 1 m. bus. cent.; sys. pump to stdp.; stdp. cap., 146,000 gals., dim. 25 x 40, mat. stl.; 2 pump. eng., class trip., cap. day 138,000 gals.; mains, iron, 9 m., 1 to 8 in. dia.; 58 hyd.; 17 v.; met., 15; 200 serv.; pipe, galv. i.; pres., f. 75 lbs.; cost, \$80,000; cost mtce., \$1,200; wks. owned by Co.

DANBURY—p. 20,234; f. area, 10,000 a.; merc. bldgs., bk., stn. & wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. c. & h. wag. with 40-gal. c. tk. & 800 ft. 2½-in. hose, 1 auto. hose wag., 1 str., 14 c. hand ex., 1 aer. tk., 2 hose wag., 6 hose carts, 9 hrs.; hose, cot., rub. lined, gd., 6,700 ft.; inf., 3,000 ft.; tot. hose, 9,700 ft.; f. al., elec., 47 bx.; val. equip., \$30,000; val. bldgs., \$70,000; exp. dept., \$22,000; tot. mem., 241, pd. part time 41, vol. 200.

Water Supply—Src., surface water, 3 m. bus. cent.; sys. grav.; res. cap., 2,160,427,375 gals.; mains, cem. & i., 60 m., 6 to 16 in. dia.; 400 hyd.; 600 v.; mains, 16,100 ft., 20 to 30 in. dia., cem. & i.; pres., dom. 85 to 90 lbs., f. 65 lbs.; cost, \$225,000; cost mtce., \$4,500; wks. owned by city.

DANIELSON, p. 2,823; f. area, 500 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd. & bk., 2½ stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 3 c. ex., 4 hose car., 1 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 600 ft.; tot. hose, 4,100 ft.

f. al., Gamewell, bell & wh., 12 bx.; val. bldgs., \$1,800; exp. dept., \$800; tot. mem., 46, pd. part time; undra. rating, second class.

Water Supply—Src., spr. & brooks; sya., grav.; mains, 12 m., 4 to 12 in. dia.; 57 hyd.; met., 32; pres., dom. 56 lbs., f. 75 to 100 lbs.; wks. owned by Crystal Water Co.

DARIEN, p. 3,946; merc. bldgs., wd., 2 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto c. eng., 2 c. eng., 1 hand c. eng., 2 hose car., 10 c. hand ex., 2 h. & 1. trks., 2 hrs.; 2,550 ft. hose; f. al., bell; val. equip., \$6,000; val. bldgs., \$6,000; tot. mem., 160 vol.

Water Supply—Wells.

DEEP RIVER, p. 1,325; f. area, 1½ m.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 auto. trk., 1 c. eng., 6 c. hand ex., 1 h. & 1. trk., 1 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 500 ft.; tot. hose, 1,750 ft.; f. al., Gamewell; val. equip., \$3,000; val. bldgs., \$1,500; exp. dept., \$200; tot. mem., 60 vol.

Water Supply—Src., Chester Water Co., 1 m. bus. cent.; mains, c. l., 20 m., 4 to 14 in. dia.; 20 hyd.; pres., f. 110 lbs.

DERBY, p. 8,991; f. area, 30 a.; merc. bldgs., wd. & bk., 2 to 4 stor.; priv., wd., 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—9 c. hand ex., 1 h. & 1. trk., 5 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 300 ft.; tot. hose, 5,300 ft.; f. al., elec., 38 bx.; val. equip., \$10,000; val. bldgs., \$12,000; exp. dept., \$3,000; tot. mem., 215 vol.

Water Supply—Src., spr. & surface water; sya., grav.; mains, c. l., 21 m., 4 to 20 in. dia.; 84 hyd.; pres., f. 60 to 112 lbs.; wks. owned by Co.

EAST HAMPTON, p. 3,000; f. area, 2,000 a. F. dept.—1 c. eng.; val. equip., \$150; vol.

Water Supply—Src., Pocotopang Lake.

EAST HARTFORD, p. 8,138; f. area, 2½ m.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. perm.; causes of f. inv. F. dept.—3 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; val. equip., \$2,400; val. bldgs., \$4,500; exp. dept., \$450; tot. mem., 100 vol.

Water Supply—Src., brook, 9 m. bus. cent.; sya., grav.; res. cap., 1,500,000 gals.; loc. at East Glastonbury; mains, c. l., 29 m., 1½ to 16 in. dia.; 97 hyd.; 212 v.; 12 met.; 1,110 serv.; pipe, galv. l.; pres., dom. 50 lbs., f. 60 lbs.; cost, \$305,000; cost mtce., \$3,000; wks. owned by E. Hartford Dist.

EAST HAVEN, p. 1,795; f. area, 75 a.; merc. bldgs., wd., 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 c. eng. on wls., 2 c. hand ex., 1 h. & 1. trk., 1 hose car.; hose, cot., rub. lined, gd., 850 ft.; inf., 150 ft.; tot. hose, 1,000 ft.; f. al., bell; tot. mem., 50 vol.

Water Supply—Supplied by New Haven Water Co.; 22 hyd.; pres., 50 to 55 lbs.

EAST NORWALK, p. 4,000; consolidated with city of Norwalk.

ELLINGTON, p. 1,829. No f. dept.

Water Supply—Src., spr.; sya., grav.; mains, iron & wd., 2 m., 2 to 3 in. dia.; 55 serv.; pres., dom. 60 lbs., f. 80 lbs.; cost, \$2,500; cost mtce., \$75; wks. owned by priv. Co.

ENFIELD, p. 9,719; height of bldgs., 1 to 3 stor.; dwellings, 2½ & 3 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 comb. c. & hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; inf., 600 ft.; tot. hose, 1,800 ft.; val. equip., \$1,000; val. bldgs., \$650; exp. dept., \$150; tot. mem., 26.

Water Supply—Src., spr., 2 m. bus. cent.; sya., pump; stdp. cap., 876,000 gals.; dim. 40 x 40 ft.; mat. iron; 2 pump. eng., cap. day 2,250,000 gals.; mains, cem. & c. l., 1 to 20 m., 4 to 12 in. dia.; 76 hyd.; 100 v.; met., 24; serv., 1,200; pipe, c. l.; pres., dom. 20 to 95 lbs., f. 20 to 95 lbs.; cons., day 800,000 gals.; wks. owned by Co.

ESSEX, p. 2,745; f. area, 10,840 a.; merc. bldgs., wd. & bk., 1 to 5 stor.; priv., wd., 2½

stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; tot. mem., 60 vol.

Water Supply—Chester Water Co.

FAIRFIELD, p. 6,134. F. dept.—2 c. ex., 1 h. & 1. trk., 1 hose cart; tot. mem., 60.

Water Supply—From Bridgeport Hydraulic Co.; 28 hyd.; pres., 80 lbs.

FARMINGTON, p. 3,478; f. area, 75 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 2 hose wag.; 1 hand hose cart; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$800; val. bldgs., \$1,000; exp. dept., \$400; tot. mem., 44 vol.; undra. rating, first class.

Water Supply—Src., ¾ m. bus. cent.; sya., grav.; res. cap., 60,000,000 gals., loc. in town; mains, c. l., 4,000 ft., 10 in. dia.; 32 hyd.; 20 v.; met., 1; 129 serv.; pres., dom. 62 lbs., f. 62 to 80 lbs.; cons., day 300,000 gals.; cost, \$39,500; wks. owned by Co.

FORESTVILLE, p. 1,800. F. dept.—1 str., 1 hose cart, 1 supply wag.; hose, 1,000 ft.; tot. mem., 40.

Water Supply—Src., res., 5 to 8 m. bus. cent.; sya., grav.; stdp. cap., 185,000 gals.; res. cap., 422,000 gals.

GRANBY, p. 1,299. No f. dept.

Water Supply—Src., brook; sya., pump to stdp.; res. cap., 80 bbls.; pump. eng., cap. day 65,200 bbls.; mains, 1½ m., 3 in. dia.; pres., f. 100 lbs.; cost, \$5,500; cost mtce., \$200; wks. owned by Co.

GREENWICH, p. 16,463; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 & 3 stor. F. dept.—1 auto. c. wag., 1 auto. c. & h. comb. wag., 1 auto. hose wag., 1 str., 8 c. hand ex., 1 h. & 1. trk., 1 comb. h. & 1. & h. wag., 2 hose reels, 1 patrol wag., 2 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; rub., gd., 1,000 ft.; tot. hose, 5,000 ft.; f. al., Gamewell; val. equip., \$25,000; val. bldgs., \$15,000; tot. mem., 176, pd. full time 3, vol. 172.

Water Supply—Src., lakes; sya., grav.; stdp. cap., 1,250,000 gals., 80 x 36, 2 m. res., mat. iron; cap. plant, 4,000,000 gals.; res. cap., 1,000,000, 000 gals.; mains, 51 m., 4 to 20 in. dia.; 143 hyd., 25 priv. wd.; 1,750 serv.; pipe, galv. l.; pres., dom. 40 lbs., f. 40 to 120 lbs.; cons., day 1,000,000 gals.; wks. owned by Co.

GROTON, p. 6,495; f. area, 2 m. long, ½ mile wide; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & 1. trk., 2 c. hand ex., 2 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., wh.; val. equip., \$1,200; tot. mem., 73 vol.

Water Supply—Src., well & lake, 3 m. bus. cent.; sya., pump to stdp.; stdp. cap., 344,000 gals., dim. 30 x 66, loc. in Groton, mat. iron; 2 pump. eng., class triple, size 10 x 8, cap. day 700,000 gals.; mains, c. l., 11 m., 4 to 10 in. dia.; 58 hyd.; 21 v.; met., 10; 369 serv.; pipe, galv. l.; pres., dom. 34 to 84 lbs., f. 84 lbs.; cost, \$300,000; wks. owned by town.

GUILFORD, p. 3,001. F. dept.—2 hand eng., 1 h. & 1. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; tot. mem., 80 vol.

Water Supply—Src., brook; sya., grav.; 50 hyd.; pres., dom. 65 lbs., f. 65 lbs.

HARTFORD, p. 98,915, f. area, 18 sq. m.; merc. bldgs., bk. & stn., 2 to 9 stor.; priv., stn., bk. & wd., 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 tractor str., 3 auto. comb. c. & h. str., 10 str., 5 auto. hose wag., 5 comb. c. & h. wag., 34 c. hand ex., 2 h. & 1. trk., 2 aer. trk., 50 hrs.; hose, cot., rub. lined, 35,000 ft.; f. al., Gamewell, 179 bx.; exp. dept., \$209,500; tot. mem., 157; pd. full time.

Water Supply—Src., mountain res., 5 m. bus. cent.; sya., grav.; storage res., cap. 2,025,000,000 gals.; mains, c. l., 157 2-5 m., 3 to 30 in. dia.; 1,264 hyd.; 2,622 v.; met., 12,377; 12,621 serv.; pipe, galv. l.; pres., dom. 70 lbs., f. 70 lbs.; cons., day, 8,051,000 gals.; cost, \$3,675,191; cost mtce., \$102,003.

HAZARDVILLE, p. 3,000. F. dept.—1 str., 2 c. hand ex., 2 hose carts; tot. mem., 50.

Water Supply—Src., spr. & artesian well; sya., pump to storage tk.; 18 hyd.; pres., 30 lbs.

HOTCHKISSVILLE, p. 400. F. dept.—1 c. eng., 1 60-gal. c. eng., 18 hand ex., 14 palls; val. equip., \$500; tot. mem., 25 vol.

Water Supply—None.

JEWETT CITY, p. 2,300; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 2 to 5 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 10 c. hand ex., 1 comb. c. & h. wag., 3 hose reels; hose, cot., rub. lined, gd., 1,600 ft.; inf., 300 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$2,500; exp. dept., \$1,208; tot. mem., 55 vol.

Water Supply—Src., brooks & spr., 5 m. bus. cent.; sys., grav.; res. cap., 95,000,000 gals.; loc. on Stone hill; mains, iron, 10 m., 6 to 12 in. dia.; 58 hyd.; 38 v.; met., 9; 254 serv.; pipe, galv. i.; pres., dom. 120 lbs., f. 120 lbs.; cost, \$143,754; wks. owned by Co.

KENT, p. 300; f. area, 200 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$750; exp. dept., \$100; tot. mem., 26 vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; mains, iron, 2½ m., 6 in. dia.; 10 hyd.; 50 serv.; pipe, lead & iron; pres., dom. 65 lbs., f. 65 lbs.; cost, \$15,000; cost mtce., \$100; wks. owned by Co.

LAKEVILLE, p. 1,500; f. area, 700 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—2 hose carts, 1 h. & l. trk., 2 large size f. ex.; hose, cot., rub. lined, gd., 1,100 ft.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; mains, iron, 3¼ m., 4 to 10 in. dia.; 35 hyd.; pres., dom. 145 lbs., f. 145 lbs.; cost, \$60,000; cost mtce., \$600; wks. owned by Co.

LITCHFIELD, p. 3,005. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; inf., 600 ft.; tot. hose, 2,500 ft.; tot. mem., 75 vol.

Water Supply—Src., riv., 5 m. bus. cent.; sys., grav.; stdp. dim., 35 x 30, mat. iron; res. loc. 1 m. north of town; 2 pump. eng., cap. day, 250,000 gals.; mains, iron, 10½ m., 4 to 8 in. dia.; 49 hyd.; pres., dom. 80 lbs., f. 80 lbs.; cost, \$100,000; cost mtce., \$1,500; wks. owned by Co.

MADISON. F. dept.—1 hose wag., 1,650 ft. hose; val. equip., \$200; tot. mem., 30 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; 35 hyd.; pres., dom. 60 lbs., f. 60 lbs.; wks. owned by priv. Co.

MANCHESTER, p. 13,641; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; inf., 400 ft.; tot. hose, 2,500 ft.; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 90 vol.

Water Supply—Src., ponds, 3 m. bus. cent.; sys., grav.; mains, cem., 10 m., 4 to 16 in. dia.; 62 hyd.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$45,000; wks. owned by Co.

MERIDEN, p. 27,265; f. area, 2,516 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. h. & c. eng., 14 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 3 hose wag., hose reel, 15 hrs.; hose, cot., rub. lined, gd., 8,800 ft.; fair, 1,550 ft.; inf., 550 ft.; tot. hose, 10,900 ft.; f. al., Gamewell, 64 bx.; val. equip., \$42,300; val. bldgs., \$60,400; exp. dept., \$37,508; tot. mem., 87; pd. ful. time 21, pd. part time 43, vol. 23; undra. rating, first class.

Water Supply—Src., surface water, 2 to 4½ m. bus. cent.; sys., grav., pump to res.; res. cap., 630,000,000 gals.; 1 safety boiler, 171 hp.; 2 turbine boilers, 100 hp. each; 2 pump. eng., class comp. dup., cap. day, 10,000,000 gals.; mains, iron, 49 m., 4 to 20 in. dia.; 387 hyd.; met., 250; 4,100 serv.; pipe, galv. i.; pres., dom. 65 to 110 lbs., f. 40 to 115 lbs.; cons., day 3,000,000 gals.; cost, \$700,000; cost mtce., \$12,000; wks. owned by city.

MIDDLETON, p. 11,181; merc. bldgs., bk. & wd., 4 stor.; priv., bk. & wd., 2½ stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—8 c. hand ex., 1 auto. comb. c. & h. wag., 1 h. & l. trk., 1 comb. c. & h. wag., 1 hose wag., 5 hrs.;

hose, cot., rub. lined, gd., 5,000 ft.; f. al., wh., 27 bx.; val. equip., \$10,000; val. bldgs., \$30,000; exp. dept., \$12,000; tot. mem., 150, pd. full time 8, vol. 142.

Water Supply—Src., from 2 res., 4-5 m. city; sys., grav.; res. cap., 520,000,000 gals., loc. south & west from city; mains, c. i., 36 m., 4 to 20 in. dia.; 218 hyd.; 347 v.; met., 31; 2,400 serv.; pipe, wrt. i.; pres., dom. 60 lbs., f. 125 lbs.; cons., day 2,000,000 gals.; cost, \$619,321.86; cost mtce., \$12,000; wks. owned by city.

MILFORD, p. 4,366; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfa. perm.; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 1 auto. comb. c. & h. wag., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,600 ft.; f. al., elec., 9 bx.; val. equip., \$9,000; val. bldgs., \$1,500; tot. mem., 70 vol.

Water Supply—Src., brook, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 250,000 gal., dim. 20 x 100, mat. iron; pump. eng., class dup.; mains, c. i., 26 m., 4 to 14 in. d.a.; 100 hyd.; pipe, lead; pres., dom. 47 lbs.; wks. owned by Co.

MYSTIC, p. 5,000; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,700 ft.; rub., gd., 2,000 ft.; inf., 100 ft.; tot. hose, 3,800 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$2,500; tot. mem., 110 vol.

Water Supply—Src., 2 res., 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 200,000 gals.; 2 res., cap. 60,000,000 gals.; 2 pump. eng., cap. 2,000,000 gals.; mains, c. i. & stl., 23 in., 4 to 12 in. dia.; 116 hyd.; 16 met.; 1,862 serv.; cons., day, 800,000 gals.; cost, \$336,880; wks. owned by Co.

NAUGATUCK, p. 12,722; f. area, 1,500 a.; merc. bldgs., bk. & wd., 1 to 6 stor.; priv., bk. & wd., 1 to 4 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 4 hand hose reels; hose, cot., rub. lined, gd., 4,700 ft.; f. al., Gamewell, 34 bx.; exp. dept., \$4,000; tot. mem., 91 vol.

Water Supply—Src., spr. & brook, 1 to 4 m. bus. cent.; sys., grav. to res.; res. cap., 185,000,000 gals.; mains, c. i., 40 m., 4 to 20 in. dia.; 308 v.; 135 hyd.; 1,530 serv.; pres., dom. 45 to 110 lbs.; cost, \$375,000; cost mtce., \$4,000.

NEW BRITAIN, p. 43,916; causes of f. inv. F. dept.—3 str., 9 c. hand ex., 1 h. & l. trk., 1 aer. trk., 5 comb. c. & h. wag. (1 in reserve), 16 hrs. (2 in reserve); hose, cot., rub. lined, gd., 10,000 ft.; rub., gd., 1,050 ft.; tot. hose, 11,050 ft.; f. al., Gamewell, 73 bx.; exp. dept., \$40,000; tot. mem., 85; pd. full time 27; undra. rating, first class.

Water Supply—Src., canals & brooks, 8 m. bus. cent.; sys., grav.; res. cap., 1,480,000,000 gals., loc. at Southington; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 70 m., 4 to 20 in. dia.; 608 hyd.; met., 4,500; 1,143 v.; 4,600 serv.; pipe, wrt. i.; pres., dom. 80 lbs., f. 80 lbs.; cons., day 4,000,000 gals.; cost, \$2,375,000; cost mtce., \$50,000; wks. owned by city.

NEW CANAAN, p. 3,667; f. area, 150 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor. F. dept.—1 auto. comb. c. & h. wag., 1 gas eng., 300 gals. per min., 1 Eastman deluge set, cap. 800 gals. per min., 8 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$12,400; val. bldgs., \$4,000; exp. dept., \$1,600; tot. mem., 95 vol.

Water Supply—Src., riv., 3 m. bus. cent.; sys., grav.; res. cap., 80,000,000 gals., loc. at riv.; mains, cem. & stl.; 46 hyd.; pres., dom. 60 lbs.; wks. owned by Co.

NEW HARTFORD, p. 3,424; merc. bldgs., wd., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfa. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; tot. mem., 30 vol.; undra. rating, second class.

Water Supply—Src., brook; res. cap., 100,000 gals.; mains, 6 m., 4 to 12 in. dia.; 60 hyd.; met., 20; pres., f. 72 lbs.; cost, \$62,000; wks. owned by Co.

NEW HAVEN, p. 133,605; f. area, 6,291 a.; merc. bldgs., bk. & wd., 1 to 8 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 chiefs auto., 1 auto. trk., f. al., 1 chief's wag., 1 auto. comb. c. eng. & hose wag., 1 auto. comb. pump & hose wag., 8 auto. str., 1 squad auto., 4 str. (3 str. in reserve), 2 h. & l. trk. (1 h. & l. trk. in reserve), 36 c. hand ex., 1 aer. trk., 1 comb. aer. & ladder trk., 8 comb. c. & h. wag., 1 comb. c. eng. & h. & l. trk., 6 hose wag. (2 hose wag. in reserve), 5 fuel wag., 3 exercise wag., 1 c. eng. in reserve, 52 hrs. (6 in reserve); hose, cot., rub. lined, gd., 26,050 ft. (in reserve 4,500 ft.); f. al., Gamewell, 239 bx.; val. equip., \$264,000; val. bldgs., \$224,000; exp. dept., \$235,997; tot. mem., 223, pd. full time 170, 53 substitutes.

Water Supply—Src., riv. & lakes, 2 to 6 m. bus. cent.; sys., grav., pump to res.; res. cap., 3,520,000 gals.; 7 pump. eng., cap. day 52, 720,000 gals.; mains, iron, 220 m., 4 to 36 in. dia.; 1,097 hyd.; met., 2,707; serv., 21,731; pres., dom., 45 lbs.; cons. day, 23,262,000 gals.; wks. owned by Co.

NEWINGTON, p. 1,041; merc. bldgs., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & comb. ord. No f. dept.

Water Supply—Src., mountain strm.; sys., grav.; res. cap., 1,000 gals.; mains, 3 m., ½ to 2 in. dia.; 100 serv.; pipe, galv. i.; pres., dom. 100 lbs.; f. 100 lbs.; cost, \$5,000; cost mtce., \$100; wks. owned by Co.

NEW LONDON, p. 19,659; f. area, 5½ sq. m.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 16 c. hand ex., 1 h. & l. trk., 5 hose wag., 1 auto. comb. c. & h. wag., 1 auto. comb. c. & h. wag. with pump. attachment (1 40-gal. hand c. in reserve), 1 h. & l. trk., 2 hand reels with 1,000 ft. hose; hose, cot., rub. lined, gd., 7,750 ft.; rub. gd., 1,250 ft.; tot. hose, 9,000 ft.; f. al., Gamewell, 3 bells, 38 bx.; val. equip., \$25,450; val. bldgs., \$35,000; exp. dept., \$15,000; tot. mem., 500, pd. full time 3, pd. part time 4, vol. 493.

Water Supply—Src., 2 res., 6½ & 10½ m. bus. cent., cap. 770,000,000 gals.; sys., grav. & pump to stdp. & res.; stdp. cap. 90,000 gals., dim. 26 x 26, mat. wrt. i.; res. cap., 545,000 gals., loc. about 1½ m. cent. city; mains, c. & wrt. i., 70.6 m., 4 to 24 in. dia.; 400 hyd.; 623 v.; met., 940; 4,402 serv.; pipe, galv. i. & lead; pres., dom. 35 to 60 lbs.; cons. day, 2,986,452 gals.; cost, \$1,236,541; cost mtce., \$13,971; wks. owned by city.

NEW MILFORD, p. 5,010; f. area divided into 11 districts; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—25 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell, operated from tel. office by Gamewell system; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$800; tot. mem., 91 vol.

Water Supply—Src., mountain strm., 1¼ m. bus. cent.; sys., grav.; res. cap. (3), 60,000,000 gals.; mains, 7 m., 1 to 12 in. dia.; 40 hyd.; met., 2; pipe, galv. i.; pres., f. 150 lbs.; cost, \$115,000; cost mtce., \$2,000; wks. owned by Co.

NOANK, p. 1,500. F. dept.—1 hand eng., 1 auto. str., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 1,000 ft. hose; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,500; exp. dept., \$200; tot. mem., 80 vol.

Water Supply—Src. & sys., not reported; 4 hyd.

NORFOLK, p. 1,614; f. area, 1,000 a.; merc. bldgs., etn., bk. & wd., 1 to 3 stor., priv., wd., 1 to 3 stor.; wd. rfs. perm. F. dept.—1 auto. comb. c. & h. trk., 9 c. hand ex., 1 h. & l. trk., 1 h. & l. wag., 6 hose car.; hose, cot., rub. lined, gd., 2,800 ft., inf. 400 ft.; tot. hose, 3,200 ft.; f. al., elec.; val. equip., \$6,000; exp. dept., \$1,000; tot. mem., 91 vol.

Water Supply—Src., lake, 3¼ m. bus. cent.; sys., grav.; mains, c. i., 8 m., 4 to 12 in. dia.; 65 hyd.; pres., dom. 40 to 200 lbs., f. 40 to 200 lbs.; wks. owned by Co.

NORTH CANAAN, p. 2,000; priv. bldgs., wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 c. eng., 2 hose car., 650 ft. hose.

Water Supply—Src., spr.; sys., grav.; res. cap., 3,000,000 gals.; 1 pump eng., cap. 260 gal. min.;

mains, 7 m., 1 to 6 in. dia.; 10 hyd.; 350 serv.; pres., f. 80 lbs.; cost, \$20,000.

NORTH HAVEN, p. 2,800; f. area, 500 a. F. dept.—1 c. eng., 1 hose reel, 650 ft. hose; val. equip., \$1,000; val. bldgs., \$800; tot. mem., 34 vol.

Water Supply—Src., well; sys., grav.; 8 hyd.; mains, 10 m., 12 in. dia.; pres., dom. 80 lbs., f. 92 lbs.; wks. owned by New Haven Water Co.

NORWALK, p. 6,954; f. area, 1½ sq. m.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & hose wag., 10 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 2,800 ft.; rub. gd., 300 ft.; inf., 550 ft.; tot. hose, 3,150 ft.; f. al., wh., 13 bx.; val. equip., \$5,500; val. bldgs., \$7,600; exp. dept., \$1,600; tot. mem., 90, pd. full time 1, vol. 89.

Water Supply—Src., riv., 7 m. bus. cent.; sys., grav.; res. cap., 700,000,000 gals., located at New Canaan, Ct., and Lewisboro, N. Y.; mains, cem. & l., 50 m., 4 to 16 in. dia.; 350 hyd.; met., 20; 1,560 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 75 lbs.; cons., day 2,000,000 gals.; cost mtce., \$1,500; wks. owned by city.

NORWICH, p. 20,367; f. area, 5 3-10 sq. m.; merc. bldgs., bk. & wd., 2 to 6 stor.; priv., bk. & wd., 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 str., 8 comb. c. & h. wag., 20 c. hand ex., 1 aer. trk., 1 city size trk., 4 hose wag., 1 hose car., 12 hrs.; hose, cot., rub. lined, gd., 12,800 ft.; 800 ft. c. hose; f. al., Gamewell, 61 bx.; storage battery, six-circuit sys., Gamewell & telg.; val. equip. & bldgs., \$137,425; exp. dept., \$31,000; tot. mem., 104, pd. full time 22, call men 32, vol. 50; undra. rating, first class.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; 2 res. cap., 838,000,000 gals.; mains, c. i., 59 m., 4 to 24 in. dia.; 461 hyd.; met., 700; 3,800 serv.; 450 v.; pipe, lead; cons., day 2,000,000 gals.; cost, \$1,600,000; cost mtce., \$15,000; wks. owned by city.

PAWCATUCK, p. 700. F. dept.—2 c. ex., 3 hose carts; al., Gamewell; hose, 500 ft.; tot. mem., 40.

Water Supply—Src. & sys., not reported; 48 hyd.; pres., 90 lbs.; supplied by Westerly Water wks.

PLAINFIELD, F. dept.—1 c. eng., 8 hand ex., hose reel, 500 ft. cot., rub. lined hose, 3 ax., 2 bare buckets, etc.; f. al., bell; val. equip., \$2,000; tot. mem., 37 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 2 pump. eng.; 10 hyd.; wks. owned by corpn.

PLAINVILLE, p. 2,882; f. area, 1,200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—6 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 1,700 ft.; f. al., wh.; val. equip., \$1,510; val. bldgs., \$20,000; exp. dept., \$100; tot. mem., 35 vol.

Water Supply—Src., wells & res., 2¼ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap. 325,000 gals.; res. cap. 165,000,000 gals.; loc. on East mountains, in town of Southington; pump eng., cap. 300,000 gals. per 10 hrs.; mains, c. i. & cem., 11.7 m., 4 to 12 in. dia.; 44 v.; 51 hyd.; 70 met., 431 serv.; pres., dom. & f. 100 to 110 lbs.; wks. owned by Plainville Water Co.

PLYMOUTH, p. 5,021. No f. dept.
Water Supply—Src., wells; sys., grav.; mains, ¼ m., 1½ in. dia.; 1 serv.; pres., dom. 100 lbs., f. 100 lbs.; cost, \$1,000; cost mtce., \$10; wks. owned by W. N. Austin.

PORTLAND, p. 3,425; f. area, 8 sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., etn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 2 hose wag., 2 hose carts, 1 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 700 ft.; tot. hose, 3,200 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$4,000; exp. dept., \$3,195; tot. mem., 75 vol.

Water Supply—Src., strm., 6 m. bus. cent.; sys., grav.; res. cap., 60,000,000 gals., loc. ft. of mountain; mains, c. i., 16 m., 4 to 12 in. dia.; 85 hyd.; 46 v.; met., 5; 620 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 100 lbs.; cons., day 86,000 gals.; wks. owned by priv. Co.

PUTNAM, p. 6,637; merc. bldgs., bk & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—8 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose reels, 7 hrs.; hose, cot., rub. lined, gd., 4,450 ft.; f. al., Gamewell, 16 bx.; val. equip., \$11,800; val. bldgs., \$5,000; exp. dept., \$4,966; tot. mem., 74 vol.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 237,000 gals.; pump. eng., cap. day 2,250,000 gals.; mains, 18 in., 4 to 10 in. dia.; 95 hyd.; met., 100; 1,000 serv.; pres., f. 75 lbs.; cost, \$170,000.

RIDGEFIELD, p. 3,118; f. area, 300 a.; merc. bldgs., wd., 2 to 3 stor.; priv., wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. on wls, 2 c. hand ex., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 300 ft.; tot. hose, 2,300 ft.; exp. dept., \$510; tot. mem., 90 vol.

Water Supply—Src., spr. & lakes, $\frac{3}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 190,000 gals., dim. 80 x 20, mat. stl.; 2 pump. eng., class trip., cap. day 600,000 gals.; mains, c. i., 9 in., 6, 8 & 10 in. dia.; 90 hyd.; 130 serv.; pipe, galv. i.; pres., dom., 75 lbs., f. 90 lbs.; cons., day 77,500 gals.; cost, \$185,000; cost mtce., \$8,500; wks. owned by Co.

ROCKVILLE, p. 7,977; f. area, 11,000 a.; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 comb. c. & h. wag., 6 c. hand ex., 1 h. & 1 trk., 5 hose car., reels, &c.; hose, cot., rub. lined, gd., 4,075 ft.; inf., 400 ft.; tot. hose, 4,475 ft.; f. al., Gaynor elec., 24 bx.; val. equip., \$13,000; val. bldgs., \$12,000; exp. dept., \$5,885; tot. mem., 56, pd. part time.

Water Supply—Src., lake, $\frac{3}{4}$ m. bus. cent.; sys., grav.; stdp. cap., 317,000 gals., dim. 80 x 60, mat. stl.; 1 pump. eng., class triple-acting dup., cap. day 400,000 gals.; mains, c. i., 23 in., 6 to 20 in. dia.; 114 hyd.; met., 400; pipe, lead; pres., dom. 30 to 100 lbs., f. 30 to 100 lbs.; wks. owned by priv. Co.

ROWAYTON, p. 650. F. dept.—4 c. hand ex., 1 h. & 1 trk., extension 18 ft., 2 hose carts, hose, 1,100 ft., 2 ext. hand, 2 doz. f. buckets; tot. mem., 100.

Water Supply—Src. & sys., not reported; 25 hyd.; pres., 90 lbs.

SALISBURY, p. 3,522; merc. bldgs., wd.

Water Supply—Src., mountain str., supplied by Lakeville Water Co.; sys., grav.; res. cap., 16,000,000 gals.; mains, 4 to 10 in. dia.; 35 hyd.; pres., 90 to 150 lbs.

SAYBROOK, p. 1,760; f. area, 1,440 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 900 ft.; rub. gd., 100 ft.; inf., 150 ft.; tot. hose, 1,150 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$2,500; tot. mem., 60 vol.

Water Supply—Not reported.

SEYMOUR, p. 4,786; merc. bldgs., wd., bk. & stn. F. dept.—1 auto. c., 1 str., 4 c. hand ex., 1 h. & 1 trk., 6 hose carts; hose, cot., rub. lined, gd., 4,000 ft.; rub. gd., 125 ft.; tot. hose, 4,125 ft.; f. al., Gamewell; val. equip., \$6,000 val. bldgs., \$2,000; exp. dept., \$1,000; tot. mem., 75 vol.

Water Supply—Src., str., about 3 m. town; sys., grav.; 50 hyd.; pres., dom. 110 lbs., f. 110 lbs.; cost, \$60,000; cost mtce., \$15,000 to \$20,000; wks. owned by Co.

SHARON, p. 1,982. F. dept.—1 c. eng., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 700 ft.; inf., 300 ft.; tot. hose, 1,000 ft.; f. al., bell; tot. mem., 35 vol.

Water Supply—Src., str., $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 300,000 gals.; mains, stl., 3 in., 4, 6 & 8 in. dia.; 23 hyd.; 10 v.; pres., dom. 75 lbs., f. 75 lbs.; cons. day 200,000 gals.; cost, \$38,000; cost mtce., \$600; wks. owned by Co.

SHELTON, p. 5,500. F. dept.—2 c. hand ex., 1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; rub., 250 ft.; inf., 100 ft.; tot. hose, 3,350 ft.; f. al., Gamewell, 17 bx.; tot. mem., 85 vol.

Water Supply—Shelton Water Co.; src., creeks & res., 2 m. bus. section; sys., grav.; mains, c. i., 7.85 in., 2 to 8 in. dia.; 51 hyd.; 225 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 60 to 100 lbs.; cost, \$36,900; wks. owned by priv. Co.

SIMSBURY, p. 2,537. No org. f. dept.

Water Supply—Src., brooks, 4 m. bus. cent.; sys., grav.; res. cap., 4,000,000 gals.; mains, $1\frac{1}{2}$ in., 6 in. dia.; 12 hyd.; pres., dom. 90 lbs., f. 40 to 60 lbs.; cost, \$18,000; cost mtce., \$150.

SOUTH COVENTRY, p. 1,632. F. dept. Not reported.

Water Supply—Src., lake, $\frac{1}{4}$ m. bus. cent.; sys., grav.; mains, iron, $1\frac{1}{4}$ in., 6 in. dia.; 8 hyd.; 7 v.; 36 serv.; pipe, lead; pres., dom. 10 to 50 lbs., f. 10 to 50 lbs.; cost, \$6,000; wks. owned by Co.

SOUTHINGTON, p. 6,516; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & 1 trks., 4 c. hand ex., 1 hose wag., 2 hose carts, 1 hrs.; hose, cot., rub. lined, gd., 3,200 ft.; f. al., Gamewell, 17 bx.; val. equip., \$4,790; val. bldgs., \$7,000; exp. dept., \$1,133; tot. mem., 106, pd. part time.

Water Supply—Src., brooks, $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 123,000,000 gals., loc. on Wolcott mountain; mains, c. & wrt i., 19 in., 2 to 12 in. dia.; 111 hyd.; 95 v.; met., 6; 976 serv.; pipe, lead & wrt i.; pres., dom. 90 lbs., f. 90 lbs., cons., day 1,000,000 gals.; cost, \$261,626; wks. owned by Co.

SOUTH MANCHESTER, p. 9,000; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. h. & c. wag., 1 auto. hose wag., 1 auto. h. & 1 trk., 2 h. & 1 trk., 3 hose wag., 1 comb. c. & h. wag., 6 hose car., 10 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell, 26 bx.; val. equip., \$48,000; val. bldgs., \$14,000; tot. mem., 150 vol.

Water Supply—Src., spr. & brooks, $\frac{3}{4}$ m. bus. cent.; sys., grav.; res. cap., 175,000,000 gals., loc. about $\frac{2}{3}$ m. town; mains, c. i., 30 in., 4 to 12 in. dia.; 200 hyd.; 210 v.; met., 85; 1,800 serv.; pipe, tin lined; pres., dom. 75 to 110 lbs., f. 110 lbs.; works owned by Co.

SOUTH NORWALK, p. 8,968; consolidated with city of Norwalk.

SOUTHPORT, p. 1,479; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., $2\frac{1}{4}$ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 str., 1 hand eng., 1 h. & 1 trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$5,000; exp. dept., \$500; tot. mem., 88 vol.

Water Supply—Src., brooks and spr., $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 700,000,000 gals., loc. at Wilton; mains, c. i., 37 in., 4 to 18 in. dia.; 212 hyd.; met., 67; 1,600 serv.; pipe, galv. i. & lead; pres., dom. 80 to 100 lbs., f. 80 to 100 lbs.; cons. day, 2,000,000 gals.; cost, \$342,119; cost mtce., \$2,500; wks. owned by city.

SOUTH WINDSOR, p. 2,014; merc. bldgs., wd. F. dist.—Hand ex.

Water Supply—Src., wells.

SPRAGUE, p. 2,700; f. area, 40 a.; merc. bldgs., bk. stn. & wd., 1 to 3 stor.; priv., wd., $1\frac{1}{2}$ to $2\frac{1}{2}$ stor. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose reel; hose, cot., rub. lined, gd., 3,100 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$6,000; tot. mem., 27 vol.

Water Supply—Not reported.

STAFFORD, p. 5,233; f. area, 1,225 a.; merc. bldgs., bk. & wd.; wd. rfs. not perm. F. dept.—1 str., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 600 ft.; tot. hose, 1,600 ft.; f. al., bell; exp. dept., \$500; tot. mem., 20 vol.

Water Supply—Src., brook; sys., grav.; res. cap., 5,000,000 gals.; mains, 7 in., 6 to 15 in. dia.; 32 hyd.; met., 4; 215 serv.; pres., dom. 100 lbs., f. 100 lbs.; cons., day 500,000 gals.; cost mtce., \$500; wks. owned by Co.

STAFFORD SPRINGS, p. 4,293; f. area, 1,225 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 21 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 600 ft.; tot. hose, 1,600 ft.;

f. al., bell; val. equip., \$3,500; val. bldgs., \$4,000; exp. dept., \$500; tot. mem., 20 vol.

Water Supply—Src., roaring brook; sys., grav.; res. cap., 35,000,000 gals.; mains, 11 m., 4 to 10 in. dia.; 52 hyd.; 386 serv.; pres., dom. 120 lbs.; f. 125 lbs.; cost, \$125,230; cost mtce., \$14,073; wks. owned by Co.

STAMFORD, pop. 25,138; f. area, 7½ sq. m.; merc. bldgs., bk. stn. & wd., 1 to 6 stor.; priv., wd., 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 12 hand ex., 1 auto. pump. eng. & hose wag., 1 auto. comb. c. & hose wag.; 1 comb. hose wag., 1 comb. trk., 1 aer. trk., 2 hose car., 1 jumper, 14 hrs.; hose, cot., rub. lined, gd., 5,800 ft.; f. al., bell & wh., 54 bx.; val. equip., \$76,000; val. bldgs., \$42,000; exp. dept., \$40,000; tot. mem. 44, pd. full time 31; pd. part time 13.

Water Supply—Src., riv., lake & pond; sys., grav.; lake cap., 512,000,000 gals.; pond cap., 88,000,000 gals.; mains, cem. & c. l., 56 m., 6 to 24 in. dia.; 233 hyd.; met., 2,168; 4,048 serv.; pipe, lead & galv. l.; pres., f. 60 to 77 lbs.; wks. owned by Co.

STONINGTON, pop. 9,154; f. area, 180 a.; merc. bldgs., wd. & br., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 8 c. hand ex., 1 h. & l. trk., 1 aer. trk., 5 hose car., reels, &c.; hose, cot., rub. lined, gd., 2,100 ft.; inf., 450 ft.; tot. hose, 2,550 ft.; f. al., bell & wh.; val. equip., \$9,180; val. bldgs., \$7,900; exp. dept., \$710; tot. mem. 171, pd. part time 2, vol. 169.

Water Supply—Src., brook; sys., pump to res.; 2 res. cap. 50,000,000 gals., & 1 distributing res. cap. 2,000,000 gals.; 2 pump. eng., cap. day 3,000,000 gals.; mains, 15 4-10 m., 10 in. dia.; 108 hyd.; met., 22; 1,093 serv.; pipe, galv. l.; pres., dom. 80 lbs., f. 80 lbs.; cons. day 294,876 gals.; cost, \$309,866; wks. owned by Co.

STRATFORD, p. 5,712; f. area, 8 m.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. hose & c. eng., 2 c. hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,300 ft.; val. equip., \$5,000; val. bldgs., \$2,500; exp. dept., \$3,000; tot. mem. 50, pd. part time.

Water Supply—Src., riv., 4 m. bus. cent., supplied Bridgeport; sys., grav. & dir.; res. cap., 4,500,000,000 gals.; mains, c. l., 4 m., 3 ft. dia.; 40 hyd.; 50 serv.; pres., dom. 52 lbs., f. 52 lbs.; wks. owned by Co.

SUFFIELD, p. 3,841; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 2 stor.; priv., bk., stn. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—15 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., church bell; val. equip., \$2,000; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 60 vol.

Water Supply—Src., wells, 2½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 300,000 gals.; pump. eng.; mains, c. l., 16 m., 3 to 8 in. dia.; 45 hyd.; 800 serv.; pres., f. 50 to 80 lbs.; cost, \$33,000; cost mtce., \$2,500.

TERRYVILLE, p. 3,000; f. area 4 m.; merc. bldg., bk. & wd., 1 to 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 10 c. hand ex., 1 h. & l. trk., 1 h. wag., 1 hose reel; hose, cot., rub. lined, gd., 900 ft.; rub. gd., 200 ft.; inf., 200 ft.; tot. hose, 1,300 ft.; f. al., gong; val. dept. equip., \$4,000; val. bldgs., \$3,800; exp. dept., \$1,200; tot. mem., 75 vol.

Water Supply—Src., 2 res. fed by spr., 2 m. bus. cent.; res. No. 1, cap. 800,000 gals.; res. No. 2, cap. 1,800,000 gals.; sys., grav., pump dir. to mains; res. cap., 15,000,000 gals.; 1 elec. pump. eng., cap. day 400,000 gals.; mains, 10 m., 2 to 8 in. dia.; 15 hyd.; 26 v.; met., 9; cost, \$53,000; wks. owned by Co.

THOMASTON, p. 3,538; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 h. & l. trk., 2 hose car., reels, &c., 3 hrs.; hose, cot., rub. lined, 2,500 ft.; inf., 600 ft.; tot. hose, 3,100 ft.; f. al., wh.; val. equip., \$3,950; val. bldgs., \$9,000; exp. dept., \$600; tot. mem., 100 vol.

Water Supply—Src., Plymouth, 2 m. bus. cent.; sys., grav.; 37 hyd.; met., 8; pres., f. 140 lbs.; cost, \$40,000; wks. owned by Co.

THOMPSON, p. 4,804. F. dept.—4 c. hand ex., 1 h. & l. trk., 4 hose car. (2 priv.); f. al., wh.; tot. mem., 100.

Water Supply—Src. & sys., not reported; 40 hyd.; pres., 100 lbs.

THOMPSONVILLE, p. 9,000; f. area, 5,000 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 auto. comb. c. & h. wag., 1 auto. h. & l. trk., 1 str., 5 c. hand ex., 1 h. & l. trk., 2 hose wag., 3 hose carts, 3 hrs., 1 comb. auto.; hose, 3,000 ft.; f. al., elec., 23 bx.; val. equip., \$7,000; val. bldgs., \$15,000; exp. dept., \$3,500; tot. mem., 75 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 376,000 gals., dim. 40 x 40, mat. iron; res. loc. at Enfield st.; 2 pump. eng., cap. day 1,250,000 gals.; mains, cem. & l., 20 m.; 75 hyd.; met., 25; 1,000 serv.; pipe, galv. l.; pres., dom. 20 to 100 lbs., f. 20 to 100 lbs.; cons., day 700,000 gals.; cost, \$75,000; wks. owned by Co.

TORRINGTON, p. 16,840; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 14 c. hand ex., 1 h. & l. trk., 3 hose wag., 2 hose reels, 6 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 42 bx.; val. equip., \$23,300; val. bldgs., \$25,500; exp. dept., \$6,000; tot. mem., 60, pd. full time 1, pd. part time 6, vol. 53.

Water Supply—Src., spr. & brooks, 2 to 10 m. bus. cent.; sys., grav.; res. cap., 475,000,000 gals., loc. at West Torrington; mains, c. l., 40 m., 4 to 16 in. dia.; 150 hyd.; met., 75; 2,400 serv.; pipe, galv. l.; pres., dom. 70 lbs., f. 70 lbs.; cost, \$385,000; wks. owned by Co.

UNIONVILLE, p. 2,000; f. area, 320 a.; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 hose wag., 1 hose cart, 1 h. & l. trk.; hose, rub. gd., 1,550 ft.; f. al., telep., wh. & bell; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$900; tot. mem., 30 vol.

Water Supply—Src., brook; res. cap., 3,000,000 gals.; mains, 5 m.; 32 hyd.; pipe, iron; pres., f. 80 lbs.; cost, \$29,000; cost mtce., \$300; wks. owned by Co.

WALLINGFORD, p. 11,155; f. area, 2,047 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 3,100 ft.; f. al., Stevens; val. equip., \$9,600; val. bldgs., \$10,500; exp. dept., \$2,400; tot. mem., 78, pd. part time 3, vol. 75; undrs. rating, first class.

Water Supply—Src., Pistapaugh Pond, 4 m. bus. cent., & Lanes Pond diverting res., 6 m. town; sys., grav.; cap. Pistapaugh Pond 800,000,000 gals., Lanes Pond 25,000,000 gals., loc. 4 m. southeast of borough; mains, c. l., 32.83 m., 2 to 16 in. dia.; 115 hyd.; met., 230; 1,476 serv.; pipe, wrt. l.; pres., 90 to 140 lbs.; cons., day 1,000,000 gals.; cost, \$305,846; cost mtce., \$8,147; wks. owned by city.

WASHINGTON, p. 1,820; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 700 ft.; rub. gd., 300 ft.; tot. hose, 1,000 ft.

Water Supply—Src., spr. & 2 wells, 1 m. bus. cent.; sys., grav.; 2 res., cap. 36,000 gals.; mains, 1½ m., 6 in. dia.; wks. owned by priv. Co.

WATERBURY, p. 73,141; f. area, 5½ sq. m.; merc. bldgs., bk., 1 to 8 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 1 auto. pump. eng., 1 auto. c. eng., 1 auto. hose wag., 15 c. hand ex., 1 city h. & l. trk., 1 aer. h. & l. trk., 3 hose wag., 2 comb. c. & h. wag., 23 hrs.; hose, rub. lined, gd., 13,600 ft.; f. al., elec., 94 bx.; val. equip., \$88,097; val. bldgs., \$121,518; exp. dept., \$98,000; tot. mem., 78, pd. full time.

Water Supply—Src., spr. & brooks, 13 m. bus. cent.; sys., grav.; res. cap., 970,000,000 gals.; mains, c. l., 80 m., 4 to 36 in. dia.; 760 hyd.; 729 v.; met., 1,423; 6,915 serv.; pipe, galv. l.; pres., dom. 120 lbs., f. 120 lbs.; cons., day 66,747,000

gals.; cost, \$1,845,140; cost mtce., \$24,000; wks. owned by city.

WATERTOWN, p. 3,850; f. area, 1,000 a.; merc. bldgs., wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts, 1 c. cart; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$3,500; exp. dept., \$200; tot. mem., 60 vol.

Water Supply—Src., watershed, 6 m. bus. cent.; sys., grav.; distributing res. cap., 600,000 gals.; dim. 12 x 60, mat. cem. & conc.; distributing res. cap., 13,000,000 gals., loc. at Bethlehem; 1 pump. eng.; mains, c. i., 12 m., 6 to 10 in. dia.; 55 hyd.; 50 v.; met., 5; 185 serv.; pipe, iron & lead; pres., dom. 65 to 187 lbs.; f. 187 lbs.; cost, \$66,500; cost mtce., \$600; wks. owned by Co.

WEST HARTFORD, p. 4,808. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 600 ft.; tot. mem., 15 vol.

Water Supply—Src., supplied by Hartford.

WEST HAVEN, p. 8,543; merc. bldgs., wd. & bk., 2½ stor.; priv., wd., 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 trip. comb. auto str., 2 auto comb. e. & h. wag., 1 hand eng., 10 c. hand ex., 1 h. & l. trk. drawn by tractor, 3 hose car., reels, 1 hose wag. &c., 2 hrs.; hose, cot., rub. lined, gd., 5,600 ft.; f. al., elec., \$4 bx.; val. equip., \$15,500; val. bldgs., \$4,000; exp. dept., \$5,000; tot. mem., 153, 2 pd. full time, 151 vol.

Water Supply—Src., str., 2½ m. bus. cent.; sys., grav.; res. cap., 265,000,000 gals., loc. at Orange; mains, cem. & i., 26 m., 4 to 16 in. dia.; 71 hyd.; 225 v.; met., 100; 1,500 serv.; pipe, galv. i. & lead; pres., f. 45 to 53 lbs.; cons. day, 650,000 gals.; wks. owned by Co.

WESTPORT, p. 4,259; f. area, 2½ m.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 8 hand ex., 1 h. & l. trk., 3 hose car., reels, &c.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 400 ft.; tot. hose, 3,900 ft.; f. al., bell; val. equip., \$3,800; val. bldgs., \$2,100; exp. dept., \$300; tot. mem., 169 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 240,000 gals.; dim., 25 x 65; loc. at Westport; mat., stil.; 3 pump. eng., class trip., cap. day 2,000,000 gals.; mains, c. i., 15 m., 4 to 12 in. dia.; 70 hyd.; 117 v.; met., 244; 440 serv.; pipe, galv. i. & lead; pres., dom. 60 lbs., f. 90 lbs.; cons. day, 150,000 gals.; cost, \$100,000; wks. owned by Co.

WESTVILLE, p. 4,000; f. area, 3¾ m.; merc. bldgs., wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—4 c. hand ex., 1 auto. pump. eng., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,500 ft.; inf., 800 ft.; tot. hose, 2,300 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$2,000; exp. dept., \$2,800; tot. mem., 38, pd. full time 2, pd. part time 1, 35 vol.

Water Supply—Supplied by New Haven Water Co.

WETHERSFIELD, p. 3,148; f. area, 3 sq. m.; merc. bldgs., wd. & bk., 2½ stor.; priv., wd., 1½ stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose reel; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$25; tot. mem., 30 vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., pump to res.; res. cap., 50,000 gals.; loc. at Wethersfield; 25 hyd.; 60 v.; 17 serv.; pipe, galv. i.; cost, \$4,500; cost mtce., \$45; wks. owned by Co.

WILLIMANTIC, p. 11,280; f. area, 300 a.; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; wd. rfs. perm. F. dept.—2 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 24 bx.; val. equip., \$5,000; exp. dept., \$4,000; tot. mem., 130; undrs. rating, first class.

Water Supply—Src., riv.; sys., grav. & pump dir.; res. cap., 5,000,000 gals.; pump. eng., cap. day 2,500,000 gals.; mains, 24 m., 6 to 14 in. dia.; 203 hyd.; met., 1,165; 1,436 serv.; pres., dom. 90 to 100 lbs., f. 135 lbs.; cons. day, 900,000 gals.; cost, \$250,000; cost mtce., \$13,000; wks. owned by city.

WINDSOR, p. 4,178; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 2 c. hand ex., 1 hose car.; hose, cot., rub. lined, 1,200 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$900; tot. mem., 40 vol.; undrs. rating, first class.

Water Supply—Src., Barber's pond, 8 m. bus. cent.; sys., pump to stdp., raising water 64 ft.; 2 pump. eng., class aux., size 10, cap. day 80,000 gals.; 1 gasoline eng., cap. 450,000 gals.; mains, iron, 4 to 8 in. dia.; 8 priv. hyd.; met., 18; pipe, galv. i.; pres., 52 lbs.; wks. owned by Co.

WINDSOR LOCKS, p. 3,715; f. area, 960 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 1 to 4 stor.; wd. rfs. perm. F. dept.—2 hose car., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$1,300; val. bldgs., \$300; tot. mem., 47 vol.; undrs. rating, first class.

Water Supply—Src., spr.; sys., pump to stdp. & dir.; stdp. cap., 250,000 gals.; 3 pump. eng., cap. day 900,000 gals.; mains, 8 m., 4 to 12 in. dia.; 56 hyd.; pres., dom. 60 to 90 lbs., f. 60 to 90 lbs.; cons. day, 250,000 gals.; cost, \$75,000; wks. owned by Co.

WINSTEAD, p. 7,744; f. area, 1,200 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., wd., 1 to 4 stor.; causes of f. inv. F. dept.—1 str., 1 auto. comb. c. & h. wag., 1 h. & l. trk., 1 hose wag., 3 jumpers, 2 hose reels, 4 hrs.; hose, rub., gd., 3,400 ft.; f. al., Gamewell, 28 bx.; val. equip., \$14,000; val. bldgs., \$5,000; exp. dept., \$1,925; tot. mem., 147, pd. full time 2, vol. 145; undrs. rating, second class.

Water Supply—Src., lake & res., 1½ m. bus. cent.; sys., grav.; res. cap., 448,538,715 gals.; mains, iron, 26 3-5 m., 4 to 24 in. dia.; 243 hyd.; 308 v.; met., 122; 1,270 serv.; pipe, lead; pres., dom. 90 to 130 lbs., f. 90 to 150 lbs.; cons. day 1,500,000 gals.; cost, \$250,000; cost mtce., \$1,200; wks. owned by city.

WOODBURY, p. 1,988; f. area, 300 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$1,000; val. bldgs., \$50; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., res., 3 m. bus. cent.; sys., grav.; res. cap., 11,000,000 gals.; mains, c. i., 4 m., 4 to 6 in. dia.; 23 hyd.; 9 v.; 147 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 55 lbs.; cost, \$20,500; cost mtce., \$1,000; wks. owned by Co.

YANTIC, p. 400. F. dept.—1 str., 2 hose carts, 600 ft. rub. hose; tot. mem., 40 vol.

Water Supply—9 hyd.; pres., 60 lbs.

Places with a population of 1,000 or more having no organized fire dept.—Avon, Berlin, Burlington, Chatham, Cornwall, Coventry, Cromwell, E Had-dam, Glastonbury, Hamden, Hampden, Hebron, Huntington, Ledyard, Mansfield, Manse, Montville, Portret, Redding, Rocky Hill, Roxbury, Somers, Southbury, South Canaan, South Windsor, Tolland, Wilton.

DELAWARE

BRIDGEVILLE, p. 939. F. dept. not reported.

Water Supply—Src., bored wells, 3 blocks bus. cent.; sys., pump to stdp., stdp. cap. 70,000 gals.; dim. 10 x 110; 1 pump. eng.; mains, iron, 26 hyd.; pipe, iron; pres., dom. 85 lbs., f. 35 lbs.; cons. day, 25,000 gals.; cost, \$18,000; wks. owned by city.

CLAYTON, p. 764. F. dept.—1 str., 2 hose reels; hose, linen & leather, gd., 600 ft.; f. al., bell; tot. mem., 12 vol.

Water Supply—Src., wells; sys., pump to stdp., stdp. cap. 23,000 gals.; mains, 1 m., 2 to 8 in. dia.; 12 hyd.; pres., 90 lbs.; wks. owned by P. B. & W. R. R.

DELAWARE CITY, p. 1,182; f. area, 40 a.; bldgs., bk., stn. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car.; hose, linen, rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; tot. mem., 25 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys. pump to stdp.; stdp. cap., 68,000 gals.; mains, iron, 2 m., 4 to 6 in. dia.; 13 hyd.; pres., f. 40 lbs.

DOVER, p. 3,720; f. area, 800 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., Gamewell, 2 bz.; val. equip., \$3,000; val. bldgs., \$3,300; exp. dept., \$700; tot. mem., 100 vol.

Water Supply—Src., wells; sys. pump dir.; 3 pump. eng., cap. 12,000,000 gals.; mains, 10 m.; 50 hyd.; 19 v.; 600 serv.; pres., dom. 55 lbs., f. 95 lbs.; cons. day 280,000 gals.; cost, \$30,000; cost mtce., \$4,000; wks. owned by city.

FRANKFORT, p. 500; f. area, 10 a.; merc. bldgs., wd., 1 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—Buckets & ladders. No waterwks.

GEORGETOWN, p. 1,609; f. area, $\frac{1}{2}$ m. cent. of town; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 2 c. hand ex., 2 hose reels & carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$1,900; val. bldgs., \$1,000; exp. dept., \$400; tot. mem., 85 vol.

HARRINGTON, p. 1,500; f. area, 640 a.; merc. bldgs., wd., 2 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—hose, cot., rub. lined, gd., 1,000 ft.; f. al., gong; val. equip., \$400; val. bldgs., \$800; tot. mem., 50 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys. dir. to mains or stdp.; stdp. cap. 80,000 gals.; dim. 10 x 100, mat. iron; loc. near plant; 2 pump. eng., class trip., cap. day 100,000 gals.; mains, iron, 8 m.; 24 hyd.; 30 v.; 2 met.; 100 serv.; pipe, lead & iron; pres., dom. 40 lbs., f. 50 lbs.; cons. day, 100,000 gals.; cost, \$20,000; cost mtce., \$1,000; wks. owned by Co.

LAUREL, p. 2,166; f. area, 75 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord. F. dept.—3 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; inf., 700 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,000; tot. mem., 26 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys. grav.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. day 500,000 gals.; mains, iron, 10 m., 4 to 8 in. dia.; 61 hyd.; 15 v.; 11 met.; 108 serv.; pres., dom. 45 lbs., f. 60 lbs.; cons. day 45,000 gals.; cost, \$25,000; cost mtce., \$600; works owned by town.

LEWES, p. 2,158; merc. bldgs., wd. F. dept.—1 auto. comb. c. & hose wag., 6 c. hand ex., 1 c. eng., 1 h. & l. trk., 2 hose car., 2 hrs.; hose, gd., 1,500 ft.; f. al., wh.; val. equip., \$10,000; exp. dept., \$300; tot. mem., 50 vol.

Water Supply—Src., riv.; sys., grav.; res. cap., 100,000 gals.; 1 pump, cap. day, 500,000 gals.

MIDDLETOWN, p. 1,399; f. area, 320 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 $\frac{1}{2}$ stor.; wd. rfs. perm. F. dept.—3 c. hand ex., 1 c. eng., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., stm. wh.; val. equip., \$1,600; val. bldgs., \$2,000; exp. dept., \$800; tot. mem., 45 vol.

Water Supply—Src., wells, 1,000 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 37,500 gals., dim. 8 x 100, loc. at station, mat. iron; 2 pump. eng., cap. day 720,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 25 hyd.; 20 v.; pres., dom. 30 to 40 lbs., f. 75 to 100 lbs.; cost, \$36,865.17; cost mtce., \$2,462.17; wks. owned by town.

MILFORD, p. 2,608; f. area, 200 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose car.; hose, rub., gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$76; tot. mem., 45 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap. 33,000 gals., dim. 8 x 100, mat. iron; res. loc. in cent. of town; 1 pump. eng., class comp. dup., cap. day 3,840,000 gals., mains, c. l., 4 m.; 69 hyd.; 35 v.; pres., dom. 30 lbs., f. 80 to 140 lbs.; cons. day, 100,000 gals.; cost mtce., \$10,530; wks. owned by city.

NEWARK, p. 1,913; merc. bldgs., bk. & wd., 2 to 4 stor.; priv. bk. & wd., 2 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. pump. eng. & hose wag., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 900 ft.; inf., 400 ft.; tot. hose, 1,300 ft.; f. al., telp.; val. equip., \$10,500; val. bldgs., \$3,000; exp. dept., \$100; tot. mem., 130 vol.; undrs. rating, first class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 186,000 gals.; 1 pump. eng., cap. day 250,000 gals.; mains, $\frac{3}{4}$ m., 4 to 10 in. dia.; 48 hyd.; met., 265; pres., dom. 60 lbs., f. 125 lbs.; cost, \$40,000; cost mtce., \$900.

NEW CASTLE, p. 3,351; f. area, 4,000 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 stm. eng., 1 comb. c. eng. & hose wag. equip. with 2 35-gal. tk., 2 3-gal. hand ex., 200 ft. c. hose, 1 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$15,000; val. bldgs., \$6,000; exp. dept., \$500; tot. mem., 130 vol.

Water Supply—Src., creek & spr., 4 m. bus. cent.; sys., pump to res.; res. cap., 1,250,000 gals.; pump. eng., cap. day 450,000 gals.; mains, 9 m., 4 to 8 in. dia.; 41 hyd.; 600 serv.; pres., f. 30 lbs.; cost \$120,000; cost mtce., \$6,000; wks. owned by Co.

SEAFORD, p. 2,108; merc. bldgs., wd. 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; tot. mem., 78 vol.

Water Supply—Src., wells & riv.; sys., pump to stdp.; stdp. cap., 90,000 gals.; 2 pump. eng., combined cap. day 500,000 gals.; mains, c. l., 4 m., 4 to 10 in. dia.; 50 hyd.; 2 met.; 293 serv.; pres., dom. 45 lbs., f. 45 lbs.; cost \$29,650.

SMYRNA, p. 1,843; f. area, $\frac{1}{4}$ m.; merc. bldgs., mostly wd., 1 to 5 stor.; priv., wd., 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car.; hose, rub., gd., 3,500 ft.; f. al., bell; val. equip., \$3,000; tot. mem., 35 vol.

Water Supply—Src., well, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. loc. upper part of town, mat. iron; 2 pump. eng.; mains, iron, $5\frac{1}{2}$ m., 2 to 8 in. dia.; 35 hyd.; 825 serv.; 4 met.; pipe, iron; pres., f. 60 lbs.; wks. owned by city.

WILMINGTON, p. 87,411; f. area, 11 sq. m.; merc. bldgs., stm. & bk., 3 to 8 stor.; priv., mostly bk., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 auto. str., 2 auto. hose eng., 2 str., 1 auto. hose eng. in reserve, 1 h. & l. trk., 1 aer. comb. h. & l. trk. (1 in reserve), 2 c. eng., 1 chief's auto., 2 chief's wag. (1 in reserve), 3 exercise & fuel wag., 4 auto. comb. c. & h. wag., 2 comb. c. & hose wag., 2 hose reels, 1 comb. c. & h. wag. in reserve, 18 c. hand ex., 33 hrs.; hose, cot., rub. lined, gd., 16,900 ft.; f. al., Gamewell, 94 bz.; val. equip., \$83,500; val. bldgs., \$120,000; tot. mem., 1,100, pd. full time 15 vol. 1,085.

Water Supply—Src., Brandywine Creek, 1 m. bus. cent.; sys., pump to 35,000,000 gal. res. grav. to filter plant & 40,000,000 gal. low serv. filtered water res., repumped to stdp., cap. 500,000 gals.; tot. storage cap. 80,000,000 gal.; 3 vertical triple expansion pump. eng., cap. each 12,000,000 gal. daily, 1 1,000,000-gal. motor-driven centrif. pump; mains, c. l. & stl., 132.6 m., 3 to 48 in. dia.; hyd., 941; met., 9,342; serv., 20,365; v., 2,263; pipe, lead & iron; pres., dom., 20 to 90 lbs.; cons. day, 11,485,000 gals.; val. plant, \$3,025,000; mtce. charges, \$90,000; extension charges, \$46,000.

DISTRICT OF COLUMBIA

WASHINGTON, p. 331,069; f. area, 70 sq. m.; merc. bldgs., stn. & bk., 4 to 12 stor.; priv., stn., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—24 str., 1 f. boat, 1 water tower, 6 c. eng., 15 comb. c. & h. wag., 127 c. hand ex., 13 aer. trk., 4 comb. c. eng., 14 hose car., 2 hose wag., 2 trk.; hose, gd., 94,000 ft.; f. al., Gamewell, 477 bx.; val.

equip., \$400,000; val. bldgs., \$740,000; exp. dept., \$662,800; tot. mem., 446, pd. full time.

Water Supply—Src., riv., 16 m. bus. cent.; sys., grav., pump to res. & dir.; res. available cap., 494,900,000 gals.; tot. cap. 664,400,000 gals.; 6 pump. eng., class triple expansion; mains, c. l., 550 m., 3 to 75 in. dia.; 3061 hyd.; 8,069 v.; met., 23,907; 66,159 serv.; pipe, lead; pres., 25 to 100 lbs.; cons. day, 61,990,000 gals.; wks. owned by city.

FLORIDA

APALACHICOLA, p. 3,065; combt. ord. F. dept.—1 h. & l. trk., 3 hose reels; hose, 2,000 ft.; vol. Co.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; mat., sheet i.; res. cap., 150,000 gals.; 2 pump. eng. combined cap. day 800,000 gals.; mains, 5 m., c. l., 4 to 12 in. dia.; 72 hyd.; 58 v.; met., 75; 280 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 120 lbs.; cons. day, 90,000 gals.; cost, \$40,000; cost mtce., \$1,800; wks. owned by city.

ARCADIA, p. 1,736. No f. dept.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 50,000 gals.; mains, 6 to 10 in. dia.

BARTOW, p. 2,662; bldgs., wd. & bk., 2 stor.; wd. rfs. perm. F. dept.—2 str., 1 h. & l. trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 150 ft.; tot. hose, 2,150 ft.; f. al., bell; val. equip., \$2,200; val. bldgs., \$600; tot. mem., 38 vol.; undra. rating, third class.

Water Supply—Src., well, 800 ft. bus. cent.; sys., pump to tk.; stdp. cap., 50,000 gals.; dim., 18 x 20; mat., stl.; res. cap., 50,000 gals.; 2 pump. eng., class 2 cylinder comp.; mains, c. l., $4\frac{1}{2}$ m., 4 to 6 in. dia.; 50 hyd.; 325 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 125 lbs.; cons. day, 75,000 gals.; cost, \$20,000; cost mtce., \$500; wks. owned by city.

BRADENTOWN, p. 1,886; f. area, 200 a.; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 12 c. hand ex., 1 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., telp.; val. equip., \$8,500; val. bldgs., \$7,500; exp. dept., \$1,500; tot. mem., 16, pd. full time 1, pd. part time 3, vol. 12; undra. rating, fourth class.

Water Supply—Src., artesian wells, $1\frac{1}{4}$ m. bus. cent.; sys., pump to tk. or dir.; tk. cap., 75,000 gals.; dim., 20 x 31 ft.; mat., stl.; res. cap., 12,000 gals.; 1 pump. eng., cap. day, 1,200,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 38 hyd.; 17 v.; met., 215; 230 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 80 lbs.; cons. day, 40,000,000 gals.; cost, \$20,000; wks. owned by city.

DAYTONA, p. 3,082; f. area, 2,440 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng. on wls., 2 c. hand ex., 4 hose reels; hose, 2,000 ft.; f. al., wh. & telp.; val. bldgs., \$3,500.

Water Supply—Src., artesian well, $\frac{1}{2}$ m. west bus. cent.; 2 pump. units, 2 gasoline eng. dir. connected to 2 trip. pumps, cap. 2,500,000 gals. day.

DE FULIAK SPRINGS, p. 2,017. F. dept.—3 hose reels, 1 h. & l. trk., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$750; exp. dept., \$700; tot. mem., 37.

Water Supply—Src., well; sys., pump to res.; res. cap., 23,000 gals.; mains, 4 m., 4 to 10 in. dia.; 35 hyd.; 50 v.

DE LAND, p. 2,812; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. hose wag., 1 auto. h. & l. trk., 1 comb. c. & h. wag., 10 c. hand ex., 1 h. & l. trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd.,

2,000 ft.; rub., gd., 600 ft.; tot. hose, 2,600 ft.; f. al., bell; val. equip., \$7,500; val. bldgs., \$2,500; tot. mem., 35, pd. full time 2, pd. part time 32; undra. rating, third class.

Water Supply—Src., 2 wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals.; dim., 20 x 20, loc. 80 ft. above town; mat., stl.; 2 pump. eng., cap. 250 gals. min.; mains, $3\frac{1}{2}$ m., 4 to 10 in. dia.; 29 hyd.; met., 320; 457 serv.; pres., dom. 45 lbs., f. 120 lbs.; cost, \$6,000; cost mtce., \$2,200; wks. owned by city.

EUSTIS, p. 910. F. dept.—1 c. eng., 1 h. & l. trk.; hose, 800 ft.; f. al., bell.

Water Supply—Src., Lake Eustis.

FERNANDINA, p. 3,482; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 f. boats, 2 hose wag., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., Gamewell, 11 bx., bell & wh.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$2,750; tot. mem., 17, pd. full time 2, pd. part time 5; vol. 10; undra. rating, second class.

Water Supply—Src., wells, 1-8 m. bus. cent.; sys., grav., pump to res., to stdp. & dir.; stdp. cap., 112,000 gals.; dim., 15 x 110, loc. on main st.; mat., bk. & stl.; res. cap., 200,000 gals., loc. cent. of town; 2 pump. eng., class comp. dup., cap. day 6,000,000 gals.; mains, iron, 4 to 10 in. dia.; 67 hyd.; pres., dom. 40 lbs., f. 80 to 150 lbs.; cons. day, 200,000 gals.; cost, \$40,000; cost mtce., \$2,579.59; wks. owned by city.

FORT BARRAUCAS. No f. dept.

Water Supply—Src., wells, 10 m. bus. cent.; sys., pump to stdp.; stdp. cap., 120,000 gals.; dim., 24 x 20; mat., stl.; res. cap., 200,000 gals.; cost, \$25,000; cost mtce., \$2,000; wks. owned by priv. co.

FT. MEYERS, p. 2,463. F. dept.—1 hand eng., 1 25-hp. gas eng., 1 h. & l. trk., 3 hose carts, 7 c. ex.; hose, 1,800 ft.; 2 hrs.; tot. mem., 30.

Water Supply—3 artesian wells, 2 on main sts., coupled together with 5-in. iron pipe; they furnish 3 hyd.

FT. PIERCE, p. 1,333; f. area, 200 a.; merc. bldgs., bk., stn., wd. & iron, 1 & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 comb. c. & h. brake pump, eng., 2 hose reels; hose, gd., 800 ft.; f. al., wh. & telp.; val. equip., \$1,450; val. bldgs., \$500; mem., 31 vol.

Water Supply—Src., wells, 500 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; res. cap., 100,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, 6 to 10 in. dia.; 50 hyd.; 25 v.; 110 met.; 320 serv.; pres., dom. 67 lbs., f. 90 lbs.; cons. day, 110,000 gals.; wks. owned by city.

GAINESVILLE, p. 6,183; merc. bldgs., stn., bk., wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car., 3 hrs.; hose, cot., rub. lined, gd., 1,700 ft.; inf., 1,000 ft.; tot. hose, 2,700 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$1,550; tot. mem., 46, pd. full time 2, pd. part time 43; undra. rating, second class.

Water Supply—Src., spr. to wells, $2\frac{1}{4}$ m. bus. cent.; sys., pump dir. to mains; res. cap., 1,000,000 gals., loc. at spr.; 2 pump. eng., cap. day 2,800,000

gals.; mains, c. i., 11 m., 4 to 10 in. dia.; 104 hyd.; met., 206; 620 serv.; pipe, galv. i. & lead; pres., dom. 20 to 30 lbs.; f. 80 to 100 lbs.; cost mtce., \$4,000; wks. owned by Co.

GREEN COVE SPRINGS, p. 1,319. F. dept.—1 c. eng., 2 hose carts, 12 hand ex., 1 h. & l. trk., 1,000 ft. hose; f. al., bell; vol.

Water Supply—Src., 2 artesian wells, cap. 900 gals. min.; sys., pump to stdp.; stdp. cap., 1,500,000 gals.; 1 pump. eng., class comp. dup., cap. 2,160,000 gals.; pres., dom. 56 lbs.

JACKSONVILLE, p. 57,699; merc. bldgs., bk. & stn., 1 to 10 stor.; priv., wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 chief's auto., 2 str., 2 comb. c. & h. wag., 1 comb. auto. c. & h. wag., 1 auto. hose wag., 1 auto. aer. h. & l. trk., 17 c. hand ex., 2 aer. trk., 2 h. & l. trk., 6 hose wag., 27 hrs.; hose, cot., rub. lined, gd., 17,200 ft.; f. al., elec., 105 bx.; val. equip., \$147,000; val. bldgs., \$134,000; exp. dept., \$118,711; tot. mem., 91, pd. full time.

Water Supply—Src., 18 flowing wells, $\frac{3}{4}$ to $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 238,000 gals.; dim., 80 x 45, loc. near station; mat., stl.; res. cap., 2,400,000 gals., loc. at station; 4 pump. eng., class triple expansion, cap. day 19,500,000 gals.; mains, c. i., 66 m., 4 to 20 in. dia.; 721 hyd.; 592 v.; met., 7,828; 10,111 serv.; pipe, galv. i. & lead; pres., dom. 62 lbs.; f. 100 lbs.; cons. day 5,675,292 gals.; cost, \$571,057; cost mtce., \$32,963.88; wks. owned by city. An 8,000-gal. pump. eng. has been installed & a separate high-pres. f. main, 12 in. in dia., laid along Bay st. & a motor-driven cent. pump of about 3,000,000 gals. cap. taking suction from St. Johns riv. & discharge in main at 175 lbs. pres.; hyd. with three $\frac{3}{4}$ -in. outlets placed about 200 ft. apart along the main.

KEY WEST, p. 19,945; f. area, 2,250 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—5 str., 1 h. & l. trk., 1 auto. trip. comb. pump. eng., c. & h. wag. & ladders, 1 comb. h. & l. trk., 7 hose car., 14 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 44 bx.; val. equip., \$17,900; val. bldgs., \$15,000; exp. dept., \$20,332; tot. mem., 272, pd. full time 12, call men 260; undra. rating, second class.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 143,000 gals., loc. corner Southern & Thomas sts.; mat., stl.; 2 pump. eng., cap. day 1,600,000 gals.; mains, c. i., $10\frac{1}{2}$ m., 6 to 12 in. dia.; 100 hyd.; 90 v.; 229 serv.; pres., dom. 35 lbs.; f. 75 lbs.; cost, \$120,000; cost mtce., \$2,400; wks. owned by city.

KISSAMEE, p. 4,000. F. dept.—1 auto. str., 1 hose wag.; val. equip., \$8,000; exp. dept., \$1,000; tot. mem., 25 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; mains, 6 to 12 in. dia.; 36 hyd.; pres., dom. 55 lbs.; f. 145 lbs.; cost, \$15,000; wks. owned by city.

LAKE CITY, p. 5,032; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 h. & l. trk., 1 comb. h., l. & c. wag., 1 hose wag., 7 hose reels & carts; hose, cot., rub. lined, gd., 2,900 ft.; inf., 400 ft.; tot. hose, 3,300 ft.; f. al., bell, wh. & telp.; val. equip., \$3,000; val. bldgs., \$300; exp. dept., \$1,300; tot. mem., 20, pd. full time 4, vol. 16.

Water Supply—Src., well; sys., pump dir. to stdp.; stdp. cap., 150,000 gals.; res. cap., 60,000 gals.; 2 air lifts, cap. day 1,000,000 gals.; 2 pumps, 750 & 500 gals. min., respectively; 1 elec. centrif. pump, cap. 500 gals. min.; mains, 22,500 ft., 6 to 10 in. dia.; 55 hyd.; met., 30; 200 serv.; pres., dom. 30 to 40 lbs.; f. 80 to 110 lbs.; cost, \$80,000; cost mtce., \$10,000; wks. owned by city.

LAKELAND, p. 3,719; f. area, 80 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. hose c. & ladder trk., 4 c. hand ex., 1 hose wag., 2 hose car., 1 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., telp. & wh.; val. equip., \$8,000; val. bldgs., \$15,000; exp. dept., \$1,300; tot. mem., 20, pd. full time 2, vol. 18; undra. rating, third class.

Water Supply—Wells, stdp. & dir. pumps 2; 50

hyd.; 12 val.; mains, 2 m.; pres., dom. 55 lbs.; f. 150 lbs.; cost, \$30,000; cost mtce., \$3,000; wks. owned by city.

LEESBURG, p. 991. F. dept.—1 str., 24 hyd., 2 hose car.; hose, 1,200 ft.; tot. mem., 20.

Water Supply—Src., 3 artesian wells; sys., grav.; tank cap., 80,000 gals.; 24 hyd.

LIVE OAK, p. 3,450; combt. ord.; 95 per cent. bus. section is bk. F. dept.—3 hose reels; hose, 2,000 ft.; tot. mem., 11.

Water Supply—Src., artesian wells; sys., pump to res.; res. cap., 75,000 gals.; tank cap., 45,000 gals.; 2 pumps; mains, $4\frac{1}{2}$ m., 4 to 10 in. dia.; 31 hyd.; pres., 100 to 125 lbs.

MADISON, p. 1,560; combt. ord. F. dept.—3 hose carts; hose, 1,500 ft.; tot. mem., 22, pd. part time & vol.

Water Supply—Src., artesian wells; sys., pump to res. & stdp. or dir.; res. cap., 155,000 gals.; stdp. cap., 150,000 gals.; 4 pumps; 32 hyd.

MARIANNA, p. 1,915; f. area, 10 a.; merc. bldgs., bk., stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose cart; 2 c. hand ex.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al. bell & wh.; tot. mem., 24 vol.; undra. rating, third class.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 25,000 gals.; mat., stl.; res. cap., 100,000 gals.; 1 pump. eng., cap. day, 400,000 gals.; mains, c. i., 2 m., 4 to 6 in. dia.; 33 hyd.; 6 v.; 140 met.; 360 serv.; pipe, galv. i.; pres., dom. 20 lbs., f. 60 lbs.; cons. day, 40,000 gals.; wks. owned by city.

MELBOURNE, p. 157. No f. dept.

Water Supply—Src., artesian wells; sys., grav.; mains, 4 in. dia.; 10 hyd.

MIAMI, p. 5,471; bldgs., bk., conc. & stn. F. dept.—2 auto. comb. c. & h. trk., 1 str., 1 chief's auto., 1 h. & l. trk., 8,000 ft. cot., rub. lined hose, 300 ft. c. hose; tot. hose, 1,100 ft.; 4 hrs.; f. al. Gamewell, 35 bx.; val. equip., \$40,000; exp. dept., \$11,000; tot. mem., 82, pd. full time 12, vol. 30.

Water Supply—Src., 7 wells; sys., pump to stdp.; 2 pumps, cap. day 4,000,000 gals.; wks. owned by Co.

MONTICELLO, p. 1,829; fwks. & combt. ord. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 20 vol.; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 40,000 gals.; dim., 18 x 17, loc. 80 ft. above town; res. cap., 100,000 gals.; 1 pump. eng., cap. day 500,000 gals.; mains, 3 m., 4 to 8 in. dia.; 25 hyd.

NEW SMYRNA, p. 2,000; f. area, 450 a. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 2 c. tanks, 20 c. hand ex.; f. al., bell; val. equip., \$4,000; tot. mem., 25 vol.; undra. rating, fourth class.

Water Supply—Not reported.

OCALA, p. 4,370; merc. bldgs., bk., 3 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & l. trk., 2 hose wag., 3 hose car., 3 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$4,000; exp. dept., \$2,500; tot. mem., 65, pd. full time 3, vol. 62; undra. rating, second class.

Water Supply—Src., deep well, in cent. of town; sys., grav. & dir.; stdp. cap., 112,000 gals., loc. in city limits; pump. eng., cap. day 1,750,000 gals.; mains, c. i., 9 m., 4 to 10 in. dia.; 97 hyd.; 50 v.; met., 800; 840 serv.; pipe, galv. i.; pres., dom. 50 lbs.; f. 80 lbs.; cons. day, 350,000 gals.; cost, \$42,500; cost mtce., \$12,000; wks. owned by city.

ORANGE CITY, p. 490. F. dept.—2 hose carts, 500 ft. gd. hose, 300 ft. fair hose; tot. hose, 800 ft.; f. al., bell.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; dim., 30 ft. by 12 ft. high; mat., wd.; res. cap., 60,000 gals.; 2 sets pump. eng.; gasoline, cap. 20,000 gals. hr.; stm., 50,000 gals. hr.; mains, c. i., $6\frac{1}{2}$ m., 4 to 10 in. dia.; 20 hyd.; 14 v.; met., 60; 100 serv.; pipe, galv. & wrt. i.; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 40,000 gals.; cost, \$45,000; cost mtce., \$1,200; wks. owned by private Co.

ORLANDO, p. 3,894; f. area, 50 a.; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., wd., 2 stor.;

wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose wag., 3 hrs.; hose, cot., rub. lined, 1,500 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$2,000; tot. mem., 17 vol.

Water Supply—Src., lake, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 105,000 gals.; dim., 12 x 125, loc. $\frac{1}{4}$ m. station; mat., stl.; 3 pump. eng., class comp. dup. & triple expansion; cap. day, 4,500,000 gals.; mains, c. i. 21 m., 4 to 12 in. dia.; 85 hyd.; 125 v.; met., 100; 1,200 serv.; pipe, galv. i.; pres., dom. 30 to 40 lbs.; f. 100 lbs.; cons. day, 1,500,000 gals.; wks. owned by Co.

PALATKA, p. 3,779; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., bell; tot. mem., 75 vol.; undrs. rating, second class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 500,000 gals.; dim., 24 x 75; res. cap., 700,000 gals.; 2 pump. eng., cap. day 200,000 gals.; mains, 12 m.; 6 to 12 in. dia.; 108 hyd.; met., 16; 650 serv.; pres. dom. 65 lbs.; f. 110 lbs.; cost, \$110,000; wks. owned by city.

PENSACOLA, p. 23,000. F. dept.—1 str., 20 hand ex., 2 h. & l. trk., 4 hose wag., 1 hose reel, 12 hrs.; hose, rub. lined, gd., 6,500 ft.; f. al., Gamewell, 31 bx.; val. equip., \$10,000; exp. dept., \$6,000; tot. mem. 26, pd. full time; undrs. rating, second class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res., stdp. & dir.; stdp. cap., 427,250 gals.; dim., 20 x 185, 39 x 22, loc. highest point in city; mat., wrt. i.; res. cap., 700,000 gals., loc. at station; 2 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 35 m., 4 to 14 in. dia.; 274 hyd.; 88 v.; met., 2,200; 3,000 serv.; pipe, galv. i.; pres., dom. 65 to 80 lbs.; f. 100 lbs.; cons. day, 1,440,000 gals.; wks. owned by Co.

PERRY, p. 1,012. F. dept.—1 h. & l. trk., 4 hose car.; hose, 1,000 ft.; f. al., telp.

Water Supply—Src., wells, cap. 250,000 gals. day; pump to stdp.; stdp. cap., 90,000 gals.; res. cap., 300,000 gals.; 2 pump. eng.; mains, 3,400 ft., 4 to 8 in. dia.; 34 hyd.

PUNTA GORDA, p. 1,500; f. area, 35 a. F. dept.—2 hand hose reels, ladders & buckets; 1,000 ft. hose; val. equip., \$1,200; val. bldgs., \$3,500; vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., dir. pres.; 1 pump. eng.; 1,500 ft. mains; 8 hyd.; 3 v.; pres., dom. 10 lbs.; f. 25 to 65 lbs.; cost, \$7,000; wks. owned by city.

QUINCY, p. 3,204; f. area, $\frac{1}{4}$ sq. m. F. dept.—h. & l. trk., double-cylinder c. eng., 2 hose carts & hose; val. equip., \$2,000; exp. dept., \$1,200; vol.

Water Supply—Src., artesian well; 2 air-lift pumps; cost, \$20,000; wks. owned by city.

ST. AUGUSTINE, p. 5,494; merc. bldgs., all kinds, 1 to 4 stor.; priv., all mat., 2 to 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str. in reserve, 1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose car., reels, &c., 3 hrs.; hose, cot., rub. lined, gd., 6,400 ft.; f. al., bell, wh. & elec.; tot. mem. 44, pd. full time 5, pd. part time 89.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 286,000 gals.; res. cap., 28,720 gals.; 2 pump. eng., class comp., cap. day 1,800,000 gals.; mains, c. i., 8 m., 6 to 12 in. dia.; 136 hyd.; 87 v.; met., 325; 1,100 serv.; pres., dom. 45 lbs.; f. 90 lbs.; cons. day, 900,000 gals.; cost, \$65,000; cost mtce., \$12,000; wks. owned by city.

ST. PETERSBURG, p. 4,127; f. area, 20 blocks; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., wd. & str., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & hose wag., 4 c. hand ex., 1 h. & l. trk., 1 str., 1 c. eng., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 1,000 ft.; tot. hose, 5,000 ft.; f. al., Gamewell, 20 bx.; val. equip., \$31,900; val. bldgs., \$9,500; exp. dept., \$14,000; tot. mem., 17, pd. full time 18, 4 vol.

Water Supply—Src., 5 wells, $\frac{1}{4}$ m. bus. cent.;

sys. pump to stdp.; stdp. cap., 80,000 gals.; res. cap., 10,000 gals.; 3 pump. eng., cap. day 4,500,000 gals.; mains, 15 m., 4 to 10 in. dia.; 135 hyd.; met., 1,500; 80 v. 1,700 serv.; pres., dom. 37 lbs.; f. 95 lbs.; cons. day, 800,000 gals.; cost, \$13,000; cost mtce., \$1,200; wks. owned by city.

SANFORD, p. 3,570; f. area, 320 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 supply cart, 5 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; inf., 800 ft.; tot. hose, 3,300 ft.; f. al., elec. bell, 10 bx.; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$800; tot. mem., 60 vol.; undrs. rating, third class.

Water Supply—Src., lakes & artesian wells; sys., grav., pump to res. & dir.; res. cap., 350,000 gals.; 2 pump. eng., class dup., cap. day 2,000,000 gals.; mains, 16,000 ft., 8 to 12 in. dia.; 42 hyd.; met., 8; pipe, galv. i.; pres., dom. 45 lbs.; f. 80 to 125 lbs.; cost, \$75,000; wks. owned by Co.

STARKE, p. 1,135. F. dept.—1 hand eng., 2 hose reels; hose, 1,500 ft.; f. al., bell.

Water Supply—Not reported.

TALLAHASSEE, p. 5,018; f. area, 50 a.; merc. bldgs., bk., stn., iron & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—6 c. hand ex., 1 comb. c. & l. trk., 2 25-gal. tk., 1 double & 1 single hose wag., 5 hrs., 1 hose reel; hose, 2,850 ft.; rub. gd., 700 ft.; tot. hose, 3,550 ft.; f. al., Gamewell; val. bldgs., \$1,000; exp. dept., \$6,000; tot. mem. 23, pd. full time 3, pd. part time 20.

Water Supply—Src., wells & spr.; sys., pump to stdp.; stdp. cap., 235,000 gals., dim. 100 x 20; res. cap., 1,011,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 5 m., 4 to 8 in. dia.; 70 hyd.; met., 600; pipe, iron; pres., dom. 45 lbs.; f. 80 lbs.; cost, \$58,000; cost mtce., \$1,500; wks. owned by city.

TAMPA, p. 37,782; f. area, $\frac{1}{4}$ sq. m.; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 chief's auto., 4 str., 4 auto. comb. c. & h. wag., 1 comb. c. & h. wag. in res., 1 comb. c. & h. wag., 3 hose wag., 1 hose reel, c. eng. on wla., 1 aer. h. & l. trk., 2 chief's wag., 2 fuel wag., 1 supply wag., 11 hrs., 3 in reserve; hose, cot., rub. lined, gd., 12,350 ft.; f. al., Gamewell, 62 bx.; val. equip., \$75,000; val. bldgs., \$85,000; exp. dept., \$62,000; tot. mem. 51; pd. full time.

Water Supply—Src., wells & spr.; sys., pump to stdp. & dir.; stdp. cap., 250,000 gals., loc. in town; mat., iron; 5 pump. eng., cap. day 17,000,000 gals.; mains, c. i., 55 m., 4 to 20 in. dia.; 608 hyd.; 401 v.; 7,500 serv.; met., 541; pres., dom. 60 lbs.; f. 100 lbs.; cons. day, 2,500,000 gals.; wks. owned by Co.

TARPON SPRINGS, p. 2,212. F. dept.—1 hand eng., 2 hose carts; vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.

WARRINGTON, p. 1,500; f. area, 455 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; causes of f. inv. by Navy Yard officials. F. dept.—1 str., 2 c. eng., 24 c. hand ex., 1 h. & l. trk., 5 hose car., 5 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., signal gun & bell; tot. mem. 108, pd. full time 1, vol. 107, & all government employees of Navy Yard at Pensacola.

Water Supply—Src., bay, wells & cisterns; sys., pump to stdp.; stdp. cap., 100,000 gals., supplied by 2 elec. pumps obtaining water from 3 driven wells 112 ft. deep; 8 hyd.; dom. pres. 65 lbs.

WEST PALM BEACH, p. 1,743. F. dept.—1 hand eng., 2 hose carts, 1 h. & l. trk.; hose, 3,000 ft.; 1 hrs.; f. al., bell.

Water Supply—Src., lake; sys., pump to stdp. & dir.; stdp. dim. 28 x 50, cap. 411,267 gals.; 3 pumps, cap. day 5,000,000 gals.; mains, 9 m.; 43 hyd.

Places with a population of 1,000 or more having no organized fire dept.—Fort McCoy, Fultonville, Slantico.

Places with a population of 1,000 or more not reported—Dade City, Green Cove Bay, Jasper, Titusville.

GEORGIA

ACWORTH, p. 1,048; f. area, $1\frac{1}{2}$ sq. m.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 2 hose reels; hose, 1,200 ft.; f. al., bell; val. equip., \$1,500; exp. dept., \$85; tot. mem., 20 vol. Water Supply—Src., creek; mains, $1\frac{1}{4}$ m.; 12 hyd.

ADAIRVILLE, p. 751. F. dept.—1 comb. c. eng., 1 hose cart; hose, 400 ft. Water Supply—Src., spr.; res. cap., 35,000 gals.; 20 hyd.

ADEL, p. 2,850; f. area, 640 a. F. dept.—1 hand h. & l. trk., 2 hand hose reels, 2 c. ex.; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$50; tot. mem., 12 vol.; undrs. rating, third class.

Water Supply—Src., deep well, 1 m. bus. cent.; sys., pump, to stdp.; stdp. cap., 80,000 gals.; res. cap., 96,000 gals.; 2 pump. eng., class dup., comb. cap. day 845,000 gals.; 32 hyd.; pres., dom. 45 lbs., f. 100 lbs.; cost, \$5,000; wks. owned by city.

ALBANY, p. 8,190; f. area, 4 sq. m.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. h. & c. wag., 1 str. in reserve, 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hrs., 4 sets harness; hose, cot., rub. lined, 5,000 ft.; 9 nozzles; 2 play pipes; f. al., Gamewell, 28 bx., bell, 8 priv. al. wires; val. equip., \$20,500; val. bldgs., \$10,000; exp. dept., \$11,000; tot. mem. 9, pd. full time.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 180,000 gals.; res. cap., 600,000 gals.; 3 pump. eng., cap. 7,632,000 gals. day, in reserve; 2 pump. eng., cap. day 2,000,000 gals.; mains, 16 m., 4 to 12 in. dia.; 170 hyd.; met., 10; 1,800 serv.; pres., dom. 35 lbs., f. 80 to 125 lbs.; cons. day 350,000 gals.; cost, \$65,000; cost mtce., \$7,000; wks. owned by city.

AMERICUS, p. 8,068; f. area, 388 a.; merc. bldgs., bk., 2 to 5 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 stim. eng., 1 auto. comb. c. & hose wag., 6 c. hand ex., 1 h. & l. trk., 2 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., wh.; val. bldgs., 20,000; exp. dept., \$6,000; tot. mem. 6, pd. full time.

Water Supply—Src., wells, spr. & creeks, $1\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 133,000 gals.; dim., 136 x 25; 2 res., comb. cap., 415,000 gals.; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. l., 18 m., 4 to 12 in. dia.; 120 hyd.; met., 420; 1,100 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 80 to 115 lbs.; cost, \$115,000; cost mtce., \$1,200; wks. owned by city.

ASHBURN, p. 2,500; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; tot. mem., 15 vol.

Water Supply—Src., wells, 400 ft. bus. cent.; sys., pump; stdp., cap., 75,000 gals.; mat., stl.; res. cap., 100,000 gals.; 2 pump. eng., combined cap. day 500,000 gals.; mains, c. l.; m., 4; 4 to 10 in. dia.; 34 hyd.; 9 v.; pipe, galv. i.; pres., dom. 42 lbs., f. 100 lbs.; cons. day, 500,000 gals.; cost, \$40,000; cost mtce., \$3,600; wks. owned by city.

ATHENS, p. 14,913; f. area, $\frac{1}{4}$ m.; merc. bldgs., bk., 1 to 7 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & l. trk., 8 c. hand ex., 1 auto. hose wag., 2 hose wag., 7 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; fair, 500 ft.; tot. hose, 5,000 ft.; f. al., Gamewell, 37 bx.; 18 m. wire; val. equip., \$25,000; val. bldgs., \$16,000; exp. dept., \$18,500; tot. mem., 19, pd. full time.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to res. to stdp.; stdp. cap., 176,000 gals.; dim., 20 x 75, loc. near city, on hill; mat., sheet i.; res. cap., 12,000,000 gals.; 4 pump eng., class comp. dup., cap. day 6,400,000 gals.; mains, c. l., 20 m., 6 to 18 in. dia.; 248 hyd.; 78 v.;

met., 1,198; 910 serv.; pipe, galv. i.; pres., dom. 72 lbs., f. 72 lbs.; cons. day, 760,000 gals.; cost, \$212,649; cost mtce., \$10,000; wks. owned by city.

ATLANTA, p. 154,839; f. area, 26 sq. m.; merc. bldgs., stn. & bk., 1 to 17 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 chief's auto., 1 chief's wag., 8 str., 1 in reserve, 5 h. & l. trk., 1 aer. trk., 1 comb. auto. c. eng. & hose wag., 36 c. hand ex., 2 c. eng. on wls., 1 water tower, 3 comb. c. & h. wag., 9 hose wag., 66 hrs.; hose, cot., rub. lined, gd., 26,000 ft.; in reserve, 2,300 ft.; f. al., Gamewell, 123 bx.; val. equip., \$190,389; val. bldgs., \$289,500; exp. dept., \$200,000; tot. mem., 209, pd. full time.

Water Supply—Src., riv., 7 m. bus. cent.; sys., pump. to res. & dir.; res. cap., 400,000,000 gals.; 8 pump. eng., 6 horizontal comp. & 2 vertical triple expansion, cap. day 83,000,000 gals.; mains, c. l., 332 m., 3 to 36 in. dia.; 3,078 hyd.; met., 27,132; 27,132 serv.; 3,742 v.; pres., dom. 50 lbs., f. 80 to 100 lbs.; cons. day, 16,313,000 gals.; cost, \$3,695,542; cost mtce., \$61,664; operating exp., \$158,807; wks. owned by city.

AUGUSTA, p. 41,040; f. area, 9 sq. m.; merc. bldgs., bk., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 motor pump, 2 auto. comb. c. & h. wag., 1 comb. hose wag., 1 chief's auto., 1 aast. chief's buggy, 3 str., 1 c. eng., 18 c. hand ex., 1 h. & l. trk., 1 aer. trk., 2 hose wag. (1 in reserve), 1 supply wag., 12 hrs.; hose, cot., rub. lined, gd., 11,000 ft., 900 ft. c. hose in reserve; f. al., Gamewell, 130 bx.; val. equip., \$90,000; exp. dept., \$82,500; tot. mem. 73, pd. full time.

Water Supply—Src., riv., $3\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap. day, 7,000,000 gals., loc. $3\frac{1}{4}$ m. west city; 2 pump. eng., class dup. & comp. dup., cap. day 52,000,000 gals.; mains, c. l., 160 m., 4 to 24 in. dia.; 1,002 hyd.; 459 v.; met., 113; 4,500 serv.; pres., dom. 80 lbs.; cons. day, 7,600,000 gals.; cost, \$1,000,000; cost mtce., \$11,392.55; wks. owned by city.

AUSTELL, p. 755. F. dept.—1 hose reel, 1 hr.; hose, 500 ft.

Water Supply—Src., well; stdp. cap., 50,000 gals.; 2 hyd.

BAINBRIDGE, p. 4,217; f. area, 25 a.; bldgs., bk., 2 stor.; fwks. & combt. ord. F. dept.—2 str., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$1,000; tot. mem., 80 vol., 2 pd.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump, res. & stdp.; stdp. cap., 94,000 gals.; dim., 12 x 110; mat., bk. & cem.; res. cap., 87,000 gals.; 2 pump. eng., size 12 x $8\frac{1}{4}$ x 10; cap. min. 500 gals.; mains, c. l., 9 m., 6 to 10 in. dia.; 52 hyd.; 37 v.; 1,000 serv.; pipe, galv. f.; pres., dom. 45 lbs., f. 110 lbs.; cons. day, 200,000 gals.; cost, \$40,000; cost mtce., \$2,500; wks. owned by city.

BARNESVILLE, p. 3,068; f. area, 640 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose reel, 3 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$1,500; exp. dept., \$300; tot. mem. 33, vol.; undrs. rating, second class.

Water Supply—Src., spr.; sys., grav. & pump. to res.; res. cap., 310,000 gals.; 1 pump. eng., cap. day 1,000,000 gals.; mains, 7 m., 4 to 8 in. dia.; 35 hyd.; met., 2; 110 serv.; pipe, wrt. i.; pres., f. 175 lbs., dom. 80 lbs.; cons. day, 100,000 gals.; cost, \$20,000; cost mtce., \$1,250; wks. owned by city.

BAXLEY, p. 831. F. dept.—2 hose carts; 600 ft. hose; bell al.; vol.

BLAKELY, p. 1,838. F. dept.—3 hose carts; 1,500 ft. hose; tot. mem., 40.

Water Supply—Src., wells; sys., pump to res.; res. cap., 35,000 gals.; stdp. cap., 25,000 gals.; 1 pump, cap. 1,440,000 gals. day; pres., 42 lbs.; 30 hyd.

BOSTON, p. 1,180. F. dept.—1 hand eng., 1 hose cart; hose, gd., 300 ft.; inf., 200 ft.; tot. hose, 500 ft.; tot. mem., 12.

BOXLEY, p. 488. F. dept.—Str., 2 hose carts; hose, 600 ft.; f. al. bell.

Water Supply—Src., well in bus. cent.; res. cap., 60,000 gals.; 1 pump. eng., cap. day 75,000 gals.; mains, 2 m., 4 to 6 in. dia.; 27 hyd.; 12 v.; pres., dom. 37 lbs.; cons. day, 20,000 gals.; cost mtce., \$1,000; wks. owned by city.

BRUNSWICK, p. 10,182; f. area, 2,000 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—1 La France str. in reserve, 1 h. & l. trk., 7 c. hand ex., 2 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 4,800 ft.; f. al., Gamewell, 25 bx.; val. equip., \$19,543; val. bldgs., \$3,000; exp. dept., \$9,000; tot. mem. 10, pd. full time; undrs. rating, second class.

Water Supply—Src., wells; sys., pump to res., to stdp. & dir.; stdp. cap., 112,000 gals.; res. cap., 212,000 gals.; 2 pump. eng., cap. day 4,000,000 gals.; mains, 20 m., 6 to 12 in. dia.; 94 hyd.; 25 v.; 1,400 serv.; pres., dom. 30 lbs., f. 70 to 80 lbs.; cost, \$118,000; wks. owned by Co.

BUENA VISTA, p. 1,016; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al. bell; tot. mem., 40 vol.; undrs. rating, fourth class.

Water Supply—Sys., grav., pump to res., to stdp. or dir.; stdp. cap., 40,000 gals.; dim., 27 x 18, loc. 55 ft. above city; 1 hyd.; new wks. in process of construction.

CAIRO, p. 1,505; f. area, 20 a.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 2 hose car.; hose, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., wh.; val. equip., \$3,500; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 20 vol.; undrs. rating, third class.

Water Supply—Src., well; stdp. cap., 60,000 gals.; dim., 20 x 30 in.; res. cap., 120,000 gals.; 2 pump. eng., combined cap. day 75,000 gals.; c. i. mains, 4,100 ft., 6 to 8 in. dia.; 10 hyd.; 3 v.; pipe, galv. i.; pres., dom. 56 lbs., f. 150 lbs.; cons. day, 15,000 gals.; cost, \$25,000; cost mtce., \$4,000; wks. owned by city.

CALHOUN, p. 1,652. Vol. dept.—14 men; 2 hose carts, 1,500 ft. hose.

Water Supply—Src., spr.; sys., pump to res.; res. cap., 700,000 gals.; pumps, cap. 20,000 gals. hour; pres., 68 lbs.; mains, 3 m., 4 to 8 in. dia.; 3 hyd.

CAMMILLA, p. 1,827. F. dept.—2 hose carts, 1,000 ft. hose, 20 men.

Water Supply—Src., well; ¼ m. bus. cent.; sys., pump to res.; res. cap., 60,000 gals.; 3 pump. eng. cap. day, 2,448,000 gals.; mains, c. i., 4, 6 & 8 in. dia.; 26 hyd.; 250 met.; pres., dom. 30 lbs., f. 110 lbs.; wks. owned by city.

CARROLLTON, p. 8,297. F. dept.—40 men, vol.; 4 hose carts, 1 h. & l. trk., 2,000 ft. hose.

Water Supply—Src., riv. & res., 1 m. bus. cent.; sys., pump dir.; res. cap., 3,000,000 gals.; 3 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 6 m., 4 to 10 in. dia.; 85 hyd.; 60 v.; 425 met.; 424 serv.; pres., dom. 55 lbs., f. 125 lbs.; cons. day, 200,000 gals.; cost, \$60,000; cost mtce., \$6,000; wks. owned by city.

CARTERSVILLE, p. 4,067; f. area, 160 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hrs., 1 hose wag., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; f. al. bell, tel.; val. equip., \$3,000; val. bldgs., \$200; exp. dept., \$25; tot. mem., 60 vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 110,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 8 m., 4 to 10 in. dia.; 10 hyd.; met., 37; 680 serv.; pres., f. 75 lbs.; cost, \$180,000; cost mtce., \$3,500; wks. owned by city.

CEDARTOWN, p. 3,551; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,450 ft.; f. al. bell; val. equip., \$4,000; val. bldgs., \$18,000; exp. dept., \$2,200; tot. mem. 15, pd. full time 8, vol. 12.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., air. pres. & pump to stdp.; stdp. cap., 188,600

gals.; dim., 20 x 78; mat., stl.; 2 pump. eng., class, comp. dup., cap. day 1,000,000 gals.; mains, c. i., 7.2 m., 4 to 12 in. dia.; 61 hyd.; 50 v.; 450 met.; 800 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 100 lbs.; cons. day, 500,000 gals.; cost, \$34,000; cost mtce., \$3,500; wks. owned by city.

CLOQUITT, p. 1,000; f. area; 250 a. F. dept.—2 hose reels, 1,000 ft. hose; val. equip., \$1,500; val. bldgs., \$250; exp. dept., \$300; tot. mem. 10, pd. part time; undrs. rating, third class.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; pump. cap. day, 450,000 gals.; 28 hyd.; 56 v.; mains, 800 ft., 4 to 10 in. dia.; pres., dom. 45 lbs., f. 110 lbs.; cost, \$10,000; cost mtce., \$3,000; wks. owned by city.

COCHRAN, p. 1,688; f. area, 18 a.; bldgs. bk. & frame, 1 & 2 stor. F. dept.—1 str., 1 hose car., 1 f. pump.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., wh.; tot. mem., 6, pd. full time; undrs. rating, third class.

Water Supply—Src., artesian wells; sys., pump to stdp.; stdp. cap., 60,000 gals.; 2 pump. eng.; res. cap., 100,000 gals.; pres., 50 lbs.

COLUMBUS, p. 20,564; f. area, 3 sq. m.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 4 str., 1 in reserve, 1 c. eng. on wls., 16 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 in reserve, 3 comb. c. & h. wag., 20 hrs.; hose, cot., rub. lined, gd., 12,000 ft.; inf., 200 ft.; tot. hose, 12,200 ft.; f. al., elec. bell, 31 bx.; val. equip., \$50,000; val. bldgs., \$50,000; exp. dept., \$35,000; tot. mem. 38, pd. full time.

Water Supply—Src., creeks & mountain spr., 4 m. bus. cent.; sys., grav., pump to stdp.; stdp. cap., 588,000 gals.; dim., 130 x 20; mat., stl.; res. cap., 50,000,000 gals.; 3 pump. eng., cap. day 4,500,000 gals.; mains, c. i., 30 m., 4 to 12 in. dia.; 222 hyd.; met., 1,300; 1,728 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 75 lbs.; cons. day, 1,000,000 gals.; cost, \$585,000; cost mtce., \$7,000; wks. owned by Co.

CORDELE, p. 5,888; merc. bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al. bell; val. equip., \$2,500; exp. dept., \$800; tot. mem. 24, pd. part time & vol.; undrs. rating, second class.

Water Supply—Src., well, 1,100 ft. bus. cent.; sys., pump to res.; res. cap., 79,000 gals., loc. at station; 2 pump. eng., cap. day 700,000 gals.; mains, iron, 4 to 8 in. dia.; 22 hyd.; 210 serv.; pres., dom. 70 lbs., f. 110 lbs.; wks. owned by city.

CUTHBERT, p. 3,210; f. area, 1¼ m.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. eng., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 1,500 ft.; tot. hose, 3,000 ft.; f. al. bell; val. equip., \$4,600; val. bldgs., \$3,000; exp. dept., \$1,200; tot. mem., 75 vol.; undrs. rating, third class.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 120,000 gals.; res. cap., 120,000 gals.; 3 pump. eng., class dup., cap. day 1,287,000 gals.; mains, c. i., 9½ m., 4 to 10 in. dia.; 300 met.; 75 hyd.; 400 serv.; pres., dom. 60 lbs., f. 150 lbs.; cons. day 200,000 gals.; cost, \$60,000; cost mtce., \$850; wks. owned by city.

DALTON, p. 5,324; f. area, ¼ to ¾ m.; merc. bldgs., bk., 2 to 4 stor.; priv., stn., bk. & wd., 2 to 3 stor.; wd. rfs. not perm. in f. area. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., tower bell; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$1,500; tot. mem. 27, pd. full time 2, vol. 25.

Water Supply—Src., spr. & creek; sys., pump to stdp.; stdp. cap., 125,000 gals.; res. cap., 11,116,800 gals.; 2 pump. eng.; mains, 5 m., 4 to 10 in. dia.; 54 hyd.; met., 3; 450 serv.; pres., dom. 60 lbs., f. 80 lbs.; cons. day, 90,000 gals.; cost, \$25,000; cost mtce., \$2,500; wks. owned by city.

DARIEN, p. 1,391; merc. bldgs., bk., 1 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$4,500; exp. dept., \$400; tot. mem. 30, pd. full time 1; undrs. rating, fourth class.

Water Supply—Src., riv., cistern & wells; res. cap., 28,000 gals.; cost, \$4,000; cost mtce., \$400.

DAWSON, p. 3,827; f. area, 37 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 str., 1 hand eng., 2 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., bell & wh., 7 bx.; val. equip., \$13,250; val. bldgs., \$10,000; exp. dept., \$4,500; tot. mem. 12, pd. full time 4, pd. part time 8; undra. rating, third class.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump. to stdp.; stdp. cap., 75,000 gals.; res. cap., 250,000 gals.; 3 pump. eng., cap. day 1,440,000 gals.; mains, iron, 8 m., 4 to 10 in. dia.; 60 hyd.; met., 10; pres., dom. & f. 55 lbs.; cost, \$35,000; wks. owned by city.

DECATUR.—Fire dept.—2,466 ft. gd. hose, 2 hose reels, nozzles, couplings, &c.; vol.

Water Supply—Src., creek, $2\frac{1}{2}$ m. bus. cent.; sys., tank, pump dir.; tank cap., 80,000 gals., 20 in. inside dia. tank; tower, 125 ft. high; mat., stl.; res. cap., 750,000 gals.; 2 pump. eng.; high-serv. pumps, cap. day 4,000,000 gals.; mains, c. i., 2 to 8 in. dia.; 77 hyd.; 28 v.; 650 met., 653 serv.; pipe, c. l.; pres., dom. 50 lbs.; cons. day 230,000 gals.; cost, \$71,000; cost mtce., \$4,800; wks. owned by city.

DOUGLAS, p. 3,550. F. dept.—2 hose reels; hose, 500 ft.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., air lift, stdp., cap. 60,000 gals.; mat., stl.; res. cap., 66,000 gals.; 1 pump. eng., class, dup., cap. day 500,000 gals.; c. & wrt. l. mains, 8 m., $\frac{1}{4}$ to 6 in. dia.; 22 hyd.; 12 v.; met., 134; 234 serv.; pres., dom. 40 lbs., f. 90 lbs.; cons. day, 200,000 gals.; cost, \$33,000; wks. owned by city.

DOUGLASVILLE, p. 1,462; f. area, 5 a.; no f. dept.

Water Supply—None.

DUBLIN, p. 5,795; f. area, $1\frac{1}{4}$ sq. m., merc. bldgs., bk., 1 to 7 stor.; priv., wd. & stn., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 c. hand ex., 1 comb. c. & h. wag., 1 h. & l. trk., 2 hose wag., 1 hr.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., telp., Gamewell, 21 bx., & bell; val. bldgs., \$10,000; exp. dept., \$5,000; tot. mem., 7 full pd. men.

Water Supply—Src., wells; sys., pump to stdp.; dim., 145 x 16; 2 pump. eng., class comp., cap. day 1,000,000 gals. each; mains, 10 m., 4 to 8 in. dia.; 85 hyd.; pres., dom. 80 lbs., f. 210 lbs.; cost, \$28,000.

EASTMAN, p. 2,855. F. dept.—2 reels; hose, cot., rub. lined, gd., 1,500 ft.; al., gum & ride; tot. mem., 26 vol.; undra. rating, fourth class.

Water Supply—Src., well, in bus. cent.; sys., pump to res.; res. cap., 12,000 gals.; pump. eng., cap. day 72,000 gals.; mains, 8 in. dia.; 6 hyd.; 12 serv.; cost, \$2,500; cost mtce., \$350.

EAST POINT, p. 3,682; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. trk. equip. with 40-gal. c., 1 h. & l. trk., 8 c. hand ex., 4 hose reels; hose, 2,100 ft.; f. al., wh. & telp.; val. equip., \$7,500; tot. mem. 43, pd. full time 5, 38 vol.; undra. rating, second class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; stdp. cap., 225,000 gals.; dim., 110 x 18; res. cap., 324,000 gals.; 2 pump. eng.; combined cap. day 750,000 gals.; c. i. mains, 8 m., 4 to 10 in. dia.; 52 hyd.; 44 v.; met., 65; 44 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 150 lbs.; cons. day, 70,000 gals.; cost, \$50,000; cost mtce., \$2,500; wks. owned by city.

EATONTON, p. 2,036; f. area, 800 a.; merc. bldgs., bk., 1 to 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., creek, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 120 x 10 res. cap., 500,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; 5 $\frac{1}{2}$ m. mains; 57 hyd.; 27 v.; 182 met.; 190 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 100 to 120 lbs.; cost, \$30,000; cost mtce., \$3,600; wks. owned by city.

EDISON, p. 1,000; f. area, 880 a. F. dept.—1 hand hose reel, 1 c. eng., 42 c. hand ex.,

500 ft. hose; val. equip., \$700; val. bldgs., \$40; exp. dept., \$36; tot. mem. 12, pd. \$1 per call; undra. rating, third class.

Water Supply—Src., artesian well, 1 m. bus. cent.; sys., pump. to stdp.; 1 pump. eng., cap. min. 750 gals.; mains, 7,000 ft.; 2 hyd.; 100 serv.; pres., dom. 45 lbs., f. 125 lbs.; cost, \$23,000; cost mtce., \$2,280; wks. owned by city.

ELBERTON, p. 6,483. F. dept.—1 h. & l. trk., 1 hose car., 1 hr., 1 hose wag.; hose, 2,000 ft.; tot. mem. 12, pd. part time 1.

Water Supply—Src., creek; sys., pump to res. & stdp.; res. cap., 750,000 gals.; stdp. cap., 100,000 gals.; 2 pumps, cap. day 750,000 gals.; 6-in. mains, 5 $\frac{1}{2}$ m.; 54 hyd.; dir. pres., 125 lbs.

FITZGERALD, p. 5,795. F. dept.—1 comb. wag. equip. with 100-gal. c. tank, 100 ft. c. hose, 2 c. eng., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 1,750 ft., in reserve 1,000 ft.; f. al., elec. bell; tot. mem. 9, pd. men 4, vol. 5.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 100 x 12 $\frac{1}{2}$; mat., stl.; res. cap., 150,000 gals.; mains, 11 $\frac{1}{2}$ m., 4 to 10 in. dia.; 89 hyd.; pres., f. 100 lbs.

FORSYTH, p. 2,208. F. dept.—1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; tot. mem., 14 vol.

Water Supply—Src., spr. branch, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 180,000 gals.; 1 pump. eng., class comp. dup., cap. day 500,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 25 hyd.; pres., dom. 50 lbs., f. 150 lbs.; cost, \$18,000.

FORT GAINES, p. 1,320; f. area, 1 m.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. wag., 1 c. eng., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; vol.; undra. rating, second class.

Water Supply—Src., artesian well; sys., pump to res. & dir.; res. cap., 100,000 gals.; mat., cem. & bk.; 2 pump. eng., cap. day 1,440,000 gals.; mains, 2 m., 6 to 8 in. dia.; 9 hyd.; pres., dom. 65 lbs., f. 75 lbs.; cost, \$20,000; cost mtce., \$600; wks. owned by city.

FORT VALLEY, p. 2,697; f. area, 5 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—12 c. hand ex., 2 hose carts; hose, 1,000 ft.; f. al., bell; val. equip., \$1,000; tot. mem., 25 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; dim., 17 x 25 ft.; mat., stl.; 2 pump. eng., class comp. dup., cap. day 864,000 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 25 hyd.; met., 150; 175 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 70 lbs.; cons. day, 80,000 gals.; cost, \$25,000; cost mtce., \$1,500; wks. owned by city.

GAINESVILLE, p. 5,925; f. area, 2,560 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 300 ft.; tot. hose, 4,300 ft.; f. al., bell; val. equip., \$5,780; val. bldgs., \$16,000; exp. dept., \$2,280; tot. mem. 5, pd. full time 4, vol. 4; undra. rating, second class.

Water Supply—Src., spr., 3 m. bus. cent.; sys., pump to stdp. or dir. to mains; stdp. cap., 200,000 gals.; mat., iron; 2 pump. eng., class trip. & elec. cap. day 2,880,000 gals.; mains, c. i., 22 m., 4 to 12 in. dia.; 153 hyd.; 70 v.; met., 437; 980 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 90 lbs.; cons. day, 900,000 gals.; cost, \$42,000; cost mtce., \$2,100; wks. owned by city.

GREENSBORO, p. 2,120; f. area, 10 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 aer. trk., 2 hose wag.; hose car.; hose, cot., rub. lined, gd., 1,750 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$1,000; tot. mem., 24 vol.

Water Supply—Src., creek, $\frac{1}{4}$ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 102,000 gals.; dim., 12 x 120; mat., stl.; res. cap., 110,000 gals.; loc. on hill near station; 3 pump. eng. cap. day 600,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 32 hyd.; dom. pres., 60 lbs., f. 120 lbs.; cons. day, 90,000 gals.; cost, \$21,000; cost mtce., \$1,200; wks. owned by city.

GRIFFIN, p. 7,478; f. area, 100 a.; merc. bldgs., bk. & stn., 2 stor.; wd. rfs. not perm.; fwks. &

combt. ord. F. dept.—2 str., 1 c. eng., 2 c. hand ex., comb. h. & l. c. eng. & hose cart, 3 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; rub. gd., 500 ft.; tot. hose, 3,500 ft.; f. al., Gamewell, 16 bx.; val. equip., \$20,000; val. bldgs., \$3,500; tot. mem. 67, pd. full time 7, vol. 60; undra. rating, second class.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 275,000 gals.; res. cap., 350,000 gals.; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, 15 m., 4 to 16 in. dia.; 120 hyd.; met., 200; 260 serv.; pres., dom. 50 lbs., f. 125 to 150 lbs.; cost, \$147,000; cost mtce., \$3,000; wks. owned by city.

HAWKINSVILLE, p. 3,420; f. area, 640 a.; merc. bldgs., bk. 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,850 ft.; rub., 400 ft.; inf., 1,650 ft.; tot. hose, 3,900 ft.; f. al., gong & wh.; val. equip., \$8,000; val. bldgs., \$3,500; exp. dept., \$1,500; tot. mem. 25, pd. full time 1, pd. part time 3, vol. 21; undra. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; res. cap., 85,000 gals.; 2 pump. eng.; cap. day, 750,000 gals.; mains, 5 m., 4 to 10 in. dia.; 56 hyd.; 20 v.; 310 met.; 288 serv.; pres., dom. 65 lbs.; f. 100 lbs.; cons. day, 150,000 gals.; cost, \$20,000; wks. owned by city.

JACKSON, p. 1,862; f. area, 3 blocks; merc. bldgs., bk. & wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—10 c. hand ex., 1 h. & l. trk., 1 hr.; f. al. bell & telp.; val. equip., \$1,200; val. bldgs., \$500; exp. dept., \$600; tot. mem. 20, pd. full time 1, vol. 19.

Water Supply—Running str., 100,000 gals. min. cap.; pres., f. 145 lbs.

LA FAYETTE, p. 1,590; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$1,700; tot. mem., 18 vol.

LA GRANGE, p. 5,587; f. area, 700 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—hose wag., 2 hrs., 4 c. & h. wag.; hose, cot., rub. lined, 2,000 ft.

Water Supply—Src., creek, 1½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 132,000 gals.; dim., 15 x 100; mat., stl.; res. cap., 3,000,000 gals.; loc. near pump. station; 2 pump. eng., class dup., cap. day 1,000,000 gals.; mains, cem. & stl., 7 m., 4 to 8 in. dia.; 110 hyd.; 1,120 v.; met., 300; 475 serv.; pres., dom. 50 lbs., f. 60 lbs.; cons. day, 300,000 gals.; wks. owned by Co.

LINDALE, p. 5,000; f. area, 700 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str. pumps, 2 c. hand ex., 1 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 1,000 ft.; tot. hose, 5,500 ft.; f. al., bell; tot. mem., 23 vol.

Water Supply—Src., spr., ¾ m. bus. cent.; sys., pump to res. & mains; res. cap., 2,000,000 gals.; loc. on hill back of town; 2 pump. eng., class trip; mains, c. l., 12 m., 12 x 8 in. dia.; 52 hyd.; 16 v.; pres., dom. 105 lbs., f. 105 lbs.; cost, \$35,000; cost mtce., \$200; wks. owned by Massachusetts Mill Co.

LOUISVILLE, p. 1,039; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels, hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 1,000 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$1,000; tot. mem., 10 vol.; undra. rating, third class.

Water Supply—Src., well, ¾ m. bus. cent.; sys., pump to stdp.; stdp. cap., 35,000 gals.; 2 pumps, cap. day 35,000 gals.; 50 hyd.; 75 met.; 122 v.; 220 serv.; mains, 3 m., 4 to 8 in. dia.; pres., dom. 40 lbs., f. 75 lbs.; cons. day, 20,000 gals.; cost, \$30,000; wks. owned by city.

LUMPKIN, p. 1,140; merc. bldgs., bk. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; tot. mem., 36 vol., pd. \$1 each for every f. attended.

Water Supply—Src., res.; sys., pump; res. cap., 85,000 gals.; 1 pump. eng., cap. day 200,000 gals.

MACON, p. 40,665; merc. bldgs., stn. & bk., 1 to 7 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. ord.; causes of f. inv. F. dept.—5 auto. comb. pump & hose wag., 2 auto. comb. c. & h. wag., 2 auto. comb. h. & l. trk., 1 chief's auto., 5 str. in reserve, 1 c. eng., 18 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 hose wag.; hose, cot., rub. lined, gd., 13,500 ft.; c., 1,250 ft.; tot. hose, 14,750 ft.; f. al., Gamewell, 84 bx.; val. equip., \$100,000; val. bldgs., \$40,000; exp. dept., \$56,420; tot. mem. 72, pd. full time.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 875,000 gals.; dim., 65 x 50; loc. at Vineville; mat., stl.; res. cap., 2,500,000 gals.; loc. at Second & Boundary sts.; 6 pump. eng., cross-comp. & trip., cap. day 28,500,000 gals.; mains, c. l., 115.83 m., 4 to 20 in. dia.; 471 hyd.; 554 v.; met., 2,188; 5,278 serv.; pipe, galv. i.; pres., dom. 50 lbs.; cons. day, 4,800,000 gals.; wks. owned by city.

McRAE, p. 1,160; f. area, 40 a.; merc. bldgs., stn., bk. & wd.; wd. rfs. perm. F. dept.—1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 16 vol.

Water Supply—Src., well; sys., pump to stdp. & dir.; stdp. cap., 35,000 gals.; dim., 10 x 15; mat., stl.; res. cap., 20,000 gals.; 3 pump. eng., class dup., cap. day 432,000 gals.; mains, c. l., 3 m., 4 to 12 in. dia.; 24 hyd.; 12 v.; 125 serv.; 86 met.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 80,000 gals.; cost, \$18,000; cost mtce., \$500; wks. owned by city.

MADISON, p. 2,412; f. area, 1,000 yds.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—4 hand hose reels, 1 h. & l. trk., ladders, hooks, poles & buckets, 2,000 ft. cot., rub. lined hose; f. al., bell; tot. mem., 28 vol.

Water Supply—Branch, 2 m. out. Water is pumped in with turbine pump.

MARIETTA, p. 5,949; f. area, 15 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; wd. rfs. not perm. F. dept.—1 str., 1 hand eng., 2 c. hand ex., 1 h. & l. trk., 4 hose car., 2 hrs., 1 c. eng.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell & telp.; val. equip., \$15,000; exp. dept., \$1,914; tot. mem., 101 vol. & 1 pd. man.

Water Supply—Src., well, ¾ m. bus. cent.; sys., pump to stdp.; stdp. cap., 471,240 gals.; dim., 40 x 50; loc. ¾ m. city; mat., stl.; res. cap., 240,000 gals.; 1 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. l., 22 m., 2 to 14 in. dia.; 118 hyd.; 140 v.; 1,350 serv.; 95 met.; pres., dom. 65 lbs., f. 125 lbs.; cons. day, 230,400 gals.; wks. owned by city.

MILLEDGEVILLE, p. 4,385; f. area, 30 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 4 hose reels; hose, rub. gd., 1,500 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$2,000; exp. dept., \$750; tot. mem. 80, pd. part time & vol.; undra. rating, second class.

Water Supply—Src., creek, 2½ m. bus. cent.; sys., pump to stdp.; mat., iron; 2 pump. eng.; 75 hyd.; met., 188; 345 serv.; pres., f. 70 lbs.; wks. owned by Co.

MILLEN, p. 2,030. F. dept.—1 hose reel, 2 hrs.; hose, 1,000 ft.

Water Supply—Src., well; stdp. cap., 65,000 gals.

MONROE, p. 3,029; val. equip., \$3,000; val. bldgs., \$5,000; tot. mem., 25.

Water Supply—Src., creek 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals.; dim. 15 x 110; res. cap., 1,000,000 gals.; 2 pump. eng., class comp.; cap. day, 700,000 gals.; mains, c. l., 6 m., 6 to 10 in. dia.; 45 hyd.; 275 met.; 275 serv.; pres., dom. 60 lbs.; f. 120 lbs.; cons. day, 80,000 gals.; cost, \$35,000; cost mtce., \$3,000; wks. owned by city.

MONTEZUMA, p. 1,630. F. dept.—1 str., 1 h. & l. trk., 5 hose carts, 2 hose reels, 2 hrs.; hose, 1,500 ft.; tot. mem. 25, pd. part time & vol.

Water Supply—Src., 6 artesian wells; res. cap., 210,000 gals.; 40 hyd.; pres., 50 lbs.

MONTICELLO, p. 1,503. F. dept.—Vol.; hose, reels, &c.

Water Supply—Wks. owned by city.

MOULTRIE, p. 8,349. F. dept.—1 hose reel, 1 hose wag.; hose, cot., rub. lined, gd., 3,500 ft.; f. al. bell; tot. mem. 17, pd. full time 7, vol. 10.

Water Supply—Src., wells; sys., pump dir. to mains; stdp. cap., 150,000 gals.; res. cap., 225,000 gals.; 2 pump. eng., class dup., cap. day 2,000,000 gals.; mains, c. i., 8 m., 4 to 10 in. dia.; 75 hyd.; 12 v.; met., 425,500 serv.; pipe, galv. i.; pres., dom. 85 lbs., f. 100 lbs.; cons. day, 175,000 gals.; wks. owned by city.

NEWMAN, p. 5,548; f. area, 640 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 auto. comb. c. & h. wag., 1 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., Gamewell, 14 bx., & telp.; tot. mem. 41, 4 pd. full time.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; stdp. cap., 300,000 gals.; dim., 20 x 120; mat., stl.; res. cap., 1,000,000 gals.; loc. 1½ m. city; 2 pump. eng., class comp., cap. day 750,000 gals.; 1 hor. turbine pump, 1,000,000 gals. cap. day; mains, c. i., 11 m., 4 to 10 in. dia.; 70 hyd.; 75 v.; met., 482,490 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 80 lbs.; cons. day, 300,000 gals.; cost, \$50,000; cost mtce., \$4,500; wks. owned by city.

OCILLA, p. 2,017; f. area, 200 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 3 hose reels; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$3,500; exp. dept., \$150; tot. mem., 8 vol.

Water Supply—Src., 1 well, cap. 150,000 gals.; 1 elevated tk., 20 x 25, cap. 60,000 gals.; sys., grav.; res. cap., 52,500 gals.; 1 pump, cap. 500,000 gals. day; pres., 110 lbs.; 12,050 ft. mains, 6 to 10 in. dia.; 29 hyd.

PELHAM, p. 1,880; f. area, 50 a. F. dept.—4 c. hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; inf., 1,000 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$750; val. bldgs., \$2,000; tot. mem., 35 vol.

Water Supply—Src., well; sys., air lift; 2 pumps, cap. day 1,000,000 gals.; 27 hyd.; 8 v.; 8 serv.; cost, \$60,000; wks. owned by city.

PERRY, p. 650; f. area, 1 sq. m. F. dept.—2 hose wag., 1,000 ft. hose; val. equip., \$1,000; val. bldgs., \$50; exp. dept., \$30; tot. mem., 12 vol.

Water Supply—Src., creek; sys., pump; 2 pump. eng., cap. day 300,000 gals.; 25 hyd.; pres., f. 120 lbs.; cost, \$16,000; wks. owned by city.

QUITMAN, p. 3,915; f. area, 300 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 c. eng., 4 c. hand ex., 1 comb. c. & hose wag., 1 hose wag.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 12 bx.; val. equip., \$14,500; val. bldgs., \$15,000; exp. dept., \$200; tot. mem. 19, pd. full time 3, vol. 16.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump dir. to mains; res. cap., 100,000 gals.; loc. 10 ft. pumps; 2 pump. eng., cap. day 1,080,000 gals.; mains, 10 m., 4, 6 & 8 in. dia.; 50 hyd.; 40 v.; 400 met.; 450 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 80 lbs.; cost, \$25,000; cost mtce., \$200; wks. owned by city.

RICHLAND, p. 1,250; vol. dept., 2 hose reels, 1,000 ft. hose; al., firearms; 1 h. & l. trk., 3 comb. wag.; tot. mem., 8 pd.

Water Supply—Src., tank, 60,000 gals.; sys., pump to res.; stdp. 90 ft. high; res. cap., 46,000 gals.; pres., dom. 50 lbs., f. 125 lbs.; 2 m. mains; 26 hyd.

ROME, p. 12,099; merc. bldgs., bk., 1 to 6 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 chief's auto., 2 auto. comb. c. & h. wag., 8 hose wag., 1 in reserve, 300 ladders, 14 hand ex., 1 aer. trk., 8 hrs.; hose, cot., rub. lined, gd., 9,150 ft.; inf., 350 ft.; tot. hose, 9,500 ft.; f. al., Gamewell, 47 bx.; val. equip., \$36,140; val. bldgs., \$25,000; exp. dept., \$15,000; 96 men.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res. & dir. to mains; stdp. cap., 180,000 gals.; dim., 60 x 20 ft.; mat. stl.; res. cap., 3,000,000 gals.; loc. 1 m. bus. cent.; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, c. i., 22 m., 4 to 16 in. dia.; 188 hyd.; 127 v.; met., 450;

1,600 serv.; pipe, wrt. i.; pres., dom. 90 lbs., f. 90 lbs.; cons. day 1,800,000 gals.; cost, \$275,000; cost mtce., \$15,000; wks. owned by city.

SANDERSVILLE, p. 2,641. F. dept.—1 h. & l. trk., 3 hose carts, 1,500 ft. hose; al., bell & telp.; 88 men, vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 100,000 gals.; stdp. cap., 76,140 gals.; 2 pumps, 10-in. pipe; 51 hyd.

SAVANNAH, p. 65,064; f. area, 6½ sq. m.; merc. bldgs., stn., bk. & wd., 1 to 10 stor.; priv., bk., stn. & wd., 2 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—7 str., 8 in reserve, 2 chief's auto., 1 chief's wag., 1 auto. c. eng., 1 c. eng. in reserve, 4 comb. c. & h. wag., 30 c. hand ex., 2 aer. trk., 3 comb. h. & l. trk., 4 hose wag., 1 hose reel, 4 fuel wag., 13 hrs., 1 in reserve; hose, cot., rub. lined, gd., 17,325 ft.; f. al., Gamewell, 106 bx.; exp. dept., \$116,700; tot. mem. 100, pd. full time.

Water Supply—Src., wells; sys., pump to res., to stdp. or dir.; 4 pump. eng., class horizontal comp. cross-comp., cap. day 21,000,000 gals.; mains, 77 m., 4 to 42 in. dia.; 702 hyd.; 450 v.; met., 197,900 serv.; pipe, lead & iron; pres., 45 lbs.; cons. day, 9,800,000 gals.; cost, \$1,500,000; cost mtce., \$65,000; wks. owned by city.

SHELLMAN, p. 985. No f. dept.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 30,000 gals.; 8 hyd.

SPARKS, p. 842. F. dept.—1 h. & l. trk., 1 c. eng.

Water Supply—None.

SPARTA, p. 2,500; f. area, 2 sq. m. F. dept.—2 hose reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$3,500; tot. mem., 35 vol.; undrs. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 4 pump. eng., cap. day 1,500,000 gals.; mains, 5 m.; 38 hyd.; 18 v.; pres., dom. 65 lbs., f. 150 lbs.; cost, \$50,000; cost mtce., \$1,200; wks. owned by city.

STATESBORO, p. 2,529; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,800 ft.; f. al., wh.; val. equip., \$3,000; exp. dept., \$600; tot. mem., 25 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 70,000 gals.; 1 stdp., 25 x 20; 2 pumps, cap. day 500,000 gals.; pres., dom. 45 lbs.; f. 100 lbs.; mains, 4 to 8 in. dia.; 33 hyd.; cons. day 100,000 gals.; wks. owned by city.

SYLVANIA, p. 1,400. F. dept.—1 hose reel, hose; vol.

SYLVESTER, p. 1,400; f. area, 25 a. F. dept.—2 hand carts, 1 ladder & wag., 1,500 ft. hose; val. equip., \$800; val. bldgs., \$25; tot. mem., 8 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 1 pump. eng., cap. day 60,000 gals.; mains, 3 m.; 30 hyd.; 30 v.; 30 serv.; cost, \$20,000; wks. owned by city.

TALLAPOOSA, p. 2,117; f. area, 320 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., elec., 24 bx.; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$700; tot. mem., 24 vol.; undrs. rating, third class.

Water Supply—Src., brooks; sys., pump to res. & stdp.; stdp. cap., 131,000 gals.; dim., 100 x 15; res. cap., 3,000,000 gals.; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, 5½ m., 4 to 10 in. dia.; 54 hyd.; 28 v.; met., 1; 172 serv.; pres., f. 40 lbs.; cons. day, 400,000 gals.; cost, \$30,000; cost mtce., \$2,850; wks. owned by M. A. Greene.

THOMASTON, p. 1,645; f. area, 15 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,800; val. bldgs., \$1,000; tot. mem., 15 vol.; undrs. rating, third class.

Water Supply—Src., Potato Creek, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; res. cap., 2,500,000 gals.; 3 pump. eng. class.

centrif. & dup.; cap. day, 1,000,000 gals.; mains, c. l.; 5 m.; 6 to 10 in. dia.; 48 hyd.; 30 v.; 100 met.; 100 serv.; pipe, galv. l.; pres., dom. 50 to 60 lbs.; f. 125 to 150 lbs.; cons. day, 50,000 gals.; cost, \$30,000; wks. owned by city.

THOMASVILLE, p. 6,727; f. area, 2 m.; merc. bldgs., bk. & stm., 1 to 3 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 2 ex., 6 nozzles, 2 hrs., 3,000 ft. hose, 1 h. & l. trk.; f. al., wh. & telp.; exp. dept., \$2,654; tot. mem. 5, pd. full time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 370,000 gals.; dim., 25 x 100; mat., stl.; res. cap., 90,000 gals.; loc. at pump. plant; 2 pump. eng. & 2 air compressors, cap. day 600,000 gals.; mains, c. l., 11 m., 4, 6 & 8 in. dia.; 99 hyd.; 21 v.; met., 680; pipe, galv. l.; pres., dom. 40 lbs., f. 120 lbs.; cons. day, 275,000 gals.; wks. owned by city.

THOMSON, p. 2,151; f. area, 500 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hose reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., bell, wh.; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$50; tot. mem. 30, vol.; undrs. rating, second class.

Water Supply—Src., wells & cistern, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals.; res. cap., 100,000 gals.; 1 pump. eng., cap. day 750,000 gals.; mains, 2 m., 6 to 10 in. dia.; 40 hyd.; 5 v.; 150 serv.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 30,000 gals.; cost, \$13,000; cost mtce., \$100; wks. owned by city.

TIFTON, p. 2,381; f. dept. not reported.

Water Supply—Src., deep well, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 2,000 gals.; mat., iron; res. cap., 150,000 gals.; 1 pump. eng., class, stm., cap. day 1,000,000 gals.; mains, c. l., 3 m., 4 in. to 10 in. dia.; 34 hyd.; 22 v.; met., 175; 300 serv.; pipe, galv. l.; pres., dom. 40 lbs., f. 120 lbs.; cons. day, 284,000 gals.; cost, \$35,000; cost mtce., \$4,500; wks. owned by city.

TOCCOA, p. 3,120; dept. equip., 2 hose carts, 1,200 ft. hose; f. al., bell; vol.

Water Supply—Src., lake, 3 m. bus. cent.; sys., grav.; res. cap., 35,000,000 gals.; mains, 10-in. c. l., 4 m.; 36 hyd.; pres., dom. 100 lbs.; cost mtce., nominal; wks. owned by city.

TRION, p. 1,721; f. area, 320 a.; merc. bldgs., bk., 2 stor.; priv., 1 to 3 stor.; wd. ris. perm.; f. & combt. ord.; causes of f. inv. F. dept.—O. hand ex., 12 hose car.; hose, rub. lined, gd., 3,000 ft.; f. al., bells; val. equip., \$2,000; val. bldgs., \$500; tot. mem., 100.

Water Supply—Src., res., $\frac{1}{4}$ m. bus. cent.; res. cap., 300,000 gals.; supply pump, cap. 240,000 gals. day; rotary pumps, cap. 500 gals. min.; f. pump, 1,000 gals. min. cap.; mains, c. l., 4 m., 4 to 8 in. dia.; 56 hyd.; 10 v.; pres., dom. 80 lbs., f. 90 lbs.; cons. day, 200,000 gals.

VALDOSTA, p. 7,656; merc. bldgs., bk. & iron., 1 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. limits; fwks. & combt. ord. F. dept.—1 str., 1 comb. c. & h. wag., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 600 ft.; tot. hose, 3,600 ft.; f. al., Gamewell, 15 bx.; val. equip., \$9,500; val. bldgs., \$6,200; exp. dept., \$5,000; tot. mem. 6, pd.; undrs. rating, second class.

Water Supply—Src., wells; sys., pump dir. to mains; res. loc. at pump. station; 3 pump. eng., cap. day 2,500,000 gals.; mains, c. l., 15 m., 4 to 8 in. dia.; 85 hyd.; met., 598; 679 serv.; pipe, galv. l.; pres., dom. 50 lbs., f. 125 lbs.; cost, \$56,000; cost mtce., \$7,500; wks. owned by city.

VIENNA, p. 1,564; f. area, 160 a.; merc. bldgs., wd. & bk. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; f. al., wh.; tot. mem., 12 vol.

Water Supply—Src., wells in bus. cent.; sys., pump to stdp.; stdp. cap., 90,000 gals.; res. cap., 90,000 gals.; pump. eng., cap. day, 720,000 gals.; mains, 4 m.; 6 to 10 in. dia.; 25 hyd.; 30 v.; 200 met.; pres., dom. 60 lbs.; f. 100 lbs.; cons. day, 50,000 gals.; cost, \$30,000; cost mtce., \$2,000; wks. owned by city.

WADLEY, p. 872. F. dept.—10 hand ex.; hose, 100 ft.

Water Supply—Src., wells.

WASHINGTON, p. 3,065; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 eng., 8 c. hand ex., 1 h. & l. trk., 3 hose reels, 1 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., telp.; undrs. rating, third class.

Water Supply—Src., well & creek, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 750,000 gals.; mat., stl.; res. cap. 750,000 gals., loc. at station; 1 pump. eng., cap. day 100,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 30 hyd.; 5 v.; met., 55; 100 serv.; pipe, galv. l.; pres., dom. 45 lbs., f. 150 lbs.; cons. day 40,000 gals., wks. owned by city.

WAYCROSS, p. 14,485; f. area, 100 a.; merc. bldgs., bk., 1 to 5 stor.; priv., wd., 1 to 3 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 auto. str., 1 h. & l. trk., 2 hose wag., 1 comb. c. & h. wag., 3 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 1,000 ft.; tot. hose, 3,500 ft.; f. al., telp. & wk.; val. equip., \$4,500; exp. dept., \$4,500; tot. mem., 10, pd. full time 6, pd. part time 4.

Water Supply—Src., wells; sys., grav.; pump to res., to stdp. or dir.; stdp. cap., 237,000 gals., dim. 120 x 20; res. cap., 50,000 gals.; 2 pump. eng.; 14 air compressors, cap. day 2,744,000 gals.; mains, c. l., 15 m., 4 to 10 in. dia.; 156 hyd.; met., 6; pres., dom. 60 lbs., f. 120 lbs.; cost, \$56,000; cost mtce., \$2,000; wks. owned by city.

WAYNESBORO, p. 2,729; f. area, 500 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. hose wag., c. & h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,200 ft.; f. al., telp.; val. equip., \$6,500; val. bldgs., \$750; tot. mem., 16 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; res. cap., 65,000 gals.; 3 pump. eng., cap. day 300,000 gals.; mains, 2 $\frac{1}{2}$ m.; 34 hyd.; 16 v.; 293 met.; 410 serv.; pres., dom. 62 lbs., f. 125 lbs.; cons. day, 120,000 gals.; cost, \$65,000; wks. owned by city.

WEST POINT, p. 1,906; f. area, 1,200 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 hose cart, 1 hose wag., 2 hrs.; hose, rub. gd., 1,600 ft.; cot., rub. lined, gd., 1,600 ft.; inf., 400 ft.; tot. hose, 3,600 ft.; f. al., wh., val. equip., \$3,500; val. bldgs., \$1,500; exp. dept., \$1,200; tot. mem., 16, pd. full time 2, pd. part time 14.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 1,000,000 gals.; res. cap., 5,000,000 gals., 4 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 20 m., 4 to 10 in. dia.; 48 hyd.; 38 v.; 303 serv.; pipe, galv. l., pres., dom. 80 lbs., f. 100 lbs. cons. day, 506,000 gals.; cost, \$52,000; cost mtce., \$2,500; wks. owned by city.

WHIGHAM, p. 627. F. dept.—Vol.; waterwks. to be installed.

WINDER, p. 3,500; f. area, 25 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand h. & l. trk., 4 hand hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$3,000; exp. dept., \$50; tot. mem., 24 vol.

No waterwks.

WRIGHTSVILLE, p. 2,000. F. dept.—1 h. & l. trk., 2 hose wag., 1,500 ft. hose; f. al., bell; val. equip., \$2,500; tot. mem., 19 vol.; undrs. rating, third class.

Water Supply—Src., well; 1 m. bus. cent.; sys., dir. pres.; 2 pump. eng.; cap. day, 216,000 gals.; 30 hyd.; pres., dom. 90 lbs.; f. 200 lbs.; wks. owned by city.

Places with a population of 1,000 or more having no organized fire dept.—Abbeville, Blueridge, Canton, Commerce, Conyers, Covington, Edgewood, Hartwell, Helena, Hogansville, Lyons, Marshville, Roswell, Royston, Senola, Seville, Social Circle, Summerville, Talbotton, Tennille, Union Point, Warrenton, Woodbury.

Places with a population of 1,000 or more not reported—Claxton, Comer, Conyers, Dahlonega, Eastpoint, Hazlehurst, Lithonia.

HAWAII

HONOLULU, p. 191,909. F. dept.—str., 1 c. eng., 1 h. & 1 trk., 4 hose wag., 9 c. hand ex.; hose, cot., rub. lined, 9,650 ft.; inf., 2,200 ft.; tot. hose, 11,850 ft.; 20 hrs.; f. al., Gamewell, 84 bx.; tot. mem. 46, pd. full time.

Water Supply—Src., 5 res., spr. & surface water; res. cap., 670,000,000 gals.; 6 res. artesian water, cap. 6,000,000 gals.; sys., grav. & pump dir.; 5 pumps, triple exp. hor. comp., combined pump, cap., 15,000,000 gals. day; mains, 84 m., 2 to 16 in. dia.; 415 hyd.

IDAHO

ASHTON, p. 502. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; tot. mem., 80 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., dir.; stdp. cap., 30,000 gals.; mat., wd.; 1 pump. eng., cap. hour 14,400 gals.; mains, 4 to 6 in. dia.; 7 hyd.; pres., f. 100 lbs.

BOISE CITY, p. 17,358; merc. bldgs., bk., 1 to 7 stor.; priv., bk. & stn., 1 & 8 stor.; wd. rfs. perm. outside f. limits; combt. ord.; causes of f. inv. F. dept.—2 str., 2 comb. c. & h. wag., 8 c. eng., 1 aer. trk., 2 hose wag., 1 chief's auto. with c.; hose, 7,000 ft.; 15 hrs.; f. al., Gamewell, 60 bx.; cost mtce., \$26,753.64; full pd. dept., 86 mem.

Water Supply—Src., artesian & open wells, 2 m. bus. cent.; sys., grav. & pump to stdp.; mat., stn., bk. & cem.; 4 res., comb. cap. 5,990,000 gals.; 3 pump. eng., class turbine, cap. day, 10,296,000 gals.; mains, kalomein, 50 m., 4 to 18 in. dia.; 163 hyd.; 230 v.; met., 1,053; 1,800 serv., pipe, galv. i.; pres., dom. 40 lbs., f. 90 lbs.; cons. day, 2,000,000 gals.; cost, \$350,000; cost mtce., \$27,000; wks. owned by Co.

BUHL, p. 639. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; tot. mem., 17 vol.

Water Supply—Src., canal, 1 m. bus. cent.; sys., grav.; mains, 4 to 6 in. dia.; 13 hyd.; pres., dom. 55 lbs., f. 55 lbs.

BURKE, p. 1,500. F. dept.—2 hand hose carts; hose, 300 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells; stdp. cap., 35,000 gals.; 4-in. mains; 11 hyd.; pres., dom. 70 lbs.

CALDWELL, p. 3,543. F. dept.—1 auto. comb. c. & h. wag., 2 c. hand ex., 1 h. & 1 trk., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 1,000 ft.; inf., 600 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$1,300; val. bldgs., \$3,000; exp. dept., \$2,500; tot. mem., 25, pd. full time 3, vol. 22; undrs. rating, fourth class.

Water Supply—Res. cap., 200,000 gals.; pump, 1,750 gals. min. cap.; 4 wells; mains, 5½ m., 4, 6, 8 & 10 in. dia.; 32 hyd.; pres., 100 lbs.

COEUR D'ALENE, p. 9,291; f. area, 18 a. F. dept.—1 h. & 1 trk., 4 hose carts; hose, 2,000 ft.; val. equip., \$3,000; val. bldgs., \$300; exp. dept., \$400; tot. mem., 40 vol.

Water Supply—Src., lake; sys., pump.; 1 trip. pump, cap. 1,200 gals. min.; res. cap. 500,000 gals.; 63 hyd.; mains, 20 m.; pres., dom. 90 lbs., f. 150 lbs.; cost, \$7,500.

COTTONWOOD, p. 555. F. dept.—1 h. & 1 trk., 2 hose carts, 1 c. cart with 2 c. tk., 600 ft. hose; 17 vol.; f. al., bell.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., grav., pump to res.; res. cap., 320,000 gals.; 1 pump. eng., class gasoline, cap. day 28,800 gals.; mains, stl., 3½ m., 6 to 8 in. dia.; 12 hyd.; 12 v.; met., 4; pres., dom. 85 lbs.; cost, \$20,000; wks. owned by Cottonwood Water & Light Co.

CUL DE SAC, p. 436. F. dept.—8 hose carts; hose, cot., rub. lined, gd., 750 ft.; f. al., bell; tot. mem., 23 vol.

Water Supply—Src., creek & spr., 1 m. bus. cent.; sys., grav.; res. cap., 120,000 gals.; mains, 6 in. dia.; 7 hyd.; pres., dom. 85 lbs., f. 85 lbs.

EMMETT, p. 2,500. F. dept.—1 c. eng., 1,000 ft. hose; f. al., bell; tot. mem., 30 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; 1 pump. eng.; hyd.; 16 v.; pres., dom. 60 lbs., f. 90 lbs.; wks. owned by city.

FERDINAND, p. 150. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 250 ft.; vol.

Water Supply—Mountain strm.; sys., grav.; res.

cap., 30,000 gals.; mains, 4 in. dia.; 3 hyd.; pres., 35 lbs.

GENESEE, p. 742. F. dept.—1 h. & 1 trk., 1 hose cart; hose, 600 ft.; tot. mem., 20.

Water Supply—Sys., grav.; res. cap., 250,000 gals.; 35 hyd.; pres., 65 lbs.

GRANGEVILLE, p. 1,534. F. dept. not reported. Water Supply—Src., spr., 3¼ m. bus. cent.; sys., grav.; mat., stl.; res. cap., 40,000,000 gals.; mains, stl., 25 m., 1 to 10 in. dia.; 25 hyd.; 23 v.; 8 met.; pipe, stl.; pres., dom. 110 lbs., f. 110 lbs.; cost mtce., \$40,000; wks. owned by Co.

HAILEY, p. 1,221; f. area, 100 a.; merc. bldgs., mostly bk., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; rub., gd., 650 ft.; tot. hose, 1,750 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; tot. mem., 21 vol.

Water Supply—Src., creek, 2¼ m. bus. cent.; sys., pump to res. & grav.; res. cap., 325,000 gals.; 3 pump. eng., class centrif., cap. 250 gals. min.; mains, 8 m., 2½ to 10 in. dia.; 19 hyd.; 10 v.; 150 serv.; pipe, iron; pres., f. 37 to 85 lbs.; cost, \$20,000; cost mtce., \$1,000; wks. owned by Co.

HARRISON, p. 932. F. dept.—1 c. eng., 3 hose carts; hose, 1,200 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$500; tot. mem., 21 vol.

Water Supply—Src., Lake, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 1 pump. eng., cap. day 417,600 gals.; mains, 3½ m., 2 to 8 in. dia.; 17 hyd.; pres., dom. 60 lbs., f. 95 lbs.; cons. day, 50,000 gals.; cost, \$17,000; wks. owned by priv. Co.

IDAHO FALLS, p. 4,827; f. area, 1,280 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1 & 1½ stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 5 c. hand ex., 1 hose reel, 3 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., telp.; val. equip., \$3,500; val. bldgs., \$5,000; exp. dept., \$3,000; tot. mem., 20, pd. full time 3, vol. 17.

Water Supply—Src., riv.; sys., pump to res. & dir.; res. cap., 10,000 gals.; pump. eng., cap. day, 1,512,000 gals.; mains, 20 m., 4 to 8 in. dia.; 41 hyd.; 43 v.; 500 serv.; pipe, iron; pres., dom. 40 to 50 lbs., f. 90 lbs.; cons. day, 300,000 gals.; cost, \$50,000; wks. owned by Co.

ILO, p. 210; f. area, 25 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car., c. hand ex.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$2,000; val. bldgs., \$600; tot. mem., 20 vol.

Water Supply—Src., well, 1 block bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; res. cap., 60,000 gals.; 1 pump. eng.; cap. day 40,000 gals.; mains, 1 m., 6 in. dia.; 8 hyd.; 25 v.; pipe, galv. i.; cost, \$8,000; wks. owned by city.

JEROME, p. 970. F. dept.—2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 50 ft.; inf., 500 ft.; tot. hose, 1,550 ft.; f. al., bell; val. equip., \$1,100; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 17 vol.

Water Supply—Src., wells; sys., grav.; stdp. cap., 50,000 gals.; res. cap., 50,000 gals.; 3 pump. eng., cap. day 192,000 gals.; mains, wd., 7 m., 1 to 8 in. dia.; 16 hyd.; 21 v.; 275 met.; 376 serv.; pres., dom. 50 lbs., f. 75 lbs.; cons. day, 50,000 gals.; cost, \$30,000; cost mtce., \$5,000; wks. owned by priv. corp.

JULIAETTA, p. 414. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; tot. mem., 9 vol.

Water Supply—Src., wells; sys., grav.; stdp. cap., 115,200 gals.; res. cap. 50,000 gals.; mains, 2 to 6 in. dia.; 6 hyd.; pres., 80 lbs.

KELLOGG, p. 1,273. F. dept.—1 c. eng., 20 c. hand ex., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; tot. mem., 35 vol.

Water Supply—Src., wells; sys., grav.; stdp. cap., 195,000 gals.; mains, 4 to 8 in. dia.; 18 hyd.; pres., f. 170 lbs.

KOOSKIA, p. 500; f. area, 50 a. F. dept.—2 hand hose carts; 1000 ft. hose; f. al., bell; val. equip., \$1,100; val. bldgs., \$100; tot. mem., 12 vol.

Water Supply—Src., river, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day, 150,000 gals.; mains, 8,500 ft.; 15 hyd.; 8 v.; 12 serv.; pres., dom. & f. 67 lbs.; cost, \$10,500; cost mtce., \$500; wks. owned by city.

LEWISTON, p. 6,043; merc. bldgs., bk. & stn., 2 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 auto. comb. c. & h. wag., 1 h. & l. trk., 6 hose carts; hose, 4,200 ft.; f. al., Gamewell, 27 bx.; val. equip., \$16,273; tot. mem., 75 vol.

Water Supply—Src., Clearwater riv., 2 m. bus. cent.; sys., pump to 2 res.; res. cap., 3,000,000 gals., loc. on hills 2 m. southeast of city; 5 pump. eng., class dup. trip. elec. & centrfl., cap. day 9,000,000 gals.; mains, stl. & wd., 54 m., 4 to 16 in. dia.; 109 hyd.; 249 v.; met., 312; 1,431 serv.; pipe, galv. l.; pres., dom. 95 lbs., f. 147 lbs.; cost, \$225,000; cost mtce., \$21,000; wks. owned by city.

MACKAY, p. 638. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose wag.; hose, 1,000 ft.; tot. mem., 25.

Water Supply—Sys., grav.; res. cap., 95,000 gals.; mains, 4 in. dia.; 20 hyd.; pres., 95 lbs.

MONTPELIER, p. 1,924; f. area, 2 sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand c. eng., 1 h. & l. trk., 2 hose carts, 6 c. ex.; hose, rub., 1,000 ft.; f. al., bell; val. equip., \$1,500; vol. dept., 28 mem.

Water Supply—Wells; no waterwks. sys.

MOSCOW, p. 3,670; f. area, 60 a.; merc. bldgs., bk., stn. & iron, 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs., wd. bldgs., not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—5 hose car.; hose, rub., gd., 2,400 ft.; inf., 600 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$9,500; val. bldgs., \$2,000; exp. dept., \$540; tot. mem., 100 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap. 50,000 gals., dim. 16 x 82, mat. stl.; 1 gasoline & 2 stim. pump. eng., cap. gasoline 308,000 gals. day, cap. stim. 874,000 gals. day; mains, 16 m.; pipe, iron; pres., dom. 82 lbs.; cost, \$140,000; cost mtce., \$7,000; wks. owned by city.

MOUNTAIN HOME, p. 1,411. F. dept.—1 c. eng.; f. al., bell; vol.

MULLAN, p. 1,667. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; tot. mem., 30 vol., pd. on call.

Water Supply—Src., creek; sys., grav.; res. cap., 40,000 gals.; mains, 2 to 5 in. dia.; 18 hyd.; pres., f. 125 lbs.

NAMPA, p. 4,205. F. dept.—1 comb. c. & h. wag., 8 c. hand ex., 1 h. & l. trk., 1 c. eng., 1 hose wag., 2 hose carts, 3 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 600 ft.; tot. hose, 3,600 ft.; f. al., Gamewell, 24 bx.; val. equip., \$8,000; val. bldgs., \$12,000; exp. dept., \$5,000; tot. mem., 17, pd. full time 3, pd. part time 4, vol. 10; undra. rating, third class.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., grav.; stdp. cap., 75,000,000 gals.; 2 pump. eng.; cap. day, 1,440,000 gals.; mains, stl., iron & wd., 16 m., 2 to 10 in. dia.; 56 hyd.; 65 v.; 732 met.; 732 serv.; pipe, iron; pres., dom. 65 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$82,000; cost mtce., \$6,500; wks. owned by city.

NEW PLYMOUTH, p. 274; f. area, 320 a.; merc. bldgs., bk., stn. & wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 8 ladders, 20

buckets; hose, cot., rub. lined, gd., 100 ft.; f. al., bell; val. equip., \$800; tot. mem., 20 vol.

No waterwks.

NEZ PERCE, p. 599. F. dept.—1 h. & l. trk., 1 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; vol.

Water Supply—Src., well; sys., dir. & grav.; stdp. cap., 40,000 gals.; res. cap., 160,000 gals.; mains, 4 to 6 in. dia.; 11 hyd.; pres., 65 lbs.

PAYETTE, p. 1,948. F. dept.—1 c. eng., 2 carts; hose, 1,000 ft.; tot. mem., 15 vol.

Water Supply—Src., Payette riv., ¼ m. bus. cent.; sys., dir. pres.; res. cap., 400,000 gals.; 2 pump. eng., cap. 600,000 gals. day; mains, wd., 10 m., 4 to 10 in. dia.; 39 hyd.; 275 met.; 300 serv.; pres., dom. & f., 75 lbs.; cons. day, 50,000 gals.; cost, \$50,000; cost mtce., \$2,000; wks. owned by city.

PECK, p. 350. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 250 ft.; f. al., bell; tot. mem., 8 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 32,000 gals.; mains, 4 in. dia.; 4 hyd.; pres., f. 115 lbs.

POCATELLO, p. 9,110; f. area, 40 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., stn., bk. & wd., 1 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 reels, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 600 ft.; tot. hose, 3,100 ft.; f. al., wh., 31 bx.; val. equip., \$4,500; val. bldgs., \$12,000; exp. dept., \$3,000; tot. mem., 26 vol., pd. part time 2.

Water Supply—Src., mountain str., 10 m. bus. cent.; sys., grav.; 8 res., cap. 7,000,000 gals.; mains, 16 m., 4 to 10 in. dia.; 58 hyd.; 453 serv.; pipe, galv. l.; pres., dom. 117 lbs., f. 150 lbs.; cons. day, 500,000 gals.; cost, \$600,000; cost mtce., \$10,000; wks. owned by Co.

RATHDRUM, p. 725. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; tot. mem., 10 vol.

Water Supply—Src., mountain str.; sys., grav.; 2 res., combined cap. 15,000 gals.; mains, 4 to 6 in. dia.; 18 hyd.; pres., 65 lbs.

REXBURG, p. 2,171; f. area, 180 a. F. dept.—2 hand hose reels, 6 c. hand ex., 1 h. & l. trk., ladders; hose, cot., rub. lined, gd., 1,300 ft.; exp. dept., \$18; tot. mem., 13, pd. full time 1, pd. part time 12.

Water Supply—Src., well; pump; 1 pump. eng., cap. day 17,280 gals.; 28 hyd.; pres., dom. 73 lbs., f. 173 lbs.; wks. owned by city.

SAND POINT, p. 2,993. F. dept.—1 str., 1 hose wag., 1 hose cart, 1 hose sled for winter, 2 c. hand ex., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 1,000 ft.; tot. hose, 2,000 ft.; f. al., Gamewell, 27 bx.; tot. mem., 4, pd. full time 1, pd. part time 1, vol. 2.

Water Supply—Src., creek, 5 m. bus. cent.; sys., grav.; res. cap., 700,000 gals.; mains, wd., 28 m., 6 to 14 in. dia.; 73 hyd.; 24 met.; 920 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 80 to 100 lbs.; wks. owned by priv. Co.

ST. ANTHONY, p. 1,238. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res.; mains, 10 in. dia.; 15 hyd.

TWIN FALLS, p. 5,258. F. dept.—1 comb. h. & c. wag., 1 auto. str., 2 hose carts, 5 hrs.; hose, 2,500 ft.; f. al., bell; tot. mem., 7, pd. full time.

Water Supply—Src., canal; 4 small res., combined cap. 1,000,000 gals.; mains, 18 x 12 in. dia.; 53 hyd.; pres., f. 90 lbs.; cons. day, 2,000,000 gals.

WALLACE, p. 3,000; f. area, ¼ sq. m.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 comb. h. & l. trk., 2 hose carts, 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 2,700 ft.; f. al., Gamewell, 20 bx.; val. equip., \$85,000; val. bldgs., \$10,000; exp. dept., \$7,000; tot. mem., 10, pd. full time.

Water Supply—Src., mountain str., 2 m. bus. cent.; sys., pump to res.; res. cap., 250,000 gals.; stdp. cap., 40,000 gals.; 80 hyd.; mains, stl. & iron, 2 to 8 in. dia.; pres., dom. 120 lbs.; cost, \$105,000, including elec. plant; wks. owned by Co.

WARDNER, p. 1,369; f. area, 5 blocks; merc. bldgs., mostly wd., 1 stor.; priv., wd., 1 stor.; wd.

rfa. not perm. in f. area; causes of f. inv. F. dept.—2 h. & 1 trk., 2 c. hand ex., 3 hose cart.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$3,350; val. bldgs., \$400; exp. dept., \$700; tot. mem., 40 vol.

Water Supply—Src., creek & spr.; mains, 5 m., cent.; sys., grav.; res. cap., 250,000 gals.; stdp. cap., 40,000 gals.; 30 hyd.; mains, stl. & iron, 2 to 8 in. dia.; pres., dom., 120 lbs.; wks. owned by Co.

WEISER, p. 2,600; f. area, 8 blocks; merc. bldgs., bk. & stn., 1 to 7 stor.; priv., 1 to 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 hand ex., 1 c. eng., 1 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 2,500 ft.; f. al., automatic & wh.; val. equip., \$3,200; tot. mem., 60 vol.

Water Supply—Src., Snake riv., 4 blocks bus. cent.; sys., pump to res.; 2 res., cap. 500,000 gals. each; 3 pump. eng., cap. day 1,026,000 gals.; mains, c. i. & stl., 14 m., 4 to 16 in. dia.; 120 hyd.; 100 v.; 700 met.; 700 serv.; pipe, galv. i.; pres., dom. 50 to 80 lbs., f. 100 lbs.; cons. day, 265,000 gals.; cost, \$130,000; wks. owned by city.

WENDELL, p. 482. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 500 ft.; vol.

Water Supply—Src., wells; sys., grav. & dir.; 2 res., combined cap. 100,000 gals.; 3 pump. eng., cap. day 91,300 gals.; 9 hyd.

Towns of 1,000 population not reported—American Falls, Blackfoot, Moleda, Oakley, Paris, Shoshone.

ILLINOIS

ABINGDON, p. 2,464; f. area, 320 a.; merc. bldgs., bk., 1½ & 2 stor.; priv., wd., 1½ stor.; wd. rfa. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose cart.; hose, rub. gd., 900 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$3,000; tot. mem., 50 vol.; undra. rating, third class.

Water Supply—Src., wells & cisterns, in bus. cent.; sys., grav.; pump to res. & dir.; stdp. cap., 36,000 gals., dim. 11 x 48, mat. stl. bk. & stn.; res. cap., 93,000 gals., loc. near well; 2 pump. eng.; mains, c. i., 6¼, 4, 6 & 8 in. dia.; 53 hyd.; 25 v.; met., 175; 200 serv.; pipe, galv. & c. i.; pres., dom. 50 lbs., f. 150 lbs.; cost, \$35,000; cost mtce., \$1,100; wks. owned by city.

ALBION, p. 1,281; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 300 ft.; tot. hose, 800 ft.; val. bldgs., \$200; exp. dept., \$60; tot. mem., 10 vol.

Water Supply—Src., wells & cisterns, cap. 35,000 gals.; sys., pump to stdp.; stdp. cap., 80,000 gals.; 1 pump. eng.; mains, 4½ m.; 29 hyd.; met., 140; 160 serv.; pres., dom. 69 lbs., f. 69 lbs.; cons., day 50,000 gals.; cost, \$20,000; cost mtce., \$800; wks. owned by city.

ALEDO, p. 2,144; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfa. not perm. F. dept.—1 c. eng., 1 hose wag., 2 hose carts, 1 h. & 1 trk.; hose, rub. gd., 1,000 ft.; f. al., bell & wh.; tot. mem., 30 vol.

Water Supply—Src., well, mains, 1 m., 4 to 6 in. dia.; 92 hyd.

ALEXIS, p. 829. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose carts; hose, 950 ft.; tot. mem., 30.

Water Supply—Src., wells, in bus. cent.; sys., pump to res.; res. cap., 50,000 gals.; 1 pump. cap., 100 gals. min.; mains, 2 m.; 10 hyd.; 95 met.; 100 serv.; pres., dom. & f., 40 lbs.; cons. day, 60,000 gals.; cost, \$60,000; cost mtce., \$900; wks. owned by city.

ALGONQUIN, p. 642. F. dept.—1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 500 ft.; f. al., wh. & bell.

Water Supply—Src., spr.; sys., grav.; res. cap., 105,000 gals.; 2 pump. eng., combined cap. day 200,000 gals.; mains, 2½ m., 4 to 8 in. dia.; 21 hyd.; pres., dom. 60 lbs., f. 160 lbs.; cons. day, 500,000 gals.; cost, \$15,000; cost mtce., \$200; wks. owned by city.

ALHAMBRA, p. 433. F. dept.—1 hand eng.; hose, gd., 200 ft.; vol.

ALTAMONT, p. 1,328. F. dept.—1 hand eng., 1 h. & 1 trk., 1 hose cart, 1 hose wag.; f. al., bell; val. equip., 2,000; exp. dept., \$250; tot. mem., 16 vol.; undra. rating, third class.

Water Supply—Src., cisterns & wells.

ALTON, p. 17,528; f. area, 2,600 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. trks., 1 h. & 1 trk., 3 hose trks., 9 hrs.; hose, rub. lined, gd., 5,000 ft.; f. al., Gamewell, 20 bx.; val. equip.,

\$22,000; val. bldgs., \$20,000; exp. dept., \$18,000; tot. mem., 23, pd. full time; undra. rating, first class.

Water Supply—Src., Miss. riv., 1 m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 350,000 gals., mat. stl.; 5 pump. eng., class centrif. comp. & trip. expansion, cap. day 20,000,000 gals.; 2 new boilers, 350 hp. each, at pump. plant; mains, c. i., 34 m., 4 to 18 in. dia.; 327 hyd.; 260 v.; 1,600 met.; pres., dom. 90 lbs., f. 150 lbs.

ALTONA, p. 528. F. dept.—1 c. eng., 1 comb. c. & h. wag., 9 c. hand ex., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 250 ft.; rub. gd., 50 ft.; tot. hose, 300 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; tot. mem., 30 vol.

Water Supply—Src., wells & cisterns.

AMBOY, p. 1,749; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 2 stor.; wd. rfa. perm. F. dept.—1 str., 3 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$1,000; tot. mem., 20, pd. \$15.00 yr.

Water Supply—Src., wells; sys., pump 350 gals. min. to res.; stdp. cap., 61,000 gals.; res. cap., 50,000 gals.; mains, 1½ m., 6 to 8 in. dia.; 16 hyd.; pres., dom. 45 lbs., f. 85 lbs.; cost, \$15,000; cost mtce., \$1,000; wks. owned by city.

ANNA, p. 2,809; f. area, 600 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfa. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 gas eng., 1 hand eng., 25 c. hand ex., 1 h. & 1 trk., 2 hose reels; hose, cot., rub. lined, gd., 2,000; exp. dept., \$300; tot. mem., 12.

Water Supply—No waterwks. system.

ANTIOCH, p. 682; f. area, 6 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—7 c. hand ex., 1 h. & 1 trk., 3 hrs.; hose, cot., rub. lined, gd., 750 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$25; tot. mem., 32 vol.

APPLE RIVER, p. 581. F. dept.—1 c. eng.; hose, cot., rub. lined, gd., 500 ft.

ARCOLA, p. 2,100; f. area, 200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfa. not perm.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 3 hose reels; hose, cot., rub. lined, gd., 2,400 ft.; f. al., bell & wh.; val. equip., \$1,600; val. bldgs., \$2,500; tot. mem., 26 vol.; undra. rating, third class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 33,000 gals., res. cap., 108,000 gals.; 2 pump. eng., cap. day 432,000 gals.; mains, 6 m., 4 to 8 in. dia.; 46 hyd.; 27 v.; 200 serv.; pres., dom. 45 lbs., f. 100 lbs.; cons., day 120,000 gals.; cost, \$40,000; cost

ARLINGTON HEIGHTS, p. 1,943; f. area, 790 a.; merc. bldgs., bk., 1 to 2 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—1 c. hand ex., 2 hose carts, 1 h. & 1 trk.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., bell & wh.; val. bldgs., \$8,000; tot. mem., 40.

Water Supply—Src., lake, 1 m. bus. cent.; res. cap., 100,000 gals.; pump cap., 20,000 gals. hr.; mains, 6½ m.; 87 hyd.; 87 v.; met., 93; pres. dom. 60 lbs., f. 98 lbs.; wks. owned by village

ARTHUR, p. 1,080. F. dept.—2 c. hand ex., 2 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$2,000; tot. mem., 21 vol.

ASHLAND, p. 1,098; f. area, 640 a.; merc. bldgs., bk., 1 to 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. str., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$8,000; exp. dept., \$40; tot. mem., 6, pd. full time.

Water Supply—Src., creek, wells & cisterns, in bus. cent.; sys., pump by hand.

ASHTON, p. 779. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 1 hose cart; hose, 1,000 ft.; f. al., bell.

Water Supply—Src., R. R. tank.

ASSUMPTION, p. 1,918; f. area, 600 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng. on wls., 1 h. & l. trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; inf., 650 ft.; tot. hose, 1,650 ft.; f. al., wh. & bell, 8 bx.; val. equip., \$3,500; val. bldgs., \$2,500; exp. dept., \$650; tot. mem., 25, pd. part time.

Water Supply—Src., wells & cisterns; stdp. cap., 60,000 gals.

ASTORIA, pop. 1,857. F. dept.—1 comb. h. & l. wag.; hose, 500 ft.; vol.

Water Supply—Src., artesian wells; sys., pump to stdp. & res.; stdp. cap., 85,000 gals.; res. cap., 112,000 gals.; mains, 3 m.; 23 hyd.

ATKINSON, p. 805. F. dept.—1 hand eng.; hose, cot., rub. lined, gd., 350 ft.; f. al., bell; tot. mem., 25 vol.

ATLANTA, p. 1,367; f. area, 10 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car; hose, linen, rub. lined, gd., 600 ft.; tot. mem., 40 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 84,000 gals.; pump, eng., cap. day 250,000 gals.; mains, 1½ m., 1 to 8 in. dia.; 12 hyd.; 6 v.; pres., f. 15 lbs.; cost, \$30,000.

AUBURN, p. 1,814. F. dept.—1 str.; hose, cot., rub. lined, gd., 500 ft.

AURORA, p. 29,807; f. area, 6.9 sq. m.; merc. bldgs., stn. & bk., 2 to 6 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str. in reserve, 2 comb. c. & h. wag., 1 auto. comb. c. & h. trk., 1 auto. aer. trk., 12 c. hand ex., 1 h. & l. trk. in reserve, 12 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., Gamewell, 110 bx.; val. equip., \$24,000; val. bldgs., \$40,000; exp. dept., \$34,890; tot. mem., 30, pd. full time; undra. rating, first class.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 225,000 gals., dim. 18 x 155, loc. 500 ft. station, mat. iron; res. cap., 1,315,000 gals., loc. 50 ft. station; 3 pump. eng., sizes 16 x 28 x 39, 14 x 22 x 18, cap. day 5,000,000 gals.; mains, c. l., 72 m., 4 to 16 in. dia.; 601 hyd.; 652 v.; met., 5,402; 5,402 serv.; pipe, lead & iron; pres., dom. 76½ lbs., f. 110 lbs.; cons., day 2,200,000 gals.; cost, \$500,000; cost mtce., \$22,000; wks. owned by city.

AVA, p. 780. F. dept.—1 str.; hose, cot., rub. lined, gd., 500 ft.

AVON, p. 865. F. dept.—1 hand eng.; hose, cot., rub. lined, gd., 750 ft.; vol.

BARRINGTON, p. 1,444; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 h. & l. trk., 1 hose car; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$800; val. bldgs., \$6,000; exp. dept., \$200; tot. mem., 18 vol.

Water Supply—Src., wells, at bus. cent.; sys., pump to res. & stdp.; stdp. cap., 95,000 gals., dim. 50 x 18, mat. stl.; res. cap., 40,000 gals., loc. on hill ½ m. town; 1 compressor & 1 pump, cap. day 600,000 gals.; mains, c. l., 7 m., 4 to 6 in. dia.; 60 hyd.; 10 v.; 250 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 90 lbs.; cons., day 100,000 gals.; cost, \$26,000; cost mtce., \$200; wks. owned by city.

BARRY, p. 1,647; f. area, 160 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—1 c. eng., 1 hand eng., 2 c. hand ex., 1 h. & l. trk., 2 hose car; hose, cot., rub. lined, gd., 2,000 ft.; tot. mem., vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 1,300 bbls.; pump, eng., cap. hour 400 bbls.; mains, 1 m., 4 to 6 in. dia.; 7 hyd.; pres., f. 40 lbs.; cost, \$20,000; cost mtce., \$500; wks. owned by city.

BATAVIA, p. 4,436; f. area, 3,000 a.; merc. bldgs., wd. & stn., 3 stor.; priv., wd. & stn., 2 stor.; wd. rfs. perm. F. dept.—3 hose car; hose, cot., rub. lined, gd., 2,200 ft.; inf., 150 ft.; tot. hose, 2,350 ft.; f. al., wh.; val. equip., \$3,800; val. bldgs., \$2,000; tot. mem., 30 vol.

Water Supply—Src., well, 1½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 500,000 gals.; 2 res., cap. 100,000 gals. each; 2 pump. eng., cap. day 1,600,000 gals.; mains, 26 m., 4 to 10 in. dia.; 91 hyd.; met., 1,700; 2,500 serv.; pres., dom. 65 lbs., f. 125 lbs.; cost, \$500,000; wks. owned by city.

BEARDSTOWN, p. 6,107; f. area, 850 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. auto. trk., 1 hand eng., 6 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 550 ft.; rub., gd., 2,500 ft.; tot. hose, 3,050 ft.; f. al., bell & wh.; val. equip., \$9,000; val. bldgs., \$1,000; exp. dept., \$1,200; tot. mem., 50 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 40,000 gals.; pump, eng., cap. day 1,000,000 gals.; mains, c. l., 14 1-5 m., 4 to 8 in. dia.; 74 hyd.; 650 serv.; pres., dom. 40 lbs., f. 125 lbs.; cost, \$50,000; cost mtce., \$4,000; wks. owned by city.

BELLEVILLE, p. 21,122; f. area, 6 sq. m.; merc. bldgs., bk. & stn., 1 to 5 stor.; priv., bk., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 str., 6 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 3 hose car, 9 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; inf., 1,100 ft.; tot. hose, 7,600 ft.; f. al., bell & tel., 20 bx.; val. equip., \$20,000; val. bldgs., \$14,000; exp. dept., \$16,480; tot. mem., 18, pd. full time; undra. rating, first class.

Water Supply—Src., Miss. riv., 1½ m. bus. cent.; sys., pump to res., to stdp. & dir.; stdp. cap., 500,000 gals., dim. 26 x 120, mat. iron; res. cap., 500,000 gals., loc. at station; 2 pump. eng., class simplex, non-con. & trip. cond., combined cap. day 7,000,000 gals.; mains, c. l., 65 m., 4 to 20 in. dia.; 384 hyd.; met., 2,000; 2,500 serv.; pipe, lead & galv. l.; pres., dom. 40 lbs., f. 110 lbs.; cons., day 850,000 gals.; wks. owned by Co.

BELVIDERE, p. 7,253; f. area, 1,800 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 5 hand ex., 2 comb. c. & h. wag., 6 hrs.; hose, cot., rub. lined, gd., 3,600 ft.; f. al., tel.; val. equip., \$7,000; val. bldgs., \$12,000; exp. dept., \$10,050; tot. mem., 8, pd. full time.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 160,000 gals.; res. cap., 500,000 gals.; 2 pump. eng., class dup., size 10 x 10½ x 10, cap. day 2,000,000 gals.; mains, c. l., 28 m., 4 to 10 in. dia.; 193 hyd.; 100 v.; met., 765; 1,350 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 100 to 125 lbs.; cons., day 750,000 gals.; cost, \$125,000; cost mtce., \$4,000; wks. owned by city.

CEMENT, p. 1,530; f. area, 20 a.; merc. bldgs., wd., 1½ & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose car, hooks, ladders & buckets; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 28 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 370,000 gals.; res. cap., 40,000 gals.; pump, eng., cap. day 1,440,000 gals.; mains, 2 m., 4 to 8 in. dia.; 19 hyd.; met., 49; 75 serv.; pres., dom. 48 lbs., f. 150 lbs.; cost, \$13,000; cost mtce., \$1,000; wks. owned by village.

BENLD, p. 1,912; f. area, 3 blocks; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. hand ex., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 500 ft.; inf., 500 ft.; tot. hose, 1,000 ft.; f. al. bell; val. equip., \$2,000; exp. dept., \$500; tot. mem., 16 vol.

Water Supply—Src., wells & cisterns.

BENSON, p. 362. F. dept.—6 c. ex., 1 hose cart; hose, 500 ft.; f. al., bell; tot. mem., 15.

Water Supply—Src., wells; sys., pump to stdp. & res.; stdp. cap., 1,400 bbls.; res. cap., 3,000 bbls.; mains, 1½ m.; 15 hyd.

BETHALTO, p. 447; f. area, 640 a. F. dept.—1 c. eng., 1 h. & 1 trk.; val. equip., \$1,200; val. bldgs., \$600; exp. dept., \$100; tot. mem., 20, pd. part time.

Water Supply—Src., wells.

BLANDINSVILLE, p. 987; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. eng.; hose, rub., gd., 560 ft.; undra. rating, fourth class.

Water Supply—Src., wells.

BLOOMINGTON, p. 25,768; f. area, 1 sq. m.; merc. bldgs., bk., 2 to 7 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 in reserve, 2 c. eng., 10 c. hand ex., 1 h. & 1 trk., 1 in reserve, 1 comb. hose wag., 4 hose wag., 1 in reserve, 2 chiefs' wag., 1 exerc. se wag., 14 hrs.; hose, 8,800 ft.; f. al., Gamewell, 53 bx.; val. equip., \$21,000; val. bldgs., \$48,000; exp. dept., \$30,000; tot. mem., 33.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to stdp. & dir.; res. cap., 10,000,000 gals.; stdp. cap., 76,000 gals., dim. 8 x 200, mat. iron & bk.; 2 pump. eng., class comp. & dup., cap. day 1,000,000 gals.; mains, iron, 52½ m., 4 to 20 in. dia.; 564 hyd.; 348 v.; met., 3,971; 5,000 serv.; p. pe. lead; pres., dom. 65 lbs.; f. 100 lbs.; cost, \$500,000; cost mtce., \$25,000; wks. owned by city.

BLUE ISLAND, p. 8,048; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 1 c. hand ex., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 2,000 ft.; rub., fair, 800 ft.; inf., 700 ft.; tot. hose, 3,000 ft.; f. al., telp., 17 bx.; val. equip., \$6,850; val. bldgs., \$11,500; exp. dept., \$545; tot. mem., 42.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 200,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 20 m., 6 to 10 in. dia.; 800 hyd.; 50 v.; met., 50; 1,500 serv.; pres., dom. 30 lbs.; f. 50 lbs.; cost, \$100,000; cost mtce., \$15,000; wks. owned by town.

BLUE MOUND, Macon Co., p. 900; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 gasoline eng., 1 hose reel; hose, 906 ft.; f. al., telp.; val. equip., \$1,000.

Water Supply—Src., well, near bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals.; dim., 16 x 60; mat., wd. & bk.; 2 pump. eng., cap. day 450,000 gals.; mains, wd. & iron, 2 m., 4 to 12 in. dia.; 32 hyd.; 18 v.; pipe, wd. & c. i.; pres., dom. 30 lbs.; f. 45 lbs.; cons., day 18,000 gals.; cost, \$4,000; cost mtce., \$400; wks. owned by city.

BLUFFS, p. 756. F. dept.—1 c. eng., 150 ft. gd. hose; vol.

Water Supply—Src., wells.

BRACEVILLE, p. 971; f. area, 40 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—2 stationary dir. pumps, 1 c. eng., 1 h. & 1 trk., 2 hose car., 1 c. eng.; hose, 1,400 ft.; f. al., bell; val. bldgs., \$1,000; exp. dept., \$800; tot. mem., 6, pd. full time.

Water Supply—Src., wells; sys., pump dir.; res. cap., 16,160 gals.; pump. eng., cap. day 1,728,000 gals.; mains, 1½ m., 4 in. dia.; 18 hyd.; pres., f. 100 to 125 lbs.; cost, \$11,500; cost mtce., \$1,475; wks. owned by city.

BRADFORD, p. 770. F. dept.—24 c. hand ex., 1 h. & 1 trk., 2 hose reels; hose, 1,000 ft.; f. al., telp. & bell.

Water Supply—Src., wells; tk. cap., 100,000 gals.; mains to tk., cap. 28,000 gals.

BRADLEY, p. 1,942. F. dept.—1 hose cart, 800 ft. hose; f. al., bell; tot. mem., 12 vol.; undra. rating, 4½ class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 50,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 86 hyd.; pres., dom. 80 lbs.; f. 50 lbs.; wks. owned by city.

BRAIDWOOD, p. 1,958; merc. bldgs., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 c. hand ex., 1 h. & 1 trk., 1 hose cart; hose, cot., rub.

lined, gd., 1,400 ft.; f. al., Gamewell & telg., 2 bx.; val. equip., \$5,000; val. bldgs., \$1,000; exp. dept., \$300; tot. mem., 24 vol.; undra. rating, third class.

Water Supply—Src., wells in bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals.; 1 pump. eng., cap. day, 201,600 gals.; mains, c. i., 2 m., 4 to 8 in. dia.; 18 hyd.; 4 v.; 48 serv.; pipe, galv. i.; pres., dom. & f. 48 lbs.; cons., day 20,000 gals.; cost, \$11,000; cost mtce., \$300; wks. owned by city.

BREESE, p. 2,128; f. area, 2,000 a.; merc. bldgs., bk., wd. & conc., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hand eng., 1 h. & 1 trk., 4 hose reels; pump pres., 125 lbs.; hose, 2,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 20 vol.; undra. rating, second class.

Water Supply—Src., creek, 2 m. bus. cent.; sys., elec.; tk. cap., 40,000 gals., dim. 16 ft. high, mat. wd. & i.; res. cap., 40,000 gals.; elec. pump. eng., cap. day 1,000,000 gals.; mains, iron, 6 m., 8 in. dia.; 50 hyd.; pres., dom. 60 lbs.; cons., day 2,000,000 gals.; cost, \$12,000; wks. owned by city.

BRIGHTON, p. 595. F. dept.—1 gasoline eng., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 500 ft.; tot. mem., 32 vol.

BRIMFIELD, p. 576. F. dept.—1 hand eng.; hose, cot., rub. lined, gd., 300 ft.; tot. mem., 27 vol.

BROCTON, p. 558. F. dept.—1 hand c. eng.; 300 ft. hose.

BUCKLEY, p. 495; f. area, 500 a. F. dept.—2 hose carts; hose, 900 ft.; exp. dept., \$100; tot. mem., 25.

Water Supply—Artesian well; 1 pump; 12 hyd.; mains, 4,500 ft.

BUDA, p. 887. F. dept.—3 hose carts, 2 controlling nozzles, 1 h. & 1 trk.; hose, 1,050 ft. 2½-in.; f. al., telp. & bell; tot. mem., 20 vol.

Water Supply—Src., spr.; sys., pump dir.; stdp. cap., 60,000 gals.; mains, 2½ m., 4 to 10 in. dia.; 19 hyd.

BUNKER HILL, p. 1,046; f. area, 8 blocks; merc. bldgs., bk., 1 & 2 stor.; priv., stn. bk. & wd., 1½ stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 6 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 700 ft.; rub., gd., 200 ft.; inf., 50 ft.; tot. hose, 950 ft.; f. al., bell, wh. & elec.; val. equip., \$2,000; val. bldgs., \$800; exp. dept., \$30; tot. mem., 37 vol.; undra. rating, second class.

Water Supply—Src., wells & cisterns.

BUSHNELL, p. 2,619; merc. bldgs., stn., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—26 c. hand ex., 1 h. & 1 trk., 1 hose wag., 8 hose car.; hose, rub., gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,500; exp. dept., \$350; tot. mem., 20, pd. part time; undra. rating, third class.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 40,000 gals., dim. 12 x 56, mat. bk. & iron; res. cap., 135,000 gals., loc. at pump. station; 2 pump. eng., cap. day 200,000 gals.; mains, c. i., 6 m., 4 to 8 in. dia.; 56 hyd.; 20 v.; met., 125; 250 serv.; pipe, lead; pres., dom. 46 lbs.; f. 150 lbs.; cons., day 80,000 gals.; cost, \$85,000; cost mtce., \$1,000; wks. owned by city.

BYRON, p. 932; f. area, 100 a.; merc. bldgs., stn. & bk., 2 stor.; priv. bldgs., wd., 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 c. eng., 12 c. hand ex., 1 h. & 1 trk., 3 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,000; tot. mem., 39 vol.; undra. rating, second class.

Water Supply—Src., artesian well, sys., pump. pump. eng., cap. 300 gals. min.

CABERY, p. 321; f. area, 6 a. F. dept.—1 hand eng., 8 c. ex., 1 h. & 1 trk.; hose, 600 ft.; f. al., bell; tot. mem., 11 vol.

Water Supply—Src., wells; sys., dir. pres., pump to stdp.; stdp. cap., 10,000 gals.; 18 hyd.

CABLE, p. 360. F. dept.—1 comb. c. & h. wag., 1 hand eng., 1 hose reel; hose, 650 ft.; f. al., bell; tot. mem., 10.

Water Supply—Src., wells.

CAIRO, p. 14,548; f. area, 1,400 a.; merc. bldgs., bk., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—3 combt. c. & h. wag., 2 hand eng., 1 h. & l. trk., 3 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al. telp.; val. equip., \$16,000; val. bldgs., \$25,000; exp. dept., \$18,000; tot. mem., 18, pd. full time.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 225,000 gals.; res. cap., 500,000 gals.; 4 pump. eng., cap. day 17,000,000 gals.; mains, 27 m., 6 to 20 in. dia.; 267 hyd.; pres., f. 80 to 100 lbs.; cons. day 4,000,000 gals.; wks. owned by priv. Co.

CAMBRIDGE, p. 1,272; f. area, 160 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 water tower, 2 hose wag.; hose, cot., rub. lined, gd., 1,250 ft.; inf., 600 ft.; tot. hose, 1,850 ft.; f. al., bell & wh.; val. equip., \$1,600; val. bldgs., \$3,000; exp. dept., \$460; tot. mem., 30 vols.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 40,000 gals.; res. cap., 80,000 gals.; 2 pump. eng., cap. day 50,000 gals.; mains 3½ m., 4 to 8 in. dia.; 30 hyd.; 400 serv.; 40 v.; 250 met.; pres. dom. 50 lbs.; f. 120 lbs.; cons. day 40,000 gals.; cost, \$33,000; cost mtce. \$800; wks. owned by city.

CAMP POINT, p. 1,148; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—2 c. eng., 1 h. & l. trk., 2 hand eng.; hose, linen, gd., 500 ft.; 25 vol.

Water Supply—Src., wells & cisterns; 2 hand pump. eng.

CAMPUS, p. 241. F. dept.—1 hose cart; 500 ft. hose; telp. al.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$600; 20 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 36,000 gals.; 1 pump. eng., cap. day 40,000 gals.; mains, 1 m., 4 to 6 in. dia.; 15 hyd.; 4 v.; 10 met.; pres., dom. 35 lbs.; f. 80 lbs.; cons. day, 6,000 gals.; cost, \$5,000; cost mtce., \$600; wks. owned by city.

CANTON, p. 10,458; f. area, 1,400 a.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 1 & 2 stor. F. dept.—1 str., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 6 hrs.; hose, cot., rub. lined, gd., 5,100 ft.; f. al. elec. & telp.; val. equip., \$20,000; val. bldgs., \$15,000; exp. dept., \$5,800; tot. mem., 11, pd. part time 8, 3 call men; undra. rating, third class.

Water Supply—Src., wells, 2½ m. bus. cent.; sys., dir. pres.; res. cap., 1,200,000 gals.; 4 pump. eng., cap. day 600,000 gals.; mains, c. i., 21¾ m., 4 to 12 in. dia.; 188 hyd.; met., 1,800; 1,800 serv.; pres., dom. 50 lbs.; f. 80 lbs.; cons., day 300,000 gals.; cost \$145,500; cost mtce., \$5,000; wks. owned by city.

CARBON HILL, p. 820; f. area, 160 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str. eng., 1 hose wag., 1 h. & l. trk.; hose, 1,000 ft.; f. al., bell; tot. mem., 25 vol.; val. bldgs., \$600.

Water Supply—Src., priv. wells.

CARBONDALE, p. 5,411; f. area, 48 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hose wag., 2 reels; hose, cot., rub. lined, gd., 500 ft.; rub., 800 ft.; tot. hose, 1,300 ft.; val. equip., \$2,500; tot. mem., 16 vol.

Water Supply—Src., wells; pump to stdp.; stdp. cap., 100,000 gals.; res. cap., 100,000 gals.; 1 pump., cap. 750,000 gals.; mains, 5 m., 4 to 12 in. dia.; 40 hyd.

CARDIFF, p. 1,031. F. Dept.—2 hose carts, 1,000 ft. hose; telp. al.; 18 vol.

Water Supply—Src., wells; 6-in. mains.

CARLINVILLE, p. 3,616; f. area, 1,000 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., on wks., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., elec. & bell; val. equip., \$3,000; val. bldgs., \$3,500; tot. mem., 31, pd. part time 1, 30 vol.

Water Supply—Src., creek, 1¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 75,000 gals.; dim. 10 x 120, loc. near public square, mat. c. i.; cap. plant, 500,000 gals.; 2 pump. eng.,

size 10 x 16, cap. day 2,000,000 gals.; mains, c. i., 6¾ m., 4 to 16 in. dia.; 74 hyd.; 35 v.; met., 2; 500 serv.; pipe, galv. i.; pres., dom. 40 lbs.; f. 80 lbs.; cost, \$65,000; cost mtce., \$7,000; wks. owned by Co.

CARLYLE, p. 1,982; f. area, 600 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 400 ft.; rub., gd., 600 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., bell & wh.

Water Supply—Src., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; mat., boiler i.; 2 pump. eng., class comp. dup., cap. 500,000 gals. each; mains, c. i., 8 in. dia.; pipe, c. i.; wks. owned by city.

CARMI, p. 2,833; f. area, 700 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,050 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 30 vol.; undra. rating, second class.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 200,000 gals.; dim. 12 x 116; 2 pump. eng., cap. day 750,000 gals.; mains, 7 m., 4 to 10 in. dia.; 64 hyd.; pres., dom. 50 lbs.; f. 50 lbs.; cost, \$37,000; wks. owned by city.

CARROLLTON, p. 2,323; f. area, 31 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose reels, 2 hose car., 3 hrs.; hose, cot., rub. lined, gd., 1,100 ft.; val. equip., \$1,000; val. bldgs., \$2,000; tot. mem., 60 vol.; undra. rating, second class.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav., pump to stdp.; stdp. cap., 27,000 gals.; dim. 11 x 36, mat. bk. & l.; 2 pump. eng., cap. day 643,000 gals.; mains, c. i., 11¾ m., 4 to 8 in. dia.; 61 hyd.; 18 v.; met., 150; pres., dom. 45 lbs.; f. 85 lbs.; wks. owned by city.

CARTERVILLE, p. 2,971; f. area, 400 a.; merc. bldgs., bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 gasoline eng., 1 c. eng., 15 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., telp. & wh.; tot. mem., 15 vol.

Water Supply—Src., wells.

CARTHAGE, p. 2,373; f. area, 160 blocks; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 3 hose reels; hose, rub., gd., 1,000 ft.; inf., 600 ft.; tot. hose, 1,600 ft.; f. al., bell; exp. dept., \$600; tot. mem., 45 vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 61,770 gals.; dim. 20 x 24; res. cap., 60,000 gals.; pump. eng., dup., cap. day 500,000 gals.; mains, wd. & iron, 3½ m., 4 to 6 in. dia.; 36 hyd.; met., 65; 75 serv.; pipe, galv. i.; pres., dom. 30 lbs.; f. 160 lbs.; cost, \$20,000; cost mtce., \$500; wks. owned by town.

CASEY, p. 2,157; f. area, 640 a.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 3 c. hand ex., 1 h. & l. trk., hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., wh.; val. equip., \$1,800; tot. mem., 25 vol.

Water Supply—Src., res., ¼ m. bus. cent.; sys., grav.; stdp. cap., 80,000 gals.; dim., 21 x 34 ft.; mat., stl.; mains, c. i., 1½ m., 6 to 8 in. dia.; 34 hyd.; 12 v.; 125 met.; pipe, c. i.; pres., dom. 75 lbs.; f. 75 lbs.; cost, \$18,000; wks. owned by priv. Co.

CENTRALIA, p. 9,880; f. area, 80 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 c. eng., 72 c. hand ex., 1 hose wag. with hooks; hose, gd., 1,500 ft.; 500 ft. old hose; tot. hose, 2,000 ft.; f. al., telp.; val. equip., \$6,000; val. bldgs., \$6,000; tot. mem., 10, pd. full time 2, vol. 8; undra. rating, second class.

Water Supply—Src., creek; sys., pump dir.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, 18 m., 4 to 12 in. dia.; 104 hyd.; 27 v.; met., 200; pres., f. 80 lbs.; cost, \$42,000; cost mtce., \$2,000; wks. owned by city.

CERRO GORDO, p. 876; merc. bldg. bk. & wd., 1 & 2 stor.; priv. bk. & wd., 1 & 2 stor. F. dept.—1 hand eng., 2 hose carts, 6 c. hand ex., 8 ladders; hose, rub., gd., 800 ft.; val. equip., \$600; tot. mem., 40 vol.

Water Supply—Src., cisterns & wells; sys., pump to stdp.; stdp. cap., 40,000 gals.; 2 pumps, cap. 50,000 gals. day; mains, 3½ m., 4 to 8 in. dia.; 41 hyd.; pres., dom. 45 lbs., f. 100 lbs.

CHADWICK, p. 527. F. dept.—1 hose cart; hose, 400 ft.; f. al., bell; tot. mem., 12.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 1,700 bbls.; 5 hyd.

CHAMPAIGN, p. 12,421; f. area, 6 sq. m.; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., bk. & wd., 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng. on wls., 7 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart, 6 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & telp., 10 bx.; val. equip., \$10,000; val. bldgs., \$20,000; exp. dept., \$9,000; tot. mem., 8, pd. full time.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; res. cap., 1,000,000 gals., loc. at station; 4 pump. eng., class dup. & trip., cap. day 5,000,000 gals.; mains, c. l., 38 m., 4 to 10 in. dia.; 310 hyd.; 220 v.; met., 3,500; 4,000 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 90 to 110 lbs.; cons., day 1,500,000 gals.; wks. owned by Co.

CHANDLERSVILLE, p. 1,000; f. area, 640 a. F. dept.—60 Babcock ex.

Water Supply—Not reported.

CHARLESTON, p. 5,884; f. area, 40 a.; merc. bldgs., stn. & bk., 1 to 2 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose & c. comb. wag., 2 c. hand ex., 1 hose wag., 1 hose cart, 2 hrs.; hose, rub. lined, gd., 1,700 ft.; f. al., bell & telp.; val. equip., \$4,000; val. bldgs., \$3,500; exp. dept., \$2,000; tot. mem., 10, pd. full time 3, pd. part time 7.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., pump dir.; res. cap., 4,000,000 gals.; pump. eng., cap. day 3,000,000 gals.; mains, 40 m., 4 to 12 in. dia.; 98 hyd.; 560 serv.; pres., dom. 25 lbs., f. 140 lbs.; cost, \$50,000; cost mtce., \$6,000; wks. owned by city.

CHATSWORTH, p. 1,112; f. area, 620 a.; merc. bldgs., bk. & wd., 1 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hand eng., 2 hose reels; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 400 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$3,000; tot. mem., 16, pd.

Water Supply—Src., wells, 1 block bus. cent.; sys., air pres.; 2 stdp., cap. 25,000 gals. each; res. cap., 60,000 gals., mat. iron; 2 pump. eng.; mains, 39 blocks, 6 to 8 in. dia.; 39 hyd.; met., 108; cost, \$20,000; wks. owned by city.

CHENOA, p. 1,314; f. area, 20 a.; merc. bldgs., bk., 1 to 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., wh.; val. equip., \$1,200; val. bldgs., \$1,000; tot. mem., 10 vol.

Water Supply—Src., well, 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 50,800 gals., dim. 180 ft. high, mat. stl.; res. cap., 104,000 gals.; 2 pump. eng., cap. day 201,000 gals.; mains, 14 m., 4 to 8 in. dia.; 60 hyd.; 80 serv.; pipe, lead; pres., dom. 60 lbs., f. 57 lbs.; cons., day 25,000 gals.; cost, \$40,000; cost mtce., \$1,000; wks. owned by city.

CHESTER, p. 2,800. F. dept.—3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$600; tot. mem., 24 vol.; undra. rating, 4½ class.

Water Supply—Src., Miss. riv.; sys., dir. pres.; 1 pump. eng., cap. day 144,000 gals.; 2 m. mains; 23 hyd.; 4 v.; 80 serv.; pres., dom. 48 to 98 lbs.; wks. owned by priv. Co.

CHICAGO, p. 2,185,283; f. area, 190 sq. m.; merc. bldgs., bk., iron, tile, 4 to 20 stor.; priv., bk., 2 to 4 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—111 str., 21 in reserve, 6 chief's auto., 2 in reserve; 11 auto. comb. c. & h. wag., 2 comb. c. & h. wag., 2 in reserve, 9 c. eng., 1 in reserve, 28 c. hand ex., 15 h. & l. tks., 3 in reserve, 10 aer. tks., 3 comb. aer. tks., 6 comb. h. & l. tks., 2 in reserve; 1 water tower, 4 f. boats, 101 hose wag., 10

in reserve, 2 comb. hose reels, 25 chief's wag., 5 in reserve, 15 supply wag., 17 in reserve, 13 fed wag., 631 hrs., 95 in reserve; hose, cot., rub. lined, gd., 290,615 ft., 8,500 ft. in reserve; f. al., Gamewell, 1,897 bx.; val. equip., \$1,179,246; val. bldgs., \$1,755,019; exp. dept., \$3,102,881; tot. mem., 1,800, pd. full time.

Water Supply—Src., Lake Michigan, 4, 3 & 2 m. bus. cent.; sys., pump dir.; 49 pump. eng., cap. day 451,088,000 gals.; mains, c. l., 2,882 m., 3 to 48 in. dia.; 24,904 hyd.; 20,488 v.; met., 15,762; 500,000 serv.; pipe, lead & iron; cons. day, 515,000,000 gals.; cost, \$51,612,500; cost mtce., \$2,755,800; wks. owned by city.

CHICAGO HEIGHTS, p. 14,525; f. area, 1,280 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 10 c. hand ex., 2 h. & l. trks., 1 hose wag., 8 hrs., 1 supply wag., 2 hose reels; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 33 bx.; val. equip., \$10,500; val. bldgs., \$8,000; exp. dept., \$4,300; tot. mem., 32, pd. full time 7, 26 vol.

Water Supply—Src., wells, 1-6 m. bus. cent.; sys., grav.; stdp. cap., 180,000 gals.; 2 pump. eng., cap. day 8,000,000 gals.; mains, c. l., 30 m., 4 to 24 in. dia.; 2,300 serv.; cons. day, 4,400,000 gals.; wks. owned by city.

CHICAGO (NORTH), p. 5,000; f. area, 600 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 to 2½ stor.; wd. rfs. perm.; causes of f. inv. F. dept.—2 c. hand ex., 1 hose wag., 2 hose car., 3 hrs.; hose, cot., rub. lined, 2,700 ft.; f. al., wh. & telp.; val. equip., \$4,800; val. bldgs., \$14,000; exp. dept., \$500; tot. mem., 12 vol.; undra. rating, third class.

Water Supply—Src., lake, ¾ m. bus. cent.; sys., stdp.; stdp. cap., 90,000 gals.; mat., stl.; 2 pump. eng. class comp. dup.; mains, c. l., 10 m., 6 to 12 in. dia.; 65 hyd.; 12 met.; 150 serv.; pipe, iron; pres., dom. 50 lbs., f. 140 lbs.; cons. day, 235,000 gals.; wks. owned by city.

CHILLICOTHE, p. 1,851; f. area, 2 m.; merc. bldgs., bk., 1 to 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 1,000 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., elec. & telp., 8 bx.; tot. mem., 10 vol.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump dir.; 3 pump. eng., class comp. dup. & trip., cap. day 1,500,000 gals.; mains, c. l., 6½ m., 4 to 12 in. dia.; 69 hyd.; 26 v.; 514 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 300,000 gals.; cost, \$40,000; cost mtce., \$5,000; wks. owned by priv. Co.

CHRISMAN, p. 1,193; f. area, 640 a. F. dept.—2 reels & ladder trk.; hose, 1,000 ft.; f. al. telp.; val. equip., \$1,850; val. bldgs., \$300; tot. mem., 18 vol.

Water Supply—Src., wells; sys., pump to stdp.; 2 pumps, cap. day 100,000 gals.; 26 hyd.; 23 v.; mains, 11,608 ft.; pres., dom. 50 lbs., f. 150 lbs.; cost, 21,000; wks. owned by city.

CISSNA PARK, p. 652; f. area, 80 a. F. dept.—Vol.

Water Supply—Src., wells; sys., pump to stdp.; 4-in. mains, 3 1-10 m.; 23 hyd.; 75 met.; cost, \$14,000; wks. owned by city.

CLAYTON, p. 940; f. area, 120 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 12 c. hand ex., 4 ladders, 1 hose car.; hose, cot., rub. lined, gd., 400 ft.; rub. gd., 200 ft.; tot. hose, 600 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$400; exp. dept., \$200; tot. mem., 30 vol.

Water Supply—Src., wells & cisterns, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 11,500 gals.; dim., 14 x 10; 2 pump. eng., cap. day 75,000 gals.; mains, 8 blocks, 4 in. dia.; 8 hyd.; pipe, galv. i.; pres., dom. 35 lbs., f. 75 lbs.; cost, \$5,000; cost mtce., \$100; wks. owned by Co.

CLINTON, p. 5,165; f. area, 1,200 a.; merc. bldgs., bk. & stn., 2 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 6 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,600 ft.; f. al., bell, wh. & telp.; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept.,

\$1,100; tot. mem. 15, pd. full time 1, pd. part time 14.

Water Supply—Src., 4 wells, $\frac{1}{4}$ m. bus. cent.; sys., compressed air to res. & dir.; res. cap., 1,000,000 gals.; 2 pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. i., 8 m., 4 to 10 in. dia.; 80 hyd.; 50 v.; met., 700; 540 serv.; pipe, galv. l. & lead; pres. dom. 40 lbs., f. 100 to 110 lbs.; cons. day, 250,000 gals.; cost, \$50,000; cost mtce., \$3,000; wks. owned by city.

COAL CITY, p. 2,667; f. area, 600 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., bk. & wd., 1 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose reels; hose, rub. lined, gd., 2,100 ft.; f. al., bell & elec., 3 bx.; val. equip., \$3,500; val. bldgs., \$10,500; exp. dept., \$500; tot. mem. 25, pd. part time; undra. rating, third class.

Water Supply—Src., wells; sys., pump dir.; 1 pump. eng., cap. day 200,000 gals.; mains, iron, $1\frac{1}{2}$ m., 6 in. dia.; 18 hyd.; pres., f. 100 lbs.

COBDEN, p. 1,500; f. area, 100 a. F. dept.—1 hand pump, 300 ft. hose; vol.; val. equip., \$500. Water Supply—Not reported.

COLCHESTER, p. 1,445; f. area, 12 blocks; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hose reel, 2 hrs., hose, hooks, ladders, buckets & ropes; hose, rub. gd., 200 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$300; tot. mem. 16, pd. full time 6, vol. 10.

Water Supply—Src., wells.

COLFAX, p. 965; f. area, 160 a.; merc. bldgs., bk., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 hose wag., 1,000 ft. cot., rub. lined hose; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; vol.

Water Supply—Not reported.

COLLINSVILLE, p. 7,478; f. area, 700 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm. F. dept.—2 hand eng., 1 h. & l. trk., 4 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$600; exp. dept., \$600; tot. mem., 28 vol.; undra. rating, second class.

Water Supply—Src., well; sys., pump to res. & stdp. & dir.; stdp. cap., 70,000 gals.; dim., 10 x 120; res. cap., 80,000 gals.; 2 pump. eng., class comp. dup., cap. day 1,500,000 gals.; mains, $1\frac{1}{2}$ m., 4 to 10 in. dia.; 112 hyd.; met., \$60; 50 serv.; pipe, galv. l.; pres. dom. 55 lbs., f. 55 lbs.; cons. day, 500,000 gals.; cost, \$40,000; cost mtce., \$650; wks. owned by city.

COLUMBIA, p. 2,076; merc. bldgs., bk. F. dept.—1 c. hand eng., 1 h. & l. trk., 2 c. hand ex., 1 hose cart; hose, 1,000 ft.; f. al., bell & wh.; vol. Water Supply—Src., cisterna.

COMPTON, p. 387. F. dept.—1 c. wag., 500 ft. hose; 20 vol.

CRESCENT CITY, p. 341. F. dept.—1 hand h. & l. trk., 2 hose carts, 750 ft. hose; bell al.; vol.

CRETE, p. 840. F. dept.—1 h. & l. trk., 3 hose reels, 1,400 ft. hose; telp. & bell al.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 24 vol.

Water Supply—Src., wells; sys., grav.; stdp. cap., 50,000 gals.; mains, 4 m., 4 to 8 in. dia.; 30 hyd.; 24 v.; 34 met.; 35 serv.; pres., dom. 50 lbs., f. 60 lbs.; wks. owned by city.

CRYSTAL LAKE, p. 689. F. dept.—1 auto. comb. c. h. & l. & hose trk., 4 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., elec.; val. equip., \$6,600; val. bldgs., \$10,000; tot. mem., 12 vol.

Water Supply—Src., wells; cap., 65,000 gals.; 1 pump. eng., cap. day 158,400 gals.; mains, $2\frac{1}{2}$ m., 4 to 8 in. dia.; 16 hyd.; pres., dom. 40 lbs., f. 50 lbs.; cons. day, 25,000 gals.

CULLUM, p. 600; f. area, 1 a. F. dept.—2 hand hose carts; 1,000 ft. hose; f. al., bell; val. equip., \$750; exp. dept., \$75; tot. mem., 11 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; 1 pump. eng., cap. day 100,000 gals.; mains, $2\frac{1}{2}$ m.; 31

hyd.; 31 v.; pres. dom. 56 lbs., f. 60 lbs.; cost, \$20,000; wks. owned by city.

DALLAS CITY, p. 1,288; f. area, $1\frac{1}{2}$ sq. m.; merc. bldgs., bk., stn., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm. in f. area; causes of f. inv. F. dept.—1 comb. c. water wag., 1 h. & l. trk., 2 hose carts; hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$100; tot. mem., 42 vol.

Water Supply—Src., Mississippi riv. in front of city; res. cap., 60,000 gals.; 2 pump. eng., class stn., cap. day 720,000 gals.; mains, c. i., $2\frac{1}{2}$ m., 6 to 8 in. dia.; 25 hyd.; 8 v.; 60 met.; pipe, galv. l.; pres., dom. 68 to 82 lbs., f. 68 to 82 lbs.; cost, \$9,900; cost mtce., \$400; wks. owned by city.

DANVERS, p. 598. F. dept.—1 hand f. eng., 3 hose carts; hose, 1,200 ft.; f. al., telp. & bell, vol.

Water Supply—Src., wells; stdp. cap., 20,000 gals.; mains, 2 m., 4 to 8 in. dia.; 30 hyd.; pres., dom. $37\frac{1}{2}$ lbs., f. $37\frac{1}{2}$ lbs.

DANVILLE, p. 27,871; f. area, 6,700 a.; merc. bldgs., bk. & stn., 2 to 7 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; cause of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 chief's wag., 2 c. eng. on wls., 15 c. hand ex., 1 h. & l. trk., 6 hose wag., 16 hrs.; hose, cot., rub. lined, gd., 7,850 ft. (1,000 ft. in reserve); f. al., Gamewell, 66 bx.; val. equip., \$50,000; val. bldgs., \$30,000; exp. dept., \$55,000; tot. mem., 86, pd. full time.

Water Supply—Src., riv., $1\frac{1}{2}$ m. bus. cent.; sys., pump to res. & dir.; res. cap., 6,000,000 gals.; dim., $3\frac{1}{2}$ x 200; mat., stl. & bk., res. cap., 9,000,000 gals.; 4 pump. eng., cap. day 19,000,000 gals.; mains, c. i., 70 m., 4 to 20 in. dia.; 450 hyd.; met., 1,000; 5,300 serv.; 421 v.; pipe, lead; pres., dom. 60 to 75 lbs., f. 100 to 125 lbs.; cons. day, 4,000,000 gals.; cost, \$250,000; wks. owned by Co.

DECATUR, p. 31,140; f. area, 5,000 a.; merc. bldgs., stn. & bk., 1 to 7 stor.; priv., bk. & wd., 1 to 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 comb. h. & c. auto., 1 auto. hose wag., 1 hose wag., 4 c. hand ex., 1 h. & l. trk., 1 chief's auto., 5 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., elec., 72 bx.; val. equip., \$25,000; val. bldgs., \$24,500; exp. dept., \$87,000; tot. mem. 35, pd. full time.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; res. cap., 11,000,000 gals.; pump. eng., cap. day 8,000,000 gals.; mains, iron, 65 m., 2 to 20 in. dia.; 635 hyd.; 700 v.; met., 4,011; 5,300 serv.; pipe, galv. l.; pres., dom. 65 lbs., f. 115 lbs.; cons. day, 4,000,000 gals.; cost, \$850,000; cost mtce., \$31,000; wks. owned by city.

DEKALB, p. 8,102; f. area, 1,000 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. hose & l. trk., 1 auto. comb. c. & h. trk., 4 c. hand ex., 3 hrs.; hose, cot., rub. lined, gd., 2,600 ft.; rub. gd., 1,000 ft.; tot. hose, 3,600 ft.; f. al., Gamewell, 34 bx.; val. equip., \$8,200; val. bldgs., \$9,000; tot. mem. 7, pd. full time.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 225,000 gals.; res. cap., 500,000 gals.; cap. day, 5,760,000 gals.; mains, 20 m., 4 to 12 in. dia.; 300 hyd.; 1,600 serv.; pipe, lead; pres., dom. 20 to 35 lbs., f. 110 lbs.; cons. day, 345,000 gals.; cost, \$125,000; cost mtce., \$9,000; wks. owned by city.

DELAVER, p. 1,175; f. area, 800 a.; merc. bldgs., bk., conc. & wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$300; tot. mem., 21 vol.

Water Supply—Src., wells, cent. city; sys., pump dir. to mains; stdp. cap., 70,000 gals.; mat., stl.; 1 pump. eng., cap. day 253,440 gals.; mains, wd., 5 m., 4 to 8 in. dia.; 30 hyd.; 220 serv.; pipe, iron; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 96,000 gals.; cost, \$16,000; cost mtce., \$1,100; wks. owned by city.

DEPUÉ, p. 1,339. F. dept.—1 str., 1 hose cart, 600 ft. hose; tot. mem. 39, pd. part time 18, vol. 21.

DESLAINES, p. 2,348; f. area, 800 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$10,000; tot. mem., 10 vol.

Water Supply—Src., wells, $\frac{3}{4}$ m. bus. cent.; sys., air pres. pump to stdp.; stdp. cap., 50,000 gals.; dim., 20 x 20; mat., bk. & wd.; res. cap., 125,000 gals.; loc. Desplaines & Ashland avs.; 1 pump. eng., class dup. comp., cap. day 750,000 gals.; mains, c. i., $7\frac{1}{2}$ m., 4 to 8 in. dia.; 68 hyd.; 40 v.; met., 206; 236 serv.; pipe, lead & galv. i.; pres., dom. 40 lbs., f. 75 lbs.; cons. day, 40,000 gals.; cost, \$28,000; cost mtce., \$1,000; wks. owned by town.

DIXON, p. 7,216; merc. bldgs., bk. & stn., 2 to 3 stor.; priv., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand c. wag., 4 c. hand ex., 1 hose wag., 3 hose carts, 4 hrs.; hose, rub., gd., 3,400 ft.; f. al., telp. & bell; val. equip., \$8,000; val. bldgs., \$16,000; exp. dept., \$4,000; tot. mem., 4, pd. full time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 270,000 gals.; dim., $40\frac{1}{2}$ x 27; loc. 4 blocks station; mat., wrt. l.; res. cap., 500,000 gals.; loc. at station; tank cap., 75,000 gals.; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. i., 20 m., 4 to 12 in. dia.; 150 v.; met., 300; 1,500 serv.; pipe, lead & galv. i.; 195 hyd.; pres., dom. 60 lbs., f. 125 to 150 lbs.; cons. day, 750,000 gals.; wks. owned by Co.

DOWNERS GROVE, p. 2,601; f. area, 500 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose carts; hose, 1,300 ft.; f. al., bell & wh.; val. bldgs., \$1,000; exp. dept., \$100; tot. mem., 18 vol.

Water Supply—Src., wells; sys., pump to res. to stdp. & dir.; stdp. cap., 135,000 gals.; dim., 16 x 95; res. cap., 75,000 gals.; 2 pump. eng., cap. day 1,864,000 gals.; mains, 8 m.; 85 hyd.; met., 450; 450 serv.; pipe, lead; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$50,000; cost mtce., \$1,600; wks. owned by village.

DUNDEE, p. 3,000; f. area, 150 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., Gamewell; val. equip., \$2,000; val. bldgs., \$2,000; tot. mem., 30 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav. to res., pump to stdp.; stdp. cap., 100,000 gals.; dim., 35 x 22; loc. in park; mat., iron; res. cap., 300,000 gals.; loc. between spr. & station; 2 pump. eng., cap. day 500,000 gals.; mains, 6 m.; 36 hyd.; met., 325; 346 serv.; pipe, lead; pres., dom. 45 lbs., f. 90 lbs.; cost, \$40,000; cost mtce., \$1,000; wks. owned by city.

DU QUOIN, p. 5,454; f. area, 1,600 a.; merc. bldgs., bk., stn. & wd., 3 stor.; priv., wd., 2 stor.; fwks. & combt. ord. F. dept.—2 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,200 ft.

Water Supply—Res. cap., 100,000,000 gals.; sys., pump to stdp.; stdp. cap., 1,000,000 gals.; mains, 12 m., 4 to 10 in. dia.; 86 hyd.; pres., dom. 40 lbs.

DWIGHT, p. 2,156; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. h. & l. wag. & hose reel, 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 150 ft.; tot. hose, 1,350 ft.; f. al., bell & wh.; val. equip., \$1,500; tot. mem., 16 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 60,000 gals.; 2 pump. eng., class dup., cap. day 390,000 gals.; mains, 7 m., 4 to 8 in. dia.; 30 hyd.; met., 146; 250 serv.; pres., dom. 43 lbs., f. 120 to 140 lbs.; cost, \$32,000; cost mtce., \$3,800; wks. owned by city.

EARLEVILLE, p. 1,059; f. area, 12 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 300 ft.; rub., gd., 1,000 ft.; inf., 20 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$17,000; val. bldgs., \$3,000; exp. dept., \$150; tot. mem., 30 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. or dir.; stdp. cap., 84,640 gals.; dim., 12 x 100; mat., stl.; res. cap., 40,000 gals.; loc. at pump. plant; 3 pump. eng., class comp. & dup., cap. day 1,000,000 gals.; mains, c. i., 3 m., 4 to 8 in. dia.; 36 hyd.; 15 v.; met., 215; 215 serv.; pipe, lead; pres., dom. 40 lbs., f. 125 lbs.; cons. day, 70,000 gals.; cost, \$25,000; cost mtce., \$2,300; wks. owned by city.

EAST DUBUQUE, p. 1,253; f. area, 35 blocks; bldgs., bk., 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 3 hose car., 1 c. ex.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$5,000; tot. mem., 40 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 72,000 gals.; dim., 12 x 85; loc. on hill 270 ft. above level; mat., stl.; res. cap., 75,000 gals.; 2 pump. eng., cap. day 900,000 gals.; mains, c. i., $3\frac{1}{2}$ m., 4 to 8 in. dia.; 28 hyd.; 16 v.; 128 met.; 136 serv.; pipe, lead; pres., dom. & f., 118 lbs.; cost, \$14,000; wks. owned by city.

EAST DUNDEE, p. 1,405; merc. bldgs., bk., 1 to 2 stor.; priv., bk. & wd., 1 to 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$400; exp. dept., \$250; tot. mem., 8 vol.

Water Supply—Src., well, in bus. cent.; dim., 20 x 65 ft.; mat., stl.; 1 pump. eng.; cap. day, 800,000 gals.; mains, c. i., $1\frac{1}{2}$ m., 6 to 8 in. dia.; 40 hyd.; 8 v.; 30 serv.; pipe, lead; pres., dom. 65 lbs., f. 150 lbs.; cons. day, 500,000 gals.; cost, \$15,000; cost mtce., \$620; wks. owned by city.

EAST ST. LOUIS, p. 58,547; f. area, 12,000 a.; merc. bldgs., bk., 6 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 6 c. hand ex., 1 h. & l. trk., 3 comb. c. & h. wag., 1 auto. hose wag., 4 hose wag., 3 hose reels, 24 hrs.; hose, cot., rub. lined, gd., 14,500 ft.; f. al., Gamewell, 100 bx.; val. equip., \$62,000; val. bldgs., \$72,000; exp. dept., \$50,000; tot. mem., 71, pd. full time.

Water Supply—Src., riv.; sys., pump to res. & stdp.; res. cap., 23,000,000 gals.; 6 pump. eng., cap. day 42,500,000 gals.; mains, 115 m., 4 to 30 in. dia.; 363 hyd.; 5,700 met.; 11,360 serv.; 565 v.; pipe, lead; pres., dom. 60 lbs., f. 90 to 125 lbs.; wks. owned by Co.

EDWARDSVILLE, p. 5,014; f. area, 3,500 a.; merc. bldgs., bk., 1 to 5 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 comb. wag., 1 h. & l. trk., 3 hose carts, 3 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$4,000; exp. dept., \$2,250; tot. mem., 32, pd. part time 3, vol. 29.

Water Supply—Src., wells, $4\frac{1}{2}$ m. bus. cent.; sys., pump to res. & dir. to stdp.; stdp. cap., 100,000 gals.; res. cap., 500,000 gals.; loc. at Poag; pump. eng., cap. day 2,000,000 gals.; mains, c. i., 14 m., 4 to 12 in. dia.; 104 hyd.; met., 700; 700 serv.; pres., dom. 60 lbs., f. 90 lbs.; cost, \$120,000; cost mtce., \$2,500; wks. owned by Co.

EFFINGHAM, p. 3,898; f. area, 550 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose carts; hose, rub., gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$300; exp. dept., \$300; tot. mem., 42 vol.

Water Supply—Src., riv., $2\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 180,000 gals.; dim., 16 x 120; 5 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 14 m., 4 to 12 in. dia.; 102 hyd.; 47 v.; 125 met.; 400 serv.; pipe, lead and galv. i.; pres., dom. 50 lbs., f. 85 lbs.; cons. day, 800,000 gals.; cost, \$50,000; cost mtce., \$18,000; wks. owned by priv. Co.

ELBURN, p. 613. F. dept.—1,000 ft. hose; 25 vol.

Water Supply—Src., wells; sys., pump; mains, 1 m., 4 to 6 in. dia.; 7 hyd.

ELGIN, p. 25,976; f. area, 9 sq. m.; merc. bldgs., bk. & stn., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—12 c. hand ex., 1 h. & l. trk., 3

hose wag., 2 comb. c. & h. wag., 1 hose reel; hose, cot., rub. lined, gd., 1,800 ft.; rub. gd., 3,800 ft.; tot. hose, 5,600 ft.; f. al., Gamewell, 84 bx.; val. equip., \$23,512.24; val. bldgs., \$43,914.41; exp. dept., \$34,500; tot. mem., 27, pd. full time; undrs. rating, first class.

Water Supply—Src., 4 artesian wells, 1½ m. bus. cent.; sys., dir.; res. cap., 2,000,000 gals.; 3 pump. eng., cap. day 9,000,000 gals.; mains, c. i., 50 m., 4 to 16 in. dia.; 464 hyd.; 506 v.; met., 3,800; 5,000 serv.; pipe, lead; pres., dom. 50 to 125 lbs.; f. 90 to 125 lbs.; cons. day, 2,000,000 gals.; cost, \$649,713; cost mtce., \$20,914.32; wks. owned by city.

ELMHURST, p. 2,360; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 12 c. hand ex., 1 hose cart; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$500; tot. mem., 18 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals.; 100 ft. high; mains, 7 m., 4 to 6 in. dia.; 45 hyd.; met., 300; 575 serv.; pres., dom. & f. 25 to 40 lbs.; cost, \$80,000; cost mtce., \$5,000; wks. owned by The Elmhurst Spring Water Co.

ELMWOOD, p. 1,390; f. area, 600 a.; merc. bldgs., bk., 2 stor.; priv., wd., F. dept.—1 hand eng., 2 hose car.; hose, rub. gd., 1,400 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$3,500; tot. mem., 37 vol.; undrs. rating, 4½ class.

Water Supply—Src., well, 1 block bus. cent.; sys., pump to res. & dir.; res. cap., 500,000 gals.; 1 pump. eng., class dup., cap. day 150,000 gals.; mains, 5 m., 4 to 16 in. dia.; 27 hyd.; met., 3; 430 serv.; pipe, galv. l.; pres., dom. 40 lbs.; f. 80 lbs.; cons. day, 15,000 gals.; cost, \$20,000; cost mtce., \$1,500; wks. owned by city.

EL PASO, p. 1,470; f. area, 4 blocks; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 400 ft.; inf., 900 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$500; exp. dept., \$100; tot. mem., 15 vol.; undrs. rating, third class.

Water Supply—Src., well, 70 rods bus. cent.; sys., pump to mains & tank; stdp. cap., 120,000 gals.; dim., 16 x 24; mat., wd.; 1 pump. eng., class dup., cap. day 393,120 gals.; mains, 2½ m., 4 to 8 in. dia.; 38 hyd.; 35 serv.; pres., dom. 40 lbs.; f. 50 lbs.; cost, \$20,000; cost mtce., \$1,000.

EUREKA, p. 1,525; f. area, 16 a.; merc. bldgs., bk. & frame, 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,350 ft.; inf., 500 ft.; tot. hose, 1,850 ft.; f. al., elec., 2 bx.; val. equip., \$1,500; tot. mem., 15 vol.; undrs. rating, third class.

Water Supply—Src., wells; sys., pump to res.; cap., 300,000 gals.; dim., 9 x 38; pump. eng., cap. day 225,000 gals.; mains, 7,000 ft., 2½ to 6 in. dia.; 14 hyd.; 80 serv.; pres., dom. 50 lbs.; f. 75 lbs.; cons. day, 15,000 gals.; cost, \$38,500; cost mtce., \$600.

EVANSTON, p. 24,973; f. area, 8 sq. m.; merc. bldgs., stn., bk. & wd., 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. bldgs. ord.; causes of f. inv. F. dept.—3 str., 1 auto. comb. eng. & hose wag., 1 comb. h. & l. trk. & c. eng., 1 c. eng., 1 c. hand ex., 1 aer. trk., 1 h. & l. trk., 1 chief's wag., 10 portable pumps, 2 hose wag. in reserve, 1 Eastman deluge set, 13 hrs.; hose, cot., rub. lined, gd., 9,083 ft.; f. al., Gamewell, 42 bx.; val. equip., \$39,400; val. bldgs., \$40,000; exp. dept., \$32,940; tot. mem., 35, pd. full time.

Water Supply—Src., lake; sys., pump dir.; pump. eng., cap. day 19,000,000 gals.; mains, 77.62 m., 4 to 36 in. dia.; 607 hyd.; 727 v.; met., 412; 6,650 serv.; pipe, lead; pres., dom. 40 lbs.; f. 90 lbs.; cons. day, 6,148,596 gals.; cost, \$672,000; cost mtce., \$35,000; wks. owned by city.

FAIRBURY, p. 2,505; f. area, 200 a.; merc. bldgs., bk. & iron, 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$5,000;

exp. dept., \$400; tot. mem., 14 vol.; undrs. rating, third class.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to res. & dir.; stdp. cap., 60,000 gals.; dim., 25½ x 20; mat., bk. & wd.; res. cap., 86,000 gals.; loc. at waterwks.; pump. eng., cap. day 125,000 gals.; mains, c. i., 3 m., 4 to 10 in. dia.; 48 hyd.; met., 50; pipe, galv. l.; pres., dom. 45 lbs.; f. 45 lbs.; cost mtce., \$2,680; wks. owned by city.

FAIRFIELD, p. 2,479; f. area, 40 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—Force pump, 2 comb. c. & h. wag., 30 c. hand ex., 1 h. & l. trk., 2 c. eng., 2 hose reels; hose, cot., rub. lined, gd., 600 ft.; rub. gd., 350 ft.; tot. hose, 950 ft.; f. al., telp. & wh.; val. equip., \$1,750; tot. mem., 17, pd. part time; undrs. rating, fourth class.

Water Supply—Src., wells & cisterns, res.

FARMER CITY, p. 1,603; f. area, 1 sq. m.; merc. bldgs., bk., 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. cart, 2 hose carts; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 200 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., wh.; val. equip., \$400; tot. mem., 30 vol.

Water Supply—Src., well, 4 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 40,000 gals.; two 10 x 36 pump. eng., cap. day 400,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 35 hyd.; 320 serv.; cost, \$15,000; cost mtce., \$1,500.

FARMINGTON, p. 2,421; f. area, 160 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 comb. hose & ladder wag., 1 h. & l. trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub. fair, 800 ft.; inf., 200 ft.; tot. hose, 1,600 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$6,000; exp. dept., \$450; tot. mem., 21 vol.; undrs. rating, sixth class.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 53,000 gals.; dim., 10 x 90; mat., stl.; res. cap., 30,000 gals.; 2 pump. eng., class dup., cap. day 300,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 35 hyd.; met., 9; 60 serv.; pipe, galv. l.; pres., dom. 53 lbs.; f. 120 lbs.; cons. day, 35,000 gals.; cost, \$14,000; cost mtce., \$700; wks. owned by city.

FLANAGAN, p. 590. F. dept.—2 hand eng., 3 hose car.; hose, 800 ft.; f. al., bell.

Water Supply—Src., artesian wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals.; 1 pump. eng., cap. day 250,000 gals.; mains, 2 m., 6 in. dia.; 30 hyd.; pres., 90 lbs.; cost mtce., \$500; wks. owned by city.

FLORA, p. 2,704; bldgs., stn., bk. & wd. F. dept.—1 str., 1 hose cart, 1 h. & l. trk.; hose, 750 ft.; f. al., wh.; tot. mem., 12 vol.

Water Supply—Wells & cisterns.

FORREST, p. 967; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$8,000; val. bldgs., \$1,500; exp. dept., \$150; tot. mem., 18, pd. full time 1, vol. 17; undrs. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump to res. & dir.; res. cap., 56,000 gals.; pump. eng., cap. day 240,000 gals.; mains, c. i., 1 m., 4 to 6 in. dia.; 15 hyd.; 80 serv.; pres., f. 150 lbs.; cost, \$8,000; wks. owned by village.

FORRESTON, p. 870; f. area, 40 a.; merc. bldgs., bk. & wd., 1½ to 2 stor.; priv., bk. & frame, 1½ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car., 6 hand ex. c. eng.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; undrs. rating, first class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 60,000 gals.; pump. eng., cap. day 19,440 gals.; mains, 2½ m., 4 to 8 in. dia.; 22 hyd.; 34 serv.; pres., dom. 52 lbs.; f. 63 lbs.; cost, \$10,000; cost mtce., \$730; wks. owned by village.

FRANKLIN GROVE, p. 572. F. dept.—1 h. & l. trk., 1 hand eng., 1 hose reel, 1,000 ft. hose; bell & telp. al.; vol.

Water Supply—Src., wells; sys., dir. pres.; res. cap., 12,000 gals.; 1 pump. eng., cap. day 216.

000 gals.; mains, 200 ft., 4 to 6 in. dia.; 5 hyd.; wks. owned by town.

FREEBURG, p. 1,897; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; combt. ord. F. dept.—1 hand eng., 6 c. hand ex., 1 h. & l. trk., 1 water tower; 2 hose carts; hose, cot., rub. lined, gd., 300 ft.; val. equip., \$6,000; val. bldgs., \$1,000; tot. mem., 150 vol.; undrs. rating, third class.

Water Supply—Src., lake, 700 yds. bus. cent.; sys., pump to stdp.; stdp. cap., 20,000 gals.; pump. eng., cap. day 100,000 gals.; mains, 2 m., 4 in. dia.; 59 hyd.; met., 1; 20 serv.; cost, \$7,000; cost mtce., \$500.

FREEPOR, p. 17,567; f. area, 32,320 a.; merc. bldgs., bk. & stn., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—6 c. hand ex., 1 h. & l. trk., 2 comb. c. & h. wag., 1 hose reel, 14 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell, 24 bx.; val. equip., \$10,500; val. bldgs., \$2,000; exp. dept., \$30,000; tot. mem. 18, pd. full time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 115,000 gals.; dim., 14 x 88; mat., wrt. l.; res. cap., 5,000,000 gals.; 4 pump. eng., class. h. d., cap. day 8,375,000 gals.; mains, c. l., 31 m., 4 to 16 in. dia.; 204 hyd.; met., 1,800; 3,580 serv.; pipe, iron & lead; pres., dom. 60 to 80 lbs., f. 80 to 120 lbs.; cons. day, 1,311,000 gals.; cost, \$210,000; wks. owned by Co.

FULTON, p. 2,174; f. area, 1 $\frac{1}{4}$ sq. m.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., wh.; exp. dept., \$300; tot. mem., 50 vol.

Water Supply—Src., artesian well; sys., pump to res. & dir.; res. cap., 115,000 gals.; 2 pump. eng., size 16 x 10 x 15 & 14 x 9 x 10 in., cap. day 1,075,000 gals.; mains, c. l., 5 $\frac{1}{2}$ m., 4 to 8 in. dia.; 43 hyd.; 18 v.; met., 6; pres., dom. 35 lbs., f. 140 lbs.; cost, \$35,000; cost mtce., \$2,300; wks. owned by city.

GALENA, p. 4,835; f. area, city limits; merc. bldgs., bk., stn. & wd., 2 to 5 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. c. & h. wag., 2 c. hand ex., 4 hose carts; hose, linen, gd., 2,500 ft.; rub., gd., 300 ft.; inf., 300 ft.; tot. hose, 3,100 ft.; val. equip., \$4,000; val. bldgs., \$7,000; exp. dept., \$1,000; tot. mem., 125 vol.; undrs. rating, fourth class.

Water Supply—Src., artesian wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 125,000 gals.; dim., 20 x 55; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, 6 m., 4 to 10 in. dia.; 80 hyd.; met., 50; 540 serv.; pipe, lead; pres., dom. 40 to 95 lbs., f. 80 to 120 lbs.; cost, \$75,000; wks. owned by Co.

GALESBURG, p. 22,089; f. area, 2,000 a.; merc. bldgs., bk. & stn., 2 to 5 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 25 c. hand ex., 1 h. & l. trk., 1 aer. trk., 2 comb. c. & h. wag., 1 service trk., 3 hose wag., 1 hose reel, 1 chief's buggy, 14 hrs.; hose, rub., 5,000 ft.; f. al., wh., 5,000 telp. bx.; val. equip., \$25,000; val. bldgs., \$60,000; exp. dept., \$24,000; tot. mem., 21.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; stdp. cap., 175,000 gals.; mat., stl.; res. cap., 4,500,000 gals.; loc. at station; 2 pump. eng., class horizontal, size 12 x 18, cap. day 3,000,000 gals.; mains, c. l., 38 m., 4 to 16 in. dia.; 384 hyd.; 164 v.; met., 1,500; 1,500 serv.; pres., dom. 45 to 50 lbs., f. 85 to 115 lbs.; cons. day, 1,000,000 gals.; cost, \$236,500; cost mtce., \$10,000; wks. owned by city.

GALVA, p. 2,498; f. area, 640 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; val. equip., \$6,500; val. bldgs., \$5,000; exp. dept., \$365; tot. mem. 43, pd. part time; undrs. rating, second class.

Water Supply—Src., wells, 300 yds. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 40,000 gals.; dim., 12 x 65; mat., bk. & stl.; res. cap., 86,000 gals.; 2 pump. eng., cap. day 73,000 gals.; mains,

c. l., 5 $\frac{1}{2}$ m., 4 to 8 in. dia.; 71 hyd.; 26 v.; met., 91; 463 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 to 150 lbs.; cons. day, 125,000 gals.; cost, \$46,000; cost mtce., \$2,800; wks. owned by city.

GARDNER, p. 1,100; f. area, 640 a. F. dept.—4 c. eng., 1 h. & l. trk., 1 pump. wag.; exp. dept., \$100; tot. mem., 24 vol.

No Waterwks.

GENESE, p. 3,199; f. area, 2,604 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., stn., bk. & wd., 1 $\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, rub., cot. lined, gd., 1,000 ft.; rub., gd., 500 ft.; inf., 800 ft.; tot. hose, 2,300 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$3,500; exp. dept., \$380; tot. mem., 25 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 125,000 gals.; res. cap., 150,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 9 $\frac{1}{2}$ m., 4 to 8 in. dia.; 55 hyd.; 30 v.; 589 met.; pres., dom. 55 lbs., f. 60 lbs.; cons. day 100,000 gals.; cost, \$75,000; cost mtce., \$2,500; wks. owned by city.

GENEVA, p. 2,451; f. area, 320 a.; merc. bldgs., stn., 2 & 2 $\frac{1}{2}$ stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose cart, 1 hrs.; hose, cot., rub. lined, gd., 1,400 ft.; val. equip., \$1,760; val. bldgs., \$7,000; tot. mem. 18, pd. full time 1, vol 17; undrs. rating, third class.

Water Supply—Src., well, 500 ft. bus. cent.; sys., pump to res. & dir.; res. cap., 90,000 gals.; 2 pump. eng., class comp. dup., cap. day 3,000,000 gals.; mains, 12 m., 4 to 12 in. dia.; 115 hyd.; 500 met.; 68 v.; 510 serv.; pipe, galv. i. & lead; pres., dom. 60 lbs., f. 125 lbs.; cons. day 300,000 gals.; cost, \$60,000; cost mtce., \$5,000; wks. owned by city.

GENOA, p. 1,257; f. area, 30 a. F. dept.—2 hose carts, 1 h. & l. wag., 1 comb. hand & c. eng.; hose, 1,000 ft.; val. equip., \$700; val. bldgs., \$1,000; exp. dept., \$150; tot. mem., 24 vol.

Water Supply—Src., deep wells; sys., air pres.; 1 pump, cap. day 30,000 gals.; 35 hyd.; 218 serv.; mains, 3 m., 4 to 12 in.; pres., dom. 60 lbs., f. 60 lbs.; wks. owned by Co.

GERMANTOWN, p. 600; f. area, 160 a. F. dept.—1 hand pump, 1,100 ft. hose; f. al., bell; val. equip., \$900; val. bldgs., \$800; exp. dept., \$300; tot. mem., 15, pd. full time.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; 2 pump. eng., cap. day 40,000 gals.; mains, 1 $\frac{1}{2}$ m.; 24 hyd.; pres. dom. & f. 55 lbs.; cost, \$10,000; wks. owned by city.

GIBSON CITY, p. 2,086; merc. bldgs., bk., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 400 ft.; tot. hose, 2,200 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$300; tot. mem., 13 vol.

Water Supply—Src., wells; sys., pump to res. to stdp. & dir.; stdp. cap., 45,000 gals.; res. cap., 60,000 gals.; 3 pump. eng., class comp. dup., cap. day 1,500,000 gals.; mains, 6 m., 4 to 12 in. dia.; 32 hyd.; met., 180; 180 serv.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 60,000 gals.; cost, \$30,000; cost mtce., \$1,600; wks. owned by Co.

GILMAN, p. 1,305; f. area, 400 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 2 hose carts, 1 water tower; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; exp. dept., \$145; tot. mem. 9, pd. full time.

Water Supply—Not reported.

GLEN ELLYN, p. 1,763. F. dept.—1 hose wag., 1 h. & l. trk., 1 hand hose cart, 3 hrs.; hose, 1,000 ft.; f. al., bell & telp.; 26 vol.

Water Supply—Src., wells; stdp. cap., 60,000 gals.; res. cap., 75,000 gals.; 1 pump. eng., cap. day 864,000 gals.; mains, 10 m., 8, 6 & 4 in. dia.; 50 hyd.

GOLCONDA, p. 1,088; f. area, 300 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. &

l. trk., 1 hose wag.; f. al., bell; val. equip., \$800; val. bldgs., \$200; tot. mem. vol.

Water Supply—No waterwks. sys.

GRANITE CITY, p. 9,903; f. area, 600 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 auto. str., 6 c. hand ex., 1 hose wag., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 1,500 ft.; tot. hose, 3,500 ft.; f. al., telp. & wh., 10 bx.; val. equip., \$14,000; val. bldgs., \$8,000; exp. dept., \$2,800; tot. mem., 18, pd. full time 6, vol. 12.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump dir.; pump. eng., cap. day 20,000,000 gals.; mains, c. i., 4 to 20 in. dia.; 106 hyd.; met., 500; 2,000 serv.; pres., dom. 50 lbs., f. 80 to 100 lbs.; cost, \$260,000; cost mtce., \$7,500; wks. owned by Co.

GRANT PARK, p. 692. F. dept.—2 hose carts, 1 h. & l. trk., 500 ft. hose; telp. & bell al.; 24 vols.

GRAYVILLE, p. 1,940; f. area, 600 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; val. equip., \$1,500; val. bldgs., \$375; tot. mem. 15, pd. \$1 per ft.

Water Supply—Src., riv., 1,500 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; dim. 13 x 66; mat., stl.; 2 pump. eng., class dup., cap. day 600,000 gals.; mains, 700 ft.; 47 hyd.; 126 serv.; pipe, wrt. i.; pres., dom. 80 lbs., f. 100 lbs.; cost, \$28,000.

GREENFIELD, p. 1,161; f. area, 1,000 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline eng., 1 hand eng., 1 h. & l. trk., 4 hrs.; hose, gd., 1,400 ft.; inf., 500 ft.; tot. hose, 1,900 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$1,600; exp. dept., \$1,000; tot. mem. 25, pd. full time 1, paid part time 24; undrs. rating, third class.

Water Supply—Not reported.

GREENUP, p. 1,224; f. area, 640 a. F. dept.—1 hose cart, 1 wag., 3 ladders, 1,400 ft. hose; val. equip., \$800; val. bldgs., \$200; exp. dept., \$200; tot. mem. 16 vol.; undrs. rating, fourth class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., dir. pres. & pump to stdp.; 1 pump. eng., cap. day 260,000 gals.; mains, 3 m.; 35 hyd.; 3 v.; pres., dom. 70 lbs., f. 140 lbs.; cost, \$140,000; cost mtce., \$1,000; wks. owned by city.

GREENVIEW, p. 921; f. area, 160 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 water tower, 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 17,000 gals.; mat., wd.; 1 pump. eng., class trip., size 7 x 8, cap. day 200,000 gals.; mains, iron, 3,000 ft., 4 in. dia.; 20 hyd.; pres., dom. 30 lbs.; cons. day, 5,000 gals.; wks. owned by city.

GREENVILLE, p. 3,178; f. area, 1,000 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., bell, telp. & wh.; val. equip., \$1,000; val. bldgs., \$600; exp. dept., \$300; tot. mem., 25 vol.; undrs. rating, third class.

Water Supply—Src., wells & cisterna.

GRIGGSVILLE, p. 1,262; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—3 c. eng. on wls., 1 hand eng., 1 h. & l. trk., 1 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; tot. mem., 28 vol.

Water Supply—Src., wells & cisterna.

HAMILTON, p. 1,627; f. area, 76 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 25 c. hand ex., 1 h. & l. trk., 3 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 2,000 ft.; tot. hose, 3,500 ft.; f. al., bell; val. equip., \$4,900; val. bldgs., \$250; exp. dept., \$450; tot. mem., 13 pd., full time 1, pd. part time 11; undrs. rating, second class.

Water Supply—Src., Misa. R., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. 800,000 gals.; mains, 5½ m., 6 to 10 in. dia.; 64 hyd.; 27 v.; 116 met.; 119 serv.; pres., dom. & f., 80 to 95 lbs.; cons. day, 50,000 gals.; cost, \$30,000; cost mtce., \$1,500; wks. owned by city.

HANOVER, p. 660. F. dept.—1 hand eng., 12 c. ex.; hose, 350 ft.; f. al., bell.

Water Supply—Src., cisterna.

HARRISBURG, p. 10,000; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car., 2 hrs.; hose, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., wh. & bell, 2 bx.; val. equip., \$3,000; val. bldgs., \$1,500; exp. dept., \$1,200; tot. mem., 15, pd. full time 1, pd. part time 14.

Water Supply—Src., creek; res. cap., 80,000 gals.; pres., dom. 45 lbs., f. 90 lbs.

HARVARD, p. 3,008; f. area, 600 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., reels, &c.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$250; tot. mem., 50 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump dir.; stdp. cap., 1,000,000 gals.; mat. stl.; res. cap., 1,000,000 gals., loc. at station; 2 pump. eng., class dup., cap. day, 600,000 gals.; mains, c. i., 3½ m., 4 to 8 in. dia.; 40 hyd.; 28 v.; met., 375; 340 serv.; pipe, lead & galv. i.; pres., dom. 60 lbs., f. 80 lbs.; cons. day, 100,000 gals.; wks. owned by city.

HARVEY, p. 7,227; f. area, 3¼ sq. m.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 3 hose carts, 1 comb. c. & h. wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 2,200 ft.; tot. hose, 4,200 ft.; f. al., Gamewell, 24 bx.; val. equip., \$3,000; val. bldgs., \$9,600; exp. dept., \$3,000; tot. mem., 21, pd. full time 4, vol. 17.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to res. & dir. to stdp.; stdp. cap., 200,000 gals., dim. 16 x 120, mat. stl.; res. cap., 210,000 gals., loc. at station; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 16 m., 6 to 12 in. dia.; 169 hyd.; 79 v.; met., 910; pres., dom. 55 lbs., f. 100 lbs.; cons. day, 400,000 gals.; wks. owned by Co.

HAVANA, p. 3,525; f. area, 8 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, rub. gd., 950 ft.; inf., 50 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$2,200; val. bldgs., \$9,000; exp. dept., \$250; tot. mem., 10 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 52,500 gals., dim. 16 x 36, mat. iron; 2 pump. eng., class comp. dup., cap. day 500,000 gals.; mains, c. i., 7 m., 4 to 8 in. dia.; 52 hyd.; 24 v.; 500 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 120 lbs.; cons. day, 400,000 gals.; cost, \$52,000; cost mtce., \$3,900; wks. owned by city.

HEBRON, p. 644. F. dept.—1 c. eng.; hose, 1,900 ft.; f. al., wh.

Water Supply—Src., wells; res. cap., 25,000 gals.; 2 pump. eng.; mains, 2 m., 8, 6 & 4 in. dia.; 25 hyd.; pres., dom. 55 lbs., f. 90 lbs.

HENNEPIN, p. 451. F. dept.—1 hose cart, 1 h. & l. trk., 50 ft. hose; bell al.

HENRY, p. 1,687; merc. bldgs., bk., 1 to 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng. on wls., 7 c. hand ex., 1 hose wag., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; inf., 600 ft.; tot. hose, 2,400 ft.; f. al., telp. & bell; val. equip., \$4,500; val. bldgs., \$7,000; exp. dept., \$500; tot. mem., 52 vol.

Water Supply—Sys., grav.; res. cap., 30,000 gals.; 2 pump. eng.; mains, c. i., 5 m., 2 to 10 in. dia.; 55 hyd.; 20 v.; met., 50; pres., dom. 70 lbs.; cost, \$30,000; wks. owned by city.

HERRIN, p. 6,861; f. area, 360 a. F. dept.—1 gas eng., 1 hose cart, 1 h. & l. trk., 2 hrs., 1,100 ft. hose; val. equip., \$3,500; val. bldgs., \$500; exp. dept., \$2,000; tot. mem., 8, pd. part time.

Water Supply—Src., impounding res., 2 1/2 m. bus. cent.; sys., grav.; res. cap., 50,000,000 gals.; 2 pump. eng., combined cap. day 5,000,000 gals.; mains, c. l., 12 m.; 80 hyd.; 66 v.; pres., dom. 46 lbs.; f. 100 to 125 lbs.; cost, \$110,000; wks. owned by city.

HIGHLAND, p. 2,675; f. area, 200 a.; merc. bldgs., bk., 1 to 3 stor.; priv., conc., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 str., 1 hand eng., 65 c. hand ex., 2 h. & l. trk., f. boats, 4 hose carts, 4 hose car.; hose, cot., rub. lined, gd., 1,570 ft.; rub., gd., 500 ft.; tot. hose, 2,070 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$3,000; tot. mem., 75 vol.; undra. rating, second class.

Water Supply—Src., cisterns.

HIGHLAND PARK, p. 4,209; f. area, 3 m.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag., 1 hose reel, 6 c. hand ex.; hose, cot., rub. lined, gd., 2,000 ft.; tot. hose, 2,300 ft.; f. al., tel., & gong, 2 bx.; val. equip., \$8,000; val. bldgs., \$3,000; exp. dept., \$900; tot. mem., 16, pd. full time 2, 14 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 185,000 gals., dim. 16 x 100; 2 pump. eng., class comp. dup., cap. day 3,000,000 gals.; mains, 19 m., 4 to 12 in. dia.; 207 hyd.; 112 v.; met., 570; 745 serv.; pres., dom. 60 lbs., f. 78 lbs.; cons. day, 550,000 gals.; cost, \$85,000; cost mtce., \$6,500; wks. owned by city.

HILLSBORO, p. 3,424; f. area, 80 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,300; val. bldgs., \$40,000; tot. mem., 25 vol.

Water Supply—Src., wells; sys., pump to stdp.; sys., dir. pres.; res. cap., 130,000 gals., loc. at pump. station; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, c. l., 30 m., 2 to 8 in. dia.; 100 hyd.; 50 v.; met., 200; 1,000 serv.; pipe, lead & galv. i.; pres., dom. 55 lbs., f. 85 lbs.; cons. day, 400,000 gals.; cost, \$100,000; cost mtce., \$4,500; wks. owned by city.

HINCKLEY, p. 661; f. area, 100 a. F. dept.—Stm. & gasoline pumps, 1 h. & l. trk.; hose, 1,000 ft.

Water Supply—Waterwks.; wks. owned by city.

HINSDALE, p. 2,451; f. area, 640 a.; merc. bldgs., bk. & stn., 2 to 3 stor.; priv., bk., stn. & wd., 2 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell & tel.; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 15 vol.

Water Supply—Src., wells, 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 36,000 gals., dim. 11 x 48; 2 pump. eng., cap. day, 2,000,000 gals.; mains, 40 m., 4 to 8 in. dia.; 200 hyd.; 725 met.; 725 serv.; pipe, lead; pres., dom. 60 lbs., f. 90 lbs.; cons. day, 450,000 gals.; cost, \$63,000; cost mtce., \$3,000; wks. owned by town.

HOPESTON, p. 4,698; f. area, 6 blocks; merc. bldgs., bk., 1 to 5 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 gas eng., 1 h. & l. trk., 1 water tower, 2 hose carts; hose, rub., gd., 1,800 ft.; new hose, 500 ft.; tot. hose, 2,300 ft.; f. al., bell & wh.; tot. mem., 32, pd. part time; undra. rating, third class.

Water Supply—Src., wells, 1/4 m. bus. cent.; sys., dir. pres.; res. cap., 130,000 gals., loc. at pump. station; 2 pump. eng., class comp.; cap. day, 2,000,000 gals.; mains, c. l., 30 m., 2 to 8 in. dia.; 100 hyd.; 50 v.; met., 200; 1,000 serv.; pipe, lead & galv. i.; pres., dom. 55 lbs., f. 85 lbs.; cons. day, 400,000 gals.; cost, \$100,000; cost mtce., \$4,500; wks. owned by city.

HOPEDALE, p. 566. F. dept.—1 hose cart, 10 vol., 1,500 ft. hose.

JACKSONVILLE, p. 15,326; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 2 in reserve. 2 c. hand ex., 1 comb. c. & h. wag., 1 hose wag., 2 hose car., 6 hrs.; hose, cot., rub. lined, 1,100 ft.; rub., gd., 1,250 ft.; tot. hose, 2,350 ft.; f. al., elec., 30 bx.; val. equip., \$40,000; val. bldgs., \$8,000; exp. dept., \$2,500; tot. mem., 9, pd. full time.

Water Supply—Src., Ill. riv.; sys., pump to res. & stdp. & dir.; res. cap., 2,700,000 gals.; stdp. cap., 100,000 gals.; pump. eng., cap. day 2,000,000 gals. each; mains, c. l., 24 m., 4 to 10 in. dia.; 214 hyd.; 150 v.; met., 1,422; pipe, lead; pres., f. 50 lbs.; cost, \$225,000; cost mtce., \$7,000; wks. owned by Jacksonville Water Co. & city.

JERSEYVILLE, p. 4,113; f. area, 600 a.; merc. bldgs., bk., 2 & 3 stor.; priv., 2 & 3 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—2 hand eng., 1 c. eng., 50 c. ex., 1 h. & l. trk., 2 hose car., 1 hand hose wag.; hose, rub., gd., 850 ft.; rub., inf., 400 ft.; tot. hose, 1,250 ft.; val. equip., \$3,000; val. bldgs., \$8,000; tot. mem., 50 vol.; f. al., bell & wh.; undra. rating, fourth class.

Water Supply—Src., wells; sys., grav.; stdp. cap., 33,000 gals.; res. cap., 180,000 gals.; 2 pump. eng., cap. day 877,000 gals.; mains, 4 1/2 m., 4 to 8 in. dia.; 35 hyd.; met., 21; 103 serv.; pres., f. 50 to 125 lbs.; cons. day 50,000 gals.; cost, \$40,000; cost mtce., \$2,000; wks. owned by city.

JOHNSON CITY, p. 3,248. F. dept.—1 c. hand eng., 1 hose wag.; hose, 1,800 ft.

Water Supply—Src., well; mains, 2 m., 4 to 8 in. dia.; 20 hyd.; pres., dom. 60 lbs., f. 120 lbs.

JOLIET, p. 34,670; f. area, 9,610 a.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 str., 2 c. eng. on wls., 1 chief's buggy, 9 c. hand ex., 1 h. & l. trk., 1 comb. hose wag., 4 hose wag., 5 exercise & supply wag., 22 hrs., 1 in reserve; hose, cot., rub. lined, gd., 8,650 ft., 1,300 ft. in reserve; f. al., Gamewell, 112 bx.; val. equip., \$57,500; val. bldgs., \$40,000; exp. dept., \$32,000; tot. mem., 37, pd. full time.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; stdp. cap., 200,000 gals., dim. 7 x 145; res. cap., 200,000 gals.; pump. eng., cap. day 3,000,000 gals.; mains, c. l., 40.23 m., 4 to 16 in. dia.; 360 hyd.; met., 350; 4,000 serv.; 282 v.; pipe, lead; pres., dom. 25 lbs., f. 80 to 100 lbs.; cons. day, 5,500,000 gals.; cost, \$250,000; cost mtce., \$30,000; wks. owned by city.

JONESBORO, p. 1,200; f. area, 4 a. F. dept.—1 h. & l. trk.; val. bldgs., \$50,000; vol.; undra. rating, fifth class.

Water Supply—Not reported.

KANKAKEE, p. 13,986; f. area, 4,000 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. permitted; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose car., reels, &c., 8 hrs.; hose, rub., gd., 2,800 ft.; inf., 350 ft.; tot. hose, 3,150 ft.; f. al., elec., 14 bx.; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$1,450; tot. mem., 40, pd. full time 2, vol. 88; undra. rating, second class.

Water Supply—Src., riv., 2 1/2 m. bus. cent.; sys., pump to stdp.; stdp. dim. 30 x 120, loc. at Wildwood ave. & Chestnut st., mat. stl.; 3 pump. eng., cap. day 9,000,000 gals.; mains, 36 m., 4 to 12 in. dia.; 240 hyd.; met., 225; 3,000 serv.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 1,900,000 gals.; wks. owned by Co.

KANSAS, p. 945; f. area, 500 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 1/2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 12 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 20 vol.

Water Supply—Src., wells & cisterns.

KEITHSBURG, p. 1,515; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; tot. mem., 53 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. dim., 100 x 10; 2 pump. eng., class comp. dup., cap. day 1,008,000 gals.; cost, \$15,000.

KENNEY, p. 570. F. dept.—1 hand eng., 2 hose carts; hose, 800 ft.; val. equip., \$1,500; val. bldgs., \$700; vol.

Water Supply—Src., wells.

KEWANEE, p. 9,307; f. area, 1,500 a.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., stn., bk. & wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. on wls., 1 c. eng., 1 hose wag., 2 hose carts.

4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell; tot. mem., 20, 5 pd. full time, 15 vol.
Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; stdp. dim., 80 x 250; res. cap., 1,800,000 gals., loc. at pump. station; 3 pump. eng., class comp. dup., cap. day 1,500,000 gals.; mains, c. l., 20 m., 4 to 10 in. dia.; 250 hyd.; 160 v.; met., 1,040; 900 serv.; pipe, lead & galv. l.; pres., dom. 60 lbs., f. 100 lbs.; cons., day 350,000 gals.; cost, \$157,000; cost mtce., \$10,000; wks. owned by city.

KINSMAN, p. 219. F. dept.—1 hose cart, 300 ft. hose; bell al.

KINGSTON, p. 294. F. dept.—1 c. eng., 600 ft. gd. hose; vol.

Water Supply—Src., wells.

KIRKLAND, p. 685. F. dept.—3 c. hand ex., 1 hand eng.; hose, 800 ft.; f. al., bell & wh.
Water Supply—Src., 10 cisterns.

KIRKWOOD, p. 926; merc. bldgs., bk. & iron, 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 400 ft.; rub., gd., 100 ft.; inf., 100 ft.; tot. hose, 600 ft.; val. equip., \$3,000; val. bldgs., \$1,000; tot. mem., 15 vol.

Water Supply—Src., wells.

KNOXVILLE, p. 1,818; f. area, $\frac{3}{4}$ m.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 400 ft.; tot. hose, 1,400 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$50; tot. mem., 52 vol.; undra. rating, third class.

Water Supply—Src., wells & spr., 4 blocks bus. cent.; sys., grav. pump to res.; stdp. cap., 35,500 gals.; res. cap., 75,000 gals.; pump. eng., cap. day, 148,800 gals.; mains, c. l., 5 m., 4 to 10 in. dia.; 36 hyd.; met., 224; 92 serv.; pipe, galv. iron; pres., f. 45 to 175 lbs.; cons., day 19,750 gals.; cost, \$30,000; cost mtce., \$12,000; wks. owned by city.

LACON, p. 1,495; f. area, 1,280 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 aer. trk., 3 hose car., reels, &c.; hose, cot., rub. lined, gd., 900 ft.; inf., 400 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$2,250; val. bldgs., \$1,000; exp. dept., \$2,000; tot. mem., 10, pd. full time; undra. rating, third class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 65,000 gals., 65 ft. high, mat. stl.; pump. eng., class comp. dup., cap. day 1,500,000 gals.; mains, 5 m., 4 to 10 in. dia., 65 hyd.; 300 serv.; pipe, galv. l.; pres., dom., 60 lbs., f. 65 to 150 lbs.; cons. day, 65,000 gals.; cost, \$25,000; cost mtce., \$1,000; wks. owned by city.

LADD, p. 1,324. F. dept.—1 h. & l. trk., 3 carts; hose, 800 ft.; f. al., bell & telp.; tot. mem., 42 vol.

Water Supply—Src., well; mains, $1\frac{1}{2}$ m., 4 to 8 in. dia.; 15 hyd.; pres., dom. 40 lbs., f. 80 lbs.

LA GRANGE, p. 5,282; f. area, 800 a.; merc. bldgs., bk., stn. & wd., 1 & 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 4 hose car., hrs.; hose, linen, gd., 2,200 ft.; val. equip., \$4,500; exp. dept., \$900; tot. mem., 16 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 180,000 gals., dim. 16 x 120; res. cap., 2,000,000 gals.; 4 pump. eng., class centrif., cap. day 8,000,000 gals.; mains, 25 m., 4 to 12 in. dia.; 144 hyd.; met., 1,000; 820 serv.; pres., dom. 50 lbs., f. 50 to 120 lbs.; cost, \$250,000.

LA HARPE, p. 1,349; f. area, 800 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—2 hand eng., 1 c. eng., 1 h. & l. trk., 6 c. hand ex., 1 c. hand pump, 3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$2,350; val. bldgs., \$2,000; exp. dept., \$50; tot. mem., 39 vol.

Water Supply—Src., wells, $4\frac{1}{2}$ blocks bus. cent.; sys., pump to stdp.; stdp. cap., 32,000 gals., dim. 18 x 18, loc. at station; mat., wd.; 2 pump. eng., class trip., size 8 x 10, cap. day 72,000 gals.; mains, c. l., $1\frac{1}{2}$ m., 6 in. dia.; 15 hyd.; 4 v.; met., 20; 40 serv.; pipe, galv. l.; pres., dom. 35 lbs.,

f. 100 lbs.; cost, \$25,000; cost mtce., \$300; wks. owned by city.

LAKE FOREST, p. 3,349; f. area, 40 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$2,000; tot. mem., 12 vol.

Water Supply—Src., lake, $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 1,200,000 gals.; dim. 16 x 85, mat. stl.; res. cap., 404,000 gals.; 4 pump. eng., class, comp. dup. & centrif.; cap. day 5,250,000 gals.; mains, c. l., 24 m., 4 to 12 in. dia.; 120 hyd.; 70 v.; met., 720; 720 serv.; pipe, lead; pres., dom. 35 lbs., f. 90 lbs.; cost, \$100,000; cost mtce., \$7,000; wks. owned by priv. Co.

LANARK, p. 1,175; f. area, 800 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 water tower, 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell & telp.; val. equip., \$2,500; exp. dept., \$150; tot. mem., 14, pd. part time; undra. rating, third class.

Water Supply—Src., well, 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 59,726 gals., dim. 16 x 26, mat. stl. & wd.; res. cap., 51,000 gals., loc. at plant; stdp. cap., 63,000 gals.; 2 pump. eng., class dup., cap. day 207,360 gals.; mains, c. l., 2 m., 4 to 8 in. dia.; 28 hyd.; 26 v.; met., 44; pres., dom. 45 lbs., f. 125 lbs.; cost, \$15,000; cost mtce., \$500; wks. owned by city.

LA SALLE, p. 11,537; f. area, 23 a.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 800 ft.; tot. hose, 2,700 ft.; f. al., elec., 36 bx.; val. equip., \$5,700; val. bldgs., \$46,000; exp. dept., \$4,800; tot. mem., 24, pd. full time 4, pd. part time 20.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; res. cap., 500,000 gals., loc. at pump. station; 2 pump. eng., cap. day 5,000,000 gals.; mains, cast i., 20 m., 2 to 14 in. dia.; 115 hyd.; 1,500 met., 2,100 serv.; pipe, lead; pres., dom. 100 lbs., f. 140 lbs.; cons. day, 2,500,000 gals.; cost, \$200,000; cost mtce., \$15,000; wks. owned by city.

LAWRENCEVILLE, p. 3,235; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—Hose, cot., rub. lined, gd., 800 ft.; f. al., bell & wh.; tot. mem., 14 vol.; undra. rating, third class.

Water Supply—Src., wells, Erntanasas r.v., 3 blocks bus. cent.; res. cap., 75,000 gals.; 2 pumps, eng.; mains, c. l., 17,300 ft., 4 to 8 in. dia.; 46 hyd.; 11 v.; 34 met.; 379 serv.; pres., dom. 50 to 70 lbs., f. 100 lbs., cons. day 80,000 gals.; wks. owned by Co.

LEE, p. 303. F. dept.—600 ft. hose; 20 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 7,000 gals.; 1 pump. eng.; mains, $\frac{1}{4}$ m., 4 in. dia.; 3 hyd.; pres., dom. 40 to 60 lbs.; wks. owned by town.

LELAND, p. 545. F. dept.—1 hand eng., 500 ft. hose; vol.

LEMONT, p. 2,284; f. area, 60 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng. on wls., 2 c. hand ex., 1 h. & l. trk., 3 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 500 ft.; tot. hose, 2,500 ft.; f. al., Gamewell, 6 bx.; val. equip., \$10,000; val. bldgs., \$20,000; exp. dept., \$300; tot. mem., 40 vol.

Water Supply—Src., wells; sys., pump dir.; res. cap., 175,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, 16 m., 3 to 10 in. dia.; 115 hyd.; met., 3; 1,000 serv.; pres., dom. 75 lbs., f. 75 to 100 lbs.; cost, \$75,000; cost mtce., \$5,000; wks. owned by city.

LENA, p. 1,168; f. area, 640 a.; merc. bldgs., bk. & wd., stn., 1 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$8,000; tot. mem., 24, vol.; undra. rating, third class.

Water Supply—Src., deep well; sys., pump to res.; res. cap., 5,000 gals.; pump. eng., cap. day 144,000 gals.; mains, 3 m., 4 to 8 in. dia.; 28 hyd.; 74 serv.; pres., f. 50 lbs.; cost, \$22,000; cost mtce., \$800.

LEROY, p. 1,702; merc. bldgs., bk. & iron, 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell, wh. & telp.; val. equip., \$5,000; val. bldgs., \$1,500; exp. dept., \$500; tot. mem., 15 vol.; undra. rating, second class.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 74,000 gals., dim. 12 x 100, mat. stl.; pump. eng., cap. day 150,000 gals.; mains, 3 m., 4 to 8 in. dia.; 25 hyd., 6 v.; 125 serv.; pres., dom. 40 lbs., f. 45 to 70 lbs.; cons., day 22,000 gals.; cost, \$13,500; cost mtce., \$500; wks. owned by city.

LEWISTOWN, p. 2,312; f. area, 36 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, rub. gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$1,800; val. bldgs., \$4,000; tot. mem., 15 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 21,000 gals., dim. 12 x 36; pump. eng., cap. day 200,000 gals.; mains, 5 m., 4 to 8 in. dia.; 32 hyd.; met., 80; 225 serv.; pipe, iron & lead; pres., dom. 100 lbs., f. 125 lbs.; cons., day 85,000 gals.; cost, \$15,500; cost mtce., \$2,400; wks. owned by Co.

LEXINGTON, p. 1,318; f. area, 300 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts; hose, rub., gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$800; val. bldgs., \$600; tot. mem., 20 vol.

Water Supply—Src., well; sys., pump dir.; stdp. cap., 40,000 gals.; mains, 49 blocks, 4 to 8 in. dia.; 45 hyd.; 9 v.; 192 met.; 192 serv.; pipe, iron; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 75,000 gals.; cost, \$18,000; cost mtce., \$1,500; wks. owned by city.

LIBERTYVILLE, p. 1,724. F. dept.—1 hose cart, 500 ft. gd. hose, 850 ft. inf. hose, tot. 850 ft. hose; vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap. 60,000 gals.; res. cap., 70,000 gals.; 1 pump. eng., cap. day 50,000 gals.; mains, 8 m., 4 to 8 in. dia.; 65 hyd.; pres., dom. 50 lbs., f. 125 lbs.

LINCOLN, p. 10,892; f. area, 90 a.; merc. bldgs., bk., str. & iron, 1 to 4 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose wag., 3 hose car., 4 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub., 280 ft.; tot. hose, 2,780 ft.; f. al., wh.; val. equip., \$7,500; val. bldgs., \$18,000; exp. dept., \$3,000; tot. mem., 18, pd. full time 5, vol. 13; undra. rating, second class.

Water Supply—Src., wells & creek, 1½ m. bus. cent.; sys., pump to stdp. & dir.; std. cap., 150,000 gals., dim. 16 x 100, mat. stl.; 3 pump. eng., class 2 comp. & dup., cap. day 4,500,000 gals.; mains, c. l., 21 1-8 m., 4 to 14 in. dia.; 228 hyd.; 147 v.; met., 551; 1,486 serv.; pipe, galv. l.; pres., dom. 30 to 60 lbs., f. 90 to 100 lbs.; cons. day, 600,000 gals.; cost, \$350,000; wks. owned by Co.

LITCHFIELD, p. 5,971; f. area, 650 a.; merc. bldgs., bk. & iron, 2 & 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 La France str., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; rubber, gd., 1,200 ft.; inf., 500 ft.; tot. hose, 3,100 ft.; f. al., bell & wh.; val. equip., \$5,600; val. bldgs., \$4,000; exp. dept., \$3,000; tot. mem., 75, pd. full time 4; undra. rating, third class.

Water Supply—Src., creek, 3 m. bus. cent.; sys., pump dir.; res. cap., 100,000,000 gals., loc. 3 m. cty; 3 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 10 m., 4 to 12 in. dia.; 63 hyd.; 20 v.; met., 25; 100 serv.; pres., dom. 70 lbs., f. 80 to 100 lbs.; cons. day, 400,000 gals.; cost, \$90,000; cost mtce., \$6,000; wks. owned by city & Co.

LITTLE YORK, p. 358. F. dept.—1 comb. hand & c. eng.; 600 ft. hose; bell al.; vol.

Water Supply—Src., wells & cisterns.

LOCKPORT, p. 2,555; f. area, 1 m.; merc. bldgs., bk. & str., 2 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area. F. dept.—2 c. hand ex., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 1,200 ft.; tot. hose, 2,700 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$600; exp. dept., \$300; tot. mem., 47 vol.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to res.; res. cap., 500,000 gals.; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, c. l., 6 m., 4 to 12 in. dia.; 53 hyd.; met., 125; 125 serv.; pres., dom. 37 to 72 lbs., f. 100 lbs.; cost, \$30,000; cost mtce., \$4,500; wks. owned by city.

LODA, p. 650; f. area, 15 a. F. dept.—1 c. eng.; f. al., bell; val. equip., \$400; exp. dept., \$75; tot. mem., 7, pd. part time.

Water Supply—Src., wells.

LONDON MILLS, p. 555. F. dept.—600 ft. hose; vol.

LOSTANT, p. 458. F. dept.—1 comb. c. wag., 200 ft. hose; bell al.

McHENRY, p. 1,031; f. area, 192 a.; merc. bldgs., bk. & wd., 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 4 hand eng., 2 c. eng., 4 c. hand ex., 3 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$1,500; val. bldgs., \$5,500; tot. mem., 60 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 135,000 gals.; res. cap., 30,000 gals.; 1 pump. eng., trip., cap. day 500,000 gals.; mains, c. l., 3½ m.; 43 hyd.; 50 serv.; pres., f. 100 lbs.; cost, \$23,000.

McLEANSBORO, p. 1,796; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh., 7 bx.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$250; tot. mem., 30 vol.; undra. rating, third class.

Water Supply—Src., res., cap., 75,000,000 gals.; cost, \$20,000.

MACOMB, p. 5,744; f. area, 40 a.; merc. bldgs., bk., str. & metal, 3 stor.; priv., wd., 1, 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—2 comb. c. & h. wag., 2 c. wag., 3 c. eng., 4 c. hand ex., 1 h. & l. trk., 1 hose car., 3 hrs.; hose, cot., rub. lined, gd., 2,800 ft.; f. al., bell & wh., 33 bx.; val. equip., \$7,600; val. bldgs., \$5,000; exp. dept., \$1,500; tot. mem., 14, pd. full time 1, vol. 13; undra. rating, fourth class.

Water Supply—Src., creek; pump to stdp. & dir.; stdp. cap., 100,000 gals., dim. 28 x 8 x 20; res. cap., 155,000 gals.; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. l., 11 m., 4 to 12 in. dia.; 120 hyd.; met., 334; 400 serv.; pipe, galv. l.; pres., dom. 60 to 75 lbs., f. 100 lbs.; cons. day, 200,000 gals.; cost, \$50,000; cost mtce., \$3,000; wks. owned by city.

MADISON, p. 5,046. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 1 hose reel; hose, 1,500 ft.; f. al., bell & telp.; tot. mem., 44, pd. full time 1, vol. 43.

Water Supply—Src., Mississippi riv.; 2 pump. eng., cap. day 9,000,000 gals.; mains, 5 m., 8 to 12 in. dia.; 86 hyd.

MALTA, p. 450. F. dept.—1 comb. h. & c. eng., 800 ft. hose; 25 vol.

MANTENO, p. 1,229. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 700 ft.; inf., 300 ft.; tot. hose, 1,000 ft.; f. al., bell & telp.; val. equip., \$2,500; val. bldgs., \$300; vol.; undra. rating, 4½ class.

Water Supply—Src., wells; sys., dir. pres.; res. cap., 100,800 gals.; 2 pump. eng.; mains, 2½ m., 4 to 10 in. dia.; 40 hyd.; 12 v.; pres., dom. 20 to 50 lbs., f. 70 lbs.; cons. day, 35,000 gals.; wks. owned by city.

MAPLE PARK, p. 389. F. dept.—1 h. & l. trk., 2 hose wag., 600 ft. hose; telp. & bell al.; 17 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 8,000 gals.; 1 pump. eng.; mains, 11 m., 4 in. dia.; 10 hyd.; wks. owned by town.

MARENGO, p. 1,936; f. area, 480 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., wd., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng. on wks. 1 h. & l. trk., 1 hose wag., 2 hose carts, 1 hr.:

hose, cot., rub. lined, gd., 1,500 ft.; f. al., Game-well, 5 br.; val. equip., \$3,500; val. bldgs., \$6,000; exp. dept., \$200; vol., 18.

Water Supply—Src., wells; ays., pump to stdp.; stdp. cap., 70,000 gals.; pump. cap., 500 gals. min.; mains, 17,650 ft., 4, 6, 8 in. dia.; 45 hyd.; cost, \$12,000.

MARION, p. 7,093. F. dept.—2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp.; tot. mem., 20 vol.

Water Supply—Src., wells; ays., dir. pres.; res. cap., 125,000 gals.; 2 pump. eng.; mains, 3 m., 6 to 8 in. dia.; 25 hyd.; pres., dom. 50 lbs.; f. 100 lbs.; wks. owned by city.

MARISSA, p. 2,004; f. area, 150 a.; merc. bldgs., stn., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 gas eng., 1 c. eng. on wls., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.

Water Supply—Src., cisterns, wells, ponds.

MAROA, p. 1,160; f. area, 400 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 400 ft.; inf., 200 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$2,000; exp. dept., \$75; tot. mem., 35 vol.

Water Supply—Src., wells; ays., pump to stdp.; stdp. cap., 57,000 gals., 100 ft. high; res. cap., 153,000 gals.; 3 pump. eng., class dup.; mains, 4 m.; 20 hyd.; 145 serv.; pipe, galv. i.; pres., dom. 30 lbs., f. 45 lbs.; cons., day 61,000 gals.; cost, \$15,000; cost mtce., \$900; wks. owned by city.

MARSEILLES, p. 3,291; f. area, 100 a.; merc. bldgs., bk., stn., wd. & iron, 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 1 hose wag., 3 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 1,500 ft.; tot. hose, 2,700 ft.; f. al., bell & telp.; val. equip., \$6,000; val. bldgs., \$250; tot. mem., 18, 4 pd., 14 vol.; undrs. rating, third class.

Water Supply—Src., well, in bus. cent.; ays., pump to stdp.; dim. 16 ft. x 65 ft., loc. on bluff, mat. stl.; res. cap., 275,000 gals.; 2 trip. pump. eng., cap. day, 1,000,000 gals.; mains, c. i., 8 m., 4 to 10 in. dia.; 67 hyd.; 20 v.; pipe, lead & galv. i.; pres., dom. 90 lbs., f. 100 lbs.; cost, \$60,000; wks. owned by Co.

MARSHALL, p. 2,569; f. area, 30 a.; merc. bldgs., bk. & stn., 2 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & 1 trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$700; tot. mem., 25 vol.

Water Supply—Src., wells & cisterns; stdp., 115 ft. high; 35 hyd.

MARTINSVILLE, p. 1,500; f. area, 20 a.; bldgs., bk. F. dept.—2 c. eng.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; tot. mem., vol.

Water Supply—Not reported.

MASCOUTAH, p. 2,081; f. area, 1½ sq. m.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; f. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 3 c. hand ex., 1 h. & 1 trk., 5 hose cars; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 500 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$2,500; exp. dept., \$200; tot. mem., 120 vol.; undrs. rating, third class.

Water Supply—Src., cisterns & wells, cap. 50,000 gals.; 25 hyd.; 1½ m. 6-in. mains; pres., 60 lbs.

MASON CITY, p. 1,842; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts; hose, rub., gd., 1,000 ft.; f. al., bell; val. equip., \$1,250; val. bldgs., \$500; tot. mem., 25 vol.

Water Supply—Src., wells, 1 block bus. cent.; ays., pump to stdp. & dir.; stdp. cap., 38,000 gals., dim. 12 x 40; 2 pump. eng., cap. day 650,000 gals.; mains, 8 m., 2 to 8 in. dia.; 40 hyd.; 14 v.; 178 met.; 515 serv.; pres., dom. 47 lbs., f. 120 lbs.; cost, \$15,000; cost mtce., \$1,000; wks. owned by city.

MATTOON, p. 11,456; f. area, 2,500 a.; merc. bldgs., bk., stn. & iron; 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 comb. h. & c. wag., 1 chief's

wag., 6 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., telp.; val. equip., \$11,000; val. bldgs., \$15,000; exp. dept., \$14,000; tot. mem., 11, pd. full time; undrs. rating, fourth class.

Water Supply—Src., impounding surface res., 7 m. bus. cent.; ays., dir. pres.; stdp. cap., 150,000 gals., dim. 15 ft. x 120 ft., mat. iron; res. cap., 1,500,000 gals.; 4 pump. eng., cap. day 4,500,000 gals.; mains, c. i., 4 m., 6 to 12 in. dia.; 103 serv.; 175 hyd.; 15 v.; met., 103; 1,060 serv.; pipe, galv. i. & lead; pres., dom. 40 lbs., f. 80 to 165; wks. owned by Co.

MAYWOOD, p. 3,032; f. area, 200 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 c. hand ex., 3 hose carts, 1 comb. c. & h. wag. with ladder, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., wh.; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$2,000; tot. mem., 14, pd. full time 1, pd. part time 3, vol. 10.

Water Supply—Src., wells, in bus. cent.; ays., pump to stdp. or dir.; stdp. cap., 150,000 gals., dim. 100 x 16, mat. stl.; res. cap., 28,000 gals., loc. at wks.; 2 pump. eng., class comp. dup., cap. day 1,500,000 gals.; mains, 36½ m., 4 to 12 in. dia.; 417 hyd.; 127 v.; met., 2,000; 2,000 serv.; pipe, lead; pres., dom. 35 lbs., f. 85 lbs.; cons. day, 650,000 gals.; cost, \$135,000; cost mtce., \$2,000; wks. owned by city.

MELROSE PARK, p. 4,806; f. area, 1 sq. m.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in residence district; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; tot. mem., 14 vol.

Water Supply—Src., well, ¼ m. bus. cent.; ays., pump to res. & stdp.; stdp. cap., 165,876 gals., dim. 16 x 110, mat. wrt. i.; res. cap., 115,000 gals., loc. at station; 3 pump. eng., class centrif., cap. day 1,295,000 gals.; mains, c. i., 15 m., 4 to 8 in. dia.; 146 hyd.; 94 v.; met., 820; 657 serv.; pipe, lead; pres., dom. 48 lbs., f. 90 lbs.; cons. day, 499,000 gals.; cost, \$84,000; cost mtce., \$100; wks. owned by city.

MENDOTA, p. 3,806; f. area, 3¼ sq. m.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; rub., gd., 500 ft.; tot. hose, 2,300 ft.; f. al., Gamewell, 22 bx.; val. equip., \$4,500; val. bldgs., \$10,000; exp. dept., \$1,200; tot. mem., 25 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; ays., pump to res. & dir.; stdp. cap., 25,000 gals.; res. cap., 130,000 gals.; 4 pump. eng., class comp., cap. day, 1,000,000 gals.; mains, c. i., 16 m., 2 to 8 in. dia.; 103 hyd.; 31 v.; 1,100 met.; 1,100 serv.; pres., dom. 45 lbs., f. 130 lbs.; cons. day, 600,000 gals.; cost, \$130,000; cost mtce., \$10,000; wks. owned by city.

METAMORA, p. 694. F. dept.—2 hose carts; hose, 1,200 ft.; f. al., bell; tot. mem., 25.

Water Supply—Src., wells; res. cap., 1,600 bbls.; mains, 1 m., 4 to 6 in. dia.; 13 hyd.; wks. owned by city.

METROPOLIS CITY, p. 4,655; f. area, 400 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., bell; val. bldgs., \$1,500; exp. dept., \$1,350; tot. mem., 15, pd. full time 1, 14 vol.

Water Supply—Src., well, ¼ m. bus. cent.; ays., dir. pres.; 2 pump. eng., cap. day, 5,050,000 gals.; mains, c. i., 10 m., 4 to 10 in. dia.; 12 v.; 4 met.; 81 hyd.; 487 serv.; pipe, galv. i. & wrt. i.; pres., dom. 45 lbs., f. 110 lbs.; cost, \$55,000; cost mtce., \$4,000; wks. owned by city.

MILAN, p. 727. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,100 ft.; inf., 300 ft.; tot. hose, 1,400 ft.; f. al., bell; val. equip., \$900; val. bldgs., \$250; exp. dept., \$50; tot. mem., 10, pd. part time.

Water Supply—Src., artesian well, 1,000 ft. bus. cent.; 1 pump, cap. day 518,000 gals.; 17 hyd.; 14 v.; mains, 15,840 ft.; pres., dom. 20 lbs., f. 60 lbs.; cost, \$13,000; undrs. rating, 4½ class; wks. owned by city.

MILFORD, p. 1,316. F. dept.—1 hose wag., 800 ft. hose; bell al.; vol.

MILLEDGEVILLE, p. 630. F. dept.—1 hose wag., 500 ft. gd. hose, 500 ft. inf. hose; tot. hose, 1,000 ft.; wh. al.

Water Supply—Src., wells; sys., pump to stdp.; 1 pump. eng.; mains, 2 m., 4 to 8 in. dia.; 20 hyd.; pres., dom. 75 lbs.; f. 75 lbs.; wks. owned by town.

MILLSTADT, p. 1,140; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—2 hand eng., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 500 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,200; exp. dept., \$50; tot. mem., 40 vol.; undrs. rating, fourth class.

Water Supply—Src., wells & cisterns.

MINIER, p. 690. F. dept.—1 hand eng., 2 hose wag., 1,000 ft. gd. hose, 700 ft. inf. hose; tot. hose, 1,700 ft.; telp. & bell al.; 15 mem., pd. part time.

Water Supply—Src., wells; sys., pump to stdp.; 1 pump. eng.; mains, 1½ m., 3 to 6 in. dia.; 16 hyd.; pres., dom. 25 lbs.; f. 40 lbs.; wks. owned by town.

MINONK, p. 2,070; f. area, 700 a.; merc. bldgs., bk., 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose car., reels, 2 hrs.; hose, gd., 500 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$4,000; exp. dept., \$2,000; tot. mem., 20, 1 pd., 19 vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 55,000 gals.; pump. eng., cap. day 216,000 gals.; mains, 5 m., 6 to 8 in. dia.; 30 hyd.; met., 6; 68 serv.; pres., dom. 55 lbs.; f. 80 lbs.; cons., day 60,000 gals.; cost, \$20,000; wks. owned by city.

MINOOKA, p. 361; f. area, 80 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. inf. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1,000 ft. cot., rub. lined hose; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells; sys., grav.; stdp. cap., 60,000 gals., mat. stil.; 1 pump. cap. day 109,000 gals.; mains, c. i., 1 m., 4 to 8 in. dia.; 14 hyd.; pres., 60 lbs.; cons. day, 10,000 gals.; cost, \$12,000; cost mtce., \$600; wks. owned by city.

MOLINE, p. 24,199; f. area, 45 a.; merc. bldgs., bk. & stn., 2 to 8 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. auto. c. & h. wag., 3 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 1 hose cart, 9 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; f. al., Gamewell, 72 bx.; val. equip., \$28,600; val. bldgs., \$56,800; exp. dept., \$29,370; tot. mem., 26, pd. full time; undrs. rating, third class.

Water Supply—Src., riv., 3,000 & 2,000 ft. bus. cent.; sys., pump dir.; 3 pump. eng., cap. day 12,500,000 gals.; mains, c. i., 41 m., 6 to 20 in. dia.; 384 hyd.; met., 50; 2,700 serv.; pipe, lead; pres., dom. 60 lbs.; f. 100 lbs. to 185 lbs.; cons., day 3,500,000 gals.; cost, \$284,640; cost mtce., \$3,000; wks. owned by city.

MOMENCE, p. 2,201; f. area, 360 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—2 hose reels, 1 hose wag.; hose, cot., rub. lined, gd., 1,750 ft.; f. al., bell & wh.; val. equip., \$6,500; val. bldgs., \$3,000; tot. mem., 10, pd. per fire; undrs. rating, third class.

Water Supply—Src., wells, 5 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 85,000 gals., dim. 12 x 100, mat. iron; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 68 hyd.; met., 9; 275 serv.; pipe, galv. i.; pres., dom. 40 lbs.; f. 90 lbs.; cons. day, 800,000 gals.; cost, \$34,000; cost mtce., \$2,400; wks. owned by city.

MONEAQUA. F. dept.—Not reported.

Water Supply—Src., 6 wells, 2 m. bus. cent.; sys., bk.; stil. tower, dim. 13 x 50 ft.; mains, 5 m., c. i. & wd., 8 in. dia.; hyd., 13; cost mtce., \$800; wks. owned by city.

MONEE, p. 411. F. dept.—1 h. & l. trk., 1 hand eng., 2 hose wag., 1,500 ft. hose; bell al.; 30 vol.

MONMOUTH, p. 9,123; f. area, 2 sq. m.; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng. on wls., 1 comb. c. eng., 8 c. hand ex., 1 h. & l. trk., 3 hose wag., 1 hose car., 7 hrs.; hose, cot., rub. lined, gd., 2,800 ft.; f. al., Gamewell, 15 bx.; val. bldgs., \$10,000; exp. dept., \$5,300; tot. mem., 97, pd. full time 5, 92 vol.

Water Supply—Src., 3 wells; sys., pump to res. & stdp.; stdp. cap., 115,000 gals., dim. 21 x 36, mat. iron; res. cap., 300,000 gals.; 3 pump. eng., class dup.; mains, c. i., 23 m., 4 to 8 in. dia.; 220 hyd.; met., 565; 1,800 serv.; pipe, lead; pres., dom. 50 lbs.; f. 110 lbs.; cons., day 430,000 gals.; cost, \$125,000; wks. owned by city.

MONTICELLO, p. 1,981; f. area, 19 blocks; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 1 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 2 hose wag., hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., telp., 6 bx.; val. equip., \$3,050; val. bldgs., \$200; exp. dept., \$600; tot. mem., 13 vol.

Water Supply—Src., wells; sys., pump to res.; stdp. cap., 36,000 gals., dim. 12 x 48, mat. iron; res. cap., 56,000 gals.; pump. eng., class dup., cap. day 210,000 gals.; mains, 5 m., 4 to 8 in. dia.; 52 hyd.; met., 38; 304 serv.; pipe, iron; pres., dom. 30 lbs.; f. 150 lbs.; cons., day 80,000 gals.; cost, \$30,750; cost mtce., \$400; wks. owned by city.

MORGAN PARK, p. 3,694; f. area, 10 a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. on wls., 1 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., wh.; val. equip., \$3,000; exp. dept., \$500; tot. mem., 80 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump dir.; res. cap., 300,000 gals., loc. at station; 2 pump. eng., cap. day 860,000 gals.; pump. cap., 350,000 gals.; mains, c. i.; met., 675; pres., dom. 40 lbs.; f. 90 lbs.; wks. owned by city.

MORRIS, p. 4,563; f. area, 1,200 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., Gamewell, 18 bx.; val. equip., \$5,000; val. bldgs., \$7,000; exp. dept., \$2,000; tot. mem., 25 vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 108,000 gals., dim. 12 x 125, mat. stil.; res. cap., 138,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, 12½ m., 4 to 12 in. dia.; 115 hyd.; met., 600; 950 serv.; pipe, galv. i.; pres., dom. 50 lbs.; f. 125 lbs.; cons., day 150,000 gals.; cost, \$46,000; cost mtce., \$5,500; wks. owned by city.

MORRISON, p. 2,410; f. area, 700 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 1,000 ft.; tot. hose, 2,500 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 18 vol.

Water Supply—Src., spr. & wells, ¼ m. bus. cent.; sys., grav. pump to stdp. & dir.; stdp. cap., 340,000 gals.; 2 pump. eng., cap. day, 480,000 gals.; mains, c. i., 10 m., 4 to 8 in. dia.; 109 hyd.; 73 v.; met., 397; 719 serv.; pipe, wrt. i.; pres., dom. 38 to 56 lbs.; f. 200 lbs.; cons. day 250,000 gals.; cost, \$35,000; cost mtce., \$4,600; wks. owned by city.

MORRISONVILLE, p. 1,126; bldgs., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; tot. mem., 24 vol.; undrs. rating, third class.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 37,000 gals., dim. 20 x 26, mat. wd.; pump. eng., class dup., cap. day 500,000 gals.; mains, ½ m.; 10 hyd.; pipe, galv. i.; pres., dom. 33 lbs.; f. 65 to 80 lbs.; cons., day 15,750 gals.; cost, \$8,000; cost mtce., \$300; wks. owned by village.

MOUND CITY, p. 2,837; f. area, 600 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. &

wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng. on wls., 1 h. & l. trk., 3 hose car.; hose, rub., gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al. bell & wh.; val. equip., \$2,500; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 60, pd. part time.

Water Supply—Src., well; sys., dir.; res. cap., 250,000 gals., loc. at pump. station; 2 pump. eng., class comp. dup., cap. day 1,500,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 37 hyd.; 20 v.; 350 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 100 lbs.; cons. day 300,000 gals.; cost, \$45,000; cost mtce., \$7,000; wks. owned by Western Ry. & Light Co.

MT. CARMEL, p. 6,934. No organized dept.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 150,000 gals., dim. 16 x 100, mat. stl.; 4 pump. eng., cap. day 6,250,000 gals.; mains, c. i., 20 m., 4 to 14 in. dia.; 182 hyd.; met., 16; 1,300 serv.; pres., dom. 50 lbs., f. 100 lbs.; cost, \$165,000; wks. owned by Co.

MT. CARROLL, p. 1,759; f. area, 280 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,450 ft.; val. equip., \$3,650; val. bldgs., \$6,000; exp. dept., \$300; tot. mem., 40 vol.

Water Supply—Src., wells; sys., pump to res. & dir.; stdp. cap., 62,000 gals.; res. cap., 27,540 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 4 m., 4 to 8 in. dia.; 38 hyd.; 10 v.; met., 7; 150 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 100 lbs.; cost, \$35,000; cost mtce., \$700; wks. owned by city.

MT. MORRIS, p. 1,132. F. dept.—Not reported.

Water Supply—Src., deep well in village, dim. 20 x 20, mat. stl., tower; 1 pump. eng., class gasoline; mains, 26 blocks, 10 to 4 in. dia.; 14 hyd.; wks. owned by city.

MT. OLIVE, p. 3,501; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose reels, 1 hand eng.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 850 ft.; tot. hose, 2,650 ft.; f. al. bell; val. equip., \$3,000; exp. dept., \$195; tot. mem., 57 vol.

Water Supply—Src., wells; waterwks. in course construction; mains, 2 $\frac{1}{2}$ m.; 2 pumps, daily cap., 1,000,000 gals. each.

MT. PULASKI, p. 1,511; f. area, 600 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 comb. c. & h. wag., 2 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., Gamewell, 10 bx.; val. equip., \$3,000; val. bldgs., \$4,000; exp. dept., \$500; tot. mem., 27 vol.

Water Supply—Src., wells, 5 blocks bus. cent.; sys., pump dir.; stdp. cap., 60,000 gals., dim. 20 x 25, mat. stl.; 3 pump. eng., cap. day, 1,000,000 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 37 hyd.; 40 v.; 210 met.; 225 serv.; pipe, galv. i.; pres., dom. 40 to 65 lbs., f. 110 lbs.; cons. day, 40,000 gals.; cost, \$36,000; cost mtce., \$1,350; wks. owned by city.

MT. STERLING, p. 1,986; f. area, 2 blocks; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose wag., 1 hose car., 2 hrs.; hose, cotton, rub. lined, gd., 1,000 ft.; f. al. bell; val. equip., \$600; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 26, pd. part time.

Water Supply—Src., artesian wells, 1 block bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 38,000 gals., dim. 12 x 40, mat. bk. & stl.; res. cap., 1,500,000 gals., loc. $\frac{1}{2}$ m. southeast city; 2 pump. eng., class dup., cap. day, 554,400 gals.; mains, c. i., 2 $\frac{1}{2}$ m., 4 to 8 in. dia.; 36 hyd.; 11 v.; 125 serv.; 96 met.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 20,000 gals.; cost, \$10,000; cost mtce., \$1,200; wks. owned by city.

MT. VERNON, p. 8,007; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 hose wag., 2 hrs.; hose, cot., gd., 3,000 ft.; f. al., elec., 9 bx.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$2,000; tot. mem., 8, pd. full time; undra. rating, third class.

Water Supply—Src., lakes; sys., pump dir.; res. cap., 350,000,000 gals.; stdp. cap., 150,000 gals.; 4 pump. eng., class comp. dup., cap. day 4,500,000 gals.; mains, c. i., 16 $\frac{1}{4}$ m., $\frac{3}{4}$ to 12 in. dia.; 90 hyd.; 1,200 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 to 125 lbs.; cons. day, 500,000 gals.; cost, \$97,000; cost mtce., \$2,500; wks. owned by Co.

MOWEAQUA, p. 1,513. F. dept.—Not reported.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to stdp.; cap., 50,000 gals.; dim., 52 x 13; mat., bk. & stl.; 1 pump. eng., cap. day, 200,000 gals.; mains, 4 m., 4 & 6 in. dia.; 65 met.; 32 hyd.; pipe, iron; pres., dom. 15 lbs., f. 30 lbs.; cons. day, 30,000 gals.; cost, \$15,000; cost mtce., \$900; wks. owned by city.

MURPHYSBORO, p. 7,845; f. area, 24 sq. blocks; merc. bldgs., bk., stn. & conc., 1 to 3 stor.; priv., bk., stn., conc. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. str., 1 comb. c. & h. wag., 1 supply wag., 1 chief's buggy, 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., telp.; exp. dept., \$2,562.31; tot. mem., 44, pd. full time 4, vol. 40.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 185,000 gals.; dim., 25 x 50; cap. plant, 3,000,000 gals.; 3 pump. eng., combined cap. day 4,500,000 gals.; mains, 10 m., 4 to 12 in. dia.; 97 hyd.; met., 15; 500 serv.; pres., dom. 40 to 60 lbs., f. 100 to 125 lbs.; cons. day, 1,500,000 gals.; cost, \$160,000; wks. owned by Co.

NAPERVILLE, p. 3,449; f. area, 40 a.; merc. bldgs., stn., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., c. wag., 3 hose carts; hose, rub., gd., 3,500 ft.; f. al., bell & wh.; val. bldgs., \$4,000; exp. dept., \$300; tot. mem., 66, pd. full time 5, 61 vol.

Water Supply—Src., well, 1 block bus. cent.; sys., pump to res., stdp. & dir.; stdp. cap., 100,000 gals.; mat., metal; res. cap., 110,000 gals.; 1 pump. eng., class stn.; mains, metal, 12 m., 4 to 12 in. dia.; 125 hyd.; 608 serv.; pipe, lead; pres., dom. 65 lbs., f. 125 lbs.; cost, \$52,000; wks. owned by city.

NASHVILLE, p. 2,135; f. area, 320 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 gasoline eng., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., 2,000 ft.; f. al., bell; val. equip., \$6,500; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 16 vol.; undra. rating, third class.

Water Supply—Src., wells & cisterns; 2 pump. eng.; cost, \$8,000; wks. owned by city.

NAUVOO, p. 1,020; f. area, 400 a.; merc. bldgs., bk., iron & wd., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 3 c. eng., 10 c. hand ex., 1 h. & l. trk., supply wag., 1 hose car., reels, &c.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell & wh.; val. equip., \$2,200; val. bldgs., \$250; exp. dept., \$1,300; tot. mem., 50 vol.; undra. rating, third class.

Water Supply—Src., cisterns in bus. cent.; mains, c. i., 5 m.; 32 hyd.

NEPONSET, p. 542. F. dept.—1 h. & l. trk., 2 hose reels, 500 ft. hose; f. al., bell; tot. mem., 66 vol.

NEW ATHENS, p. 1,131. F. dept.—10 c. ex., 1 hand eng., 1 h. & l. trk.; hose, 650 ft.; tot. mem., 60 vol.

Water Supply—Src., riv., 1-10 m., bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals.; 1 pump. eng., cap. 72,000 gals. day; mains, c. i., $\frac{5}{8}$ m., 4 to 8 in. dia.; 32 hyd.; 8 v.; 4 met.; 250 serv.; pres., dom. 55 lbs., f. 120 lbs.; cons. day, 45,000 gals.; cost, \$30,000; cost mtce., \$1,000; wks. owned by city.

NEW HOLLAND, p. 287. F. dept.—600 ft. hose; telp. & bell al.; vol.

NEWTON, p. 2,108; f. area, 1 $\frac{1}{2}$ a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,500; exp. dept., \$700; tot. mem., 16 vol.

Water Supply—Src., riv., 300 yds. bus. cent.; sys., pump dir.; pump. eng., cap. day 5,000,000 gals.; mains, iron, 5 m., 4 to 8 in. dia.; 85 hyd.; 30 serv.; pres., dom. 60 lbs.; f. 200 lbs.; cost, \$6,000.

NOKOMIS, p. 1,872; f. area, 100 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 2 hose wag.; hose, rub., gd., 1,200 ft.; f. al., bell; tot. mem., 18 vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 45,000 gals.; dim., 13 x 52; mat., iron; pump. eng., cap. day 240,000 gals.; mains, 2½ to 4 in. dia.; 19 hyd.; 67 serv.; pipe, iron; pres., dom. 80 lbs.; f. 100 lbs.; cons. day, 15,000 gals.; cost, \$13,000; cost mtce., \$850; wks. owned by city.

NORMAL, p. 4,024; f. area, 2,560 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 comb. c. & h. wag., 1 hose car., 3 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 400 ft.; inf., 300 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$200; exp. dept., \$1,260; tot. mem. 12, pd. full time 1, vol. 11.

Water Supply—Src., 3 wells, ¼ m. bus. cent.; sys., pump to stdp. & res.; stdp. cap., 50,000 gals.; dim., 13 x 50; mat., stl.; res. cap., 190,000 gals.; 1 pump. eng., class trip., cap. day 1,500,000 gals.; mains, c. i., 15 m., 4 to 12 in. dia.; 116 hyd.; 75 v.; met., 850; 850 serv.; pipe, lead; pres., dom. 50 lbs.; f. 120 lbs.; cons. day, 380,000 gals.; cost, \$40,000; cost mtce., \$5,000; wks. owned by city.

NORTH CHICAGO, p. 4,800. F. dept.—1 hose wag., 2 hose carts, 2 hrs.; val. equip., \$2,500; exp. dept., \$2,800; tot. mem. 9, pd. full time 1, vol. 8.

Water Supply—Src., Lake Michigan; sys., grav.; 2 pump. eng., cap. day 700,000 gals.; 145 hyd.; pres., dom. 40 lbs.; f. 70 lbs.; wks. owned by city.

OAK PARK, p. 20,000; f. area, 4½ sq. m.; merc. bldgs., bk. & wd., all 4 stor.; priv., bk. & wd., all 4 stor.; wd. rfa. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 comb. c. & h. wag., 1 h. & l. trk., 2 hose wag., 6 hrs.; hose, cot., lined, 2,900 ft.; f. al., Gamewell, 26 bx. & telp.; val. equip., \$11,900; val. bldgs., \$75,000; tot. mem. 13, pd. full time; exp. dept., \$43,000.

Water Supply—Src., wells, in bus. cent.; sys., pump to res. & dir.; res. cap., 5,000,000 gals.; loc. at station; stdp. cap., 88,000 gals.; 1 pump. eng., size 15 x 25 x 34, & 2 centrif. motor-driven pumps, combined cap. day 10,000,000 gals.; mains, c. i., 47.27 m., 4 to 24 in. dia.; 243 v.; 451 hyd.; met., 3,121; 3,797 serv.; pipe, lead; pres., dom. 40 lbs.; f. 60 lbs.; cons. day, 1,180,000 gals.; wks. owned by Co.

OAKLAND, p. 1,200; f. area, 40 a. F. dept.—2 hose carts; 800 ft. hose; ladders; tot. mem., 16, vol.

No waterwks.

OAKVILLE, p. 544. F. dept.—1 hand eng., 1 hose cart; hose, 500 ft.; f. al., bell.

Water Supply—Src., wells & cisterns.

ODELL, p. 1,035; merc. bldgs., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 10 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose reels; hose, gd., 1,000 ft.; f. al., wh.; mem., vol.

Water Supply—Src., drilled well in cent. village; sys., air lift stdp., cap. 45,000 gals.; mat., wd. tank, stl. tower; res. cap., 50,000 gals.; pump; mains, wrt. l.; 200 v.; pres., f. 150 lbs.; cons., 30,000 gals.; cost, \$10,000; wks. owned by city.

ODIN, p. 1,180; f. area, 90 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 12 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell & wh.; val. equip., \$1,400; tot. mem., 20 vol.

Water Supply—Src., wells, cisterns & res.

O'FALLON, p. 2,018; f. area, 350 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 25 c. hand ex., 1 h. & l. trk., 1 hose reel; hose, cot.,

rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$75; tot. mem., 24 vol.

Water Supply—Src., wells; sys., grav., pump dir.; 1 pump. eng., class dup., size 14 x 8½ x 12, 10 x 6 x 10, cap. day 698,000 gals.; mains, c. i., 2½ m., 4 in. dia.; 24 hyd.; met., 3; pres., dom. 40 lbs.; f. 100 lbs.; cons. day, 60,000 gals.; wks. owned by Co.

OHIO, p. 527. F. dept.—1 h. & l. trk., 800 ft. hose; wh. & bell al.; vol.

OLNEY, p. 5,011; f. area, 1,280 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 150 ft.; tot. hose, 1,150 ft.; f. al., bell; val. equip., \$5,500; val. bldgs., \$2,000; exp. dept., \$1,000; tot. mem., 15 vol.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 48,000 gals.; loc. in cent. city; mat., bk. & stl.; res. cap., 250,000 gals.; loc. 2½ m. northwest city; 2 pump. eng., class dup. comp., cap. day 2,220,000 gals.; mains, iron, 16½ m., 4 to 10 in. dia.; 61 hyd.; met., 200; pres., dom. 60 lbs.; f. 70 lbs.; cons. day, 250,000 gals.; cost, \$29,000; cost mtce., \$2,500; wks. owned by city.

ONARGA, p. 1,273; f. area, 160 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. not perm. in f. area; causes of f. inv. F. dept.—2 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., lined, gd., 1,000 ft.; f. al., 3 bells; val. equip., \$1,500; val. bldgs., \$350; tot. mem. 12, pd. part time.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res.; res. cap., 55,000 gals.; 2 comp. stm. & air dup. pump. eng., cap. day 25,000 gals.; mains, 14 m., 6 in. dia.; 16 v.; 145 met.; 200 hyd.; 25 serv.; pres., dom. 45 lbs.; cons. day, 250,000 gals.; cost, \$9,000; wks. owned by Co.

OQUAWKA, p. 907; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1½ stor.; wd. rfa. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. hand ex., 1 hose wag.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 32 vol.

Water Supply—Src., riv. & wells; tank, 30 ft.

ORANGEVILLE, p. 370. F. dept.—1 hose cart, 700 ft. gd. hose; vol.

Water Supply—Src., wells; sys., dir. pres.; res. cap., 53,000 gals.; mains, 1 m., 4 to 6 in. dia.; 18 hyd.; wks. owned by town.

OREGON, p. 2,180; f. area, 640 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & l. trk., 4 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; exp. dept., \$200; tot. mem. 12, pd. part time.

Water Supply—Src., well; sys., pump to res.; res. cap., 1,500,000 gals.; pump. eng., cap. day 1,500,000 gals.; mains, 6 m., 4, 6 & 8 in. dia.; 60 hyd.; 15 v.; met., 10; 247 serv.; pipe, lead; pres., f. 90 lbs.; cons. day, 400,000 gals.; cost, \$45,000; cost mtce., \$3,000; wks. owned by city.

OTTAWA, p. 9,535; f. area, 60 a.; merc. bldgs., bk., 2 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 stm. f. eng., 1 h. & l. trk., 2 hose wag., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 2,450 ft.; fair, 1,500 ft.; tot. hose, 3,950 ft.; f. al., bell, elec., 28 bx.; val. equip., \$7,750; val. bldgs., \$4,000; exp. dept., \$7,712; tot. mem. 29, pd. full time 4, 25 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 125,000 gals.; dim., 20 x 100; mat., stl.; res. cap., 1,250,000 gals.; loc. at pump. station; 3 pump. eng.; mains, c. i., 27 m., 4 to 16 in. dia.; 174 hyd.; 168 v.; met., 1,600; 1,600 serv.; pipe, lead; pres., dom. 80 lbs.; f. 100 lbs.; cost, \$160,000; cost mtce., \$19,000; wks. owned by city.

PALATINE, p. 1,144; f. area, 6,500 a.; merc. bldgs., wd., 3 stor.; priv., wd., 2 & 2½ stor.; wd. rfa. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; val. equip., \$1,000; tot. mem. 18, pd. full time.

Water Supply—Src., wells, 1,000 ft. bus. cent.; sys., pump from res. to stdp.; stdp. cap., 75,500 gals.; dim., 95 x 12 ft.; loc. 2,000 ft. east town;

mat., c. l.; res. cap., 38,000 gals.; loc. at station; 2 pump. eng., cap. day 750,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 52 hyd.; met., 160; 170 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 140 lbs.; cons. day, 75,000 gals.; cost mtce., \$800; wks. owned by city.

PANA, p. 6,055; f. area, 1,000 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 c. hand ex., 1 comb. hose & l. wag., 4 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., elec., Gamewell, 15 bx.; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$1,200; tot. mem. 15, pd. part time.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 265,000 gals.; dim., 20 x 100; mat., iron; 2 pump. eng., cap. day 1,600,000 gals.; mains, 10 m., 10, 6 & 4 in. dia.; 87 hyd.; met., 100; 442 serv.; pres., dom. 50 lbs., f. 60 lbs.; cons. day, 200,000 gals.; cost, \$53,000; cost mtce., \$1,500; wks. owned by city.

PARIS, p. 7,664; f. area, 2,000 a.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 comb. c. & h. wag., 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 700 ft.; inf., 700 ft.; tot. hose, 3,400 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$3,500; tot. mem. 6, pd. full time.

Water Supply—Src., creek, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 106,000 gals.; dim., 22 x 30; mat., stl.; res. cap., 100,000,000 gals.; 3 pump. eng., cap. day, 1,800,000 gals.; mains, c. l., 25 m., 4 to 12 in. dia.; 210 hyd.; 107 v.; met., 14; 800 serv.; pres., dom. 50 lbs., f. 125 lbs.; cost, \$80,000; cost mtce., \$8,000; wks. owned by city.

PAW PAW, p. 800; f. area, 20 a. F. dept.—2 hose carts, 800 ft. hose; val. equip., \$500; vol.

Water Supply—Src., deep well, 1 m. bus. cent.; sys., grav. & dir.; 2 pump. eng., cap. day 1,000,000 gals.; 30 hyd.; pres., dom. 50 lbs., f. 100 lbs.; cost, \$15,000; cost mtce., \$1,500; wks. owned by city.

PAWNEE, p. 1,399. F. dept.—1 c. eng., 300 ft. gd. hose; vol.

Water Supply—Src., wells & cisterns.

PAXTON, p. 2,912; f. area, 360 a.; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 4 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 hose wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; rub. gd., 500 ft.; inf., 300 ft.; tot. hose, 3,000 ft.; f. al., wh. & telp.; val. equip., \$4,000; val. bldgs., \$6,000; exp. dept., \$600; tot. mem., 10 vol.; undrs. rating, second class.

Water Supply—Src., wells; sys., pump to res.; res. cap., 64,000 gals.; pump. eng., cap. day 70,000 gals.; mains, $1\frac{1}{2}$ m., 4 to 6 in. dia.; 25 hyd.; 5 v.; met., 10; 600 serv.; pipe, c. l.; pres., dom. 35 lbs., f. 45 lbs.; cons. day, 50,000 gals.; cost, \$14,000; cost mtce., \$500; wks. owned by city.

PEARL CITY, p. 485; f. area, 15 a. F. dept.—12 c. hand ex., 2 hose carts; hose, 1,000 ft.; val. equip., \$700; tot. mem., 28 vol.

Water Supply—Src., wells, with pres. to stdp.; 1 trip. pump; cost mtce., \$500; wks. owned by city.

PECATONICA, p. 1,022; f. area, 120 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 3 hose car. reels, &c.; hose, cot., rub. lined, gd., 200 ft.; rub. gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,400 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$500; tot. mem. 18, pd. full time 1, vol. 17.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 25,600 gals.; pump. eng., cap. day 160,000 gals.; mains, 4,000 ft., 4 to 8 in. dia.; 10 hyd.; 5 v.; pres., f. 55 lbs.; cost, \$8,614.92; cost mtce., \$400; wks. owned by city.

PEKIN, p. 9,897; f. area, 2,640 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str. in reserve, 4 c. hand ex., 2 hose wag., 2 hose carts, 4 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; rub. gd., 100 ft.; inf., 2,000 ft.; tot. hose, 6,600 ft.; f. al.,

Gamewell, 19 bx. & 55 telp. stations used with transmitter on f. al. circuit; val. equip., \$15,000; val. bldgs., \$12,000; exp. dept., \$11,032.24; tot. mem. 10, pd. full time 5, pd. part time 5.

Water Supply—Src., wells in bus. cent.; sys., pump to stdp.; stdp. cap., 127,000 gals.; dim., 20 x 55; pump. eng., cap. day 3,750,000 gals.; mains, c. & galv. i., 21 m., 4 to 14 in.; wrt. l., 12 m., 1 & 2 in. dia.; 184 hyd.; 125 v.; met., 250; 2,050 serv.; pipe, c. & galv. i.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 1,800,000 gals.; cost, \$220,000; wks. owned by Co.

PEORIA, p. 66,950; f. area, 5,741 a.; merc. bldgs., stn., bk. & wd., 1 to 12 stor.; priv., bk. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. pump & hose wag., 1 auto. comb. c. & h. wag. & trk., 1 auto. chief's car., 2 str., 1 c. eng., 12 c. hand ex., 2 h. & l. trk., 1 aer. trk., 7 hose wag., 2 comb. c. & h. wag., 38 hrs. (in reserve, 1 str., 2 hose car., 1 h. & l. trk.); hose, cot., rub. lined, gd., 20,000 ft.; f. al., Gamewell, 90 bx.; val. equip., \$85,000; val. bldgs., \$115,400; exp. dept., \$110,745; tot. mem. 84, pd. full time.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump to res. & dir.; res. cap., 19,000,000 gals.; loc. 1 m. northwest station; 4 pump. eng., class ver. comp. dup., size 25 x 50, 21 x 37, & triple expansion, cap. day 31,600,000 gals.; mains, c. l., 112 m., 4 to 30 in. dia.; 1,376 hyd.; 950 v.; met., 400; 12,323 serv.; pipe, lead; pres., dom. 40 to 120 lbs., f. 40 to 120 lbs.; cons. day, 8,000,000 gals.; wks. owned by Co.

PEOTONE, p. 1,207; f. area, 80 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor. No org. f. dept.; 10 c. hand ex., 3 hose car.; hose, rub. gd., 1,000 ft.; val. bldgs., \$200; 12 vol.

Water Supply—Src., wells, 1,200 ft. bus. cent.; sys., grav., pump dir.; stdp. cap., 60,000 gals.; dim., 22 x 24; mat., bk. & wd.; 1 pump. eng., cap. day 40,000 gals.; mains, c. l., 2 $\frac{1}{2}$ m., 6 & 4 in. dia.; 22 hyd.; 6 v.; met., 220; 230 serv.; pipe, galv. & wrt. i.; pres., dom. & f., 45 lbs.; cons. day, 40,000 gals.; cost, \$10,000; wks. owned by city.

PERU, p. 7,984; f. area, 640 a.; merc. bldgs., stn., wd. & bk., 1 to 5 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 700 ft.; tot. hose, 2,200 ft.; f. al., elec., 39 bx.; val. bldgs., \$10,000; exp. dept., \$2,500; tot. mem. 18, pd. full time 1, pd. part time 12; undrs. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 200,000 gals.; dim., 18 x 100; mat., stl.; res. cap., 350,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, c. l., 17 m., 4 to 14 in. dia.; 108 hyd.; 42 v.; met., 1,200; 1,200 serv.; pipe, galv. i.; pres., dom. 35 to 102 lbs., f. 125 to 140 lbs.; cons. day, 600,000 gals.; cost, \$90,000; cost mtce., \$6,000; wks. owned by city.

PETERSBURG, p. 2,587; merc. bldgs., bk. & stn., 2 stor.; priv., bk. & stn., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—25 c. hand ex., 1 hose wag., 1 hose reel, 2 hrs.; hose, rub. gd., 1,000 ft.; f. al., wh.; tot. mem., 7, vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 200,000 gals.; dim., 30 x 35; 2 pump. eng., cap. day 2,500,000 gals.; mains, $5\frac{1}{2}$ m., 4 to 10 in. dia.; 63 hyd.; met., 10; 300 serv.; pres., dom. 60 lbs., f. 80 lbs.; cons. day, 700,000 gals.; cost, \$38,000; cost mtce., \$2,000; wks. owned by city.

PINCKNEYVILLE, p. 2,722; f. area, 240 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area. F. dept.—1 h. & l. trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; exp. dept., \$169; tot. mem., 10 vol.

Water Supply—Src., lake & riv., $1\frac{1}{2}$ m. bus. cent.; sys., pump dir.; stdp. cap., 39,750 gals.; dim., 15 x 36; mat., iron; 2 pump. eng., class dup., cap. day 2,000,000 gals.; mains, c. l., 6 m., 4 to 6 in. dia.; 42 hyd.; 21 v.; met., 15; 500 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 150 lbs.; cons. day, 500,000 gals.; cost, \$25,000; cost mtce., \$2,200; wks. owned by city.

PITTSFIELD, p. 2,095; f. area, 480 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd.

ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 8 c. hand ex., 1 h. & l. trk., 8 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$13,000; exp. dept., \$400; tot. mem., 42 vol.; undrs. rating, second class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 48,000 gals.; dim., 30 x 10; mat., iron; pump. eng., cap. day 24,000 gals.; mains, 1 m., 6 in. dia.; 15 hyd.; pres., f. 55 lbs.; cost, \$25,000; cost mtce., \$650; wks. owned by town.

PLAINFIELD, p. 1,009; f. area, 5 a.; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. ris. not perm. F. dept.—1 hand eng., 1 c. eng., 20 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, linen, gd., 600 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$75,000; exp. dept., \$25; tot. mem., 28 vol.

Water Supply—Src., well, 1 block bus. cent.; sys., pump to res. & dir.; stdp. cap., 60,000 gals.; pump. eng., cap. day 115,200 gals.; mains, c. i., 2 m., 4 to 8 in. dia.; 23 hyd.; 40 serv.; pres., dom. 40 lbs., f. 50 lbs.; cost, \$10,000; cost mtce., \$150; wks. owned by village.

PLANO, p. 1,827; f. area, 332 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$2,600; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 25, pd. part time.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 80,000 gals.; res. cap., 60,000 gals.; pump. eng., cap. day 180,000 gals.; mains, 6 m., 4 to 6 in. dia.; 25 hyd.; 800 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 80 lbs.; cons. day, 90,000 gals.; cost, \$25,000; cost mtce., \$500; wks. owned by city.

PLYMOUTH, p. 1,300; f. area, 10 a. F. dept.—Hose cart & ladders; val. equip., \$500; vol.; no waterwks.

POLO, p. 1,828; f. area, 1,000 a.; merc. bldgs., mostly bk., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 700 ft.; rub. gd., 700 ft.; inf., 100 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$800; tot. mem., 20, pd. full time 1, vol. 19.

Water Supply—Src., well; sys., pump to res. & dir.; stdp. cap., 27,000 gals.; dim., 11 x 36; mat., stl.; res. cap., 30,000 gals.; 2 pump. eng., class dup., cap. day 625,000 gals.; mains, 5½ m., 4 to 8 in. dia.; 37 hyd.; met., 5; 325 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 50 to 100 lbs.; cons. day, 75,000 gals.; cost, \$27,000; cost mtce., \$1,100; wks. owned by city.

PONTIAC, p. 6,090; f. area, 1,000 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 2 hose wag., 2 hose carts, 4 hrs.; hose, rub. gd., 1,800 ft.; inf., 1,000 ft.; tot. hose, 2,800 ft.; f. al., elec. & Gamewell, 24 bk.; val. equip., \$8,500; val. bldgs., \$10,000; exp. dept., \$1,500; tot. mem., 11, pd. part time.

Water Supply—Src., riv., ¾ m. bus. cent.; sys., pump to stdp.; mains, c. i., 9 m., 4 to 12 in. dia.; 68 hyd.; 12 v.; met., 781; 947 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 910,000 gals.; cost, \$90,000; cost mtce., \$500; wks. owned by Co.

POTOMAC, p. 1,000; f. area, 100 a. F. dept.—1 auto. str.; val. equip., \$1,600; val. bldgs., \$2,500; tot. mem., 16 vol.; undrs. rating, fifth class.

Water Supply—Src., cisterns, 1 m. bus. cent.; sys., grav.; cost, \$3,500; wks. owned by city.

PRINCETON, p. 4,131; f. area, 400 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng. on wks., 10 c. hand ex., 2 h. & l. trk., 1 auto. h. & l. trk., 2 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 2,400 ft.; rub. gd., 200 ft.; inf., 900 ft.; tot. hose, 3,500 ft.; f. al., wh.; val. equip., \$10,000; val. bldgs., \$35,000; exp. dept., \$850; tot. mem., 45 vol.

Water Supply—Src., well; sys., pump to res. & stdp.; stdp. cap., 55,000 gals.; dim., 14 x 50; res.

cap., 160,000 gals.; 2 pump. eng., class comp. dup., cap. day 656,000 gals.; mains, 9¼ m., 4 to 8 in. dia.; 119 hyd.; 38 v.; met., 25; 1,000 serv.; pipe, galv. i.; pres., dom. 35 to 40 lbs., f. 125 lbs.; cons. day, 65,000 gals.; cost, \$90,000; cost mtce., \$4,500; wks. owned by city.

PROPHETSTOWN, p. 1,083; bldgs., wd., 2 stor.; fwks. & combt. ord. F. dept.—2 c. eng., 2 hose carts; hose, rub. gd., 800 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$600; tot. mem., 15 vol.; undrs. rating, fourth class.

Water Supply—Src., wells.

PULLMAN.—Now part of the city of Chicago.

Water Supply—Src., lakes, 6 m. bus. cent.; sys., pump dir., water brought by met. from Chicago; mains, 18 m., 4 to 15 in. dia.; 135 hyd.; pres., dom. 25 to 35 lbs., f. 50 lbs.; cost, \$225,000; wks. owned by city of Chicago.

QUINCY, p. 36,587; f. area, 3,640 a.; merc. bldgs., bk. & stn., 2 to 5 stor.; priv., bk. & stn., 2 & 3 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 str., 2 comb. c. & h. wag., 1 c. eng., 12 c. hand ex., 1 aer. trk., 5 supply wag., 5 hose car., 31 hrs., 1 auto. comb. c. & h. wag., 1 chief's auto.; hose, cot., rub. lined, gd., 9,500 ft.; fair, 2,350 ft.; tot. hose, 11,850 ft.; f. al., telp.; val. equip., \$49,135; val. bldgs., \$80,000; exp. dept., \$46,975; tot. mem., 48, pd. full time 43, pd. part time 5.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to res.; res. cap., 20,000,000 gals.; loc. 3½ m. station; 6 pump. eng., comb. cap. day 38,000,000 gals.; mains, c. i., 66 m., 4 to 20 in. dia.; 407 hyd.; 568 v.; met., 3,514; 6,246 serv.; pipe, galv. i. & lead; pres., dom. 40 to 115 lbs., f. 40 to 115 lbs.; cons. day, 2,000,000 gals.; wks. owned by Citizen Waterwks. Co.

RANSOM, p. 370. F. dept.—600 ft. hose; vol.

RANTOUL, p. 1,384; f. area, 360 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. on wks.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 300 ft.; tot. hose, 1,300 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$10,000; exp. dept., \$200; tot. mem., 12 vol.

Water Supply—Src., wells; res. cap., 75,000 gals.; 2 pump. eng., cap. day 450,000 gals.; mains, 6 m., 8 in. dia.; 12 hyd.; 500 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 50 to 100 lbs.; cons. day, 75,000 gals.; cost, \$12,000; cost mtce., \$1,200; wks. owned by city.

REDBUD, p. 1,240; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,050 ft.; f. al., bell; val. equip., \$3,000; exp. dept., \$125; tot. mem., 80 vol.

Water Supply—Src., wells & cisterns.

RIVERSIDE, p. 1,702. F. dept.—Not reported.

Water Supply—Src., 2 wells in cent. village; sys., air lift, stdp., cap. 100,000 gals.; dim., 36 x 16 ft.; mat., bk. tower, tank wd.; res. cap., 250,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 17 m., 12 to 4 in. dia.; hyd., 121; v. 30; met., 330; pipe, c. i.; pres., dom. 35 lbs., f. 85 lbs.; cons. day, 280,000 gals.; cost, \$150,000; cost mtce., \$4,200; wks. owned by village.

RIVER FOREST, p. 2,456. F. dept.—Not reported.

Water Supply—Src., artesian well, in bus. cent.; sys., pump to stdp.; stdp. cap., 54,000 gals.; dim., 12 x 60 ft.; mat., bk. & l.; res. cap., 22,500 gals.; 2 pump. eng., class dup., cap. day 36,000 gals.; mains, c. i., 30 m., 12 to 4 in. dia.; 110 hyd.; 80 v.; 630 met.; 630 serv.; pres., dom. 35 lbs., f. 90 to 105 lbs.; cost, \$930,000; cost mtce., \$9,300; wks. owned by village.

RIVERTON, p. 1,911; f. area, 640 a. F. dept.—1 h. & l. trk., 2 c. eng., 800 ft. hose; 8 vol.

Water Supply—Src., wells & cisterns.

ROANOKE, p. 1,311; f. area, 12 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 hose car.; hose, rub. gd., 200 ft.; f. al., bell & wh.; val. equip., \$250; val. bldgs., \$50.

Water Supply—Src., wells.

ROBINSON, p. 3,863; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. ris. not perm.; fwks. & combt. ord. No org. f. dept.—

1 h. & 1. trk., 3 hose wag.; hose, cot., rub. lined, gd., 900 ft.; val. equip., \$500; val. bldgs., \$300.
 Water Supply—Src., Wabash riv., res. & tank, 2 blocks bus. cent.; stdp. cap., 75,000 gals.; mat., stl.; res. cap., 50,000 gals.; 8 pump. eng., class comp., cap. day 2,000,000 gals.; mains, iron, 4 m.; 54 hyd.; 35 v.; met., 50 pres., dom. 50 lbs., f. 100 lbs.; wks. owned by Co.

ROCHELLE, p. 2,732; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 h. & 1. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 750 ft.; inf., 500 ft.; tot. hose, 2,250 ft.; f. al., wh.; val. equip., \$7,500; val. bldgs., \$3,000; exp. dept., \$300; tot. mem., 19, pd. full time 2, vol 17; undrs. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 240,000 gals.; 2 pump. eng., cap. day 800,000 gals.; mains, 16 m., 4 to 6 & 8 in. dia.; 80 hyd.; met., 600; 676 serv.; pres., dom. 50 lbs., f. 90 lbs.; cost, \$60,000; cost mtce., \$5,000; wks. owned by city.

ROCK FALLS, p. 2,657; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & 1. trk., 1 hose wag., 4 hose car., 2 hrs., 2 c. hand ex.; hose, cot., rub. lined, 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., Gamewell, 2 bx. & telp.; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$2,200; tot. mem., 21, pd. full time 2, vol. 19; undrs. rating, third class.

Water Supply—Src., supplied by Sterling.

ROCKFORD, p. 45,401; f. area, 8 a.; merc. bldgs., stn., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 7 comb. c. & h. wag., 1 comb. h. & 1. trk. & c. eng., 11 c. hand ex., 1 h. & 1. trk., 22 hrs.; hose, cot., rub. lined, gd., 11,800 ft.; inf., 1,425 ft.; tot. hose, 12,725 ft.; f. al., Gamewell, 83 bx.; val. equip., \$26,794; val. bldgs., \$56,800; exp. dept., \$84,804; tot. mem. 42, pd. full time; undrs. rating, first class.

Water Supply—Src., wells; sys., pump dir. to mains; res. cap., 2,000,000 gals.; pump. eng., cap. day 20,000,000 gals.; mains, c. i., 107.77 m., 2 to 30 in. dia.; 649 hyd.; 1,262 v.; met., 8,116; 8,778 serv.; pipe, lead & c. i.; pres., dom. 67 lbs., f. 90 lbs.; cons. day, 3,878,816 gals.; cost, \$750,499; cost mtce., \$47,158; wks. owned by city.

ROCK ISLAND, p. 24,835; f. area, 1,280 a.; merc. bldgs., stn. & bk., 2 to 6 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & 1. trk., 3 hose wag., 9 hrs.; hose, cot., rub. lined, gd., 4,875 ft.; inf., 500 ft.; tot. hose, 5,375 ft.; f. al., Gamewell, 52 bx.; val. equip., \$7,450; val. bldgs., \$55,000; exp. dept., \$20,000; tot. mem. 20, pd. full time 19, pd. part time 1.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., grav., pump to stdp.; stdp. cap., 500,000 gals.; mat., stl.; res. cap., 10,220,000 gals.; loc. at 22d st. & 16th av.; 2 pump. eng., cap. day 8,000,000 gals.; mains, c. i., 51 m., 4 to 20 in. dia.; 350 hyd.; 250 v.; met., 1,000; 5,000 serv.; pipe, lead; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 3,325,000 gals.; cost, \$900,000; cost mtce., \$40,000; wks. owned by city.

ROCKTON, p. 841; f. area, 15 a.; bldgs., bk., stn., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 2 hose carts, 2 h. & 1. trk., 4 c. ex., 1 hose reel, 1,000 ft. hose; f. al., wh.; val. equip., \$1,125; val. bldgs., \$2,000; tot. mem., 25 vol.

Water Supply—Wells; pump; mains, $\frac{1}{2}$ m., 6 in. dia.; 7 hyd.; pres., 45 lbs.

ROODHOUSE, p. 2,171; f. area, 6 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; combt. ord. F. dept.—1 hand eng., 1 hose wag.; hose, cot., rub. lined, gd., 300 ft.; inf., 200 ft.; tot. hose, 500 ft.; f. al., bell; val. equip., \$900; tot. mem., 20 vol.

Water Supply—Src., wells.

ROSEVILLE, p. 882; merc. bldgs., bk.; wd. rfs. not perm. in f. area. F. dept.—1 c. eng., 1 h. & 1. trk., 2 hose car.; hose, 1,700 ft.; f. al., telp.; tot. mem. 26, pd. part time.

Water Supply—Src., well, 500 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 59,000 gals.; dim.,

10 x 100; mat., stl.; 2 pump. eng., cap. day 144,000 gals.; mains, c. i., 2 m., 4 to 8 in. dia.; 23 hyd.; 6 v.; met., 75; 50 serv.; pres., dom. 43 lbs., f. 43 lbs.; cost, \$15,000; wks. owned by city.

ROSSVILLE, p. 1,422; f. area, 600 a. F. dept.—2 hose carts, 1 ladder wag., 1,000 ft. hose; val. equip., \$2,000; exp. dept., \$500; tot. mem., 20 vol. Water Supply—Src., wells; sys., grav.; 2 pumps, cap. day 300,000 gals.; 22 hyd.; 5 v.; 1,300 ft. mains; pres., dom. 40 lbs., f. 80 lbs.; cost, \$9,000; cost mtce., \$500; wks. owned by city.

RUSHVILLE, p. 2,422; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 2 $\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 2 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 100 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$2,700; val. bldgs., \$1,250; exp. dept., \$1,150; tot. mem., 15, pd. part time.

Water Supply—Src., well, 300 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 115,000 gals.; dim., 14 x 100; mat., boiler plate; 3 pump. eng., class dup., cap. day 250,000 gals.; mains, c. i., 11 m., 4 to 10 in. dia.; 29 hyd.; met., 20; 60 serv.; pres., dom. 43 lbs., f. 150 lbs.; cost, \$300,000; cost mtce., \$1,200; wks. owned by city.

RUTLAND, p. 754. F. dept.—1 hand & c. eng., 300 ft. hose; telp., wh. & bell al.; 17 vol.

SALEM, Marion Co., p. 2,669. F. dept.—1 hose cart, 1 hand pump; val. equip., \$1,200; tot. mem., 16 vol.

Water Supply—Src., wells; 1 pump; cost mtce., \$500; wks. owned by Co.

SANDOVAL, p. 1,563; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline eng., 1 hand eng., 10 c. hand ex., 1 h. & 1. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bells; val. equip., \$2,000; exp. dept., \$60; tot. mem., 35 vol.

Water Supply—Src., wells.

SANDWICH, p. 2,557; f. area, 15 a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area. F. dept.—1 h. & 1. trk., 2 hose carts; hose, cot., rub. lined, gd., 400 ft.; rub. gd., 1,500 ft.; tot. hose, 1,900 ft.; f. al., wh.; val. equip., \$3,500; val. bldgs., \$2,500; exp. dept., \$600; tot. mem., 47 vol.

Water Supply—Src., well, 300 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 84,600 gals.; dim., 12 x 100; 2 pump. eng., class comp., cap. day 1,000,000 gals.; 65 hyd.; met., 235; 700 serv.; pres., dom. 40 lbs., f. 40 to 150 lbs.; cons. day, 175,000 gals.; cost, \$35,000; cost mtce., \$2,000; wks. owned by city.

SAVANNA, p. 3,691; f. area, 1 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 1 hose wag., 4 hose carts, 3 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; rub. gd., 1,500 ft.; inf., 1,000 ft.; tot. hose, 5,500 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$3,000; exp. dept., \$400; tot. mem., 50 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 750,000 gals.; 2 pump. eng., class comp., cap. day 2,750,000 gals.; mains, kalamain & c. i., 7 $\frac{1}{2}$ m., 4 to 10 in. dia.; 78 hyd.; met., 15; 1,000 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 85 lbs.; cons. day, 500,000 gals.; cost, \$75,000; cost mtce., \$5,000; wks. owned by city.

SENECA, p. 1,086; f. area, 80 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & 1. trk., 1 supply wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,000; tot. mem. 26, pd. full time 2, vol. 24; undrs. rating, fourth class.

Water Supply—Src., wells; sys., pump to 3 cisterns; cap., 3,000 bbls.; 9 v.; 500 serv.; pres., f. 25 lbs.

SHABBONA, p. 594. F. dept.—1 hand eng., 1 hose cart; hose, 500 ft.

Water Supply—Src., wells; sys., air lift to tanks; mains, 2 m.; 22 hyd.

SHEFFIELD, p. 1,009; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor. F. dept.—1,050 ft. hose, 1 h. & 1. trk., 1 hose car.; val. equip., \$2,600; val. bldgs., \$1,200; exp. dept., \$350; tot. mem., 85 vol.

Water Supply—Src., well, 500 ft. bus. cent.; sys. pump to stdp.; stdp. cap., 1,900 bbls.; dim., 23 x 20; mat., wd.; pump. eng., cap. day 180,000 gals.; mains, 16,000 ft.; 6 to 4 in. dia.; 83 hyd.; 90 serv.; pipe, galv. l.; pres., dom. 20 to 40 lbs.; f. 20 to 40 lbs.; cost, \$12,000.

SHELBYVILLE, p. 3,590; f. area, 600 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 2,000 ft.; tot. hose, 3,500 ft.; f. al., elec.; val. equip., \$500; val. bldgs., \$100; exp. dept., \$31; tot. mem., 45 vol.

Water Supply—Src., wells, ½ m., bus. cent.; sys. pump to res.; res. cap., 2,000,000 gals.; 2 pump. eng., class comp. dup.; cap. day, 2,500,000 gals.; mains, 11 m., 2 to 14 in. dia.; 80 hyd.; met., 450; 850 serv.; pres., dom. 50 lbs.; f. 100 lbs.; cons. day, 400,000 gals.; cost, \$46,000; cost mtce., \$4,000; wks. owned by priv. Co.

SHELDON, p. 1,143; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$2,000; tot. mem., 18 vol.

Water Supply—Src., wells; sys. pump to stdp.; stdp. cap., 1,000 bbls.; 1 pump. eng.; mains, 5 m.; 40 hyd.; cost, \$1,800; wks. owned by city.

SOMONAUCK, p. 591. F. dept.—1 h. & l. trk., 2 hose carts, 2 c. ex., 1,200 ft. hose; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells; sys. pump to res.; res. cap., 2,400 bbls.; mains, 4 m.; 40 hyd.

SPARTA, p. 3,081; f. area, 3 blocks; bldgs., bk., stn. & iron; wd. rfs. not perm. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose car.; hose, 850 ft.; f. al., wh.; tot. mem., 20 vol.

Water Supply—Src., wells & cisterns in bus. cent. sys. pump to res.; 4 m., 6 & 4 in. mains; 1 pump. eng., class dup., cap. 250 gals. min.; res. cap., 7,000 gals.; 7 hyd.; 3 met.; 60 serv.; pres., dom. & f. 40 lbs.; cons. day, 10,000 gals.; wks. owned by priv. Co.

SPRINGFIELD, p. 51,678; f. area, 4,460 a.; merc. bldgs., stn., bk. & wd., 1 to 7 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 3 comb. c. & h. wag., 2 c. eng., 12 c. hand ex., 1 h. & l. trk., 1 aer. trk., 4 hose car., 30 hrs.; hose, rub. gd., 6,500 ft.; inf., 1,500 ft.; tot. hose, 8,000 ft.; f. al., Gamewell, 104 bx.; tot. mem. 65, pd. full time.

Water Supply—Src., wells & galleries, 4 m. bus. cent.; sys. pump to res. & dir.; res. cap., 4,000,000 gals.; loc. 1½ m. northeast bus. cent.; 2 pump. eng., class vertical, trip. & comp., cap. day 15,000,000 gals.; mains, c. l., 97.6 m., 8 to 24 in. dia.; 806 hyd.; 1,584 v.; met., 116; 7,537 serv.; pipe, lead & c. l.; pres., dom. 30 lbs.; f. 60 lbs.; cons. day, 5,080,591 gals.; cost, \$1,500,000; cost mtce., \$27,000; wks. owned by city.

SPRING VALLEY, p. 7,035; f. area, 600 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 2 hose car., 4 hrs.; hose, 1,000 ft. gd., 1,500 ft. fair; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$6,000; tot. mem. 18, pd. full time 1, vol. 17.

Water Supply—Src., spr. & wells, ¼ m. bus. cent.; sys. grav. & pump to stdp.; cap., 150,000 gals.; res. cap., 50,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 4 m., 4 to 10 in. dia.; 28 hyd.; 7 v.; met., 25; 700 serv.; pipe, galv. l.; pres., dom. 40 to 80 lbs.; f. 40 to 100 lbs.; cost, \$22,000; wks. owned by city.

ST. ANNE, p. 1,065. F. dept.—1 hand eng., 1 hose wag.; hose, 1,000 ft.; f. al., bell & telp.; tot. mem. 8, pd. part time.

Water Supply—Src., well; stdp. cap., 38,000 gals.; res. cap., 14,000 gals.; pres., dom. 45 lbs., f. 95 lbs.

ST. CHARLES, p. 4,046. F. dept.—2 hose cart reels; hose, 1,500 ft.; f. al., telp. & wh.

Water Supply—Src., wells; res. cap., 100,000 gals.; 1 pump. eng., class dup., cap. day 144,000 gals.; mains, 12 m., 6 to 10 in. dia.; 79 hyd.; pres., dom. 72 lbs., f. 150 lbs.

ST. ELMO, p. 1,227; merc. bldgs., 2 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—Hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$200; tot. mem., 24 vol.

ST. FRANCISVILLE, p. 1,391. F. dept.—1 h. & l. trk., 2 c. eng., 200 ft. hose; 80 vol.

STAUNTON, p. 5,048; merc. bldgs., bk. & iron, 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area. F. dept.—30 c. hand ex., 2 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 2,800 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$8,000; exp. dept., \$200; tot. mem., 42 vol.; undra. rating, fourth class.

Water Supply—Src., wells; sys. pump dir.; stdp. cap., 54,000 gals.; dim., 16 x 32; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, 5½ m., 4 to 8 in. dia.; 35 hyd.; pipe, galv. l.; pres., dom. 60 lbs.; f. 115 lbs.; cost, \$19,500.

STERLING, p. 7,467; f. area, 60 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 comb. auto. trk., 1 h. & l. trk., 2 hose wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., Gamewell, 18 bx.; val. equip., \$18,000; val. bldgs., \$13,000; exp. dept., \$8,000; tot. mem. 15, pd. full time 5, pd. part time 10.

Water Supply—Src., wells, 1¼ m. bus. cent.; sys. pump to stdp. & dir.; stdp. cap., 235,000 gals.; dim., 20 x 100; mat., stl.; res. cap., 2,000,000 gals.; 2 pump. eng., class comp., cap. day 5,000,000 gals.; mains, c. l., 25 m., 4 to 12 in. dia.; 156 hyd.; 180 v.; met., 460; 1,232 serv.; pipe, lead & wrt. l.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 561,480 gals.; wks. owned by priv. corp.

STEWARTSON, p. 720. F. dept.—1 hand eng., 300 ft. hose; bell al.; vol.

STOCKTON, p. 1,200; f. area, 160 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 20 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$19,000; val. bldgs., \$600; exp. dept., \$100; tot. mem., 20 vol.

Water Supply—Src., well; sys. pump to res.; res. cap., 108,700 gals.; pump. eng., cap. day 216,000 gals.; mains, 8 m., 4 to 8 in. dia.; 14 hyd.; cost, \$12,000; cost mtce., \$800; wks. owned by village.

STONINGTON, p. 1,118. F. dept.—2 c. eng., 750 ft. hose; f. al., bell & wh.; vol.

STREATOR, p. 14,253; f. area, 1,280 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 patrol wag., 7 c. hand ex., 1 h. & l. trk., 1 aer. trk., 2 hose wag., 2 hose car., reels, &c., 6 hrs.; hose, cot., rub. lined, gd., 4,200 ft.; inf., 2,000 ft.; tot. hose, 6,200 ft.; f. al., Gamewell, 30 bx.; val. equip., \$12,500; val. bldgs., \$9,000; exp. dept., \$11,500; tot. mem. 10, pd. full time; undra. rating, second class.

Water Supply—Src., riv., 4 m. bus. cent.; sys. pump dir.; res. cap., 150,000,000 gals.; loc. ¼ m. station; 3 pump. eng., cap. day 8,000,000 gals.; mains, c. l., 34 m., 4 to 20 in. dia.; 280 hyd.; 201 v.; met., 421; 3,842 serv.; pipe, galv. l.; pres., dom. 45 lbs., f. 90 lbs.; cons. day, 1,600,000 gals.; cost, \$554,000; cost mtce., \$14,000; wks. owned by Co.

SUBLETTE, p. 287. F. dept.—500 ft. hose; vol.

Water Supply—Src., well, 2 blocks bus. cent.; sys. pump to stdp.; stdp. cap., 36,000 gals.; dim., 20 x 16; res. cap., 64,000 gals.; 1 pump. eng., cap. day 100,000 gals.; mains, c. l., 1 m., 4 to 6 in. dia.; 20 hyd.; met., 25; pipe, c. l.; pres., dom. 10 lbs., f. 100 lbs.; wks. owned by city.

SULLIVAN, p. 2,621; f. area, 9 blocks; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 h. & l. trk., 1 hose car.; hose, linen, gd., 500 ft.; inf., 400 ft.; tot. hose, 900 ft.; tot. mem., 46 vol.; undra. rating, second class.

Water Supply—Src., wells.

SUMNER, p. 1,500. F. dept.—1 c. hand eng.; vol.

Water Supply—Src., wells.

SYCAMORE, p. 3,926; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not

perm.; fwks. & combt. ord. F. dept.—1 h. & 1. trk. 3 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., Gamewell, 24 bx.; val. equip., \$3,500; val. bldgs., \$2,500; exp. dept., \$1,500; tot. mem., 48 vol.; undrs. rating, third class.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 165,000 gals.; res. cap., 75,000 gals.; 2 pump. eng., cap. day, 720,000 gals.; mains, c. i., 15½ m., 4 to 10 in. dia.; 122 hyd.; 144 v.; met., 648; 815 serv.; pipe, lead; pres., dom. 55 lbs., f. 100 lbs.; cons. day, 350,000 gals.; cost, \$100,000; cost mtce., \$6,000; wks. owned by priv. Co.

TAMPICO—F. dept. not reported.

Water Supply—Src., 3 wells, 1 block bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; mat., stl.; 1 pump. eng., cap. day, 400,000 gals.; mains, c. i., 9 m., 4 to 8 in. dia.; 24 hyd.; 12 v.; pipe, c. i.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$13,000; cost mtce., \$300; wks. owned by city.

TAYLORVILLE, p. 5,446; f. area, 1,920 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. ris. not perm.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; 200 ft. cot., fair; 700 ft. rub. fair; tot. hose, 1,900 ft.; val. equip., \$4,500; val. bldgs., \$3,000; exp. dept., \$2,500; tot. mem., 9. 3 pd. full time, 6 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, 6 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 36,000 gals.; dim., 20 x 110; mat., bk. & sheet i.; 2 pump. eng., class horizontal; cap. day, 1,000,000 gals.; res. cap., 50,000 gals.; mains, c. i., 35 m., 2 to 8 in. dia.; hyd.; 125 v.; met., 400; 1,100 serv.; pipe, wrt. i.; pres., dom. 60 lbs., f. 80 to 90 lbs.; cons. day, 500,000 gals.; cost, \$40,000; cost mtce., \$6,000; wks. owned by city & Co.

TENTOPOLIS, p. 592. F. dept.—1 hand eng., 1 h. & 1. trk., 600 ft. hose; 25 vol.

TISKILWA, p. 965; f. area, 300 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. ris. perm.; causes of f. inv. F. dept.—1 h. & 1. trk., 1 hose car., 3 c. eng., 1 30-gal. c. eng.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell, val. equip., \$800; val. bldgs., \$1,000; tot. mem., 16 vol.; undrs. rating, fourth class.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; mains, 2½ m.; 4 & 6 in. dia.; 25 hyd.; 22 serv.; pres., f. 48 lbs.; cost, \$6,000; cost mtce., \$100; wks. owned by village.

TOLONO, p. 760. F. dept.—1 c. hand ex., 1 h. & 1. trk., 2 hose carts; hose, 1,000 ft.; tot. mem., 20.

Water Supply—Not reported.

TOLUCA, p. 3,000; f. area, 240 a. F. dept.—1 c. eng., 2 hose reels; hose, cot., rub. lined, gd., 1,850 ft.; inf., 300 ft.; tot. hose, 2,150 ft.; val. equip., \$2,000; tot. mem., 12, pd. part time.

Water Supply—Src., well; sys., pump; 2 pump. eng., cap. day 80,000 gals.; 16 hyd.; pres., dom. 40 lbs.; cost, \$15,000; cost mtce., \$2,000; wks. owned by city.

TONICA, p. 483. F. dept.—1 h. & 1. trk., 600 ft. hose; bell al.; 75 vol.

Water Supply—Src., wells; sys., dir. pres.; mains, 1 m., 4 to 6 in. dia.; 14 hyd.; pres., dom. 60 lbs., f. 80 lbs.; wks. owned by town.

TOULON, p. 1,208. F. dept.—2 comb. c. & hose wag., 1 h. & 1. trk.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$100; vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., stdp.; stdp. cap., 68,400 gals.; dim., 22 x 24 ft.; mat., wd.; 2 pumps, cap. day 204,000 gals.; mains, c. i., 6 to 8 in. dia.; 20 hyd.; 7 v.; pres., dom. 35 lbs., f. 50 lbs.; cons. day, 270,000 gals.; cost mtce., \$700; wks. owned by city.

TREMONT, p. 782. F. dept.—1 hand eng., 1 c. eng., 16 c. ex., 1 h. & 1. trk., 1 hose car.; hose, 750 ft.; f. al., bell; tot. mem., 40, pd. part time.

Water Supply—Src., wells & cisterna.

TRENTON, p. 1,694; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 1 to 4 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 16 c. hand ex., 1 h. & 1. trk., 1 hose car.; hose, rub., gd., 1,000 ft.; f. al., bell, val. equip., \$2,500; val. bldgs., \$4,400; exp. dept., \$600; tot. mem., 34 vol.; undrs. rating, third class.

Water Supply—Src., wells & cisterna; res. cap., 400,000 gals.; pump, cap. 500 gals. min.; mains, 2 m., 8, 6, 4 in. dia.; 14 hyd.; pres., dom. 60 lbs., f. 100 lbs.

TROY, Madison Co., p. 1,447. F. dept.—1 comb. c. & h. wag., 1 hose cart, 3 c. eng.; hose, 700 ft.; f. al., wh.; tot. mem., 30 vol.

Water Supply—Src., cisterna.

TROY GROVE, p. 289. F. dept.—1 comb. c. & h. wag., 3 c. eng., 1 hose wag., 700 ft. hose; wh. al.; 30 vol.

TUSCOLA, p. 2,453; f. area, 95 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 2 c. eng., 2 c. hand ex., 1 aer. trk., 2 hose reels, 3 hrs.; hose, cot., rub. lined, gd., 900 ft.; rub., gd., 800 ft.; tot. hose, 1,700 ft.; f. al., bell & wh.; val. equip., \$5,125; val. bldgs., \$6,000; exp. dept., \$600; tot. mem., 25 vol.

Water Supply—Src., well, in bus. cent.; loc. at station; 2 pump. eng., cap. day 250,000 gals.; mains, c. i., 5 m.; 53 hyd.; 18 v.; met., 186; 60 serv.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$40,000; cost mtce., \$5,000; wks. owned by Co.

UNION, p. 432. F. dept.—2 c. hand ex., 2 h. & 1. trk., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 250 ft.; tot. hose, 1,250 ft.; f. al., elec., 4 bx.; val. equip., \$8,500; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 16, pd. part time 14, vol. 2.

URBANA, Champaign Co., p. 8,245; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 comb. c. & h. & 1. trk., 1 comb. c. & h. wag., 1 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 2,100 ft.; f. al., telp. & bell; val. equip., \$6,000; val. bldgs., \$6,000; exp. dept., \$10,000; tot. mem., 20, pd. full time 4, vol. 16; undrs. rating, second class.

Water Supply—Src., 1 m. bus. cent.; sys., pump dir.; res. cap., 1,000,000 gals.; 4 pump. eng., cap. day, 1,000,000 gals.; mains, c. i., 14 m., 4 to 8 in. dia.; 126 hyd.; 40 v.; met., 2,200; 2,800 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 80 to 125 lbs.; wks. owned by Co.

UTICA, La Salle Co., p. 1,150; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose car.; hose, cot., gd., 700 ft.; inf., 200 ft.; tot. hose, 900 ft.; val. equip., \$1,400; val. bldgs., \$1,000; exp. dept., \$300; vol.

Water Supply—Src., flowing wells.

VANDALIA, p. 2,974; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. ris. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,500; tot. mem., 31 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav., pump to stdp.; stdp. cap., 75,000 gals.; dim., 19 x 29; mat., stl.; 2 pump. eng., class gaso-line & strn., cap. day 85,000 gals.; mains, v. i., 10 m., 6 to 12 in. dia.; 60 hyd.; met., 25; pres., dom. 55 lbs., f. 75 lbs.; cost, \$50,000; cost mtce., \$1,250; wks. owned by city.

VENICE, p. 3,718; f. area, 2½ m.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 5 hose carts; hose, cot., rub. lined, gd., 4,000 ft.; f. al., bell; tot. mem., 44 vol.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump to res.; res. cap., 16,000,000 gals.; pump. eng., cap. day 12,000,000 gals.; mains, c. i., 5 m., 6 to 10 in. dia.; 67 hyd.; met., 10; pres., dom. 50 lbs., f. 80 to 100 lbs.; cost, \$250,000; cost mtce., \$3,300; wks. owned by Co.

VIRDEN, p. 4,000; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas eng., 2 hose carts; hose, cot., rub. lined, gd., 900 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$4,000; tot. mem., 13 vol.; undrs. rating, fifth class.

Water Supply—Water works to be installed.

VIRGINIA, p. 1,501; f. area, 2½ sq. m.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas eng., 1 c. eng., 1 h. & 1. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,100 ft.;

rub. gd., 500 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$600; exp. dept., \$500; tot. mem., 14 vol.; undrs. rating, third class.

Water Supply—Src., wells.

WARREN, Jo Daviess Co., p. 1,381; f. area, 400 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—9 c. hand ex., 1 h. & l. trk., 1 water tower, 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$300; tot. mem., 30 vol.; undrs. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 61,000 gals.; dim., 20 x 24; loc. 50 ft. from wells; mat., stn. & wd.; 2 pump. eng., size 12 x 36, cap. day 40,000 gals.; mains, c. l., 4 1/2 m., 4 to 10 in. dia.; 44 hyd.; 17 v.; 400 serv.; pipe, galv. i.; pres., dom. 50 lbs.; f. 120 lbs.; cons. day, 40,000 gals.; cost, \$38,000; cost mtce., \$1,650; wks. owned by city.

WARSAW, p. 2,254; f. area, 50 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng. on wls., 4 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., 1,500 ft.; f. al., bell; val. equip., \$2,300; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 100 vol.

Water Supply—Src., wells; sys., pump dir.; pump. eng.; mains, 3 m., 6 to 8 in. dia.; 36 hyd.; pump. cap. 360,000 gals. day; stdp. cap. 76,000 gals.; pres., dom. 50 to 55 lbs., f. 140 lbs.; cons. day, 60,000 gals.; cost, \$10,000; cost mtce., \$110; wks. owned by city.

WASHINGTON, Tazewell Co., p. 1,530; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 850 ft.; f. al., bell; tot. mem., 15 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 28,000 gals.; 2 pump. eng., class trip., cap. day 360,000 gals.; mains, 3 m., 4 to 6 in. dia.; 32 hyd.; 350 serv.; pres., dom. 45 lbs., f. 45 lbs.

WATERLOO, p. 2,091; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 6 c. hand ex., 4 hose reels & carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; exp. dept., \$75; tot. mem., 30 vol.

Water Supply—Src., spr. & lake, 1 1/2 m. bus. cent.; sys., pump dir. to mains; 2 pump. eng., class dup. & comp., cap. day 1,000,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 85 hyd.; met., 4; 150 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 150 lbs.; cons. day, 1,200,000 gals.; cost, \$18,000; cost mtce., \$4,000; wks. owned by city.

WATSEKA, p. 2,476; f. area, 200 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 1/2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 12 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 1,900 ft.; inf., 500 ft.; tot. hose, 2,400 ft.; f. al., wh., 2 bx.; val. equip., \$1,500; val. bldgs., \$100; exp. dept., \$200; tot. mem., 15, pd. part time.

Water Supply—Src., wells, 200 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals.; dim., 10 x 12 x 110; mat., stl.; 2 pump. eng., class dup., cap. day 700,000 gals.; mains, c. l., 12 m., 8 1/2 to 12 in. dia.; 70 hyd.; 10 v.; 300 serv.; pipe, lead & iron; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 300,000 gals.; cost, \$20,000; cost mtce., \$1,500; wks. owned by city.

WAUKEGAN, p. 16,069; f. area, 2,560 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; no fwks. ord.; F. dept.—1 auto. comb. c. & h. wag., 1 c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 3,200 ft.; f. al., elec., 50 bx.; val. equip., \$15,000; val. bldgs., \$34,000; exp. dept., \$14,215; tot. mem., 16, pd. full time 13, substitutes 3; undrs. rating, third class.

Water Supply—Src., lake, 1 1/2 m. bus. cent.; sys., grav., pump dir.; 3 pump. eng., cap. day 12,000,000 gals.; mains, c. l., 50 m., 6 to 16 in. dia.; 350 hyd.; met., 50; 3,000 serv.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 2,558,677 gals.; cost, \$190,126; cost mtce., \$16,200; wks. owned by city.

WAVERLY, Morgan Co., p. 1,538; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1

c. eng.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$850; val. bldgs., \$50; tot. mem., 16 vol.

Water Supply—Src., wells & cisterna.

WENONA, p. 1,442; merc. bldgs., bk., 1 & 1 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., wh.; val. equip., \$3,500; val. bldgs., \$6,000; exp. dept., \$500; tot. mem., 15 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 35,000 gals.; dim., 10 x 45; mat., stl.; res. cap., 75,000 gals.; pump. eng., cap. day 648,000 gals.; mains, 8,000 ft., 4 to 8 in. dia.; 27 hyd.; pres., dom. 35 to 45 lbs., f. 45 lbs.; cost, \$22,000; cost mtce., \$300; wks. owned by city.

WEST CHICAGO, p. 2,378; f. area, 600 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area. F. dept.—1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & tel., 9 bx.; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$200; tot. mem., 18 vol.

Water Supply—Src., 2 wells, in bus. cent.; sys., pump to res. & stdp.; stdp. cap., 178,000 gals.; dim., 16 x 115; mat., stl.; res. cap., 45,000 gals.; loc. centrally; 2 pump. eng., cap. day, 500,000 gals.; in addition, 2 high pres. pumps, for res. to stdp., cap. 900,000 gals. per day; mains, c. l., 15 m., 4 to 8 in. dia.; 80 hyd.; 36 v.; met., 528; 530 serv.; pipe, lead; pres., dom. 55 lbs.; cons. day, 90,000 gals.; cost, \$75,000; cost mtce., \$3,500; wks. owned by city.

WEST DUNDEE, p. 1,380; f. area, 64 a.; merc. bldgs., bk. & stn., 2 to 3 stor.; priv., bk., stn. & wd.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & tel., 9 bx.; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$200; tot. mem., 18 vol.

Water Supply—Res. cap., 300,000 gals.; stdp. size, 20 x 40; pres., dom. 45 lbs., f. 90 lbs.; 1 trip. pumps, dim. 10 x 10; mains, 6 m., 6 to 8 in. dia.; 36 hyd.; 325 met.; 640 serv.; wks. owned by city.

WHEATON, Dupage Co., p. 3,423; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. F. dept.—2 c. hand ex., 2 hose wag., 2 hrs., 1 h. & l. trk.; hose, 1,600 ft.; tot. mem., 24 vol.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 144,000 gals.; dim., 14 x 125; mat., stl.; pump. eng., cap. day 500,000 gals.; mains, 1 1/2 m., 6 to 10 in. dia.; 122 hyd.; met., 550; 650 serv.; pipe, lead; pres., dom. 54 lbs., f. 56 to 145 lbs.; cons. day, 85,000 gals.; cost, \$37,000; cost mtce., \$330; wks. owned by city.

WHITE HALL, p. 2,854; f. area, 80 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 300 ft.; rub., gd., 1,000 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$1,400; tot. mem., 43 vol.; undrs. rating, third class.

Water Supply—Src., res., 1 1/2 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 80,000 gals.; dim., 24 x 21; mat., stl.; res. cap., 53,000,000 gals.; loc. 1 1/2 m. city; 1 pump. eng., class elec., cap. day 360,000 gals.; mains, c. l., 5 m., 4, 6 & 8 in. dia.; 40 hyd.; met., 67; pipe, lead; pres., dom. 43 lbs., f. 43 to 135 lbs.; cons. day, 125,000 gals.; cost, \$25,000; cost mtce., \$1,200; wks. owned by city.

WILMETTE, p. 4,943; f. area, 2 sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., c. hand ex., 1 h. & l. trk., 1 c. wag., 1 hose car., 3 hrs.; hose, cot., rub. lined, gd., 2,150 ft.; cot., 200 ft.; tot. hose, 2,350 ft.; f. al., tel.; val. equip., \$4,000; val. bldgs., \$2,500; exp. dept., \$1,800; tot. mem., 9, pd. full time 1, pd. part time 8.

Water Supply—Src., Lake Michigan, 4 m. bus. cent.; water supplied by city of Evanston; mains, iron, 28 m., 6 to 8 in. dia.; hyd.; v.; met., 100; 640 serv.; pipe, lead & galv. i.; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 164,333 gals.

WILMINGTON, Will Co., p. 1,450; merc. bldgs., bk., stn., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in bus. portion. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 1,800 ft.; tot. hose, 2,600 ft.; f. al., elec.; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$1,000; tot. mem., 45, pd. part time.

Water Supply—Src., riv.; sys., pump dir.; elec. pump. eng., cap. 144,000 gals. day; mains, 5 m., 4 to 10 in. dia.; 27 hyd.; 2 v.; pres., f. 80 lbs.; cost, \$10,000; cost mtce., \$200; wks. owned by city.

WINCHESTER, p. 1,700; f. area, 5 a. F. dept.—To be installed.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump; 3 pump. eng., cap. day, 216,000 gals.; 40 hyd.; pres., dom. & f. 70 lbs.; cost, \$30,000; wks. owned by city.

WINCHESTER, Scott Co., p. 1,639; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—1 h. & 1 trk., 2 c. eng.; 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; tot. mem., 41 vol. **Water Supply**—Not reported.

WINNETKA, p. 3,168; merc. bldgs., wd. & bk., 1 to 2½ stor. F. dept.—1 hose cart, 1 hose wag., 1 hrs.; tot. mem., 24 vol.

Water Supply—Src., lake; sys., pump to stdp.; mat., stl.; 2 pump. eng., cap. day 3,000,000 gals.; mains, 25 m.; 250 hyd.; met., 847; 847 serv.; pipe, lead; pres., dom. 70 lbs., f. 60 lbs.; cons. day, 1,250,000 gals.; cost, \$108,000; cost mtce., \$3,482.58; wks. owned by village.

WOODSTOCK, p. 4,381; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—8 c. hand ex., 1 comb. c. & h. wag., 1 h. & 1 trk., 1 hose wag., 2 hose reels; hose, rub. lined, gd., 2,000 ft.; f. al., wh., bell & Gamewell, 18 bx.; val. equip., \$4,000; tot. mem., 28 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 120,000 gals.; res. cap., 84,000 gals.; 2 air comp. pumps; mains, 8 m., 4 to 8 in. dia.; 78 hyd.; met., 50; 200 serv.; pres., dom. 60 lbs., f. 120 lbs.; cost, \$35,000; wks. owned by city.

WORDEN, p. 1,082; f. area, 120 a. F. dept.—1 str., 1 c. eng., 1 hose cart, ladders, hand pump; 1,000 ft. hose; f. al., bell; val. equip., \$2,300; val. bldgs., \$4,000; exp. dept., \$120; tot. mem., 18, pd. full time.

Water Supply—Src., wells.

WYANET, p. 872; f. area, 3 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt.

ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 1 hose wag., 1 hose reel, 1 hrs.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$800; tot. mem., 25 vol.

Water Supply—Src., wells in town.

WYOMING, p. 1,506; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—2 h. & 1 trk., 2 car.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 20, pd. part time.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 36,000 gals.; dim., 12 x 40; mat., bk.; res. cap., 84,000 gals.; loc. 2 blocks bus. cent.; 2 pump. eng., class trip., cap. day 648,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 54 hyd.; 12 v.; met., 300; pipe, galv. i.; pres., dom. 34 lbs., f. 80 lbs.; cons. day, 50,000 gals.; cost mtce., \$1,200; wks. owned by city.

XENIA, p. 634. F. dept.—1 stm. eng., 1 comb. c. & hose wag., 6 c. hand ex., 1 h. & 1 trk., 1 hose reel; hose, cot., rub. lined, gd., 1,200 ft.; inf., 350 ft.; tot. hose, 1,550 ft.; val. equip., \$4,500; val. bldgs., \$500; exp. dept., \$200; tot. mem., 25 vol.

Water Supply—Wells, cisterns & pond.

ZION CITY, p. 4,789; f. area, 8 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk., wd. & conc., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & h. wag., 10 c. hand ex., 1 h. & 1 trk., 1 str., 1 hose wag., 1 hose car, 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 1,000 ft.; inf., 300 ft.; tot. hose, 2,300 ft.; f. al., telp.; val. equip., \$3,500; val. bldgs., \$2,400; exp. dept., \$3,000; tot. mem., 30, pd. full time 6, vol. 24; unders. rating, fourth class.

Water Supply—Src., wells, in bus. cent.; sys., pump; 1 pump. eng., class dup.; 1 cistern, cap., 500 bbls.; mains, 8 m., 3, 4, 6 & 10 in. dia.; 14 hyd.; pres., dom. 55 lbs.; wks. owned by town.

Places with a population of 1,000 or more having no organized fire dept.—Angusta, Blandinsville, Brooklyn, Carpentersville, Centerville, Coffeen, Crystal Lake, Cuba, East Moline, Elmhurst, Eldorado, Elizabethtown, Equality, Findlay, Georgetown, Ghrard, Grafton, Harrisburg, Herrin, Homer, Kangley, Kimmunity, Lebanon, Mansfield, Marion, Mounds, Neoga, Newman, Nilwood, Norris City, Mt. Carmel, Peotone, Rankin, Raymond, Ridge Farm, Saybrook, Shawneetown, Sorento, St. Charles, Toledo, Toluca, Upper Alton, Vermont, Vienna, Washburn, Westfield, West Frankfort, Westville, Yoluca.

INDIANA

ALBANY, p. 1,289; f. area, 160 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$1,000; exp. dept., \$40; tot. mem., 20 vol.

Water Supply—Src., wells; sys., pump dir., 1,200 ft. bus. cent.; 2 pump. eng.; mains, 4 to 10 in. dia.; 45 hyd.; met., 10; pres., dom. 60 lbs., f. 80 to 100 lbs.; cost, \$38,000; wks. owned by Co.

ALBION, p. 1,218; f. area, 275 a.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; combustibles ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 1,400 ft.; inf., 500 ft.; tot. hose, 1,900 ft.; f. al., bell, wh. & elec., 9 bx.; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$75; tot. mem., 36 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump dir. to mains; 2 pump. eng., cap. day 500,000 gals.; mains, c. l., 2½ m., 4 to 12 in. dia.; 22 hyd.; 34 v.; met., 2; 180 serv.; pipe, lead; pres., dom. 75 lbs., f. 120 lbs.; cons. day, 89,000 gals.; cost, \$14,850; cost mtce., \$2,000; wks. owned by city.

ALEXANDRIA, p. 5,096; f. area, 4½ sq. m.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 5 c. hand ex., 1

h. & 1 trk., 2 hose wag., 1 comb. c., h. & 1 wag., 4 hrs.; hose, cot., rub. lined, gd., 1,050 ft.; rub. fair, 750 ft.; tot. hose, 1,800 ft.; f. al., Gamewell, 9 bx.; val. equip., \$8,000; val. bldgs., \$5,000; exp. dept., \$3,500; tot. mem., 7, pd. full time 3, pd. part time 4.

Water Supply—Src., wells, 1-3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 235,000 gals., dim. 20 x 100, loc. near station, mat. stn. & stl.; 3 pump. eng., cap. day 3,000,000 gals.; mains, c. l., 8 m., 4 to 16 in. dia.; 94 hyd.; met., 15; 500 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 110 lbs.; cost, \$50,000; cost mtce., \$4,000; wks. owned by city.

ANDERSON, p. 22,476; merc. bldgs., bk., 1 to 6 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. h. & c. wag., 10 c. hand ex., 1 h. & 1 trk., 3 hose wag., 12 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; f. al., Gamewell, 61 bx.; val. equip., \$42,500; val. bldgs., \$49,253; exp. dept., \$21,000; tot. mem., 22, pd. full time.

Water Supply—Src., White River, ¾ m. bus. cent.; sys., pump dir. to mains; res. cap., 500,000 gals.; 3 pump. eng., class comp.; cap. day, 11,000,000 gals.; mains, c. l., 43.69 m., 2 to 20 in. dia.; 885 hyd.; 214 v.; met., 475; 3,200 serv.; pipe, lead & galv. i.; pres., dom. 65 lbs., f. 115 lbs.; cons. day, 1,517,415 gals.; cost, \$370,936; wks. owned by city.

ANDREWS, p. 957. F. dept.—1 hand eng., 1 hose reel; hose, 500 ft.; tot. mem., 16.
Water Supply—Src., wells & cisterns, in bus. cent.

ANGOLA, p. 2,610; f. area, 2,000 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 600 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$2,000; exp. dept., \$800; tot. mem., 15, pd. full time 1, 14 vol.; undrs. rating, third class.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 1 pump. eng.; cap. day, 3,000,000 gals.; mains, c. l., $1\frac{1}{2}$ m., 4 to 14 in. dia.; 75 hyd.; met., 18; 700 serv.; pres., dom. 50 lbs., f. 100 lbs.; cost, \$40,000; wks. owned by Co. & city.

ARGOS, p. 1,088; f. area, 5 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd. & bk., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 900 ft.; inf., 400 ft.; tot. hose, 1,300 ft.; f. al., telp.; val. equip., \$900; val. bldgs., \$400; tot. mem., 30 vol.

Water Supply—Src., wells; sys., pump dir.; 2 dup. pumps, size 12 x 7, cap. 500,000 gals. day; pres., dom. 40 to 50 lbs., f. 70 to 80 lbs.; 15,500 ft. mains, 4 to 6 in. dia.; 14 v.; 26 hyd.

ASHLEY, p. 639; merc. bldgs., stn., bk. & wd., 1 to 2 stor.; priv., stn., bk. & wd., 24 ft. high; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 600 ft.; f. al., bell, wh. & telp.; val. equip., \$1,200; val. bldgs., \$600; tot. mem., 28 vol.

Water Supply—Src., cisterns.

ATTICA, p. 3,335; f. area, 320 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 4 hose wag., 4 hose reels, 1 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$5,000; exp. dept., \$800; tot. mem., 25, pd. full time 1, vol. 24; undrs. rating, second class.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to res.; res. cap., 5,000,000 gals., loc. on hill above town; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 15 m., 4 to 14 in. dia.; 653 hyd.; 40 v.; 50 serv.; pres., dom. 85 lbs., f. 85 lbs.; cons. day, 250,000 gals.; cost, \$46,633; cost mtce., \$1,130.83; wks. owned by city.

AUBURN, p. 3,919; f. area, 1,200 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., elec., 8 bx.; val. equip., \$2,500; val. bldgs., \$2,500; tot. mem., 14, pd. full time 2, vol. 12; undrs. rating, second class.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., class comp. dup., size 10 x 16 x 10 in. 18, cap. day 2,000,000 gals.; mains, c. l., $1\frac{1}{2}$ m., 4 to 12 in. dia.; 106 hyd.; 64 v.; 535 serv.; pipe, lead; pres., dom. 40 lbs., f. 90 lbs.; cost, \$26,500; wks. owned by city.

AURORA, p. 4,410; f. area, 2,560 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels, 3 hrs.; hose, cot., rub. lined, gd., 1,400 ft.; rub., gd., 500 ft.; inf., 800 ft.; tot. hose, 2,700 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$12,000; exp. dept., \$1,000; tot. mem., 22 vol.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; 4 pump. eng., class centrif. & dir., cap. day 1,000,000 gals.; mains, c. l., 10 m., 4 to 10 in. dia.; 89 hyd.; 514 serv.; pipe, galv. l.; pres., dom. 130 lbs., f. 130 lbs.; cost, \$95,000; wks. owned by Co.

BATESVILLE, p. 2,151; f. area, 640 a.; merc. bldgs., bk. & conc., 1 to 4 stor.; priv., bk. & wd., $1\frac{1}{2}$ to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,000; tot. mem., 60 vol.

Water Supply—Src., res.; sys., pump to stdp. &

dir.; stdp. cap., 50,000 gals., dim. 16 x 16, mat. stl.; 2 pump. eng.; mains, c. l., $3\frac{1}{2}$ m., $2\frac{1}{2}$ to 8 in. dia.; 45 hyd.; met., 17; 75 serv.; pipe, galv. l.; pres., dom. 40 lbs., f. 120 lbs.; cons. day, 40,000 gals.; cost, \$23,000; cost mtce., \$1,500; wks. owned by Corp.

BEDFORD, p. 8,716; f. area, 960 a.; merc. bldgs., stn. & bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,700 ft.; inf., 400 ft.; tot. hose, 2,100 ft., f. al., elec.; val. equip., \$2,500; val. bldgs., \$1,500; exp. dept., \$1,500; tot. mem., 15, pd. full time 3, pd. part time 12; undrs. rating, second class.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump to mains & stdp.; stdp. cap., 36,000 gals., mat. iron & bk.; 2 pump. eng., cap. day 4,032,000 gals.; mains, c. l., 8 m., 4 to 12 in. dia.; 121 hyd.; met., 20; 950 serv.; pipe, wrt. l., pres., dom. 65 lbs.; wks. owned by city.

BERNE, p. 1,316; f. area, 540 a.; merc. bldgs., bk., 1 to 2 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 12 c. hand ex., 1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$2,000; exp. dept., \$300; tot. mem., 35 vol.

Water Supply—Src., 16 cisterns in various parts of town.

BICKNELL, p. 4,005; f. area, 1,000 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. are not inv. F. dept.—2 c. eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 300 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$25; vol.; undrs. rating, fifth class.

Water Supply—No waterwks.

BLOOMFIELD, Greene Co., p. 2,069; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; inf., 1,000 ft.; tot. hose, 3,500 ft.; f. al., bell; val. equip., \$600; tot. mem., 12, pd. part time; undrs. rating, fourth class.

Water Supply—Src., deep wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 35,000 gals., dim. 12 x 40, mat. stl.; res. cap., 95,000 gals., loc. at power house; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. l., $4\frac{1}{2}$ m., 4 to 8 in. dia.; 44 hyd.; 30 v.; met., 170; pipe, galv. l.; pres., dom. 40 to 60 lbs., f. 120 lbs.; cost, \$42,000; wks. owned by Co.

BLOOMINGTON, Monroe Co., p. 8,838; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; no combt. perm. by ord., only by State law. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 450 ft.; rub., gd., 1,600 ft.; tot. hose, 2,050 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$4,500; exp. dept., \$7,000; tot. mem., 5, pd. full time.

Water Supply—Src., spr., $2\frac{1}{2}$ m. bus. cent.; sys., pump dir.; res. cap., 200,000,000 gals.; 3 pump. eng., cap. day 6,000,000 gals.; mains, 15 m., 4 to 12 in. dia.; 160 hyd.; 1,600 serv.; 38 v.; pipe, galv. l.; pres., dom. 65 lbs., f. 120 lbs.; cost, \$100,000; cost mtce., \$6,000; wks. owned by city.

BLUFFTON, p. 4,987; f. area, 1 sq. m.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. trk., 2 comb. c. & h. wag., 8 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 3,000 ft.; rub., 300 ft.; inf., 1,000 ft.; tot. hose, 4,300 ft.; f. al., telp., 610 bx.; val. equip., \$12,000; val. bldgs., \$3,000; tot. mem., 18 vol.

Water Supply—Src., wells & riv., $\frac{1}{4}$ m. bus. cent.; sys., dir. pres.; res. cap., 750,000 gals., loc. at station; 2 pump. eng., class hor. dup. & centrif.; cap. day, 806,400 gals.; mains, c. l., 15 m., 4 to 12 in. dia.; 108 hyd.; 60 v.; met., 500; 500 serv.; pipe, lead; pres., dom. 60 lbs., f. 90 to 100 lbs.; daily cons., 300,000 gals.; cost, \$75,000; cost mtce., \$5,000; wks. owned by city.

BOONEVILLE, p. 3,934; f. area, 600 a.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 400 ft.; tot. hose, 2,000 ft.; f. al., telp., 2 bx.;

val. equip., \$2,000; val. bldgs., \$6,000; exp. dept., \$800; tot. mem., 7 vol.; undrs. rating, third class.
Water Supply—Src., lake, 6 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 110,000 gals., dim. 25 x 32, mat. iron; pump. eng., class dup., cap. day 1,000,000 gals.; mains, 6½ m., 4 to 10 in. dia.; 212 hyd.; 220 serv.; pres., dom. 78 lbs., f. 100 lbs.; cost, \$35,000; cost mtce., \$2,500; wks. owned by Co.

BOSWELL, p. 814; f. area, 600 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 4 c. hand ex., 1 hose wag., 1 hose car.; hose, rub., gd., 300 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$200; tot. mem., 16 vol.

Water Supply—Src., cisterns, 1 hand pump, 2 hyd.; cost, \$1,000; cost mtce., \$25.

BOURBON, p. 1,168; f. area, 200 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk.; 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; inf., 400 ft.; tot. hose, 1,600 ft.; f. al., bell; tot. mem., 72 vol.

Water Supply—Src., wells; sys., pump to stdp. & res.; stdp. cap., 65,000 gals., dim. 10 x 100, mat. stl.; res. cap., 60,000 gals., loc. beside stdp.; 1 pump. eng., class dup., cap. day 288,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 26 hyd.; met., 1; 43 serv.; pres., dom. 43 lbs., f. 60 to 100 lbs.; wks. owned by Co.

BRAZIL, p. 9,840; f. area, 1,500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., Gamewell, 16 bx.; val. equip., \$6,000; val. bldgs., \$8,000; exp. dept., \$4,000; tot. mem., 16, pd. full time 5, pd. part time 10; undrs. rating, second class.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., pump dir. to mains; res. loc. near plant; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 12 m., 4 to 16 in. dia.; 136 hyd.; met., 750; 800 serv.; pipe, lead & iron; pres., dom. 60 lbs., f. 135 lbs.; wks. owned by city.

BREMEN, p. 2,008; f. area, 600 a.; merc. bldgs., bk., cem., & wd., 1 to 3 stor.; priv., bk., cem. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 4 wag. carts; hose, cot., rub. lined, gd., 1,800 ft.; rub. gd., 200 ft.; tot. hose, 2,000 ft.; f. al., bell & wh., 2 bx.; val. equip., \$3,250; val. bldgs., \$1,000; exp. dept., \$1,000; tot. mem., 80 vol.

Water Supply—Src., artesian wells & r.v.; sys., pump to stdp.; stdp. cap., 28,000 gals.; dim., 12 x 36; 2 pump. eng., class comp., cap. day 1,250,000 gals.; mains, 4½ m., 2 to 6 in. dia.; 30 hyd.; met., 50; 280 serv.; pipe, wrt. i.; pres., dom. 46 lbs., f. 100 lbs.; cons. day 350,000 gals.; cost, \$12,000; cost mtce., \$750; wks. owned by city.

BROOKSTOWN, p. 1,067. F. dept.—2 c. eng., 1 h. & l. trk.; hose, 1,000 ft.; bell al.

Water Supply—Src., wells & cisterns.

BROOKVILLE, p. 2,169; f. area, 400 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; rubber, gd., 300 ft.; tot. hose, 1,700 ft.; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$200; tot. mem., 18, pd. part time; undrs. rating, third class.

Water Supply—Src., riv. & wells, 1 m. bus. cent.; sys., pump to res. & dir.; res. cap., 365,000 gals., loc. ¾ m. town; 2 pump. eng., class comp. dup., cap. day 1,650,000 gals.; mains, c. l., 6 m., 4 to 10 in. dia.; 54 hyd.; 34 v.; met., 5; 560 serv.; pipe, lead & galv. i.; pres., dom. 65 to 90 lbs., f. 65 to 90 lbs.; cons. day, 255,000 gals.; cost, \$36,000; cost mtce., \$2,000; wks. owned by town.

BROWNSTOWN, p. 1,492; f. area, 50 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$100; exp. dept., \$250; tot. mem., 10 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir. to stdp.; stdp. cap., 90,000 gals., mat. stl.; res. cap., 90,000 gals., loc. 75 ft. above pump. station; 2 pump. eng., cap. day 150,000

gals.; mains, c. l., 3 m., 4 to 8 in. dia.; 29 hyd.; 115 serv.; pres., dom. 75 lbs., f. 90 lbs.; cons. day, 50,000 gals.; cost, \$28,000; cost mtce., \$4,000; wks. owned by Brownstown Water & Light Co.

BUTLER, p. 1,818; f. area, 4 a.; merc. bldgs., bk., 1 to 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 c. hand ex., 1 hose cart; hose, cot., rub. lined, gd., 800 ft.; inf., 200 ft.; tot. hose, 1,000 ft.; f. al., wh.; val. equip., \$4,000; val. bldgs., \$1,000; exp. dept., \$50; tot. mem., 12 vol.

Water Supply—Src., wells, 300 ft. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 4½ m., 4 to 12 in. dia.; 48 hyd.; 124 v.; pipe, c. l.; pres., dom. 50 lbs., f. 80 lbs.; cost, \$25,000; wks. owned by city.

CAMBRIDGE CITY, p. 2,237; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., wh., bell; tot. mem., 12, pd. full time; undrs. rating, second class.

Water Supply—Src., wells, canal & riv.; sys., pump d.r.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 4 m.; 47 hyd.; cost, \$25,000.

CANNELTON, p. 2,180; f. area, 80 a.; merc. bldgs., stn. & bk., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 900 ft.; f. al., 3 bells & wh.; tot. mem., 30 vol.

Water Supply—Src., 2 wells, ¾ m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; loc. on hill; 2 pump. eng., class dup., cap. day, 300,000 gals.; mains, wd. & iron, 2 m., 4 to 12 in. dia.; 45 hyd.; 400 serv.; pipe, iron; pres. dom. & f. 85 lbs.; cons. day, 300,000 gals.; cost, \$35,000; cost mtce., \$1,900; wks. owned by Co. & city.

CARBON, p. 493; f. area, 30 a. F. dept.—1 comb. hand & c. eng., 1 hand ladder trk., 1 hose wag.; hose, 300 ft.; val. equip., \$1,000; tot. mem., 17 vol.

Water Supply—Src., priv. wells.

CARTHAGE, p. 873. F. dept.—1 str., 1 h. & l. trk., 6 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 25 vol.

Water Supply—Not reported.

CENTERVILLE, p. 1,019. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 2 hose car.; hose, 1,500 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., wells & cisterns.

CHARLESTOWN, p. 864. F. dept.—1 eng., 1 hand eng.; hose, 350 ft.; f. al., wh.; tot. mem., 17 vol.

Water Supply—Six f. cisterns.

CHESTERTON, p. 1,400. F. dept.—1 hose wag., 1 reel; hose, 1,900 ft.; f. al., bell & wh.; tot. mem., 17 vol.

Water Supply—Src., well; stdp. cap., 50,000 gals.; 1 pump. eng., cap. day 400,000 gals.; mains, 3½ m., 8, 6 & 4 in. d.a.; 32 hyd.; 24 v.; pres., dom. 45 lbs., f. 60 lbs.

CHURUBUSCO, p. 870. F. dept.—1 hand eng., 1 hose car., 1 hose cart; hose, 1,400 ft.; tot. mem., 37 vol.

Water Supply—Src., 7 large cisterns & White riv.; sys., pump to stdp. & dir.; stdp. cap., 30,000 bbls.; 1 pump. cap. day 450,000 gals.; mains, 2 to 10 in. dia.; 23 hyd.; pres., 100 lbs.

CICERO, p. 1,500; f. area, 300 a. F. dept.—1 c. eng.; val. equip., \$300; tot. mem., 3 vol.; undrs. rating, fourth class.

Water Supply—Src., wells.

CLAY CITY, p. 1,213. F. dept.—1 h. & l. trk., 1 small double cylnder c. eng.; val. equip., \$750 **Water Supply**—Not reported.

CLINTON, Vermilion Co., p. 229. F. dept.—1 hose wag., 1 h. & l. trk., 1 hose cart; hose, 2,000 ft.; tot. mem., 17 vol., 1 pd. driver.

Water Supply—Src., driven wells; sys., pump d.r.; 2 pump. eng., comp. dup., cap. day 1,500,000 gals.; mains, 6½ m.; 66 hyd.; pres., dom. 40 to 50 lbs., f. 80 to 100 lbs.

COCHRAN, p. 858. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 1 hose reel; hose, 1,100 ft.; f. al., bell; tot. mem., 17 vol.

Water Supply—Src., cisterns & ponds.

COLUMBIA CITY, p. 3,448; f. area, 950 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., bell, wh. & telp.; val. equip., \$6,000; val. bldgs., \$10,000; exp. dept., \$1,750; tot. mem., 42, pd. full time 3, pd. part time 39.

Water Supply—Src., wells, cisterns & pond; sys., pump direct; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, 8 m., 4 to 12 in. dia.; 82 hyd.; met., 22; 509 serv.; pipe, lead; pres., dom. 60 lbs., f. 120 lbs.; cost, \$38,000; cost mtce., \$2,820; wks. owned by city.

COLUMBUS, p. 8,818; f. area, 15,000 a.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 comb. h. & l. trk. & c. eng., 4 c. hand ex., 3 hose wag., 7 hrs.; hose, cot., rub. lined, gd., 6,200 ft.; f. al., Gamewell, 30 bx.; val. equip., \$4,500; val. bldgs., \$5,000; tot. mem., 24, pd. full time 8, vol. 16.

Water Supply—Src., riv., 6 blocks bus. cent.; sys., pump dir. to mains; 2 pump. eng., cap. day 8,000,000 gals.; mains, iron, 20 m., 4 to 20 in. dia.; 165 hydrants; 158 v.; 1,800 serv.; pipe, iron; pres., dom. 60 to 85 lbs., f. 100 to 110 lbs.; cons. day, 2,500,000 gals.; cost, \$200,000; cost mtce., \$9,000; wks. owned by city.

CONNORSVILLE, p. 7,738; f. area, 22 blocks; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 comb. h. & l. trk. & c. eng., 2 hose wag., 2 hose reels, 7 hrs.; hose, cot., rub. lined, gd., 4,900 ft.; f. al., bell, 31 bx.; val. equip., \$11,500; val. bldgs., \$10,000; exp. dept., \$4,000; tot. mem., 10, pd. full time.

Water Supply—Src., well, 1/2 m. bus. cent.; sys., grav. & dir. pres.; res. cap., 1,500,000 gals.; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. l., 26 m., 4 to 16 in. dia.; 200 hyd.; 110 v.; 1,350 serv.; pipe, lead; pres., dom. 60 lbs., f. 90 lbs.; cons. day, 1,000,000 gals.; cost, \$42,000; cost mtce., \$2,000; wks. owned by city.

CONVERSE, Miami Co., p. 1,164; f. area, 1,280 a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$1,000; exp. dept., \$100; tot. mem., 11 vol.

Water Supply—Src., well, 3 blocks bus. cent.; sys., pump dir. to mains & stdp.; stdp. cap., 30,000 gals., mat. wd. & stl.; 1 pump. eng., cap. day 170,000 gals.; mains, c. l., 3 m., 4, 6 & 8 in. dia.; 31 hyd.; 12 v.; 225 serv.; pres., dom. 35 lbs., f. 125 lbs.; cons. day, 20,000 gals.; cost mtce., \$1,000; wks. owned by city.

CORYDON, p. 1,703. F. dept.—4 hose carts, 4 reels; hose, 1,000 ft.; vol. dept.

Water Supply—Src., spring, 1 m. bus. cent.; sys., pump to res.; res. cap., 225,000 gals.; 2 pump. eng.; cap. day, 75,000 gals.; mains, c. l., 5 m., 4 to 10 in. dia.; 43 hyd.; 40 v.; 2 met.; 2 serv.; pipe, c. l.; pres., dom. & f., 80 lbs.; cons. day, 75,000 gals.; cost, \$17,000; cost mtce., \$1,471; wks. owned by town.

COVINGTON, p. 2,069; f. area, 600 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 2 stor.; wd. rfs. not perm.; in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 2 c. hand ex.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 400 ft.; inf., 500 ft.; tot. hose, 1,900 ft.; f. al., bell & wh.; val. equip., \$2,000; exp. dept., \$350; tot. mem., 10 vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 150,000 gals., dim. 16 x 100; 2 pump. eng., class comp. dup., cap. day 1,500,000 gals.; mains, 5 m., 4 to 8 in. dia.; 47 hyd.; 16 v.; serv.; pipe, iron; pres., dom. 40 lbs., f. 125 lbs.; cost, \$40,000; cost mtce., \$2,600; wks. owned by Co.

CRAWFORDSVILLE, p. 9,371; f. area, 960 a.; merc. bldgs., bk. & wd., 1 to 7 stor.; priv., bk. & wd., 1 1/2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—7 c. hand ex., 1 h. & l. trk., 3 hose wag., 2

hose carts, 4 hrs.; hose, cot., rub. lined, gd., 2,300 ft.; inf., 2,000 ft.; tot. hose, 5,300 ft.; f. al., elec. Gamewell, 18 bx.; val. equip., \$10,000; val. bldgs., \$12,000; exp. dept., \$9,000; tot. mem., 11, pd. full time.

Water Supply—Src., well & spr. 1/2 m. bus. cent.; sys., pump dir.; res. cap., 572,500 gals., loc. at station; 4 pump. eng., cap. day 6,000,000 gals.; mains, c. l., 16 m., 6 to 16 in. dia.; 181 hyd.; 50 v.; met., 800; 2,200 serv.; pipe, wrt. i.; pres., dom. 50 lbs., f. 95 lbs.; cons. day, 800,000 gals.; wks. owned by Co.

CROWN POINT, p. 2,526; f. area, 320 a.; merc. bldgs., bk., 1 to 3 stor.; priv., stn., bk. & wd., 1 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,100 ft.; inf., 400 ft.; tot. hose, 1,500 ft.; f. al., bell & elec.; val. equip., \$2,000; val. bldgs., \$2,500; tot. mem., 45 vol.

Water Supply—Src., wells, 1/2 m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 85,000 gals., dim. 12 x 100, mat. stl.; res. cap., 10,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 5 1/2 m., 4 to 8 in. dia.; 58 hyd.; met., 6; 250 serv.; pipe, lead; pres., dom. 40 lbs., f. 42 to 125 lbs.; cons. day, 198,000 gals.; cost, \$42,650; cost mtce., \$1,500; wks. owned by city.

CULVER, p. 810; merc. bldgs., bk., cem. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; fair, 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$2,000; tot. mem., 15 vol.; undrs. rating, 4 1/2 class.

Water Supply—Not reported.

DANA, p. 748. F. dept.—1 c. eng., 1 h. & l. trk.; hose, 300 ft.; tot. mem., 24.

Water Supply—Src., wells.

DANVILLE, p. 1,640; f. area, 20 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd. & bk., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose wag., 1 hose reel, 1 hr.; hose, cot., rub. lined, gd., 500 ft.; f. al., wh.; exp. dept., \$300; tot. mem., 7, pd. part time; undrs. rating, second class.

Water Supply—Src., wells, 3/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 88,000 gals., dim. 12 x 100, mat. stl.; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. l., 8 m. 1 1/2 to 8 in. dia.; 50 hyd.; met., 130; 1,200 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 120 lbs.; cost, \$28,000; cost mtce., \$1,500; wks. owned by town.

DARLINGTON, p. 780. F. dept.—2 hand eng., 1 h. & l. trk., 2 hose reels; hose, 1,000 ft.; tot. mem., 10, part pd.

Water Supply—Src., wells; sys., pump dir.; 1 pump. eng., dup., cap. day, 500,000 gals.; mains, 3 m., 2 to 4 in. dia.; 25 hyd.

DECATUR, p. 4,471; f. area, 80 a.; merc. bldgs., bk. & stn., 2 stor.; priv., bk. & wd., 1 1/2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. trk., 8 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell & telp.; val. equip., \$7,000; val. bldgs., \$10,000; exp. dept., \$2,400; tot. mem., 21, pd. full time 3, pd. part time 18.

Water Supply—Src., wells, 5 sq. from bus. cent.; sys., pump dir. to mains; res. cap., 150,000 gals., loc. at plant; 2 pump. eng., class comp. dup., cap. day 1,500,000 gals.; mains, c. l., 15 m., 2 to 16 in. dia.; 104 hyd.; 91 v.; 807 serv.; pipe, lead; pres., dom. 35 to 40 lbs., f. 60 to 125 lbs.; cons. day, 60,000 gals.; cost, \$77,000; cost mtce., \$2,500; wks. owned by city.

DELPHI, p. 2,161; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 3 hose car.; hose, rub., gd., 1,300 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$1,800; exp. dept., \$900; tot. mem., 15, pd. part time; undrs. rating, second class.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 63,000 gals., mat. c. l.; res. cap., 860,000 gals., loc. at foot Union st.; mains, c. l., 6 1/2 m.; 55 hyd.; 575 serv.; pipe, lead; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 300,000 gals.; cost, \$35,000; cost mtce., \$6,000; wks. owned by city.

DENVER, p. 775. F. dept.—1 c. eng., 1 h. & 1 trk.

Water Supply—Src., wells & cisterns.

DUGGER, p. 1,226; f. area, 4 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. are not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—C. hand ex.; 7 vol.; val. equip., \$500; undra. rating, fifth class.

Water Supply—Not reported.

DUNKIRK, p. 3,031; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 h. wag., 2 hrs.; hose, cot., rub. lined, gd., 1,100 ft.; inf., 400 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$1,800; val. bldgs., \$6,000; exp. dept., \$820; tot. mem., 15 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump dir.; 2 pump. eng., class vert., cap. day 1,725,000 gals.; mains, iron, 10 m., 4 to 8 in. dia.; 62 hyd.; 325 serv.; pipe, iron; pres., dom. 60 lbs.; f. 120 lbs.; cost, \$35,000; cost mtce., \$1,800; wks. owned by city.

EAST CHICAGO, p. 19,098; f. area, 3,500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & 1 trk., 2 hose wag., 2 f. eng., 1 hose cart, 5 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., wh.; val. equip., \$4,500; val. bldgs., \$40,000; tot. mem., 13 vol.

Water Supply—Src., lake, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 250,400 gals.; dim. 18 x 100 mat. iron; 4 pump. eng., cap. day 9,000,000 gals.; mains, c. i., 197,000 ft., 4 to 30 in. dia.; 294 hyd.; met., 42; 2,144 serv.; pipe, lead; pres., dom. 53 lbs.; f. 70 lbs.; cons. month, 3,000,000 gals.; cost, \$143,000; cost mtce., \$8,400; wks. owned by C. H. Geist Co. of Phila., Pa.

EATON, p. 1,428; f. area, 2 blocks; merc. bldgs., mostly bk.; height of merc. bldgs., 1 to 2 stor.; priv. dwellings, wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 100 ft.; rub., gd., 200 ft.; inf., 200 ft.; tot. hose, 500 ft.; f. al., bell; val. equip., \$600; val. bldgs., \$1,000; tot. mem., 12 vol.

Water Supply—Src., wells, in bus. cent.; cap. 12,000 gals.; dim., 12 x 12 ft.; mains, iron, 2 to 4 in. dia.; pres., dom. 25 lbs.; f. 30 lbs.; cost, \$3,000; wks. owned by Co.

EDINBURG, p. 2,040; f. area, 550 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. h. & 1 trk., 1 c. hand ex., 1 hose wag., 1 hrs.; hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$1,875; exp. dept., \$2,500; tot. mem., 15 vol.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 42,000 gals.; dim., 18 x 50; mat., sheet i.; loc. on hill, 70 ft. above main st.; 2 pump. eng., class comp. dup., cap. day 3,000,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 33 hyd.; 176 serv.; pipe, lead; pres., dom. 45 lbs.; f. 90 lbs.; cost, \$21,000; cost mtce., \$550; wks. owned by city.

ELKHART, p. 19,282; f. area, 3,700 a.; merc. bldgs., stn. & bk., 2 to 4 stor.; priv., bk. & wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 1 comb. c. & h. wag., 10 c. hand ex., 1 h. & 1 trk., 3 hose carts, 12 hrs.; hose, cot., rub. lined, gd., 10,000 ft.; inf., 2,000 ft.; tot. hose, 12,000 ft.; f. al., Gamewell, 40 bx.; val. equip., \$21,500; val. bldgs., \$46,500; exp. dept., \$47,946; tot. mem., 27; undra. rating, second class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; 5 pump. eng., class dup., cap. day 21,000,000 gals.; mains, iron, 49 $\frac{1}{2}$ m., 6 to 24 in. dia.; 335 hyd.; met., 3,000; pipe, lead; pres., dom. 50 lbs.; f. 80 to 100 lbs.; cons. day, 3,000,000 gals.; cost, \$475,000; cost mtce., \$21,000; wks. owned by Co.

ELWOOD, p. 11,028; f. area, 30 a.; merc. bldgs., bk., stn. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 4 c. hand ex., 1 h. & 1 trk., 2 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 500 ft.; tot. hose, 4,500 ft.; f. al., Gamewell, 20 bx.; val. equip.,

\$9,000; val. bldgs., \$45,000; exp. dept., \$6,000; tot. mem. 8, pd. full time; undra. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; res. cap., 1,500,000 gals.; 3 pump. eng., cap. day, 5,000,000 gals.; mains, c. i., 12 m., 4 to 14 in. dia.; 162 hyd.; 51 v.; met., \$10; 1,143 serv.; pipe, iron; pres., dom. 40 lbs.; f. 100 lbs.; cons. day, 750,000 gals.; cost mtce., \$3,000; wks. owned by Co.

ENGLISH, p. 538; f. area, 250 a. F. dept.—1 hose cart, 500 ft. hose; al., bell.

Water Supply—Src., spr., sys., dir. pres.; mains, 2 $\frac{1}{2}$ m., 4 to 6 in. dia.; 2 hyd.; pres., dom. 45 lbs.; f. 65 lbs.; cost, \$15,000; cost mtce., \$200; wks. owned by priv. Co.

EVANSVILLE, p. 69,647; f. area, 38,000 a.; merc. bldgs., stn., bk. & wd., 1 to 7 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—5 str., 1 c. eng., 24 c. hand ex., 1 auto. h. & 1 trk., 1 comb. auto. c. & h. wag., 1 aer. trk., 10 hose wag., 2 combined c. & h. wag., 45 hrs.; hose, cot., rub. lined, gd., 18,000 ft.; inf., 1,000 ft.; tot. hose, 19,000 ft.; f. al., Gamewell, 84 bx.; val. equip., \$70,000; val. bldgs., \$80,000; exp. dept., \$85,000; tot. mem. 87, pd. full time; undra. rating, first class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; 2 pump. eng., class trip. exp., cap. day 20,000,000 gals.; mains, c. i., 110.7 m., 4 to 30 in. dia.; 701 hyd.; met., 50; 10,400 serv.; 1,232 v.; pipe, galv. & wrt. i.; pres., dom. 50 lbs.; f. 100 lbs.; cons. day, 9,000,000 gals.; cost, \$1,500,000; cost mtce., \$38,000; wks. owned by city.

FAIRMOUNT, p. 2,506; f. area, 680 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 1 hose reel, 1 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., tel., val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$800; tot. mem., 10 vol.; undra. rating, first class.

Water Supply—Src., 7 wells, 1 sq. bus. cent.; sys., pump dir. to mains; 2 pump. eng., cap. day, 750,000 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 41 hyd.; 650 serv.; pipe, galv. i.; pres., dom. 45 lbs.; f. 65 lbs.; cost, \$16,000; cost mtce., \$3,500; wks. owned by city.

FARMERSBURG, p. 1,115; f. area, 640 a. F. dept.—1 c. eng.; hose, cot., rub. lined, 1,000 ft.; tot. mem. 15, pd. part time; val. equip., \$1,200; val. bldgs., \$1,000; exp. dept., \$100; undra. rating, fourth class.

FARMLAND, p. 907. F. dept.—1 c. eng., 1 hand eng., 1 comb. c. & h. wag., 1 h. & 1 trk.; hose, 1,000 ft.; tot. mem. 25, pd. part time.

Water Supply—Src., cisterns.

FLORA, p. 1,886; f. area, 4 $\frac{1}{2}$ a. F. dept.—1 comb. hand & c. eng., 1 h. & 1 trk., 1 hose cart; vol. dept.; 500 ft. hose; bell al.; val. equip., \$1,000; val. bldgs., \$500.

Water Supply—Src., 14,425 ft. of mains, 8 & 6 in. dia., & 35 hyd., 3 v.

FORTVILLE, p. 1,174; bldgs., wd. & bk.; wd. rfs. perm. F. dept.—1 hand eng., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 200 ft.; f. al., bell; tot. mem., 8 vol.

Water Supply—Src., wells.

FT. WAYNE, p. 63,933; merc. bldgs., bk. & stn., 3 to 6 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—8 str., 1 c. eng., 4 c. hand ex., 1 h. & 1 trk., 2 aer. trk., 3 hose wag., 5 comb. c. & h. wag., 1 supply wag., 48 hrs.; hose, cot., rub. lined, gd., 15,000 ft.; f. al., Gamewell, 103 bx.; val. equip., \$80,000; val. bldgs., \$150,000; exp. dept., \$85,000; tot. mem. 82, pd. full time; undra. rating, first class.

Water Supply—Src., 48 wells, $\frac{1}{4}$ m. bus. cent.; cons., 7,000,000 gals. day; sys., pump to res. & dir.; res. cap., 6,500,000 gals.; loc. 1 m. south city; 3 pump. eng., class hor. vert. & dup., cap. day 15,200,000 gals.; mains, c. i., 113 $\frac{1}{2}$ m., 3 to 30 in. dia.; 884 hyd.; 939 v.; met., 4,000; 12,000 serv.; pipe, lead; pres., dom. 40 to 45 lbs.; f. 40 to 45 lbs.; cons. day, 3,500,000 gals.; cost, \$1,467,390; cost mtce., \$31,478; wks. owned by city.

FWYLER, Benton Co., p. 1,491; merc. bldgs., bk., stn. & iron, 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 eng., 1 h. & 1 trk., 2 hose wag., 2 hose cart; hose, cot., rub. lined, gd., 1,500 ft.; inf., 400 ft.; tot. hose, 1,900 ft.; f.

al. telp. & wh.; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$1,800; tot. mem., 20 vol.
 Water Supply—Src., wells, 100 rods bus. cent.; sys., pump to res., to stdp. & dir.; stdp. cap., 94,500 gals.; res. cap., 9,450 gals.; 2 pump. eng., cap. day 500,000 gals.; mains, 6 m., 4 to 8 in. dia.; 51 hyd.; 800 serv.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$35,000; cost mtce., \$1,200; wks. owned by Co.

FRANKFORT, Clinton Co., p. 8,634; merc. bldgs., bk., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 2 hose wag. with ladders attached, 2 hrs.; hose, cot., rub. lined, gd., 2,300 ft.; rub. gd., 500 ft.; tot. hose, 2,800 ft.; f. al., bell; val. equip., \$3,600; val. bldgs., \$5,500; exp. dept., \$4,985; tot. mem. 6, pd. full time.

Water Supply—Src., wells; sys., pump dir.; res. cap., 1,000,000 gals.; 2 pump. eng., class comp. dup., cap. day 7,000,000 gals.; mains, wrt. & c. l., 26 m.; 259 hyd.; 190 v.; met., 215; 2,500 serv.; pipe, galv. f.; pres., dom. 55 lbs., f. 65 to 100 lbs.; cons. day, 1,000,000 gals.; cost, \$225,000; cost mtce., \$5,000; wks. owned by Co.

FRANKLIN, Johnson Co., p. 4,502; f. area 1,000 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. gd., 1,250 ft.; inf., 500 ft.; tot. hose, 1,750 ft.; f. al., bell; val. equip., \$2,500; exp. dept., \$2,400; tot. mem., 9, pd. full time 3, vol. 6; undrs. rating, third class.

Water Supply—Src., wells; sys., pump to res. & stdp.; stdp. cap., 150,000 gals.; dim., 12½ x 40; mat., stl.; res. cap., 300,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, 24 m., 4 to 12 in. dia.; 90 hyd.; met., 25; 1,000 serv.; pres., dom. 50 lbs., f. 60 lbs.; cons. day, 300,000 gals.; cost, \$200,000; cost mtce., \$12,000; wks. owned by Co.

FRENCH LICK, p. 3,170; f. area, 25 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. car.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., bell; val. equip., \$1,500; exp. dept., \$66; tot. mem. 72, pd. part time 22, vol. 50; undrs. rating, fifth class.

Water Supply—Not reported.

GARRETT, p. 4,149; f. area, 1,000 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 20 c. hand ex., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 300 ft.; inf., 1,000 ft.; tot. hose, 3,800 ft.; f. al., wh. & telp.; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$300; tot. mem., 30 vol.

Water Supply—Src., wells, 700 ft. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 12 m., 4 to 12 in. dia.; 53 hyd.; 800 serv.; pres., dom. 45 lbs., f. 70 to 90 lbs.; cost, \$55,000; cost mtce., \$4,000; wks. owned by city.

GARY, p. 16,802; f. area, 800 a.; merc. bldgs., bk., stn. & wd., 2 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 1 plain h. & l. trk., 1 auto. comb. trk. & squad wag. with c. tank, 3 auto. hose trk., 1 auto. hose trk. with c. tank, 2 c. hand ex., 4 hrs.; hose, cot., rub. lined, gd., 12,000 ft.; c., 600 ft.; tot. hose, 12,600 ft.; f. al., telp., 20 bx.; val. equip., \$55,000; val. bldgs., \$80,000; exp. dept., \$56,320; tot. mem. 118, pd. full time 48, vol. 75; undrs. rating, third class.

Water Supply—Src., Lake Michigan; dir. pres. sys. with stdp., cap. 300,000 gals.; 4 pump. eng., cap. day 20,000,000 gals.; 350 hyd.; mains, 40 m., 6 to 30 in. dia.

GAS CITY, p. 3,224; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 1 supply wag., 2 hose car., 1 hr.; hose, cot., rub. lined, gd., 900 ft.; f. al., telp. & bell, 15 bx.; val. equip., \$2,000; exp. dept., \$1,000; tot. mem. 19, pd. full time 5, vol. 14; undrs. rating, second class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; res. cap., 250,000 gals.; 2 pump. eng., class comp. dup., cap. day 1,600,000 gals.; mains, c. l., 12 m., 4 to 12 in. dia.; 60 hyd.; 90 v.; 550 serv.; pipe, galv. f.; pres., dom. 30 lbs., f. 120 lbs.; cost, \$88,000; cost mtce., \$3,500; wks. owned by city.

GENEVA, Adams Co., p. 1,140; merc. bldgs., bk., 2 stor.; priv., bk., 1 to 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 c. eng., 12 c. hand ex., 1 h. & l. trk.; f. al., telp., 15 bx.; val. equip., \$1,000; exp. dept., \$100; tot. mem., 25; undrs. rating, fifth class.

GOSHEN, p. 8,514; f. area, 320 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—12 c. hand ex., 2 h. & l. trk., 5 hose car., 1 hose reel, 6 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell, 29 bx.; val. equip., 12,640; val. bldgs., \$3,000; exp. dept., \$6,998; tot. mem. 27, pd. full time 6, pd. part time 21.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 266,000 gals.; dim., 18 x 140; mat., iron; 2 pump. eng., cap. day 3,000,000 gals.; mains, iron & wd., 26 m., 6 to 20 in. dia.; 303 hyd.; 71 v.; met., 918; 1,902 serv.; pipe, galv. f. & lead; pres., dom. 60 lbs., f. 60 to 100 lbs.; cons. day, 1,222,775 gals.; cost, \$8,262; wks. owned by city.

GREENCASTLE, p. 3,790; f. area, 3¼ m.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 2 h. & l. trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., Gamewell, 16 bx.; val. equip., \$5,600; val. bldgs., \$7,000; exp. dept., \$2,850; tot. mem. 4, pd. full time.

Water Supply—Src., creek, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 400,000 gals.; dim., 22 x 140; loc. in town; mat., stl.; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. l., 14 m., 6 to 16 in. dia.; 100 hyd.; 52 v.; met., 200; 700 serv.; pipe, wrt. f.; pres., dom. 80 lbs., f. 80 lbs.; cons. day, 700,000 gals.; wks. owned by Co.

GREENFIELD, p. 4,448; f. area, 800 a.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., wh.; val. equip., \$4,000; val. bldgs., \$3,000; exp. dept., \$1,500; tot. mem., 12 vol.

Water Supply—Src., wells; sys., pump dir.; res. cap., 50,000 gals.; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. l., 8 m., 4 to 12 in. dia.; 89 hyd.; met., 325; 800 serv.; pres., dom. 45 lbs., f. 120 lbs.; cons. day, 225,000 gals.; cost, \$51,000; cost mtce., \$6,000; wks. owned by city.

GREENSBURG, p. 5,420; f. area, 400 a.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart, 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., telp.; val. equip., \$10,000; val. bldgs., \$7,000; exp. dept., \$2,250; tot. mem., 16, pd. full time 2, 14 vol.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump dir.; mat., bk. & cem.; res. cap., 500,000 gals.; loc. 1½ m. court house; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. l., 18 m., 4 to 12 in. dia.; 160 hyd.; 85 v.; met., 75; 1,400 serv.; pipe, galv. f.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 500,000 gals.; cost, \$210,000; wks. owned by Co.

GREENTOWN, p. 1,166; f. area, 250 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$50; exp. dept., \$80; vol.; undrs. rating, second class.

Water Supply—Src., 3 wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals.; 2 pump. eng., cap. day 140,000 gals.; 150 hyd.; 6 v.; 180 serv.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$7,000; wks. owned by priv. Co.

GREENWOOD, p. 1,608. F. dept.—4 c. ex. 2 hose car.; hose, 2,000 ft.; al., bell & wh.

Water Supply—Sys., pump, 3 pumps, dup., cap. 2,000,000 gals. day; mains, 3 m., 4 to 12 in. dia.; 42 hyd.; pres., dom. 55 to 65 lbs., f. 100 to 110 lbs.

HAGERSTOWN, p. 936; f. area, 400 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hose wag., 1 h. & l. trk.; hose, cot., rub. lined, 600 ft.

f. al., bell; val. equip., \$900; val. bldgs., \$1,000; exp. dept., \$70; tot. mem., 20; undrs. rating, fourth class.

Water Supply—Src., spr.

HAMMOND, Lake Co., p. 20,925; merc. bldgs., stn. & bk., 2 to 4 stor.; priv., wd. & bk., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 3 comb. c. & h. wag., 2 c. eng., 10 c. hand ex., 2 h. & 1 trk., 2 hose wag., 17 hrs.; hose, cot., rub. lined, gd., 8,400 ft.; c., 1,000 ft.; tot. hose, 9,400 ft.; f. al., Gamewell, 41 bx.; val. equip., \$42,340; val. bldgs., \$44,324; exp. dept., \$42,517; tot. mem. 34, pd. full time.

Water Supply—Src., lake, 5 m. bus. cent.; sys., dir.; 4 pump. eng., cap. day 28,000,000 gals.; mains, c. l., 73 3-5 m., 4 to 24 in. dia.; 352 hyd.; 225 v.; met., 408; 3,300 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 3,000,000 gals.; cost, \$500,000; cost mtce., \$18,000; wks. owned by city.

HARTFORD CITY, p. 6,187; f. area, 1,280 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 1 aer. trk., 1 hose wag., 1 supply wag.; hose, cot., rub. lined, gd., 3,000 ft.; rub., gd., 800 ft.; inf., 700 ft.; tot. hose, 4,500 ft.; f. al., wh. & bell; val. equip., \$5,000; val. bldgs., \$10,000; exp. dept., \$1,150; tot. mem. 18, pd. full time 1; undrs. rating, second class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to res. & dir.; res. cap., 800,000 gals.; loc. near station; 2 pump. eng., size 16 x 18 x 12, cap. day 2,000,000 gals.; mains, iron, 20 m., 4 to 12 in. dia.; 85 hyd.; 26 v.; met., 1,048; 1,048 serv.; pipe, lead; pres., dom. 75 to 80 lbs., f. 100 to 150 lbs.; cons. day, 300,000 gals.; wks. owned by city.

HEBRON, p. 821; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., c. hand ex., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 250 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$500; exp. dept., \$100; tot. mem., 25 vol. Waterwks. to be installed.

HOBERT, p. 1,753; f. area, 6 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hand eng., 5 c. hand ex., 1 h. & 1 trk., 25 rub. buckets, 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; val. equip., \$1,500; val. bldgs., \$500; tot. mem., 30 vol.

Water Supply—Src., creek, 3 blocks bus. cent.; sys., pump to res. & stdp.; stdp. cap., 51,000 gals.; res. cap., 10,500 gals.; 1 pump. eng., cap. day, 144,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 38 hyd.; 125 serv.; 6 v.; 6 met.; pres., dom. 40 lbs., f. 60 lbs.; cost, \$23,000; cost mtce., \$1,250; wks. owned by city.

HOWELL, p. 1,421; merc. bldgs., wd. F. dept.—1 hand eng., 1 gas eng.; hose, 1,400 ft.; tot. mem., 8 vol.

Water Supply—Not reported.

HUNTINGBURG, p. 2,464; f. area, 1,040 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk., 8 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$7,000; exp. dept., \$205; tot. mem. 10, pd. part time.

Water Supply—Src., 2 artificial lakes, cap. 100,000,000 gals., 1½ m. bus. cent.; sys., pump to stdp. & dir.; 2 stdp. cap. 247,000 gals.; 2 pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. l., 10 m., 4 to 12 in. dia.; 50 hyd.; met., 90; 425 serv.; pres., dom. 65 lbs., f. 85 to 100 lbs.; cost, \$52,000; cost mtce., \$2,500; wks. owned by city.

HUNTINGTON, p. 10,272; f. area, 5,500 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 4 c. hand ex., 2 comb. c. & h. wag., 1 h. & 1 trk., 6 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; rub., gd., 350 ft.; tot. hose, 4,350 ft.; f. al., Gamewell, 20 bx.; val. equip., \$15,850; val. bldgs., \$11,000; exp. dept., \$8,500; tot. mem. 11, pd. full time.

Water Supply—Src., lake, 1½ m. bus. cent.; sys.,

pump to stdp. & dir.; stdp. mat., stl.; 3 pump. eng., cap. day 4,216,000 gals.; mains, c. l., 26 m., 4 to 14 in. dia.; 241 hyd.; 125 v.; met., 1,190; 1,800 serv.; pipe, lead; pres., dom. 50 lbs., f. 50 to 100 lbs.; cons. day, 1,200,000 gals.; cost, \$187,000; cost mtce., \$5,000; wks. owned by city.

HYMERA, p. 1,515; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., tel.; val. equip., \$2,000; val. bldgs., \$3,500; exp. dept., \$100; tot. mem., 11 vol.

Water Supply—Not reported.

INDIAN HARBOR, F. dept.—3 hose carts; hose, 3,000 ft.; f. al., wh.

Water Supply—Src., Lake Michigan; sys., pump dir.; 3 pumps, cap. day 500,000 gals.; mains, 3 m.; 30 hyd.; pres., 90 lbs.

INDIANAPOLIS, p. 238,650; f. area, 35 m.; merc. bldgs., bk., 1 to 12 stor.; priv., stn., bk. & wd., 1 to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—14 str., 1 in reserve, 3 c. eng. on wls., 2 auto. comb. wag., 77 c. hand ex., 1 auto. h. & 1 trk., 4 h. & 1 trk., 4 comb. trk., 2 aer. trk., 1 water tower, 2 auto. squad wag. with c. tk., 2 chief's auto., 3 chief's wag., 1 fuel wag., 1 supply wag., 25 hose wag., 3 in reserve, 118 hrs.; hose, 55,134 ft.; f. al., Gamewell, 320 bx.; exp. dept., \$347,408; tot. mem., 312, pd. full time.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump dir.; res. cap. 18,000,000 gals., loc. near station; 13 pump. eng., class cross comp., cap. day 99,000,000 gals.; mains, c. l., 340.24 m., 4 to 36 in. dia.; 2,386 hyd.; 2,642 v.; met., 2,032; 28,341 serv.; pipe, lead; pres., dom. 65 to 75 lbs., f. 120 lbs.; cons. day, 20,211,900 gals.; cost, \$5,000,000; wks. owned by Co.

JASONVILLE, p. 3,295; f. area, 400 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 hose reels; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 250 ft.; inf., 200 ft.; tot. hose, 950 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 5 vol.

Water Supply—Src., 8 deep wells, 1 m. bus. cent.; sys., dir. pres.; res. cap., 250,000 gals.; 2 pump. eng.; cap. day, 360,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 50 hyd.; 25 v.; met., 12; pipe, galv. i.; pres., dom. 65 lbs., f. 120 lbs.; cons. day, 7,000 gals.; cost, \$80,000; wks. owned by Corp.

JASPER, p. 2,196; f. area, 800 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; combt. ord.; causes of f. not inv. F. dept.—1 h. & 1 trk., 4 hose car., 3 hose reels; hose, cot., rub. lined, gd., 2,400 ft.; f. al., bell & wh.; val. equip., \$500; exp. dept., \$50; tot. mem. 15, pd. part time; undrs. rating, first class.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to res.; res. cap., 1,300,000 gals., loc. on hill near town; 2 pump. eng., cap. day 1,200,000 gals.; mains, 8½ m., 4 to 10 in. dia.; 58 hyd.; met., 125; 82 serv.; pipe, iron; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 250,000 gals.; cost, \$25,000; cost mtce., \$300; wks. owned by town.

JEFFERSONVILLE, p. 10,412; f. area, 600 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 hand ex., 1 comb. c. & h. wag., 1 c. eng., 2 c. hand ex., 2 hose carts, 2 hose car., 8 hrs.; hose, cot., rub. lined, gd., 3,100 ft.; f. al., tel.; val. equip., \$6,500; val. bldgs., \$6,650; exp. dept., \$4,750; tot. mem. 15, pd. full time 11, pd. part time 4.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 250,000 gals.; dim., 15 x 150; pump. eng., class comp. dup., cap. day 3,500,000 gals.; mains, 15 m., 8 to 16 in. dia.; 149 hyd.; 1,100 serv.; pres., dom. 65 lbs., f. 90 to 100 lbs.; cost, \$200,000; cost mtce., \$4,500; wks. owned by priv. Corp.

JONESBORO, p. 1,573; f. area, 500 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 h. & 1 trk., 6 c. hand ex., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$300; exp. dept., \$80; tot. mem., 20 vol.

Water Supply—Src., wells; sys., 2 pump eng.; mains, 4½ m.; 37 hyd.; cost, \$31,000; wks. owned by Co.

KENDALLVILLE, p. 4,981; f. area, 125 a.; bldgs., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—4 hand ex., 1 h. & l. trk., 1 comb. c. & h. trk., 2 hose carts; hose cot., rub. lined, gd., 2,700 ft.; fair, 300 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$4,700; val. bldgs., \$30,000; tot. mem., 17, 2 pd. full time, 15 vol.; undrs. rating, first class.

Water Supply—Src., wells & lake; sys., pump, dir.; 2 pump. eng., class comp. dup., cap. day 1,750,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; 76 hyd.; 50 v.; 750 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 80 to 110 lbs.; cost, \$75,000; cost mtce., \$2,500; wks. owned by city.

KENTLAND, p. 1,209; f. area, 40 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose carts; hose cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$500; exp. dept., \$200; tot. mem., 12 vol.

Water Supply—Src., 2 deep wells; sys., pump to stdp. & dir.; stdp. cap., 47,000 gals.; dim., 20 x 20; mat., pine & stl.; res. cap., 30,000 gals.; 3 pump. eng., class dup., cap. day 1,152,000 gals.; mains, 5 m., 4 to 8 in. dia.; 30 hyd.; 60 v.; 425 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 85 to 130 lbs.; cons. day, 80,000 gals.; cost \$25,000; cost mtce., \$1,000; wks. owned by city.

KIRKLIN, p. 699. F. dept.—2 hand c. eng.; hose, 100 ft.

Water Supply—Src., wells.

KNIGHTSTOWN, p. 2,008; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose wag.; hose cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$8,000; tot. mem., 15 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals., dim. 12 x 11½, loc. 22 ft. above high point in town; mat., boiler i.; res. cap., 200,000 gals., loc. at station; 2 pump. eng., class horizontal comp. dup., cap. day 2,000,000 gals.; mains, c. i., 7 m., 4 to 12 in. dia.; 65 hyd.; 26 v.; met., 58; 400 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 115 lbs.; cons. day, 150,000 gals.; cost, \$26,000; cost mtce., \$2,000; wks. owned by city.

KNOX, p. 1,644; f. area, over 1 sq. m.; bldgs., bk. & wd.; wd. rfs. perm. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose carts; hose cot., rub. lined, gd., 1,150 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir. pres.; stdp. cap., 40,000 gals.; 1 pump. eng., class dup.; 42 hyd.; pres., dom. 47 lbs.

KOKOMO, p. 17,010; f. area, 2,000 a.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 6 hand ex., 1 h. & l. trk., 2 hose wag., 5 hose car., 9 hrs.; hose cot., rub. lined, gd., 4,500 ft.; inf., 1,000 ft.; tot. hose, 5,500 ft.; f. al., Gamewell; val. equip., \$3,550; val. bldgs., \$20,000; exp. dept., \$9,687.50; tot. mem., 16, pd. full time.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump dir.; res. cap., 750,000 gals.; 3 pump. eng., cap. day 8,000,000 gals.; mains, 42 m., 4 to 12 in. dia.; 390 hyd.; met., 268; 890 serv.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 1,600,000 gals.; cost, \$102,000; wks. owned by Co.

LADOGA, p. 1,148; f. area, 3 blocks; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hand eng., 2 hose carts, 2 hose car.; hose cot., rub. lined, gd., 600 ft.; inf., 300 ft.; tot. hose, 900 ft.; f. al., bell; val. equip., \$1,500; exp. dept., \$30; tot. mem., 20 vol.; undrs. rating, fourth class.

Water Supply—Src., cisterns & wells.

LAFAYETTE, p. 20,081; f. area, 1,280 a.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 c. eng. on wks., 9 c. hand ex., 1 h. & l. trk., 2 hose wag., 4 hose carts, 14 hrs.; hose cot., rub. lined, gd., 5,000 ft.; inf., 4,700 ft.; tot. hose, 9,700 ft.; f. al., Gamewell, 45 bx.; val. equip., \$25,000; val. bldgs., \$35,000; exp. dept., \$20,763; tot. mem., 25, pd. full time.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to res. & dir.; res. cap., 4,200,000 gals.; 4 pump. eng., cap. day 12,000,000 gals.; mains, c. i., 54 m., 4 to 20 in. dia.; 888 hyd.; 468 v.; met., 204; 4,514 serv.; pipe, lead; pres., dom. & f. 85 to 90 lbs.; cons. day, 3,629,000 gals.; cost, \$1,467,354; cost mtce., \$27,608; wks. owned by city.

LA GRANGE, La Grange Co., p. 1,772; merc. bldgs., bk. & wd., 2 & 4 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose cot., rub. lined, gd., 2,500 ft.; f. al., telp.; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 44 vol.

Water Supply—Src., wells; sys., pump dir.; 2 pump. eng., cap. day 1,500,000 gals.; mains, 5 m., 4 to 10 in. dia.; 58 hyd.; 275 serv.; pipe, galv. i.; pres., dom. 60 to 80 lbs., f. 125 lbs.; cost, \$20,800; cost mtce., \$6,500; wks. owned by town.

LA PORTE, p. 10,525; f. area, 2,000 a.; merc. bldgs., bk., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 auto. comb. c. eng. & h. wag., 1 hand hose reel, 1 chief's buggy, 5 hrs.; hose, rub. lined, gd., 5,600 ft.; f. al., Gamewell, 30 bx.; val. equip., \$25,045; val. bldgs., \$17,000; exp. dept., \$15,000; tot. mem., 15, pd. full time.

Water Supply—Src., wells, 4½ m. bus. cent.; sys., pump dir.; res. cap., 1,000,000 gals.; 2 pump. eng., class comp. cond., cap. day 7,000,000 gals.; mains, c. i., 35 m., 4 to 18 in. dia.; 264 hyd.; 249 v.; met., 43; 3,000 serv.; pipe, galv. i.; lead; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 2,500,000 gals.; cost, \$515,000; cost mtce., \$20,000 wks. owned by city.

LAWRENCEBURG, p. 3,930; f. area, 800 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 str., 1 in reserve, 6 c. hand ex., 1 h. & l. trk., 2 hose carts, 6 hrs.; hose cot., rub. lined, gd., 4,000 ft.; inf., 500 ft.; tot. hose, 4,500 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$8,000; exp. dept., \$500; tot. mem., 36 vol.

Water Supply—Priv. water Co.

LEBANON, p. 5,474; f. area, 800 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 hose wag., 2 hrs.; hose cot., rub. lined, gd., 2,400 ft.; f. al., telp.; val. equip., \$2,920; val. bldgs., \$15,000; exp. dept., \$2,910; tot. mem., 4, pd. full time; undrs. rating, third class.

Water Supply—Src., deep wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 147,000 gals.; dim., 20 x 120; mat., iron; res. cap., 500,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 18 m., 4 to 12 in. dia.; 145 hyd.; 110 v.; met., 102; 1,250 serv.; pipe, lead; pres., dom. & f., 55 lbs.; cons. day, 450,000 gals.; cost, \$75,000; cost mtce., \$8,000; wks. owned by city.

LEESBURG, p. 401; f. area, 80 a. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 1 hose cart; hose, 500 ft.; f. al., bell; val. equip., \$1,150; val. bldgs., \$200; tot. mem., 24 vol.

Water Supply—Src., cisterns.

LIBERTY, p. 1,338; f. area, 200 a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 15 c. hand ex., 1 hose wag., 1 hrs.; hose, 1,000 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$800; exp. dept., \$150; tot. mem., 7, pd. part time.

Water Supply—Src., spr., 4 blocks bus. cent.; sys., dir. pres. & pump to stdp.; stdp. cap., 75,000 gals.; 2 res. cap., 600,000 gals.; 2 pump. eng., cap. day 500,000 gals.; mains, 4 m., 4 to 8 in. dia.; 50 hyd.; 250 serv.; pres., dom. 60 lbs., f. 112 lbs.; cost, \$25,000; cost mtce., \$1,200; wks. owned by municipality.

LIGONIER, p. 2,173; f. area, 150 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. not inv. F. dept.—1 h. & l. trk., 3 hose carts; hose cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh. & telp.; exp. dept., \$450; tot. mem., 43 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 20 x 30; mat., stl. & wd.; pump. eng., class dup., size 14 x 8½ x 10, cap. day 1,500,000 gals.; mains, c. i., 9 m., 4 to 8 in. dia.; 40 hyd.; 32 v.;

met., 111; 450 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 125 lbs.; cost, \$90,000; cost mtce., \$2,400; wks. owned by city.

LINDEN, p. 556. F. dept.—1 c. eng., 1 hand eng.; hose, 350 ft.; tot. mem., 20 vol.

Water Supply—Src., cisterna.

LINTON, p. 5,906; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, 1,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$1,800; tot. mem., 10 vol.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump dir.; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. l., 12.2 m., 4 to 12 in. dia.; 79 hyd.; 66 v.; met., 65; 900 serv.; pipe, galv. & wrt. i.; pres., dom. 60 lbs., f. 90 lbs.; cost, \$114,000; wks. owned by Co.

LOGANSPOUT, p. 19,050; f. area, 2,200 a.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 1 chiefs' wag., 2 hose wag., 1 hose car, 9 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; inf., 1,000 ft.; tot. hose, 8,000 ft.; f. al., Gamewell, 62 bx.; val. equip., \$25,800; val. bldgs., \$25,000; exp. dept., \$18,986; tot. mem. 21, pd. full time; undra. rating, first class.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump dir.; 5 pump. eng., cap. day 15,000,000 gals.; mains, c. l., 41 m., 4 to 22 in. dia.; 217 hyd.; 320 v.; met., 4; 3,885 serv.; pipe, lead; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 5,000,000 gals.; cost, \$111,000; cost mtce., \$16,000; wks. owned by city.

LOGOOTE, p. 2,154; f. area, 600 a.; merc. bldgs., bk., 1 to 2 stor.; priv., bk. & wd., 1 ½ stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,450 ft.; rub. gd., 300 ft.; tot. hose, 1,750 ft.; f. al., bell & wh.; val. equip., \$1,000; exp. dept., \$300; tot. mem., 17 vol.

Water Supply—Src., wells; sys., pump. to stdp.; stdp. cap., 40,000 gals.; res. cap., 50,000 gals.; 1 pump. eng., cap. day 47,250 gals.; mains, 1 m.; 14 hyd.; cost, \$8,000; cost mtce., \$250; wks. owned by city.

LOWELL, p. 1,235; f. area, 120 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., bk. & wd., 2 stor.; wd. bldgs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell, 14 bx.; val. equip., \$1,400; val. bldgs., \$800; exp. dept., \$50; tot. mem., 30 vol.

Water Supply—Src., well; sys., grav. & pump to stdp.; stdp. cap., 70,000 gals.; dim., 100 x 10; 2 pump. eng.; mains, 8 m.; 24 hyd.; 350 serv.; pres., dom. 40 lbs., f. 120 lbs.; cost, \$17,000; cost mtce., \$1,500; wks. owned by town.

MADISON, p. 6,934; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 1 h. & l. trk., 1 hose wag., 5 hose car, 12 hrs.; hose, rub. gd., 4,000 ft.; inf., 1,000 ft.; tot. hose, 5,000 ft.; f. al., Gamewell, 24 bx.; val. equip., \$25,000; val. bldgs., \$10,000; tot. mem., 158 vol.

Water Supply—Src. riv.; sys., pump to res.; res. cap., 1,440,000 gals.; 2 pump. eng., class vert. comp. cond., cap. day 2,000,000 gals.; mains, 14 m., 4 to 12 in. dia.; 125 hyd.; 900 serv.; pipe, iron; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 600,000 gals.; cost, \$100,000; cost mtce., \$7,600; wks. owned by city.

MARION, Grant County, p. 19,859; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfa. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 17 c. hand ex., 1 comb. hose, c. & ladder wag., 1 comb. hose & l. wag., 1 comb. c. & h. wag., 2 hose wag., 1 hose reel, 13 hrs.; hose, cot., rub. lined, gd., 12,000 ft.; inf., 1,500 ft.; tot. hose, 13,500 ft.; f. al., Gamewell, 37 bx.; val. equip., \$32,200; val. bldgs., \$19,000; tot. mem. 49, pd. full time 26, 23 vol.

Water Supply—Src., wells; sys., pump dir.; res. cap., 8,000,000 gals.; 2 pump. eng., class trip. & dup., cap. day 9,000,000 gals.; mains, c. l., 42 m., 4 to 20 in. dia.; 346 hyd.; 286 v.; met., 793; 3,400 serv.; pipe, lead; pres., dom. 50 lbs.,

f. 180 lbs.; cons. day, 1,704,790 gals.; cost, \$310,000; cost mtce., \$17,500; wks. owned by city.

MARKLE, p. 820; f. area, 640 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas eng., 1 hose reel, c. hand ex.; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$2,500; val. bldgs., \$400; exp. dept., \$25; tot. mem., 16 vol.; undra. rating, fifth class.

Water Supply—Src., cisterna & riv., ¼ m. bus. cent.; sys., pump; cistern cap., 1,400 bbls.; 1 pump. eng.; cost, \$5,000; wks. owned by city.

MARTINSVILLE, p. 4,529; f. area, 10 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 500 ft.; 1,000 ft. rub.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., telp.; val. equip., \$2,000; exp. dept., \$1,000; tot. mem. 20, pd. part time.

Water Supply—Src., well, ½ m. bus. cent.; sys., pump dir.; 3 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, 11 m., 4 to 10 in. dia.; 84 hyd.; 600 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 80 to 120 lbs.; cons. day, 500,000 gals.; cost, \$33,000; cost mtce., \$5,000; wks. owned by city.

MATTHEWS, Grant County, p. 888. F. dept.—8 c. hand ex., 1 c. eng., 1 h. & l. trk.; f. al., telp., bell; val. equip., \$500; tot. mem., 20.

Water Supply—Not reported.

MICHIGAN CITY, p. 10,027; f. area, 70 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 to 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 3 comb. c. & h. wag., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 5,300 ft.; rub. gd., 1,300 ft.; inf., 400 ft.; tot. hose, 6,900 ft.; f. al., Gamewell, 35 bx.; val. equip., \$26,000; val. bldgs., \$31,000; exp. dept., \$22,500; tot. mem. 42, pd. full time 16, pd. part time 26.

Water Supply—Src., Lake Michigan, ¼ m. bus. cent.; sys., pump dir.; 3 pump. eng., cap. day 10,000,000 gals.; mains, c. l., 40 m., 6 to 20 in. dia.; 285 hyd.; 60 v.; met., 20; 1,800 serv.; pipe, lead, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 5,000,000 gals.; cost mtce., \$10,000; wks. owned by city.

MIDDLETOWN, p. 1,174; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 ½ stor.; wd. rfa. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,800 ft.; rub. gd., 1,800 ft.; tot. hose, 2,600 ft.; f. al., wh.; val. equip., \$1,080; val. bldgs., \$400; tot. mem. 21, pd. part time.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump dir. to mains; res. cap., 120,000 gals.; loc. at pump station; 2 pump. eng., class comp. dup.; cap. day, 150,000 gals.; mains, c. l., 5 m., 4 to 10 in. dia.; 40 hyd.; 20 v.; 265 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 120,000 gals.; cost, \$25,000; cost mtce., \$2,000; wks. owned by city.

MILFORD, p. 169. F. dept.—1 h. & l. trk., 2 hose carts; f. al., telp.; hose, 500 ft. cot., rub. lined; tot. mem., 33.

Water Supply—Sys., pump to stdp. & dir.; stdp. cap., 83,000 gals.; 1 pump, cap. 720,000 gals. day; mains, 2 1-3 m., 8 to 4 in. dia.; 22 hyd.; pres., 90 lbs.

MILLER, p. 800; f. area, 4,586 a.; merc. bldgs., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 2 c. hand ex.; f. al., bell; val. equip., \$500; exp. dept., \$100; tot. mem., 20 vol.

Water Supply—Not reported.

MILLERSBURG, p. 428. F. dept.—1 h. & l. trk.; hose, 200 ft.; f. al., bell; vol.

Water Supply—Not reported.

MISHAWAKA, p. 11,886; f. area, 1,600 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., st., bk. & conc., 1 to 3 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. hose wag., 1 auto. comb. c. trk.; hose, cot., rub. lined, 5,000 ft.; f. al., elec., 29 bx.; val. equip., \$40,000; val. bldgs., \$16,000; tot. mem. 72, pd. full time 12, 60 vol.

Water Supply—Src., riv., sys., pump dir.; 5 pump. eng., cap. day 12,000,000 gals.; mains, 25

m., 4 to 20 in. dia.; 175 hyd.; 242 v.; 190 met.; 1,700 serv.; pipe, galv. l. & lead; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 3,000,000 gals.; cost, \$53,384; cost mtce., \$17,000; wks. owned by city.

MONON, p. 1,184; f. area, 180 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 2 c. eng. on wls., 1 h. & l. trk.; hose, cot., rub. lined, gd., 200 ft.; inf., 260 ft.; tot. hose, 450 ft.; f. al., bell; val. equip., \$1,300; val. bldgs., \$1,500; exp. dept., \$95; tot. mem., 15 vol.

Water Supply—Src., wells & creek.

MONROEVILLE, p. 910. F. dept.—1 hand eng., 1 hose cart, 1 h. & l. trk., 6 Babcock c. ex.; hose, cot., rub. lined, 1,000 ft.; tot. mem., 16.

Water Supply—Src., wells & cisterns, 500 bbls. cap. each.

MONTICELLO, p. 2,168; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; val. equip., \$1,350; val. bldgs., \$800; tot. mem., 25 vol.; undrs. rating, second class.

Water Supply—Src., wells, 1,000 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 126,550 gals.; dim. 14 x 110, loc. centrally, mat. steel; 2 comb. dup. pump. eng., cap. day 1,000,000 gals.; mains, c. l., 6½ m., 4 to 10 in. dia.; 55 hyd.; 15 v.; met., 15; 290 serv.; pipe, lead & iron; pres., dom. 38 lbs., f. 60 lbs.; cost, \$32,000; wks. owned by city.

MONTPELIER, p. 2,786; f. area, 300 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng. on wls., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; inf., 600 ft.; tot. hose, 2,400 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$3,000; exp. dept., \$350; tot. mem., 40 vol.

Water Supply—Src., wells; sys., pump dir.; res. cap., 400,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, 6 m.; 40 hyd.; 40 serv.; pipe, lead; pres., dom. 40 lbs., f. 40 to 100 lbs.; cost, \$41,500; wks. owned by Co.

MOORESVILLE, p. 1,608. F. dept.—3 hose reels; hose, 1,500 ft.; f. al., telp. & wh.; tot. mem., 12, part pd. & vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 50,000 gals.; 1 pump., class dup., cap. day 500,000 gals.; mains, 3 m., 4 to 8 in. dia.; 25 hyd.; 7 v.

MOROCCO, p. 927. F. dept.—2 c. eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 200 ft.; tot. mem., 18 vols.

Water Supply—Not reported.

MT. VERNON, Posey Co., p. 3,563; merc. bldgs., bk., 2 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 1,700 ft.; f. al., bell, wh. & telp.; val. equip., \$3,500; exp. dept., \$1,450; tot. mem., 11, pd. full time.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 196,000 gals.; dim. 16 x 130, loc. 1¼ m. station, mat. stl.; 4 pump. eng., class 3 high, 1 low serv., cap. day 4,000,000 gals.; 15 m. mains, c. l., 6 to 12 in. dia.; 100 hyd.; 1,186 serv.; met., 99; pipe, lead & galv. l.; pres., dom. 75 lbs., f. 115 lbs.; wks. owned by Co.

MUNCIE, p. 24,005; f. area, 60 a.; merc. bldgs., stn. & bk., 2 to 6 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 3 comb. c. & h. wag., 4 c. hand ex., 1 h. & l. trk., 3 hose wag., 1 chief's auto., 11 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; rub., gd., 250 ft.; inf., 700 ft.; tot. hose, 7,450 ft.; f. al., Gamewell, 50 bx.; val. equip., \$25,000; val. bldgs., \$16,000; exp. dept., \$24,832.41; tot. mem., 22, pd. full time; undrs. rating, third class.

Water Supply—Src., wells & riv.; sys., pump dir.; 5 pump. eng., cap. day 15,000,000 gals.; mains, 39 m., 4 to 16 in. dia.; 259 hyd.; 60 v.; 2,792 serv.; pres., dom. 40 lbs., f. 125 to 150 lbs.; wks. owned by Co.

NAPANEE, p. 2,260; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.

—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; inf., 500 ft.; tot. hose, 2,300 ft.; f. al., bell & wh.; tot. mem., 25 vol.

Water Supply—Src., well, 1½ blocks bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; dim., 20 x 24; mat., stl.; 1 pump. eng., cap. day 370,000 gals.; mains, 6 m., 4 to 8 in. dia.; 42 hyd.; met., 35; 310 serv.; pipe, galv. l.; pres., dom. 40 lbs., f. 125 lbs.; cons. day, 35,000 gals.; cost, \$22,000; cost mtce., \$2,800; wks. owned by city.

NEW ALBANY, p. 20,629; f. area, 3,840 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 1 h. & l. trk., 1 hose wag. with ladders, 3 hose reels, 14 hrs.; hose, rub., gd., 6,000 ft.; inf., 1,400 ft.; tot. hose, 7,400 ft.; f. al., Gamewell & Gaynor, 35 bx.; val. equip., \$12,000; val. bldgs., \$24,500; exp. dept., \$19,500; tot. mem., 22, pd. full time; undrs. rating, second class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav. & pump to res.; res. cap., 27,000,000 gals.; loc. 300 ft. above level of riv.; pump. eng. & motor, cap. day 5,000,000 gals.; mains, c. l., 25 m., 1 to 24 in. dia.; 220 hyd.; met., 200; 3,000 serv.; pipe, lead & galv. l.; pres., f. 80 lbs.; wks. owned by Co.

NEWBURG, p. 1,097; merc. bldgs., bk. & wd. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose car.; hose, 700 ft.; f. al., bell.

Water Supply—Src., cisterns.

NEW CARLISLE, p. 612. F. dept.—1 h. & l. trk., 1 hose cart, 1 hose car.; hose, cot., rub. lined, 1,000 ft.; f. al., bell; tot. mem., 20.

Water Supply—Src., 5 wells; sys., pump dir.; stdp. cap., 38,000 gals.; 2 pumps, class dup., cap. 750,000 gals. day; 2½ m. mains, 4 to 6 in. dia.; 18 hyd.

NEW CASTLE, Henry Co., p. 9,446; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 ladders, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub., inf., 1,500 ft.; tot. hose, 4,000 ft.; f. al., elec., 35 bx.; tot. mem., 38, pd. full time 5, vol. 33.

Water Supply—Src., 13 wells; sys., pump dir.; 2 pump. eng., class hor. dup., cap. day 8,000,000 gals.; mains, 37 m., 4 to 12 in. dia.; 187 hyd.; met., 151; 2,380 serv.; pres., dom. 100 lbs., f. 125 to 150 lbs.; cons. day, 1,500,000 gals.; cost, \$125,000; cost mtce., \$20,000; wks. owned by city.

NEW HARMONY, p. 1,229; f. area, 180 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 hand eng., 12 c. hand ex., 2 h. & l. trk., 2 hose wag., 3 hose carts; hose, cot., rub. lined, gd., 900 ft.; f. al., bell & wh.; val. equip., \$650; val. bldgs., \$3,000; exp. dept., \$60; 25 vol.

Water Supply—Src., wells, riv. & cisterns; 5 hyd.; waterwks. contemplated.

NEW HAVEN, p. 1,038. F. dept.—1 h. & l. trk., 1 hose cart, 1 hose car.; hose, 800 ft.; tot. mem., 20.

Water Supply—Src., artesian wells; sys., pump to res. & dir.; 3 pump. eng., cap. day 340,000 gals.; mains, 3 m., 4 to 8 in. dia.; 20 hyd.; 3 v.; pres., dom. 25 to 40 lbs., f. 80 to 100 lbs.; wks. owned by city.

NEW PALESTINE, p. 450. F. dept.—1 c. eng., 1 hand eng., 1 hose cart, 1 h. & l. trk.; hose, 800 ft.; elec. al., 5 bx.; tot. mem., 20 vol.

Water Supply—Src., cisterns.

NOBLESVILLE, p. 5,073; f. area, 586 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 3 hose carts, 3 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 1,000 ft.; inf., 200 ft.; tot. hose, 3,700 ft.; f. al., Gamewell, 8 bx.; val. equip., \$7,755; val. bldgs., \$4,000; exp. dept., \$2,579; tot. mem., 3, pd. full time.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res. & dir.; res. cap., 15,000 bbls.; pump. eng., cap. day 3,000,000 gals.; mains, c. l., 12¼ m., 4 to 12 in. dia.; 105 hyd.; met., 100; 800 serv.; pipe, lead; pres., dom. 40 lbs., f. 80 to 120 lbs.; cost, \$100,000; cost mtce., \$5,000; wks. owned by Co.

NORTH JUDSON, p. 1,143. F. dept.—1 gas eng., 1 hose reel, 12 c. hand ex.; f. al., bell; val.

equip., \$15,000; val. bldgs., \$5,000; exp. dept., \$50; tot. mem., 12 vol.

NORTH MANCHESTER, p. 2,428; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1 & 2 stor. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 c. eng., 1 h. & l. trk., 1 hose wag., 1 hose reel, 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 1,200 ft.; inf., 400 ft.; tot. hose, 3,100 ft.; val. equip., \$3,000; val. bldgs., \$4,000; exp. dept., \$1,500; tot. mem., 11, pd. full time 1, pd. part time 2, vol. 8; undra. rating, third class.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 160,000 gals.; dim., 18 x 110; mat., stl.; res. cap., 65,000 gals.; 2 pump. eng., class dup., cap. day 225,000 gals.; mains, 8 m., 4 to 10 in. dia.; 63 hyd.; 28 v.; met., 425; 224 serv.; pipe, galv. i.; pres., dom. 43 lbs., f. 100 lbs.; cons. day, 325,000 gals.; cost, \$30,000; cost mtce., \$3,000; wks. owned by city.

NORTH VERNON, p. 2,915; f. area, 250 a.; bldgs., frame & bk., 1, 2 & 3 stor.; wd. rfs. not perm. in f. area. F. dept.—1 str., 2 h. & l. trk., 2 hose car., 4 c. ex.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., telp.; val. equip., \$7,600; val. bldgs., \$300; exp. dept., \$250; tot. mem., 23, pd. part time 1, vol. 22; undra. rating, second class.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; stdp. cap., 85,000 gals.; dim., 12 x 100; mat., stl. & stn.; res. cap., 30,000,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,325,000 gals.; mains, 5 m., 4 to 10 in. dia.; 55 hyd.; 12 v.; 250 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 140 lbs.; cons. day, 255,000 gals.; cost, \$30,000; cost mtce., \$1,200; wks. owned by city.

OAKLAND CITY, p. 2,370; f. area, 1,500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose cart, 5 hand ladders; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; tot. mem., 12 vol.; undra. rating, fourth class.

Water Supply—Src., lake, $\frac{3}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 65,000 gals.; dim., 19 x 30; mat., stl.; res. cap., 75,000,000 gals.; loc. $\frac{3}{4}$ m. city; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i. 5 $\frac{1}{2}$ m., 8 to 10 in. dia.; 11 met.; 40 hyd.; 14 v.; 450 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 80 to 100 lbs.; cost, \$40,000; cost mtce., \$600; wks. leased by Co. to city.

ODON, p. 1,064. F. dept.—2 c. eng., 1 h. & l. trk.; hose, 200 ft.; f. al., wh.; 32 vol.

Water Supply—Src., wells.

OLDENBURG, p. 958; f. area, 160 a. F. dept.—2 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 400 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$10; vol. dept.; undra. rating, fourth class.

Water Supply—Src., cisterns & wells; sys., hand pumps.

ORLEANS, p. 1,367; f. area, 240 a.; merc. bldgs., bk. & wd., 2 stor. F. dept.—12 c. hand ex., 1 h. & l. trk.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., wells & cisterns.

OSGOOD, p. 1,500; f. area, 250 a.; merc. bldgs., bk., 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 800 ft.; inf., 250 ft.; tot. hose, 1,050 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$50; tot. mem., 32, pd. part time 4, vol. 28; undra. rating, second class.

Water Supply—Src., wells & cisterns.

OWENSVILLE, p. 1,237; f. area, 100 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 $\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area. F. dept.—2 c. eng. on wls., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 3 hose carts; hose, rub. gd., 500 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$900; exp. dept., \$50; tot. mem., 100, pd. part time 25, 75 vol.

Water Supply—Src., wells & cisterns; 1 pump. eng.; 36 hyd.

OXFORD, p. 1,010; f. area, 1 sq. m. F. dept.—1 c. eng., 2 h. & l. trk., 2 hose wag.; hose, gd., 1,000 ft.; f. al., bell; val. equip., \$2,100; val. bldgs., \$1,000; exp. dept., \$50; tot. mem., 12, pd. part time; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump dir.; 2 pump. eng., cap. day 15,000 gals.; mains, 2 $\frac{1}{2}$ m.; 30 hyd.; 16 v.; pres., dom. 55 lbs., f. 100 lbs.; cost, \$40,000; cost mtce., \$6,000.

PAOLI, p. 1,278; f. area, 620 a.; merc. bldgs., wd. & bk. F. dept.—2 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 200 ft.; tot. hose, 1,400 ft.; f. al., bell; 20 vol.

Water Supply—Src., creek, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 200,000 gals.; loc. on hill; 1 pump. eng., cap. day 150,000 gals.; mains, c. i., 3 m., 4 to 6 in. dia.; 24 hyd.; 200 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 75 lbs.; cons. day, 50,000 gals.; cost, \$9,000; cost mtce., \$1,200; wks. owned by town.

PARKER CITY, p. 800; f. area, 200 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 $\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 comb. c. & hose wag., 1 h. & l. trk., 1 hose reel; hose, rub. gd., 500 ft.; f. al., bell; val. equip., \$8,500; val. bldgs., \$800; tot. mem., 20 vol.

Water Supply—Src., wells; 1 pump, cap. 10,000 gals. day; mains, 2 m.

PENDLETON, p. 1,293; f. area, 400 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hose wag., 6 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$3,000; tot. mem., 18 vol.

Water Supply—Src., wells; sys., grav.; pres. f., 80 lbs.; wks. owned by city.

PERU, p. 10,910; f. area, 1,920 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. hand ex., 2 comb. auto. c. & h. wag., 1 h. & l. trk., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 1,500 ft.; tot. hose, 6,000 ft.; f. al., Gamewell, 16 bx.; tot. mem., 16, pd. full time 8, pd. part time 8; undra. rating, first class.

Water Supply—Src., wells & riv., 3,000 ft. bus. cent.; sys., pump to res.; res. cap., 1,500,000 gals.; loc. south pump. station; 4 pump. eng., class comp. dup. & centrif., cap. day 5,388,000 gals.; mains, c. i., 26 m., 6 to 20 in. dia.; 222 hyd.; 161 v.; met., 59; 2,590 serv.; pipe, lead; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 1,700,000 gals.; cost, \$250,000; cost mtce., \$18,000; wks. owned by city.

PETERSBURG, p. 2,170; f. area, 500 a.; merc. bldgs., bk., 1 to 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$1,000; tot. mem., 12 vol.

Water Supply—Src., riv., 1 $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 120,000 gals.; dim., 15 x 90; mat., iron; 2 pump. eng., cap. day 1,500,000 gals.; mains, 5 $\frac{1}{2}$ m., 4 to 10 in. dia.; 52 hyd.; met., 12; 175 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 156 lbs.; cons. day, 45,617 gals.; cost, \$38,000; cost mtce., \$1,000; wks. owned by city.

PIERCETON, p. 817. F. dept.—1 hose cart; hose, 1,100 ft.

Water Supply—Src., well, in bus. cent.; sys.; pump to stdp.; stdp. cap., 15,000 gals.; 24 hyd.; pres., dom. 40 lbs., f. 60 to 80 lbs.; wks. owned by city.

PLYMOUTH, p. 3,888; f. area, 500 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 8 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 2,000 ft.; inf., 100 ft.; tot. hose, 2,600 ft.; f. al., Gamewell, 29 bx.; val. equip., \$11,000; val. bldgs., \$8,000; exp. dept., \$2,000; tot. mem., 22, pd. full time 2, vol. 20.

Water Supply—Src., 5 wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 65,000 gals.; res. cap., 50,000 gals.; 4 pump. eng., class hor. dup., cap. day, 1,500,000 gals.; mains, galv. i., 9 $\frac{1}{2}$ m., 4 to 10 in. dia.; 72 hyd.; 74 v.; 620 met.; 620 serv.; pipe, c. i.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 100,000 gals.; cost, \$53,000; cost mtce., \$3,500; wks. owned by city.

PORTLAND, Jay Co., p. 5,130; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 1 $\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. on wls., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh. & telp.; val. equip., \$6,000; val. bldgs., \$3,000; exp. dept., \$2,800; tot. mem., 15, pd. full time 3, pd. part time 12.

Water Supply—Src., wells, 8 blocks bus. cent.; sys., pump dir.; 2 pump. eng., class dup., cap. day 2,000,000 gals.; mains, 12 m., 4 to 12 in. dia.; 128 hyd.; 425 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 90 lbs.; cost, \$56,000; cost mtce., \$3,000; wks. owned by city.

POSEYVILLE, p. 780. F. dept.—1 comb. c. & hand eng., 1 hand h. & l. trk.; hose, 500 ft. Water Supply—Src., cistern.

PRINCETON, p. 6,448; f. area, 600 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., Gamewell, 16 bx.; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$3,000; tot. mem. 8, pd. full time 2, 6 vol.

Water Supply—Src., riv., 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 175,000 gals.; dim., 20 x 70; loc. near station, ¼ m. town; mat., stl.; 2 pump. eng., class comp. dup., cap. day 3,125,000 gals.; mains, c. l., 20 m., 4 to 12 in. dia.; 140 hyd.; met., 10; 600 serv.; pipe, galv. l.; pres., dom. 40 to 75 lbs., f. 185 lbs.; cons. day, 750,000 gals.; cost, \$100,000; cost mtce., \$6,800; wks. owned by Co.

RED KEY, p. 1,714; merc. bldgs., bk., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 aer. trk.; val. bldgs., \$800; tot. mem., 20 vol.

REMINGTON, p. 982; f. area, 160 a.; merc. bldgs., bk. & wd.; wd. rfs. perm. F. dept.—1 hand eng., 1 hose car., water tower; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; tot. mem., 12 vol.

Water Supply—Src., deep wells; sys., pump to stdp.; stdp. cap., 60,000 gals.; 1 pump. eng., class trip., cap. day 28,800 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 25 hyd.; 10 v.; met., 165; 176 serv.; pipe, wrt. l.; pres., dom. 45 lbs., f. 90 lbs.; cons. day, 10,000 gals.; cost, \$14,000; cost mtce., \$600; wks. owned by city.

RENSELAER, p. 2,393; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 1 c. hose & c. wag., 2 hose car. & reels, 2 hrs.; hose, cot., rub. lined, gd., 2,700 ft.; f. al. teip. & wh., 79 bx.; val. equip., \$8,000; exp. dept., \$1,000; tot. mem., 10, 1 pd., 9 vol.; undrs. rating, second class.

Water Supply—Src., wells, 4 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 105,000 gals.; dim., 22 x 40; mat., iron; 3 pump. eng., cap. day, 2,160,000 gals.; mains, c. l., 8 m., 4 to 10 in. dia.; 73 hyd.; 270 serv.; 2 relief v.; pipe, galv. l. & lead; pres., dom. 60 lbs., f. 60 to 110 lbs.; cost, \$48,000; cost mtce., \$1,000; wks. owned by city.

RICHMOND, Wayne Co., p. 22,324; merc. bldgs., bk., 1 to 5 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. ladder & hose wag., 4 comb. ladder & hose wag., 1 c. eng., 16 c. hand ex., 1 h. & l. trk., 2 hose wag., 11 hrs.; hose, cot., rub. lined, 8,150 ft.; f. al., Gamewell, 62 bx.; val. equip., \$33,555; val. bldgs., \$20,000; exp. dept., \$25,522; tot. mem. 26, pd. full time; undrs. rating, first class.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump to res. & dir.; res. cap., 10,000,000 gals.; loc. 1 m. pump. station; 2 pump. eng., class hor. comp., cap. day 10,000,000 gals.; mains, c. l., 35½ m., 4 to 20 in. dia.; 325 hyd.; 262 v.; met., 3,041; 4,800 serv.; pipe, galv. l. & lead; pres., dom. 65 lbs., f. 110 lbs.; cons. day, 2,300,000 gals.; wks. owned by Co.

RIDGEVILLE, p. 1,802; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 c. eng., 1 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 400 ft.; f. al., bell; val. equip., \$450; vol.

No waterwks.

RISEING SUN, p. 1,513; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; rub., gd., 1,500 ft.; tot. hose, 3,300 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$300; tot. mem., 40 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; 3 pump. eng., cap. day 600,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 31 hyd.; 25 v.; 50 met.; 100 serv.; pres., dom. 50 lbs., f. 125 lbs.; wks. owned by priv. Co.

ROCHESTER, p. 3,364; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 c. h. & l. wag.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; exp. dept., \$1,200; tot. mem. 8, 2 pd., 6 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 106,000 gals.; dim., 12 x 125; mat., stl.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 12 m., 4 to 12 in. dia.; 90 hyd.; 30 v.; met., 80; 500 serv.; pipe, lead & galv. l.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 400,000 gals.; cost mtce., \$2,800; wks. owned by city.

ROCKPORT, p. 2,736; f. area, 700 a.; merc. bldgs., bk., 2 to 4 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—12 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hr.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$3,000; exp. dept., \$300; tot. mem., 8 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav. & dir.; stdp. cap., 60,000 gals.; dim., 20 x 24; loc. on hill at edge of town; mat., stl.; res. cap., 250,000 gals.; 2 pump. eng., class dup., cap. day, 2,500,000 gals.; mains, c. l., 5½ m., 4 to 10 in. dia.; 37 hyd.; 550 serv.; pipe, galv. l.; pres., dom. 35 to 65 lbs., f. 80 to 100 lbs.; cons. day, 250,000 gals.; cost, \$75,000; cost mtce., \$13,500; wks. owned by Co.

ROCKVILLE, p. 1,943; merc. bldgs., bk. & stn., 2 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 c. eng., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; tot. mem., 18 vol.

Water Supply—Src., well, 2½ m. town; sys., pump to res., to stdp. & dir.; stdp. cap., 30,000 gals.; dim., 18 x 15; loc. at station; mat., wd. & stl.; res. cap., 20,000 gals.; loc. at station; 3 pump. eng., class dup.; cap. day, 120,000 gals.; mains, c. l., 8½ m., 4 to 8 in. dia.; 53 hyd.; 280 serv.; 280 met.; 15 v.; pres., dom. 45 lbs., f. 75 lbs.; cons. day, 40,000 gals.; cost, \$36,000; cost mtce., \$370; wks. owned by city.

ROYAL CENTER, p. 909. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,400 ft.; inf., 150 ft.; tot. hose, 2,550 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$150; tot. mem., 25 vol.

Water Supply—Src., wells; sys., pump to tank & dir.; 1 pump; mains, 5 m., 6 in. dia.; 10 hyd.; pres., 40 lbs.

RUSHVILLE, p. 4,925; f. area, 800 a.; merc. bldgs., bk. & stn., 2 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 h. wag., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., elec., 24 bx.; val. equip., \$11,880; val. bldgs., \$4,000; tot. mem. 14, pd. full time 2, part time 12.

Water Supply—Src., well, 800 ft. bus. cent.; sys., pump to stdp. & dir. to mains; stdp. cap., 115,000 gals.; dim., 14 x 100; mat., boiler plate; pump. eng., class dup., cap. day 250,000 gals.; mains, c. l., 15 m., 4 to 12 in. dia.; 29 hyd.; met., 20; 60 serv.; pres., dom. 50 lbs., f. 60 to 75 lbs.; cost, \$300; 000; cost mtce., \$1,200; wks. owned by city.

SALEM, Washington Co., p. 2,283; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 h. & l. trk.; hose, rub. gd., 3,000 ft.; f. al., bell; tot. mem., 40 vol.; undrs. rating, third class.

Water Supply—Src., spr., sys., pump to res. & dir.; res. cap., 250,000 gals.; 2 pump. eng., cap. day 125,000 gals.; mains, 6¼ m., 4 to 8 in. dia.; 36 hyd.; 250 serv.; pipe, wrt. l.; pres., dom. 30 to 70 lbs., f. 80 to 90 lbs.; cons. day, 60,000 gals.; cost, \$28,000; cost mtce., \$9,000; wks. owned by city.

SEYMOUR, p. 6,305; f. area, 1,200 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 & 2 stor. F. dept.—1 str., 1 h. & l. trk., 1 comb. wag.; hose, rub., gd., 2,000 ft.; val. equip., \$9,000; val. bldgs., \$15,000; tot. mem. 10, pd. full time 4, vol. 6; undrs. rating, second class.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; stdp. cap., 150,400 gals.; dim., 16 x 100; mat., stl.; 3 pump. eng., class comp. dup., cap. day 3,000,000 gals.; mains, c. l., 16 m., 6 to 12 in. dia.; 152 hyd.; 62 v.; met., 61; 800 serv.; pipe, galv. l.; pres., dom. 55 lbs., f. 80 to 100 lbs.; cons. day, 600,000 gals.; wks. owned by Co.

SHELBURN, p. 2,055; f. area, 180 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 600 ft.; inf., 200 ft.; tot. hose, 800 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$500; exp. dept., \$50; tot. mem., 20 vol.; undra. rating, fifth class.

No waterwks.

SHELBURYVILLE, p. 9,500; f. area, 2 sq. m.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & hose wag., 1 h. & 1 trk., 2 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 36 bx.; val. equip., \$4,000; exp. dept., \$4500; tot. mem. 18, pd. full time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., grav., pump to stdp. & dir.; 7 wells, cap. 3,000,000 gals.; 2 pump. eng., class cross-comp. & comp. dup., cap. day 5,500,000 gals.; mains, c. l., 16 m., 4 to 16 in. dia.; 139 hyd.; 57 v.; met., 40; 1,699 serv.; pipe, galv. l.; pres., dom. 55 lbs., f. 120 lbs.; cons. day, 1,000,000 gals.; cost, \$125,000; wks. owned by Co.

SHERIDAN, p. 1,768; f. area 15 a.; merc. bldgs., bk. stn. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 1,000 ft.; tot. hose, 2,000 ft.; f. al., wh.; val. equip., \$1,800; val. bldgs., \$7,000; tot. mem., 25 vol.

Water Supply—Src., 2 wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 10,000 gals.; dim., 9 x 41; mat., stl.; res. cap., 12,000 gals.; 2 pump. eng.; cap. day, 432,000 gals.; mains, 5 m., 4 to 8 in. dia.; 53 hyd.; 12 v.; 2 met.; 95 serv.; pipe, lead & galv. l.; pres., dom. 35 to 40 lbs., f. 40 lbs.; cons. day, 25,000 gals.; cost, \$35,000; wks. owned by private Co.

SHOALS, p. 1,200; f. area, 200 a. F. dept.—3 c. eng.; f. al., bell; val. equip., \$600; val. bldgs., \$100; vol.

No Water Works.

SOUTH BEND, p. 53,684; f. area, 4,500 a.; merc. bldgs., stn. & bk., 1 to 6 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. c. eng., 1 auto. chiefs car, 23 c. hand ex., 2 h. & 1 trk., 9 hose wag., 25 hrs.; hose, 19,100 ft.; f. al., Gamewell, 159 bx.; val. equip., \$74,688; val. bldgs., \$68,337; exp. dept., \$74,074; tot. mem. 66, pd. full time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 30,000 gals.; dim., 5 x 225; mat., iron & bk.; res. cap., 320,000 gals.; loc. cent. city; 4 pump. eng., class dup., cap. day 14,000,000 gals.; mains, iron, 108 m., 4 to 24 in. dia.; 1,019 hyd.; 1,086 v.; met., 2,500; 11,000 serv.; pipe, lead & galv. l.; pres., dom. 75 lbs., f. 97 lbs.; cons. day 5,000,000 gals.; cost, \$572,641; cost mtce., \$33,967; wks. owned by city.

SOUTH WHITLEY, p. 1,176; f. area, 340 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose reel; hose, cot., rub. lined, gd., 900 ft.; rub., gd., 600 ft.; tot. hose, 1,500 ft.; f. al., wh.; val. equip., \$1,200; val. bldgs., \$300; exp. dept., \$72; tot. mem., 20 vol.

Water Supply—Src., wells; sys., pump dir.; 2 pump. eng., class comp., cap. day 500,000 gals.; mains, 3 m., 8 to 10 in. dia.; 48 hyd.; 47 serv.; pipe, lead; pres., dom. 40 lbs., f. 100 lbs.; cost, \$15,000; cost mtce., \$1,000; wks. owned by town.

SPENCER, p. 2,150; f. area, 180 a.; merc. bldgs., -tn., wd. & bk.; wd. rfs. perm. F. dept.—1 h. & 1 trk., 4 hose reels; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell & wh.; exp. dept., \$325; tot. mem., 17 vol.

Water Supply—Src., cisterns & wells; sys., pump; 2 pump. eng., class dup., cap. day, 1,000,000 gals.; mains, 5 m., 4 to 8 in. dia.; 25 v.; 41 hyd.; pres., dom. 50 lbs.; wks. owned by private Co.

SPICELAND, p. 622; f. area, 320 a. F. dept.—2 c. eng., 1 h. & 1 trk.; val. equip., \$500; val. bldgs., \$600; tot. mem., 26 vol.

No waterwks.

SULLIVAN, p. 4,115; f. area, 1,000 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., stn., bk. & wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 1 h. & 1 trk., 1 hose reel; hose, cot., rub. lined, gd., 750 ft.; rub., gd., 500 ft.; tot. hose, 1,250 ft.; f. al., telp.; val. equip., \$3,500 val. bldgs., \$15,000; exp. dept., \$3,000; tot. mem., 8, pd. full time 1, part time 7.

Water Supply—Src., creek, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 165,000 gals.; dim., 12 x 100; mat., stl.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 8 m., 4 to 12 in. dia.; 44 hyd.; 8 serv.; pipe, galv. l.; pres., dom. 40 lbs., f. 125 lbs.; cost, \$33,500; wks. owned by city.

SUMMITVILLE, p. 1,887; bldgs., bk. & wd. F. dept.—1 h. & 1 trk., 1 hose cart; hose, 600 ft.; f. al., wh.; tot. mem., 7 vol.

Water Supply—Src., wells; sys., pump; cap. day, 750,000 gals.; res. cap., 110,000 gals.; 25 hyd.

SYRACUSE, p. 1,879. F. dept.—2 hand hose reels, 1 h. & 1 trk.; hose, 900 ft.; f. al., telp.; 22 vol.

Water Supply—Src., Syracuse lake; stdp. cap., 46,000 gals.; 2 pump. eng., class trip., cap. day 1,000,000 gals.; mains, 4 m., 4 to 8 in. dia.; 22 hyd.; pres., dom. 35 to 40 lbs., f. 100 lbs.

TELL CITY, p. 3,369; f. area, 1 $\frac{1}{2}$ sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk., 2 reels, 5 hose carts; hose, rub., gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; tot. mem., 28 vol.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 110,000 gals.; dim., 23 x 37; loc. 155 ft. above station; mat., stl.; 2 pump. eng., class comp., size 12 x 18; mains, 7 m., 4 to 10 in. dia.; 80 hyd.; 26 v.; met., 60; 375 serv.; pres., dom. 80 lbs., f. 100 lbs.; cost, \$44,000; wks. owned by Co.

TERRE HAUTE, p. 58,167; f. area, 9 $\frac{1}{2}$ sq. m.; merc. bldgs., bk. & stn., 2 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 1 comb. h. & c. auto., 4 comb. h. & c. wag., 1 in reserve, 10 c. hand ex., 2 h. & 1 trk., 1 aer. trk., 5 hose wag., 1 in reserve, 1 hose reel, 36 hrs.; hose, cot., rub. lined, gd., 15,500 ft.; c., 1,450 ft.; tot. hose, 16,950 ft.; f. al., Gamewell, 107 bx.; val. equip., \$75,110; val. bldgs., \$115,000; exp. dept., \$32,654; tot. mem. 76, pd. full time.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; res. cap., 1,500,000 gals.; 5 pump. eng., cap. day 26,000,000 gals.; mains, c. l., 86 m., 2 to 16 in. dia.; 1,078 hyd.; met., 2,092; 6,026 serv.; 719 v.; pipe, lead & galv. l.; pres., dom. 70 lbs., f. 130 lbs.; wks. owned by Co.

THORNTOWN, p. 1,508; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 $\frac{1}{2}$ to 2 $\frac{1}{2}$ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 hose reels; hose, rub. lined, gd., 1,100 ft.; f. al., wh.; val. equip., \$500; undra. rating 4 $\frac{1}{2}$ class; tot. mem., 25 vol.

Water Supply—Src., wells & cisterns in bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; mat., stl.; res. cap., 500,000 gals.; 1 pump. eng.; mains, 4 to 6 in. dia.; 35 hyd.; pres., f., 35 lbs.; wks. owned by town.

TIPTON, p. 4,075; f. area, 20 m.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 2 to 3 stor.; wd. rfs. not perm. in f. area. F. dept.—10 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose reel, 3 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; rub., gd., 1,000 ft.; tot. hose, 4,000 ft.; f. al., telp.; val. equip., \$3,000; exp. dept., \$2,150; tot. mem. 9, pd. full time 2, 7 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to res. & dir.; res. cap., 365,000 gals.; loc. near station; 2 pump. eng., size 10 x 16 x 10, cap. day, 1,500,000 gals.; mains, c. & wrt. l., 12 m., 4 to 12 in. dia.; 94 hyd.; 125 v.; 998 met.; 1,200 serv.; pipe, lead & wrt. l.; pres., dom. 55 lbs., f. 120 lbs.; cons. day, 500,000 gals.; cost, \$100,000; wks. owned by city.

TROY, p. 510. F. dept.—1 hand eng., 1 comb. hose & ladder trk.; hose, 400 ft.; tot. mem., 15.

Water Supply—Src., cisterns.

UNION CITY, p. 3,209; f. area, 900 a.; merc. bldgs., bk. & wd., 2 stor.; wd. rfs. not perm. F. dept.—1 comb. c. & hose wag., 2 c. hand ex., 1 h. & l. trk., 2 hose reels, 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 1,000 ft.; tot. hose, 6,000 ft.; f. al., bell & wh., 2 bx.; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$2,000; tot. mem. 86, pd. full time 3, pd. part time 12, vol. 21.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., dir. pres.; res. cap., 360,000 gals.; 2 pump. eng., class comp. dup., cap. day, 8,000,000 gals.; mains, $8\frac{3}{4}$ m., 4 to 16 in. dia.; 72 hyd.; 711 met.; 900 serv.; pres., dom. 45 lbs., f. 65 to 100 lbs.; cons. day, 450,000 gals.; cost, \$120,000; cost mtce., \$4,000; wks. owned by city.

UPLAND, p. 1,080. F. dept.—1 gas. eng., 1 h. & l. trk., 1 hose wag., hose reel; hose, 500 ft.; al., bell; tot. mem. 11, pd. part time 1, vol. 10.

Water Supply—Src., cisterna.

VALPARAISO, p. 6,987; f. area, 600 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car., 3 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., elec., 33 bx.; val. equip., \$3,500; val. bldgs., \$6,000; exp. dept., \$3,200; tot. mem. 18, pd. full time 2, vol. 16.

Water Supply—Src., lake & wells, $2\frac{1}{2}$ m. bus. cent.; sys., pump dir.; lake 2 sq. m.; 3 pump. eng., class dup. & comp.; cap. day, 4,500,000 gals.; mains, conc., wd. & stl., 23 m., 4 to 12 in. dia.; 148 hyd.; 127 v.; 750 met.; 1,640 serv.; pipe, lead; pres., dom. 40 to 50 lbs., f. 70 to 90 lbs.; cons. day, 850,000 gals.; wks. owned by Co.

VAN BUREN, p. 1,189. F. dept.—1 c. eng., 1 hose reel; hose, 750 ft.

Water Supply—Src. & sys. not reported; mains, 2 m., 2 to 5 in. dia.; 15 hyd.

VEEDERSBURG, p. 1,757; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 800 ft.; inf., 400 ft.; tot. hose, 1,200 ft.; f. al., wh., elec. & telp.; tot. mem., 30 vol.

Water Supply—Sys., pump & grav.; stdp. cap., 90,000 gals.; 2 pump. eng., cap. day 50,000 gals.; mains, c. l., $5\frac{1}{2}$ m., 4 to 8 in. dia.; 22 hyd.; pres., dom. 58 lbs., f. 110 lbs.; cons. day, 40,000 gals.; cost, \$6,500; wks. owned by city.

VEVAY, p. 1,256; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,150 ft.; inf., 350 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$300; exp. dept., \$100; tot. mem., 50 vol.

Water Supply—Src., riv., 1,500 ft. bus. cent.; sys., pump to res.; res. cap., 1,800,000 gals.; 1 pump. eng., class comp. dup., size 10 x 18, cap. day 1,000,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 28 hyd.; 32 v.; met., 5; 280 serv.; pipe, galv. i.; pres., dom. 79 lbs., f. 79 lbs.; cost, \$20,000; wks. owned by city.

VINCENNES, p. 14,895; f. area, 2,000 a.; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. trk., 10 c. hand ex., 1 comb. c. & h. wag., 1 h. & l. trk., 2 hose wag., 10 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 43 bx.; val. equip., \$19,000; val. bldgs., \$18,000; tot. mem. 16, pd. full time; undrs. rating, third class.

Water Supply—Src., riv., in bus. cent.; sys., pump to stdp.; stdp. cap. 600,000 gals., dim. 22 x 200, mat. iron; 3 pump. eng., cap. day, 4,500,000 gals.; mains, c. l., 21 m., 6 to 22 in. dia.; 282 hyd.; 90 v.; met., 200; 1,600 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 100 lbs.; wks. owned by Co.

WABASH, Wabash Co., p. 8,687; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. trk., 1 c. eng., 6 c. hand ex., 2 h. & l. trk., 2 hose wag., 1 hose reel, 3 hrs. hose, cot., rub. lined, gd., 3,300 ft.; inf., 400 ft.; tot. hose, 3,700 ft.; f. al., Gamewell, 21 bx.; val. equip., \$18,000; exp. dept., \$6,000; tot. mem. 24, pd. full time 16, vol. 8; undrs. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap. 360,000 gals., dim. 25 x 100, mat. iron; res. cap., \$750,000 gals.; 2 pump. eng., class hor. dup., cap. day, 5,000,000 gals.; mains, c. l., 24 m., 6 to 12 in. dia.; 248 hyd.; 109 v.; met., 125; 1,250 serv.; pipe, lead; pres., dom. 60 lbs., f. 90 to 110 lbs.; cons. day, 700,000 gals.; cost, \$200,000; cost mtce., \$5,500; wks. owned by Co.

WAKARUSA, p. 859. F. dept.—1 hand c. eng., 1 hand h. & l. trk., 1 hose cart; hose, 500 ft.; f. al., bell.

Water Supply—Src., cisterna.

WALKERTON, p. 1,003. F. dept.—2 hose carts, 1 h. & l. trk.; hose, 750 ft.; tot. mem., 7 vol.

Water Supply—Src., wells; sys., pump dir. & stdp.; stdp. cap., 1,000 bbla.; 2 pumps, cap. day 700,000 gals.; mains, $3\frac{1}{2}$ m., 4 to 6 in. dia.; 23 hyd.

WARREN, p. 1,189; merc. bldgs., bk. & wd. F. dept.—1 hose car.

Water Supply—Src., wells; sys., pump; pump cap., 144,000 gals.

WARSAW, p. 4,430; merc. bldgs., bk., cem. & wd., 2 to 3 stor.; priv., bk., stn. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 4 hose car., 1 comb. c. & h. wag., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$5,500; exp. dept., \$1,800; tot. mem. 100, pd. full time 1, pd. part time 1, 98 vol.

Water Supply—Src., lake, 1-5 m. bus. cent.; sys., pump to stdp. and dir.; stdp. cap., 18,260 gals., dim., 5 x 125; 2 pump. eng., cap. day, 2,000,000 gals.; mains, 11 m., 4 to 10 in. dia.; 88 hyd.; 40 v.; met., 2; 1,000 serv.; pipe, iron; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 800,000 gals.; cost, \$80,000; wks. owned by Co.

WASHINGTON, p. 7,854; f. area, 900 a.; merc. bldgs., bk., 1 to 3 stor.; priv., stn., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 comb. c. & h. wag., 3 hrs.; hose, rub., gd., 1,000 ft.; inf., 1,000 ft.; tot. hose, 2,000 ft.; f. al., Gamewell, 26 bx.; val. equip., \$9,000; exp. dept., \$5,738; tot. mem. 9, pd. full time 4, pd. part time 3.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap. 265,000 gals., dim. 20 x 100, loc. in city, mat. iron; 3 pump. eng., cap. day, 4,000,000 gals.; mains, c. l., 15 m.; 194 hyd.; met., 200; 980 serv.; pipe, galv. i.; pres., dom. 58 lbs., f. 125 lbs.; cons. day, 1,200,000 gals.; wks. owned by Co.

WATERLOO, DeKalb Co., p. 1,167; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$6,000; exp. dept., \$900; tot. mem., 45 vol.

Water Supply—Src., wells & cisterna, 1 block bus. cent.; sys., pump to stdp. or mains; stdp. cap., 100,500 gals.; dim., 12 x 120; mat. iron & stl.; 1 pump. eng., class dup., cap. day 500,000 gals.; mains, c. l., $1\frac{1}{2}$ m., 4 to 8 in. dia.; 15 hyd.; 12 v.; met., 1; 25 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 80 to 100 lbs.; wks. owned by Co.

WAVELAND, p. 676; f. area, 320 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., c. hand ex.; hose, 350 ft.; f. al., bell; val. equip., \$300; val. bldgs., \$300; tot. mem., 16 vol.

Water Supply—Src., cisterna.

WAYNETOWN, p. 734; f. area, 400 acres. F. dept.—1 comb. c. & hand eng.; hose, 500 ft.; val. equip., \$1,000; tot. mem., 24 vol.

Water Supply—Src., creek & cisterna.

WESTVILLE, p. 503. F. dept.—1 hand eng., 1 hose cart, 1 h. & l. trk.; hose, 1,200 ft.; val. equip., \$2,700; val. bldgs., \$5,000; tot. mem., 26 vol.

Water Supply—Src., cisterna.

WHITING, p. 6,587; f. area, 9,236 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., bk., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto.

comb. c. & h. wag., 4 c. hand ex., 1 h. & 1 trk., 1 comb. c. & h. wag., 2 hose carts, 2 hra.; hose, cot., rub. lined, gd., 2,700 ft.; rub. gd., 300 ft.; tot. hose, 3,000 ft.; f. al., Gamewell, 42 bx.; val. equip., \$18,000; val. bldgs., \$8,000; exp. dept., \$7,331; tot. mem., 6, pd. full time.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump dir. to mains; pump, eng., cap. day 5,000; 600 gals.; mains, c. i. 6 to 10 in. dia.; 88 hyd.; 100 v.; pres., dom. 80 lbs., f. 120 lbs.; cons. day, 700,000 gals.; mains owned by city; balance owned by Standard Oil Co.

WILLIAMSPORT, p. 1,243; f. area, 1,280 a.; bldgs., stn., bk. & wd.; wd. rfs. not perm. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 1,000 ft.; tot. hose, 2,000 ft.; f. al., wh.; tot. mem., 20 vol.

Water Supply—Src., wells; sys., grav., pump to res. & stdp.; stdp. cap., 75,000 gals.; res. cap., 36,000 gals.; 2 pump. eng.; 35 hyd.; met., 30; 200 serv.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 60,000 gals.; cost, \$35,000; wks. owned by city.

WINAMAC, p. 1,607; f. area, 150 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 10 vol.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 3 pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. i., 4 $\frac{1}{2}$ m., 8 to 10 in. dia.; 46 hyd.; met., 8; 100 serv.; pres., dom. 50 lbs., f. 90 lbs.; cost, \$36,500; cost mtce., \$4,500; wks. owned by city.

WINCHESTER, p. 4,266; f. area, 15 a.; bldgs., wd., 1 & 4 stor.; metal rfs. perm. F. dept.—5 c. hand ex., 1 h. & 1 trk., 1 bucket wag., 1 hose wag., 3 hra.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$3,105; val. bldgs., \$14,000; exp. dept., \$3,000; tot. mem., 18, pd. full time 3, vol. 10.

Water Supply—Src., wells, $\frac{1}{2}$ mile bus. cent.; sys., pump dir.; 2 pump. eng., cap. day, 250,000

gals.; mains, c. i., 10 m., 4 to 12 in. dia.; 65 hyd.; 175 met.; 500 serv.; pipe, galv. i. & lead; pres., dom. 45 lbs., f. 100 lbs.; cost, \$75,000; wks. owned by private Co.

WOLCOTTVILLE, p. 627; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 c. hand ex., 1 hose reel, 1 hand eng.; hose, cot., rub. lined, gd., 550 ft.; cot., 100 ft.; inf., 300 ft.; tot. hose, 950 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$200; exp. dept., \$50; tot. mem., 11 vol.; undrs. rating, fourth class.

Water Supply—Not reported.

WORTHINGTON, p. 1,732; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 1 hose wag., 2 hra.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$500; tot. mem., 10, vol.; undrs. rating, second class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 86,000 gals., dim. 12 x 100, loc. near station, mat. iron; 2 pump. eng., size 18 x 24, cap. day 4,000,000 gals.; mains, iron, 12 m., 4 to 8 in. dia.; 40 hyd.; 108 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 110 lbs.; cons. day, 1,000,000 gals.; cost, \$50,000; wks. owned by Co.

ZIONVILLE, p. 840. F. dept.—Not reported.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., dir. pres.; pump. eng., cap. day 300,000 gals.; mains, wrt. l., 4,000 ft., 1 to 3 in. dia.; 21 hyd.; 16 v.; 2 met.; 100 serv.; pres., dom. 50 lbs., f. 80 lbs.; wks. owned by priv. Co.

Places with a population of 1,000 or more having no organized fire dept.—Arcadia, Atlanta, Clarksville, Hope, Knightsville, Mitchell, Montezuma, Port Fulton, Ridgeville, Scottsburg, Swazee.

Places with a population of 1,000 or more not reported Frankton, Irvington, Lapel, Lowell, Red Key.

IOWA

ACKLEY, p. 1,244; f. area, 1 sq. m.; merc. bldgs., bk. & wood, 2 stor.; priv. bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hand eng., 15 c. hand ex., 1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; f. al., elec., wh. & bell; val. equip., \$4,000; val. bldgs., \$1,000; tot. mem., 24 vol.

Water Supply—Src., well in bus. cent.; sys., pump to res. & dir.; tank, 20 x 24 x 90, cap. 55,000 gals.; dim., 12 $\frac{1}{2}$ x 60; mat., iron; 1 pump. eng., cap. day 84,000 gals.; mains, 3,810 ft., 8 to 4 in. dia.; 10 hyd.; met., 2; 72 serv.; pipe, iron; pres., f. 120 lbs.; cons. day, 20,000 gals.; cost, \$10,000; cost mtce., \$700; wks. owned by Co.

ADAIR, p. 900. F. dept.—4 c. hand ex., 1 hand eng., 1 h. & 1 trk., 2 hose carts, 10 buckets; hose, cot., 600 ft.; inf., 200 ft.; tot. hose, 800 ft.; f. al., bell & wh.; tot. mem., 34 vol.

Water Supply—Src., cisterns, combined cap. 1,300 bbls.

ADEL, p. 1,239; f. area, 320 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 hose carts; hose, rub. gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$400; tot. mem., 36 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 90,000 gals.; 2 pump. eng., cap. day 140,000 gals.; mains, 3 $\frac{1}{4}$ m., 4 to 6 in. dia.; 31 hyd.; 13 v.; met., 100; 130 serv.; pres., dom. & f., 60 lbs.; cons. day, 30,000 gals.; cost, \$20,500; wks. owned by city.

AFTON, p. 1,000; f. area, 200 a. F. dept.—1 c. eng., 500 ft. hose; val. equip., \$300; exp. dept., \$50; vol.

Water Supply—Src., stdp.; cap., 50,000 gals.; sys., pump dir.; 1 pump. eng., cap. day 20,000 gals.; 27 hyd.; 6 v.; mains, 3 m.; pres., f., 60 lbs.; cost, \$20,000; wks. owned by city.

AINSWORTH, p. 408. F. dept.—1 hose cart, 1 h. & 1 trk., 10 buckets; hose, cot., 1,000 ft.; f. al., bell & wh.; tot. mem., 20 vol.

Water Supply—Src., well; sys., grav.; rotary gas-line eng., cap. 75 gals. min.; tank, 8 x 36, cap. 13,536 gals.; mains, 18 blocks, 8 in. dia.; pres., dom. 70 lbs., f. 100 lbs.; 7 hyd.; wks. owned by town.

AKRON, p. 1,130. F. dept.—2 hose carts; hose, cot., 1,600 ft.; f. al., bell & wh.; val. equip., \$1,800; val. bldgs., \$200; tot. mem., 15 vol.

Water Supply—Src., wells; sys., grav. & pump dir.; 1 pump, class comp., res. cap. 80,000 gals.; mains, 1 $\frac{1}{4}$ m., 4 to 6 in. dia.; 18 hyd.; pres., dom. 53 lbs., f. 120 lbs.

ALBIA, p. 4,969; f. area, 10 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. not perm. in f. area, fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng. on wls., 2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose reel, 2 hra.; hose, cot., rub. lined, gd., 1,500 ft.; fair 500 ft.; tot. hose, 2,000 ft.; f. al., telep. bell & wh.; val. equip., \$6,000; val. bldgs., \$6,000; exp. dept., \$1,760; tot. mem., 30 vol.

Water Supply—Waterwks. through bus. cent.; sys., pump; res. cap., 100,000,000 gals.; mains, 4 m., 10 in. dia.; pres., dom. 55 to 62 lbs.; 49 hyd.

ALDEN, p. 699. F. dept.—1 hand eng. out of serv., 2 hose carts, ladders; hose, cot., rub. lined, 1,000 ft.; f. al., bell; tot. mem., 12 vol.

Water Supply—Src., well; sys., grav. & pump to tank; tank cap., 47,000 gals.; dim., 20 x 20; pump. eng.; mains, 1 m., 4 to 6 in. dia.; 16 hyd.; pres., dom. & f. 49 lbs., wks. owned by city.

ALGONA, p. 2,908; merc. bldgs., stn., bk. & wd., 2 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,675 ft.; inf., 900 ft.; tot. hose, 2,575 ft.; f. al., bell & wh.;

val. equip., \$1,850; val. bldgs., \$1,000; exp. dept., \$300; tot. mem. 20, pd. part time.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 90,000 gals.; pump. eng., cap. day 150,000 gals.; mains, 8 1/2 m., 2 to 8 in. dia.; 82 hyd.; 6 v.; met., 100; 250 serv.; pipe, lead & wrt. i.; pres., dom. 43 lbs., f. 48 lbs.; cost, \$15,000; cost mtce., \$750; wks. owned by city.

ALLISON, p. 495. F. dept.—1 hand eng., 2 hose carts, 1 h. & l. trk., 12 buckets; hose, 1,300 ft.; f. al., bell; tot. mem., 14 vol.

Water Supply—Src., cisterns & well; sys., pump to tank; tank cap., 1,500 bbls.; dim., 20 x 20; pump. eng.; mains, 2,560 ft., 4 to 8 in. dia.; 7 hyd.; pres., 45 lbs.; wks. owned by town.

ALTA, p. 959. F. dept.—2 hose carts; hose, cot., rub. lined, 500 ft.; rub., 350 ft.; tot. hose, 850 ft.; f. al., bell & wh.; tot. mem., 25 vol.

Water Supply—Src., wells; sys., grav. & pump to tank; tank cap., 47,000 gals.; dim., 20 x 20; 1 pump; mains, 1 m., 4 to 8 in. dia.; 12 hyd.; pres., dom. & f. 40 lbs.

ALTON, Sioux Co., p. 1,046; bldgs., wd., 1 & 2 stor. F. dept.—1 h. & l. trk., 1 hose car.; f. al., bell; vol.; undra. rating, first class.

Water Supply—Src., well; sys., pump to stdp. & dir.; stdp. cap., 55,000 gals.; dim., 65 x 12; mat., stl.; 1 pump. eng., cap. day 500,000 gals.; 14 hyd.; 67 serv.; pipe, galv. i.; cost, \$12,000; wks. owned by city.

ALVORD, p. 283. F. dept.—1 hose cart, 1 c. eng.; hose, cot., rub. lined, 500 ft.; rub., 100 ft.; tot. hose, 600 ft.; f. al., bell; tot. mem. 12, pd. part time.

Water Supply—Src., well; sys., grav.; 1 pump, cap. 300 gals. min.; tank dim., 9 x 36, cap. 13,000 gals.; mains, 13 blocks, 4 to 6 in. dia.; 14 hyd.; pres., dom. & f. 100 lbs.

AMES, p. 4,223; f. area, 800 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$800; tot. mem., 20 vol.; undra. rating, second class.

Water Supply—Src., wells; 1/2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; mat. stl.; res. cap., 100,000 gals.; 5 pump. eng.; cap. day 3,268,800 gals.; mains, c. l., 10 m.; 4 to 12 in. dia.; 85 hyd.; 550 met. pipe, galv. i. & lead; pres. dom. 45 to 80 lbs.; f. 80 lbs.; cons. day 140,000 gals.; cost, \$75,000; wks. owned by city.

ANAMOSA, p. 2,983; f. area, 500 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell, wh. & elec.; val. equip., \$2,800; val. bldgs., \$6,000; exp. dept., \$400; tot. mem., 70 vol.

Water Supply—Src., wells, 1/2 m. bus. cent.; sys., grav. to res.; res. cap., 90,000 gals.; loc. on hill; 1 pump. eng., class comp. dup., cap. day 750,000 gals.; mains, c. l., 3 m., 4 to 6 in. dia.; 15 hyd.; 39 v.; met., 56; 225 serv.; pipe, galv. i.; pres., dom. 38 lbs., f. 120 to 140 lbs.; cons. day 60,000 gals.; cost, \$39,000; wks. owned by Co.

ANITA, p. 1,118. F. dept.—2 hose carts, 1 h. & l. trk., 8 buckets, 2 c. ex.; hose, 1,200 ft.; f. al., bell; tot. mem., 27 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. dim., 12 x 40; 1 pump, cap. 36,000 gals.; mains, 1 m., 4 to 6 in. dia.; 8 hyd.; pres., 50 lbs.; wks. owned by town.

ANTHON, p. 635. F. dept.—1 hose cart, 1 h. & l. trk., 24 buckets; hose, 1,000 ft.; f. al., bell; tot. mem., 24 vol.

Water Supply—Src., well; sys., pump to res.; res. cap., 14,684 gals.; dim., 10 x 25; 1 pump; mains, 4,620 ft., 4 & 6 in. dia.; 9 hyd.; pres., 66 lbs.; wks. owned by town.

ARLINGTON, p. 678. F. dept.—1 hose cart, 1 comb. c. eng.; hose, 1,000 ft.; f. al., bell; 14 vol.

Water Supply—Src., well; sys., pump to tank; tank cap., 28,000 gals.; dim., 16 x 18; 1 pump. eng.; mains, 2,400 ft., 4 & 6 in. dia.; pres., dom. 35 lbs., f. 45 lbs.; wks. owned by town.

ARTHUR—F. dept. not reported.

Water Supply—Src., wells, 1/2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals.; dim., 18 x 18; mat., stl.; 1 pump. eng., class trip., cap. day 417,600 gals.; mains, 4 m., 4 to 6 in. dia.; pipe,

iron; pres., dom. 70 lbs., f. 70 lbs.; cost, \$10,000; wks. owned by city.

ASHTON, p. 518. F. dept.—1 hose cart; hose, cot., rub. lined, 700 ft.; tot. mem. 9, pd. part time.

Water Supply—Src., wells; sys., grav.; air pres. tank, 8 x 36, cap. 11,000 gals.; 1 pump, cap. 80 gals. min.; mains, 17 blocks, 4 to 6 in. dia.; 16 hyd.; pres., dom. & f. 65 lbs.

ATLANTIC, p. 4,560; f. area, 2,840 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag.; 3 hose car.; 2 hrs., hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft., tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$3,300; val. bldgs., \$600; exp. dept., \$2,000; tot. mem.; 80, pd. full time, 1 vol. 79.

Water Supply—Src., well; 1 m. bus. cent.; sys., dir. pres., 2 pump. eng., class quad., cap. day 3,000,000 gals.; mains, 9 m., 4 to 16 in. dia.; 120 hyd.; 83 v.; 1,000 met., 1,000 serv.; pipe, wrt. i.; pres., dom. 80 lbs., f. 120 lbs.; cons. day, 700,000 gals.; cost, \$100,000; cost mtce., \$10,000; wks. owned by city.

AUDUBON, Audubon Co., p. 1,923; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 600 ft.; tot. hose, 2,100 ft.; f. al., bell; tot. mem., 41 vol.

Water Supply—Src., wells & creek; sys., grav. & pump to res.; stdp. cap., 100,000 gals.; dim., 30 x 20; res. cap., 65,000 gals.; 1 pump. eng., class dup., cap. day 720,000 gals.; mains, 8 m., 4 to 3 in. dia.; 18 hyd.; 3 v.; 90 serv.; pipe, wrt. i.; pres., dom. 70 lbs., f. 125 lbs.; cons. day, 40,000 gals.; cost, \$15,000; cost mtce., \$1,200; wks. owned by town.

AURELIA, p. 625. F. dept.—1 hose cart; hose, 900 ft.; f. al., bell; tot. mem., 15 vol.

Water Supply—Src., well; sys., grav.; 2 tanks, cap. 22,000 gals.; 2 pump. eng.; mains, 14 blocks, 4 to 6 in. dia.; 14 hyd.; pres., 40 to 80 lbs.; wks. owned by town.

AVOCA, p. 1,520; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$3,000; tot. mem., 38 vol.; undra. rating, second class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 59,227 gals.; dim., 70 x 12; 1 pump. eng., class hor. dup., cap. day 750,000 gals.; mains, 4 m., 4 to 8 in. dia.; 82 hyd.; met., 6; 105 serv.; pipe, lead; pres., dom. 68 lbs., f. 80 to 100 lbs.; cons. day, 60,000 gals.; cost, \$17,500; cost mtce., \$900; wks. owned by town.

AYRSHIRE, p. 337. F. dept.—1 str., 1 comb. hand eng. & hose cart; hose, rub., 500 ft.; tot. mem., 13 vol.

Water Supply—Src., cisterns & well.

BANCROFT, p. 830. F. dept.—1 hose cart, h. & l.; hose, cot., rub. lined, 700 ft.; f. al., bell; tot. mem. 24, pd. part time.

Water Supply—Src., well; sys., grav.; 1 pump; tank dim., 16 x 20, cap. 33,083 gals.; mains, 9 blocks, 4 to 8 in. dia.; 8 hyd.; pres., dom. & f. 40 lbs.

BATTLE CREEK, p. 527. F. dept.—2 hose carts; hose, cot., rub. lined, 1,000 ft.; f. al., bell; tot. mem., 15 vol.

Water Supply—Src., wells; in bus. cent.; sys., grav. & pump to stdp.; stdp. dim., 18 x 30, cap. 60,000 gals.; 1 pump. eng., cap. day, 200,000 gals.; mains, c. l., 2.44 m., 4 to 6 in. dia.; 25 hyd.; 6 v.; 127 met.; pres., dom. & f., 42 lbs.; cons. day, 30,000 gals.; wks. owned by city.

BEDFORD, p. 1,883; f. area, 175 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 1/2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng. on wls., 2 comb. c. eng., 2 h. & l. trk., 2 hrs.; hose, cot., rub. lined, 1,000 ft.; rub., gd., 260 ft.; tot. hose, 1,260 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$5,000; tot. mem., 32 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 92,000 gals.; dim., 14 x 80; mat., stl.; 1 pump. eng., cap. day 576,000 gals.; mains, 2 1-5 m., 4 to 8 in. dia.; 23

hyd.; pres. dom. & f., 80 lbs.; cost, \$18,000; cost mtce., \$800; wks. owned by city.

BELLE PLAINE, p. 2,121; f. area, 746 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 c. hand ex., 1 h. & 1 trk., 1 hose reel, 1 hand hose car., 6 hrs.; hose, rub., gd., 1,300 ft.; f. al., bell & wh.; val. equip., \$6,000; val. bldgs., \$3,500; exp. dept., \$300; tot. mem. 50 vol.

Water Supply—Src., wells & cisterns.

BELLEVUE, p. 1,776; f. area, 2 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., bk. stn., & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 aer. trk., 3 hose wag.; hose reels, hose, cot., rub. lined, gd., 1,300 ft.; inf. 400 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 20 vol.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump to res., to stdp. & dir.; res. cap., 150,000 gals.; loc. on hill; 2 pump. eng.; mains, $3\frac{1}{2}$ m.; 114 hyd.; 30 v.; met., 100; 74 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 185 lbs.; cons. day, 30,000 gals.; cost, \$18,000; cost mtce., \$1,500; wks. owned by city.

BELMONT, p. 1,224; f. area, 200 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 12 buckets, 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$100; tot. mem., 36 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 2,000 bbls.; 1 pump. eng., cap. day 84,000 bbls.; mains, iron, 5 m., 4 to 8 in. dia.; 35 hyd.; 34 v.; 152 met.; 152 serv.; pres., f., 89 lbs.; cost, \$25,000; cost mtce., \$600; wks. owned by town.

BLOOMFIELD, p. 2,028; f. area, 700 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 1,300 ft.; inf., 200 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$50; tot. mem. 30, pd. part time 1, vol. 29.

Water Supply—Src., well; sys., pump to stdp. & dir.; stdp. cap., 58,000 gals.; dim., 16 x 24; res. cap., 55,000 gals.; 2 pump. eng., cap. day 1,108,000 gals.; mains, c. i., 3 m., 4 to 6 in. dia.; 44 hyd.; 10 v.; 125 met., 125 serv.; pipe, lead; pres., dom. 45 lbs., f. 45 to 100 lbs.; cost, \$15,000; cost mtce., \$940; wks. owned by city.

BODE, p. 419. F. dept.—1 hose cart; hose, cot., rub. lined, 600 ft.; f. al., bell; tot. mem., 12 vol.

Water Supply—Src., well; sys., grav. & pump to tank; tank dim., 16 x 18, cap. 28,224 gals.; 1 pump; mains, 1 m., 4 & 6 in. dia.; 9 hyd.; pres., dom. & f. 40 lbs.

BONAPARTE, p. 597. F. dept.—1 hose cart; hose, 1,200 ft.; f. al., wh.; tot. mem., 10 vol.

Water Supply—Src., well & riv.; sys., pump to stdp.; stdp. cap., 85,000 gals.; dim., 10 x 60; 2 pumps; mains, 2 m., 4 to 8 in. dia.; 28 hyd.; pres., dom. 65 lbs., f. 125 lbs.; wks. owned by town.

BOONE, Boone Co., pop. 10,347; merc. bldgs., bk., 1 to 4 stor.; priv., wd., $\frac{1}{2}$ stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—2 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 3,500 ft.; rub., gd., 700 ft.; inf., 500 ft.; tot. hose, 4,700 ft.; f. al., bell & wh.; exp. dept., \$2,020.68; tot. mem. 75, pd. part time; undra. rating, third class.

Water Supply—Src., wells, 4 m. bus. cent.; sys., pump to res., to stdp. & dir.; stdp. cap., 20,000 gals.; res. cap., 4,000,000 gals.; 3 pump. eng., cap. day 3,500,000 gals.; mains, c. i., 17 m., 4 to 14 in. dia.; 227 hyd.; 140 v.; met., 1,300; 1,300 serv.; pres., dom. 40 lbs., f. 125 lbs.; cons. day, 900,000 gals.; cost, \$325,000; cost mtce., \$20,000; wks. owned by city.

BRITT, p. 1,303; merc. bldgs., bk. & wd., 1 & 2 stor. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., wh.; tot. mem., 15 vol.

Water Supply—Src., wells, 580 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; dim., 24 x 18; loc. at station; mat., wd. & stl.; 2 pump. eng., class dup. & trip, size 12 x 7 x 12, cap. day 700,000 gals.; mains, c. i., $2\frac{1}{2}$ m., 4 to 8 in. dia.; 19 hyd.; 6 v.; 200 serv.; pipe, galv. i.; pres., dom. 30 lbs., f. 100 lbs.; cons. day, 50,000 gals.; wks. owned by town.

BROOKLYN, p. 1,282; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 str., 1 c. eng., 2 hose car., ladders; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$7,000; tot. mem., 20 vol.

Water Supply—Src., well, 216 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 45,000 gals.; pump. eng., cap. day 80,000 gals.; mains, $2\frac{1}{2}$ m., 4 to 8 in. dia.; 17 hyd.; met., 150; 154 serv.; pres., f. 60 lbs.; cost, \$12,500; cost mtce., \$550; wks. owned by city.

BUFFALO CENTER, p. 753. F. dept.—1 hose cart, 3 ladders; hose, cot., rub. lined, 1,000 ft.; f. al., bell & telp.; tot. mem., 20 vol.

Water Supply—Src., well; sys., pump to tank; tank cap., 1,800 gals.; dim., 18 x 22; pres., dom. 45 lbs.; mains, 3,926 ft., 4 to 8 in. dia.; 10 hyd.; wks. owned by town.

BURLINGTON, p. 24,324; f. area, 12 sq. m.; merc. bldgs., bk., 1 to 6 stor.; priv., bk., stn. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. on wls., 1 auto. comb. c. eng. & trk., 5 c. hand ex., 1 aer. trk., 3 hose wag., 4 hose reels & carts, 1 comb. c. & h. wag., 20 hrs.; hose, 12,000 ft.; f. al., Gamewell, 41 bx.; val. equip., \$32,000; val. bldgs., \$57,500; exp. dept., \$20,000; tot. mem. 22, pd. full time 29.

Water Supply—Src., riv., in bus. cent.; sys., pump dir.; 2 pump. eng., class cross comp. hor. quadruplex centrif., cap. day 23,500,000 gals.; mains, 46.42 m., c. i., 4 to 16 in. dia.; 474 hyd.; 555 v.; met., 225; 4,184 serv.; pipe, lead, iron & galv. i.; pres., dom. 100 lbs., f. 140 lbs.; cons. day, 2,081,549 gals.; cost, \$654,460; wks. owned by Co.

CALMAR, p. 849; f. area, 200 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 water tower, 1 hose car.; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; tot. mem., 30 vol.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to stdp. & mains; stdp. cap., 70,000 gals.; dim., 24 x 24; mat., stl. & wd.; 1 pump. eng., cap. day 42,000 gals.; mains, iron, $2\frac{1}{2}$ m., 4, 6 & 8 in. dia.; 28 hyd.; met., 11; 78 serv.; pipe, galv. i. & lead; pres., dom. 58 lbs., f. 70 lbs.; cost, \$17,000; cost mtce., \$600; wks. owned by city.

CAMBRIDGE, p. 696. F. dept.—1 hose cart, 1 hand & c. eng., 60 buckets; hose, 1,000 ft.; f. al., bell; tot. mem., 15 vol.

Water Supply—Src., well; sys., pump to tank; tank cap., 11,000 gals.; dim., 8 x 36; mains, 2 m., 4 to 6 in. dia.; 9 hyd.; pres., 40 lbs.; wks. owned by town.

CARROLL, p. 3,546; f. area, 20 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 300 ft.; tot. hose, 2,300 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$8,000; tot. mem., 70 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump by elec. into res.; stdp. cap., 146,620 gals.; dim., 15 x 111; mat., stl.; res. cap., 100,000 gals.; loc. at pump. station; 4 pump. eng., cap. day 696,000 gals.; mains, c. i., $4\frac{1}{2}$ m., 4 to 8 in. dia.; 41 hyd.; 11 v.; met., 33; 360 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 75 lbs.; cons. day, 225,000 gals.; cost, \$60,000; cost mtce., \$6,000; wks. owned by city.

CASCADE, p. 1,268; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose car., 1 water tower in reserve; hose, cot., rub. lined, gd., 1,950 ft.; f. al., bell & wh.; val. equip., \$1,800; val. bldgs., \$1,000; exp. dept., \$150; tot. mem., 25 vol.

Water Supply—Src., spr., 4 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals.; mat. iron; 2 pump. eng., class dup., cap. day 334,000 gals.; mains, iron, $1\frac{1}{2}$ m., 4 to 8 in. dia.; 23 hyd.; met., 14; 74 serv.; 10 v.; pres., dom. 84 lbs., f. 84 lbs.; cost, \$10,000; cost mtce., \$800; wks. owned by city.

CEDAR FALLS, p. 5,012; f. area, 640 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd. & bk.,

2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 hose car., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 3,600 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$6,000; exp. dept., \$425; tot. mem., 80 vol.; undra. rating, second class.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav. to stdp. & dir.; stdp. cap., 100,000 gals.; dim. 20 x 30, mat. wd. & iron; 3 pump. eng., cap. day 4,500,000 gals.; mains, c. i., 18 1-8 in. dia., 4, 6, 8 & 10 in. dia.; 115 hyd.; 189 v.; met., 726; 1,027 serv.; pipe, galv. i.; pres., dom. 85 lbs.; f. 125 lbs.; cons. day, 370,000 gals.; cost, \$115,000; cost mtce., \$3,500; wks. owned by city.

CEDAR RAPIDS, p. 32,811; f. area, 13 sq. m.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 auto. comb. eng. & hose wag., 1 h. & 1 trk., 12 c. hand ex., 1 h. & 1 trk. in reserve, 1 comb. c. & h. wag., 4 hose wag., 14 hrs.; f. al., Gamewell, 51 bx.; val. equip., \$20,025; val. bldgs., \$25,454; exp. dept., \$36,565; tot. mem., 30, pd. full time.

Water Supply—Src., r.v. & wells, 1/2 m. bus. cent.; sys., pump dir.; 3 pump. eng., class comp., cap. day 10,000,000 gals.; mains, c. i., 68 in., 4 to 30 in. dia.; 463 hyd.; 580 v.; met., 5,500; 5,935 serv.; pipe, lead; pres., dom. 65 lbs.; f. 130 lbs.; cons. day, 2,500,000 gals.; cost, \$778,166; wks. owned by city.

CENTERVILLE, Appanoose Co., p. 6,936; f. area, 1,500 a.; merc. bldgs., bk., stn. & wd., 2 to 3 stor.; priv., bk., cem. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf. 1,000 ft.; tot. hose, 3,500; f. al., bell & wh.; val. equip., \$3,500; exp. dept., \$2,500; tot. mem., 15 vol.

Water Supply—Src. well, 1 1/2 m. bus. cent.; sys., pump to stdp.; stdp. cap. 84,500 gals.; dim. 12 x 100, loc. at station, mat. stl. & iron; res. cap., 80,000,000 gals., loc. at station; 2 pump. eng., class dup., cap. day 1,044,000 gals.; mains, c. i., 11.64 m., 4 to 12 in. dia.; 75 hyd.; 460 met.; 475 serv.; pipe, galv. i. & lead; pres., dom. & f. 45 lbs.; cons. day, 175,000 gals.; cost, \$150,000; cost mtce., \$4,000; wks. owned by Co.

CHARITON, p. 3,794; f. area, 329 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 6 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose car., 8 hrs.; hose, cot., rub. lined, gd., 2,100 ft.; rub. gd., 200 ft.; inf., 500 ft.; tot. hose, 2,800 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$4,000; tot. mem., 110 vol.

Water Supply—Src., mill, cap. 30,000 gals. day.

CHARLES CITY, p. 5,892; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 8 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 2,250 ft.; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$3,000; tot. mem., 19, pd. full time 1, 18 vol.; undra. rating, second class.

Water Supply—Src., artesian wells, 1,587 ft. deep, with res., cap. 360,000 gals.; dim. 20 x 80, & stdp.; stdp. cap., 180,000 gals., loc. on hill 60 ft. elevation, mat. stl.; 3 pump. eng., size 6 x 12, 10 x 12, 8 x 10; mains, c. i., 14 m.; 80 hyd.; 52 v.; 780 met.; 800 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 110 lbs.; cost, \$125,000; cost mtce., \$1,500; wks. owned by city.

CHARTER OAK, p. 734. F. dept.—1 hose cart, 6 buckets; hose, 300 ft.; f. al., bell; tot. mem., 15 vol.

Water Supply—Src., driven well; sys., pump to tk.; tk. dim., 18 x 20; pump; mains, 1 1/2 in., 4 to 6 in. dia.; 14 hyd.; pres., dom. 65 lbs.; f. 100 lbs.; wks. owned by town.

CHEROKEE, p. 4,884; f. area, 1,280 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. h. & c. wag., 1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 2 hose car.; 2 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$10,000; exp. dept., \$100; tot. mem., 20 vol.

Water Supply—Src., wells, 3,000 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 154,000 gals.,

dim. 18 x 80, mat. iron; 2 res. cap., 275,000 gals.; 2 pump. eng., cap. day 1,877,760 gals.; mains, c. i., 9.76 m., 4 to 10 in. dia.; 54 hyd.; met., 715; 725 serv.; pipe, iron; pres., dom. 60 to 85 lbs.; f. 150 lbs.; cons. day, 150,000 gals.; cost, \$66,550; cost mtce., \$4,955; wks. owned by city.

CINCINNATI, p. 1,355; f. area, 1,120 a.; bldgs., bk. & wd.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 1 c. hand ex., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; inf. 500 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$100; tot. mem., 20 vol.; undra. rating, second class.

Water Supply—Src., wells.

CLARE, p. 299. F. dept.—1 hose cart; hose, cot., rub. lined, 500 ft.; f. al., bell.

Water Supply—Src., well; sys., grav. & pump to tk.; tk. dim. 8 x 40, cap. 14,400 gals.; 1 pump; mains, 2,625 ft., 6 & 8 in. dia.; 9 hyd.; pres., dom. & f. 65 lbs.

CLARENCE, p. 662. F. dept.—2 hose carts, 1 h. & 1 trk.; hose, cot., rub. lined, 950 ft.; f. al., bell; tot. mem., 18 vol.

Water Supply—Src., well; sys., grav.; 1 pump; tk., 18 x 30 ft. cap. 38,070 gals.; mains, 2 m., 2 to 6 in. dia.; 7 hyd.; pres., dom. & f. 40 lbs.

CLARION, p. 2,065. F. dept.—2 hose wag., 1 hose reel; hose, cot., rub. lined gd., 1,100 ft.; rub. gd., 200 ft.; tot. hose 1,300 ft.; f. al., bell & wh. tot. mem., 22 vol.

Water Supply—Src., well & cisterns, in bus. cent.; sys., grav. & pump to stdp., stdp. dim. 19 x 24, cap. 50,000 gals.; 1 pump, class comp. dup., cap. 500 gals. min.; mains, 4 blocks, 4 to 10 in. dia.; 5 hyd.; pres., dom. 50 lbs.; f. 100 lbs.; wks. owned by town.

CLARINDA, p. 3,832; f. area, 800 a.; merc. bldgs., bk., 1 1/2 to 3 stor.; priv., wd. & bk., 1 1/2 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 c. eng. on wls., 1 h. & 1 trk., 1 comb. wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., bell & wh., 2 telp.; val. equip., \$8,000; val. bldgs., \$4,000; exp. dept., \$1,500; tot. mem., 21 vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 155,000 gals.; 2 pump. eng., class comp. cond., cap. day 2,500,000 gals.; mains, 10 m., 4 to 12 in. dia.; 56 hyd.; met., 110; 125 serv.; pipe, lead & galv. i.; pres., dom. 75 lbs.; f. 150 lbs.; cost, \$40,000; cost mtce., \$1,500; wks. owned by city.

CLARKSVILLE, p. 895. F. dept.—2 hose carts, 1 h. & 1 trk., 24 buckets; hose, 2,300 ft.; f. al., bell & wh.; tot. mem., 20 vol.

Water Supply—Src., wells; sys., pump to tk.; tk. dim. 20 x 24, cap. 61,750 gals.; 1 pump, cap. 100 bbls. hour; mains, 6,650 ft., 4 to 6 in. dia.; 21 hyd.; pres., 50 lbs.; wks. owned by town.

CLEAR LAKE, p. 2,014; f. area, 320 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 1/2 to 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh. & bell; val. equip., \$15,000; val. bldgs., \$2,000; tot. mem., 20 vol.

Water Supply—Src., lake; sys., pump to stdp. & dir. pres.; stdp. cap., 70,000 gals.; pump. eng., cap. day 750,000 gals.; mains, 3 m., 4 to 8 in. dia.; 35 hyd.; met., 3; pres., dom. 38 lbs.; f. 125 lbs.; cost, \$12,000; cost mtce., \$1,000; wks. owned by city.

CLINTON, p. 25,577; f. area, 40,000 a.; merc. bldgs., stn., bk. & wd., 2 to 6 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 c. eng., 12 c. hand ex., 1 h. & 1 trk., 4 hose wag., 4 hose carts in reserve, 10 hrs.; hose, cot., rub. lined, gd., 10,000 ft.; f. al., Gamewell, 60 bx.; val. equip., \$40,000; val. bldgs., \$30,000; exp. dept., \$11,000; tot. mem., 24, pd. full time.

Water Supply—Src., wells & riv.; sys., pump to res. & dir.; res. cap., 500,000 gals.; 5 pump. eng., cap. day 15,000,000 gals.; mains, 49 m., 4 to 16 in. dia.; 388 hyd.; 175 v.; met., 2,162; 3,465 serv.; pipe, iron; pres., dom. 60 lbs.; f. 110 lbs.; cons. day, 1,750,000 gals.; wks. owned by Co.

CLUTIER, p. 186; f. area 100 a. F. dept.—1 hose cart; hose, rub. lined gd., 1,250 ft.; f. al. bell & wh.; tot. mem., 21 vol.

Water Supply—Src., well; sys., grav. & pump to tk.; tk. dim. 14 x 16, cap. 17,840 gals.; 1 pump; mains, 2,100 ft., 4 & 6 in. dia.; 6 hyd.; pres., dom. 30 lbs., f. 40 lbs.

COGGON, p. 471. F. dept.—1 hose cart, 1 h. & l. trk., 12 buckets; hose, cot., rub. lined, 800 ft.; f. al. bell; tot. mem., 30 vol.

Water Supply—Src., well; sys., grav.; 1 pump; tk. d m. 16 x 20, cap. 30,080 gals.; mains, 3,000 ft., 4 & 6 in. dia.; 9 hyd.; pres., dom. & f. 43 lbs.

COIN, p. 591; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept., 1 comb. c. & h. wag., c. hand ex.; hose, cot., rub. lined, gd., 400 ft.; f. al. bell; val. equip., \$900; vol.

Water Supply—Not reported.

COLFAX, p. 2,524; f. area, 12 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 5 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,250 ft.; rub. gd., 500 ft.; inf., 200 ft.; tot. hose, 1,950 ft.; f. al. bell & wh.; val. equip., \$2,500; val. bldgs., \$2,500; exp. dept., \$75; tot. mem., 30 vol.

Water Supply—Src., well, 8 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 90,000 gals., mat. stl.; 1 pump. eng., size 14 x 8 x 12, cap. day 500,000 gals.; mains, c. l., 3 1/2 m., 4 to 6 in. dia.; 35 hyd.; 15 v.; met., 21; 155 serv.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 90,000 gals.; cost, \$22,000; cost mtce., \$1,200; wks. owned by city.

COLLINS, p. 521. F. dept.—2 hose carts; hose, 1,200 ft.; f. al. bell; vol.

Water Supply—Src., well; sys., grav.; tk. dim. 8 x 36, cap. 11,000 gals.; 1 pump; mains, 2,800 ft., 4 & 6 in. dia.; 9 hyd.; pres., 65 lbs.; wks. owned by town.

COLUMBUS JUNCTION, p. 1,185; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al. bell; tot. mem., 20 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 57,000 gals., mat. wd. & stl.; 2 pump. eng., cap. day 900,000 gals.; mains, 1 1/2 m.; 40 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 120 lbs.; cost, \$11,000.

CONRAD, p. 549; f. area, 50 a. F. dept.—1 c. eng., 2 comb. c. & hose wag., 2 hose carts; hose, 900 ft.; f. al. bell; tot. mem., 16 vol.

Water Supply—Src., cisterns & well; sys., pump to tk.; tk. dim. 16 x 16, cap. 23,943 gals.; 1 pump, cap. 50 gals. min.; mains, 2,850 ft., 4 & 6 in. dia.; 9 hyd.; pres., dom. 40 lbs.; wks. owned by town.

COON RAPIDS, p. 1,084; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord., causes of f. inv. F. dept.—1 hand eng., 50 c. hand ex., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,800 ft.; f. al. bell & wh.; val. equip., \$1,200; val. bldgs., \$1,800; tot. mem., 40 vol.

Water Supply—Src., well, 2 blks. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 945,000 gals.; pump. eng., cap. day 25,000 gals.; mains, iron, 2 1/2 m., 6 in. dia.; 14 hyd.; 6 v.; met., 60; 125 serv.; pres., dom. 52 lbs., f. 52 lbs.; cons. day, 3,000 gals.; cost, \$6,000; cost mtce., \$1,300; wks. owned by city.

CORNING, p. 1,702; f. area, 640 a.; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; inf., 300 ft.; tot. hose, 2,000 ft.; f. al. bell; val. equip., \$2,600; val. bldgs., \$4,000; exp. dept., \$150; vol.

Water Supply—Src., well, 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 80,000 gals., dim. 18 x 25, mat. stl.; 2 pump. eng., cap. day 250,000 gals.; mains, c. l., 3 m., 4 to 6 in. dia.; 30 hyd.; met., 78; 283 serv.; pipe, galv. i.; pres., dom. 80 to 80 lbs., f. 80 to 100 lbs.; cons. day, 82,000 gals.; cost, \$35,000; cost mtce., \$1,800; wks. owned by city.

CORRECTIONVILLE, p. 893. F. dept.—3 hose

carts, 1 h. & l. trk.; hose, cot., rub. lined, 950 ft.; f. al. bell; tot. mem., 16 vol.

Water Supply—Src., well; sys., grav. & dir. pres.; 1 pump; tk. dim. 16 x 20 ft., cap. 30,080 gals.; mains, 1 1/2 m., 4 to 8 in. dia.; 14 hyd.; 126 met.; pres., dom. & f., 100 lbs.; cost, \$10,000; cost mtce., \$800; wks. owned by city.

CORWITH, p. 455. F. dept.—1 hose cart; hose, cot., rub. lined, 1,000 ft.; f. al. bell; vol.

Water Supply—Src., well; sys., grav.; 1 pump; tk. dim. 18 x 20, cap. 42,300 gals.; mains, 2,200 ft., 4 & 6 in. dia.; 3 hyd.; pres., dom. 45 lbs., f. 45 lbs.

CORYDON, p. 1,669; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., stn., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 2 c. eng.; hose, cot., rub. lined, gd., 800 ft.; inf., 150 ft.; tot. hose, 950 ft.; f. al. bell & wh.; val. equip., \$800; val. bldgs., \$3,000; exp. dept., \$300; tot. mem., 29 vol.

Water Supply—Src., wells & cisterns.

COUNCIL BLUFFS, p. 25,802; merc. bldgs., stn., bk. & wd., 1 to 8 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 5 c. hand ex., 1 chiefs wag.; 1 supply wag., 1 h. & l. trk., 1 aer. trk., 3 hose wag., 2 in res., 1 comb. c. & h. auto. wag., 11 hrs.; 2 in res.; hose, cot., rub. lined, gd., 6,450 ft.; f. al., Gamewell storage, 41 bx.; val. equip., \$31,000; val. bldgs., \$90,000; exp. dept., \$28,000; tot. mem., 25; pd. full time.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump to res. & dir.; res. cap., 3,250,000 gals.; 3 pump. eng., cap. day, 23,000,000 gals.; mains, c. l., 62 m., 4 to 30 in. d.a.; 370 hyd.; 351 v.; met., 2,584; 5,417 serv.; pipe, lead & iron; pres., dom. 90 lbs., f. 120 to 140 lbs.; cons. day, 3,000,000 gals.; wks. owned by city.

CRESCO, Howard Co., p. 2,658; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al. bell & wh.; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 50 vol.

Water Supply—Src., wells, 4 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 90,000 gals., dim. 12 x 100, mat. stl.; 2 pump. eng., cap. day 100,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 27 hyd.; 8 v.; 240 serv.; pipe, galv. i.; pres., dom. 38 lbs., f. 140 lbs.; cons. day, 60,000 gals.; cost, \$22,000; cost mtce., \$1,700; wks. owned by city.

CRESTON, p. 6,924; f. area, 4,000 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 1/2 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 3 hose carts, 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; linen, gd., 1,500 ft.; tot. hose, 3,000 ft.; f. al. bell & tel.; tot. mem. 100, pd. full time 2, pd. part time 1, vol. 97.

Water Supply—Src., riv., 1 1/2 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 140,000 gals.; res. cap., 500,000 gals.; 2 pump. eng., class comp., size 14 x 20 x 12, cap. day 3,000,000 gals.; mains, c. l., 12 m., 4 to 12 in. dia.; 141 hyd.; met., 100; 455 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 140 lbs.; cost, \$200,000; cost mtce., \$5,000; wks. owned by Co.

CUMBERLAND, p. 552. F. dept.—1 hose cart, 1 h. & l. trk.; hose, cot., rub. lined, 600 ft.; f. al. bell; tot. mem., 43 vol.

Water Supply—Src., well; sys., grav.; 1 pump, cap. 40 gals. min.; tk. dim. 16 x 18, cap. 27,070 gals.; mains, 1,900 ft., 4 & 6 in. dia.; 5 hyd.; pres., dom. & f., 52 lbs.

DANBURY, p. 558. F. dept.—1 c. eng., 1 hose cart, 6 c. hand ex., 1 hrs.; hose, cot., rub. lined, 600 ft.; f. al. bell; val. equip., \$800; tot. mem., 20 vol.

Water Supply—Sys., grav.; tk. cap., 12,000 gals.; 1 pump; mains, 1 1/2 m., 1 1/2 to 4 in. dia.; 18 hyd.; pres., 65 lbs.; wks. owned by town.

DAVENPORT, p. 43,023; f. area, 8 1/2 sq. m.; merc. bldgs., bk. & conc., 2 to 8 stor.; priv., bk. & wd., 1 1/2 to 2 1/2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 chief's auto., 11 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 tractor for aer. trk., 7 hose wag., 1 auto. hose wag., 1 comb. auto. hose wag. & trk., 21 hrs.; hose, cot., rub. lined, gd., 10,100 ft.; fair, 2,800 ft.; inf., 1,200 ft.; tot. hose, 14,100 ft.; f. al.,

Gamewell, 82 bx.; val. equip., \$171,850; val. bldgs., \$55,000; exp. dept., \$55,000; tot. mem., 46, pd. full time; undra. rating, first class.

Water Supply—Src., riv., 1 m. bus. cent.; sys. pump to res. & dir.; res. cap., 5,000,000 gals.; loc. on elevation; 6 pump. eng.; class comp. cond.; cap. day 28,000,000 gals.; mains, c. i., 84 m., 6 to 24 in. dia.; 763 hyd., 31 priv.; 1,100 v.; met., 5,900; 8,500 serv.; pipe, lead & wrt. i.; pres., dom. 40 to 80 lbs.; f. 90 lbs.; cons. day, 4,100,000 gals.; cost, \$1,975,000; wks. owned by Co.

DAYTON, p. 717. F. dept.—2 hose carts; hose, 1,000 ft.; f. al., bell; tot. mem., 21 vol.

Water Supply—Src., wells, 2 pumps; tk. dim. 20 x 20, cap. 57,000 gals.; mains, 1 m., 4 to 6 in. dia.; 16 hyd.; pres., 40 lbs.; wks. owned by town.

DECORAH, p. 3,592; merc. bldgs., mostly bk., 1 to 8 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,800 ft.; f. al., bell & wh.; tot. mem., 66 vol.

Water Supply—Src., wells; sys. grav. & pump dir.; res. cap., 500,000 gals.; 2 pump. eng.; cap. day 1,015,000 gals.; mains, 3½ m., 6 to 8 in. dia.; 40 hyd.; met., 30; pres., dom. 90 to 100 lbs.; f. 90 to 100 lbs.; cost, \$24,000; cost mtce., \$2,000; wks. owned by city.

DEEP RIVER, p. 500. F. dept.—1 hose cart, 3 ladders; hose, cot., rub. lined, 500 ft.; f. al., wh.; tot. mem., 8 vol.

Water Supply—Src., well; sys. grav.; 2 pumps, cap. 295 gals. min.; air pres. tk. 8 x 36, cap. 11,000 gals.; mains, 1 m., 4 & 6 in. dia.; 11 hyd.; pres., f. 65 lbs.

DEFIANCE, p. 400. F. dept.—1 hose cart; 600 ft. hose; f. al., bell; val. equip., \$600; val. bldgs., \$500; tot. mem., 10 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys. dir. pres.; 1 pump. eng., class, trip.; cap. day 115,200 gals.; mains, 1½ m.; 11 hyd.; 3 v.; 16 serv.; cost, \$9,500; wks. owned by city.

DENISON, p. 3,133; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 2 stor.; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 2,200 ft.; inf., 300 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 100 vol.; undra. rating, second class.

Water Supply—Src., wells, ½ m. bus. cent.; sys. pump to stdp.; stdp. cap., 100,000 gals.; dim. 16 x 80, mat. stl.; res. cap., 500,000 gals.; 2 pump. eng.; cap. day 1,000,000 gals.; mains, c. i., 16 m., 4 to 8 in. dia.; 55 hyd.; 15 v.; met., 520, 500 serv.; pipe, galv. i., pres., dom. 50 lbs.; f. 90 to 150 lbs.; cons. day, 82,000 gals.; cost, \$30,000; cost mtce., \$2,000; wks. owned by city.

DES MOINES, p. 86,363; f. area, 33,000 a.; merc. bldgs., stn. & bk., 1 to 14 stor.; priv., wd. & bk., 1 to 4 stor.; wd. rfa. not perm. in f. area. F. dept.—1 chief's auto., 3 c. eng. on wls., 10 c. hand ex., 4 h. & l. trk., 1 aer. trk., 5 comb. c. & h. wag., 9 hose wag., 52 hrs.; hose, cot., rub. lined, gd., 24,000 ft.; rub., gd., 1,000 ft.; inf., 800 ft.; tot. hose, 25,800 ft.; f. al., Gamewell, 83 bx., aux. 33 bx.; val. equip., \$105,622; val. bldgs., \$203,833; exp. dept., \$129,961; tot. mem., 108, pd. full time.

Water Supply—Src., infiltration galleries, 1 m. bus. cent.; sys. grav., pump to stdp. or dir.; stdp. cap., 530,000 gals., mat. stl.; 4 pump. eng., class comp. cond.; cap. day 29,000,000 gals.; mains, c. i., 159 m., 6 to 30 in. dia.; 1,665 hyd.; 2,575 v.; met., 14,500; 14,600 serv.; pipe, lead; pres., dom. 100 lbs.; f. 120 to 140 lbs.; cons. day, 3,500,000 gals.; cost, \$3,100,000; cost mtce., \$140,000; wks. owned by Co.

DEWITT, p. 1,634; 75 per cent. bldgs. wd. F. dept.—1 hose cart, 1 h. & l. trk., 2 hand c. ex., 2 hrs.; hose, 1,000 ft.; f. al., elec.; tot. mem., 32 vol.

Water Supply—Src., well; sys. pump to stdp.; stdp. cap., 200,000 gals.; mains, 2 m., 4 to 8 in. dia.; 55 hyd.; pres., dom. 35 lbs., f. 45 lbs.; cons. day, 100,000 gals.; wks. owned by town.

DOON, p. 581. F. dept.—2 hose carts, ladders; hose, cot., rub. lined, 1,200 ft.; f. al., bell; tot. mem., 24 vol.

Water Supply—Src., well; sys. grav. & dir. pres.; 1 pump, cap. 750,000 gals. day; tk. dim.

18 x 20, cap. 41,000 gals.; mains, 1 m., 6 to 8 in. dia.; 12 hyd.; pres., dom. 65 lbs., f. 120 lbs.

DOUGLAS, p. 7,000. F. dept.—1 comb. trk. & c. eng., 1 str., 1 hose wag., 1 reel; hose, 2,150 ft.; f. al., tarp.

Water Supply—Src., wells; stdp. cap., 183,600 gals.; 2 pump. eng., cap. day 1,008,000 gals.; mains, 2 to 8 in. dia.; 42 hyd.

DOWS, p. 892. F. dept.—1 hose cart, 1 h. & l. trk.; hose, 1,000 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., well; sys. grav.; tk. dim. 20 x 22; mains, 2 m., 4 & 6 in. dia.; 23 hyd.; pres., dom. 50 lbs., f. 100 lbs.; wks. owned by town.

DUBUQUE, p. 38,494; f. area, 10½ sq. m.; merc. bldgs., bk. & wd., 2 to 7 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 3 comb. c. & h. wag., 1 c. eng., 1 chief's auto., 1 auto. str., comb. c. & h. wag., 12 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 hose wag., 2 hose car., 23 hrs.; hose, rub. lined, gd., 5,000 ft.; rub., inf., 5,000 ft.; tot. hose, 10,000 ft.; f. al., Gamewell 59 bx., A. D. T. ays. 30 bx.; val. equip., \$150,000; val. bldgs., \$92,000; exp. dept., \$62,500; tot. mem., 44, pd. full time; undra. rating, first class.

Water Supply—Src., wells, 2 m. bus. cent.; sys. pump to stdp. & dir.; stdp. cap., 450,000 gals., dim. 20 x 75, mat. iron; res. cap., 2,750,000 gals., loc. 3 m. city; 4 pump. eng., cap. day 14,000,000 gals.; mains, iron, 55 m., 6 to 20 in. dia.; 425 hyd.; 348 v.; met., 3,500; 2,700 serv.; pipe, lead; pres., dom. 40 to 60 lbs., f. 60 to 100 lbs.; cost, \$59,000; cost mtce., \$18,000; wks. owned by city.

DUNCOMBE, p. 418. F. dept.—1 hose cart; hose, cot., rub. lined, 600 ft.; f. al., bell; val. equip., \$200; val. bldgs., \$1,000; tot. mem., 10 vol.

Water Supply—Src., well; sys. grav.; 1 pump. eng., cap. 45,000 gals. day; tk. cap., 500 bbl.; mains, 1 m., 4 & 6 in. dia.; 13 hyd.; pres., dom. 60 lbs., f. 70 lbs.; cost, \$7,000; cost mtce., \$300.

DUNLAP, p. 1,155; f. area, 12 to 15 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose car., hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$1,810; val. bldgs., \$800; tot. mem., 25 vol.

Water Supply—Src., well, 2,200 ft. bus. cent.; sys. grav., pump to stdp. & dir.; stdp. cap., 42,000 gals., dim. 10 x 15, mat. iron; 1 pump. eng., cap. day 72,000 gals.; mains, 2½ m., 6 to 8 in. dia.; 16 hyd.; 70 serv.; pipe, lead; pres., dom. 50 lbs., f. 50 lbs.; cost, \$15,000; wks. owned by town.

DURANT, Cedar Co., p. 720. F. dept.—2 hose carts; hose, cot., rub. lined, 1,500 ft.; f. al., bell; tot. mem., 18 vol.

Water Supply—Src., well; sys. grav.; 1 pump; tk. dim. 20 x 24, cap. 67,680 gals.; mains, 2 m., 4 & 6 in. dia.; 24 hyd.; pres., dom. 4 & f. 46 lbs.

DYERSVILLE, p. 1,511. F. dept.—1 hand eng., 2 c. eng., 1 h. & l. trk., 3 hose carts, 24 buckets; hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$10,000; exp. dept., \$150; tot. mem., 52 vol.

Water Supply—Src., spring, in bus. cent.; sys. pump to stdp.; stdp. cap., 100,000 gals.; 1 pump. eng.; mains, 3 m., 4 to 10 in. dia.; 38 hyd.; 10 v.; 100 met.; pres., dom. 35 lbs., f. 80 lbs.; cons. day, 50,000 gals.; cost, \$23,000; cost mtce., \$1,500; wks. owned by city.

DYSART, p. 906; f. area, 400 a. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, 500 ft.; rub., 500 ft.; tot. hose, 1,000 ft.; f. al., bell & wh.; tot. mem., 30 vol.

Water Supply—Src., well, in bus. cent.; sys. dir. pres.; stdp. cap., 60,000 gals.; mains, 4 m., 4 to 6 in. dia.; 25 hyd.; 70 met.; pres., dom. 34 lbs., f. 54 to 225 lbs.; cost, \$18,000; wks. owned by city.

EAGLE GROVE, p. 3,387; f. area, 700 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$1,500; tot. mem., 45 vol.

Water Supply—Src., well, 300 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap. 123,000

gals., dim. 15 x 100, loc. 16 ft. station, mat. stl.; res. cap. 90,000 gals., loc. 50 ft. station; 1 pump. eng., class dup., size 10 x 14 x 18, cap. day 750,000 gals.; mains, c. l. 1 1/2 m., 4 to 12 in. dia.; 20 hyd.; 12 v.; met., 3; 70 serv.; pipe, lead; pres., dom. 40 lbs., f. 100 lbs.; cost, \$16,000; cost mtce., \$700; wks. owned by city.

EARLING, p. 323; bldgs., frame & bk. veneered. F. dept.—1 hose cart; hose, 600 ft.; f. al., bell; tot. mem., 14 vol.

Water Supply—Src., well; sys., pump to tk.; tk. dim. 16 x 16, cap. 700 bbls.; pump; mains, 1,800 ft., 4 & 6 in. dia.; 7 hyd.; pres., dom. 50 lbs., f. 100 lbs.; wks. owned by town.

EARLVILLE, p. 552. F. dept.—1 comb. c. eng., 1 h. & l. trk., hose cart, 18 buckets; hose, 650 ft.; f. al., bell; vol.

Water Supply—Src., well; sys., pump to res.; res. cap., 112,000 gals.; 1 pump; mains, 1 m., 4 & 6 in. dia.; 11 hyd.; pres., 39 lbs.; wks. owned by town.

EARLY, p. 500; bldgs., frame & bk. veneered. F. dept.—1 hose cart, 1 h. & l. trk.; hose, 800 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., well; sys., pump to tk.; tk. dim. 16 x 20, cap. 40,000 gals.; 1 pump; mains, 1 m., 4 & 6 in. dia.; 12 hyd.; pres., 50 lbs.; wks. owned by town.

EDDYVILLE, p. 1,085; merc. bldgs., bk. F. dept.—1 c. eng.; hose, cot., rub. lined, gd., 550 ft.; f. al., bell & wh.; tot. mem., 15 vol.

Water Supply—Src., priv.; sys., grav.

ELDON, p. 2,024; f. area, 800 a.; merc. bldgs., bk. 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—7 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$1,200; tot. mem., 30 vol.

Water Supply—Src., wells, 1/4 m. bus. cent.; sys., pump to res.; stdp. dim. 8 1/2 x 50, mat. rock & cem.; 1 pump. eng., class dup., cap. day 300,000 gals.; mains, c. l. 1 1/2 m., 8 in. dia.; 22 hyd.; met., 62; 80 serv.; pipe, iron; pres., dom. 65 lbs., f. 120 lbs.; cons. day, 25,000 gals.; cost, \$12,000; cost mtce., \$700; wks. owned by city.

ELDORA, p. 1,995; merc. bldgs., bk., 2 & 3 stor.; pr.v., wd. & bk., 1 & 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 8 hose car.; hose, cot., rub. lined, gd., 2,250 ft.; rub., gd., 750 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$2,000; tot. mem., 45 vol.; undrs. rating, first class.

Water Supply—Src., wells, 1 block bus. cent.; sys., pump to stdp. & dir. to mains; stdp. cap., 100,000 gals., dim. 13 1/2 x 100, mat. stl.; 4 pump. eng., class dup., cap. day 14,400 gals.; mains, c. l. 3 1/2 m., 4 to 6 in. dia.; 80 hyd.; 11 v.; met., 200; 351 serv.; pipe, galv. l. & lead; pres., dom. 40 lbs., f. 40 to 100 lbs.; cons. day, 68,000 gals.; cost, \$36,000; cost mtce., \$3,300; wks. owned by city.

ELDRIDGE, p. 217; 1 bk. bldg. F. dept.—1 hose cart, h. & l.; hose, 500 ft.; tot. mem., 12 vol.

Water Supply—Src., well; sys., pump to tk.; tk. dim. 20 x 22, cap. 58,000 gals.; mains, 5,000 ft., 4 to 8 in. dia.; 15 hyd.; wks. owned by town.

ELKADER, p. 1,181; f. area, 640 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv. bldgs., bk. & wd., 1 & 2 stor.; wd. rfa. perm. in f. area. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 600 ft.; inf., 150 ft.; tot. hose, 750 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$200; tot. mem., 15 vol.

Water Supply—Src., wells, 1/4 m. bus. cent.; sys., pump to res.; res. cap., 175,000 gals., loc. 240 ft. above tower; 1 pump. eng., class gas, cap. day 150,000 gals.; mains, c. l. 4 m., 4, 6 & 8 in. dia.; 34 hyd.; 12 v.; met., 210; 238 serv.; pipe, galv. i.; pres., dom. & f. 105 lbs.; cons. day, 50,000 gals.; cost, \$25,000; cost mtce., \$150; wks. owned by city.

ELLIOTT, p. 528. F. dept.—Vol., 18 men; 1 hose cart, 400 ft. hose; f. al., bell.

Water Supply—Src., wells; 1 trip. pump, cap. 422,000 gals. day; 900 ft. 6-in. mains; 5 hyd.; pres., 90 lbs.

EMMETSBURG, p. 2,325; f. area, 600 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. on

wks., 2 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 500 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$10,000; exp. dept., \$250; tot. mem., 51 vol.; undrs. rating, third class.

Water Supply—Src., wells; sys., grav., pump to stdp.; stdp. cap., 70,400 gals., dim. 12 x 80; pump. eng., cap. day 750,000 gals.; mains, 7 1/4 m., 4 to 8 in. dia.; 36 hyd.; 50 v.; met., 150; 297 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 120 lbs.; cost, \$34,703.58; cost mtce., \$1,100; wks. owned by city.

ESTHERVILLE, p. 3,404; f. area, 3,000 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd. & bk., 1 1/2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 hand eng., 50 c. hand ex., 1 h. & l. trk., 3 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 200 ft.; inf., 400 ft.; tot. hose, 2,100 ft.; f. al., elec., 10 bx.; val. equip., \$3,000; val. bldgs., \$6,000; exp. dept., \$1,200; tot. mem., 50 vol.

Water Supply—Src., wells & riv., 6 blocks bus. cent.; sys., pump dir.; res. cap., 100,000 gals., loc. at station; 1 pump. eng., class comp. dup., cap. day, 75,000 gals.; mains, c. l. 7 m., 4 to 10 in. dia.; 38 hyd.; 10 v.; 200 met.; 272 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 125 lbs.; cost, \$12,500; wks. owned by city.

ESSEX, p. 778. F. dept.—2 hose wag., 1,500 ft. hose; f. al., bell & tarp.; val. equip., \$900; exp. dept., \$50; tot. mem., 20 vol.

Water Supply—Src., well; sys., grav.; 2 tks., dim. 8 x 36, cap. 27,000 gals.; mains, 4 m., 4 & 6 in. dia.; 65 hyd.; pres., dom. & f., 65 lbs.; cons. day, 3,000 gals.; cost, \$3,500; wks. owned by town.

EXMRA, p. 787. F. dept.—1 hose cart, 1 hand eng., 600 ft. 2-in. cot. jacket hose; f. al., bell; vol., 30 men.

Water Supply—Src., well; sys., grav.; 1 pump; tk. dim. 12 x 30, cap. 22,880 gals.; 1 m. 3 & 4-in. mains; 7 hyd.; pres., 20 lbs.

FAIRBANKS, p. 618; 95 per cent. of bldgs. frame. F. dept.—1 hand eng., 1 hose cart, 1 h. & l. trk.; hose, cot., 600 ft.

Water Supply—Src., tk.; dim. 8 x 36; 1 pump; mains, 5 blocks, 6 in. dia.; 5 hyd.; pres., 150 lbs.; wks. owned by town.

FARFIELD, p. 4,970; f. area, 1,900 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 1,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell & tarp.; val. equip., \$2,000; val. bldgs., \$4,000; exp. dept., \$1,500; tot. mem., 17, pd. full time 1, vol. 16.

Water Supply—Src., res., 1 m. bus. cent.; sys., grav., pump from res. to stdp. & dir.; stdp. cap., 150,000 gals., dim. 28 x 28, mat. stl.; res. cap., 200,000,000 gals., loc. 1 1/4 m. bus. cent.; 5 pump. eng., cap. day, 2,250,000 gals.; mains, c. l. 10 m., 4 to 10 in. dia.; 67 hyd.; 80 v.; met., 500; 625 serv.; pipe, iron & lead; pres., dom. 50 lbs., f. 125 lbs.; cons. day, 300,000 gals.; cost, \$150,000; cost mtce., \$6,000; wks. owned by city.

FARLEY, p. 676. F. dept.—1 h. & l. trk., 1 comb. hand & c. eng., 1 hose cart, 8 buckets, 400 ft. 2-in. cot. jacket hose, 800 ft. 2 1/2-in. cot. jacket hose; f. al., bell; vol., 46 men.

Water Supply—Src., well; sys., grav.; 1 pump; tk. 18 x 20, cap. 38,000 gals., elevation 85 ft.; mains, 3/4 m., 4 & 6 in. dia.; 12 hyd.; pres., dom. & f. 40 lbs.

FARMINGTON, p. 1,165; f. area, 160 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 1/2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—20 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$500; exp. dept., \$200; tot. mem., 30 vol.; undrs. rating, third class.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 300,000 gals.; 1 pump. eng., class comp., cap. day 500,000 gals.; mains, 3 m., 4 to 6 to 8 in. dia.; 15 hyd.; met., 5; 60 serv.; pres., dom. 85 lbs., f. 112 lbs.; cons. day, 75,000 gals.; cost, \$10,000; cost mtce., \$1,000; wks. owned by city.

FAYETTE, p. 1,112; merc. bldgs., bk.; priv. wd. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 750 ft.; inf., 70 ft.; tot. hose, 820 ft.; f. al., wh.; 25 vol.

Water Supply—Src., wells; sys., pump; pump. cap. day, 500,000 gals.

FONDA, p. 978; f. area, 140 a.; merc. bldgs., bk. & wd., 2 stor.; priv. wd., 2 stor.; wd. rfa. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; inf., 1,000 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$2,500; tot. mem., 15 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 68,000 gals., dim. 20 x 36, mat. stl.; 2 pump. eng., cap. day 100,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 15 hyd.; 7 v.; 101 met.; 101 serv.; pipe, wrt. f.; pres., dom. 42 lbs., f. 100 lbs.; cons. day, 35,000 gals.; cost, \$15,000; cost mtce., \$850; wks. owned by city.

FONTAINELE, p. 789; f. area, 320 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 hose carts, 1 h. & l. trk., ladders; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$1,480; tot. mem., 21 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; 1 pump. eng., cap. day 360,000 gals.; mains, c. l., 2½ m., 32 hyd.; 6 v.; pres., dom. & f., 40 lbs.; cost, \$17,000; wks. owned by city.

FOREST CITY, p. 1,691; f. area, 6 blocks; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 aer. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 300 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; tot. mem., 27 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 115,000 gals., d.m. 100 x 14; res. cap., 50,000 gals.; 2 pump. eng., cap. day 537,600 gals.; mains, 4 m., 4 to 8 in. dia.; 25 hyd.; 200 serv.; pres., dom. 80 lbs., f. 100 lbs.; cost, \$19,000; cost mtce., \$1,000; wks. owned by city.

FORT DODGE, p. 15,543; merc. bldgs., bk. & conc., 1 to 6 stor.; priv. wd., bk. & cem., 1 to 3 stor.; wd. rfa. not perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 1 hose wag., 4 c. hand ex., 2 h. & l. trk., 3 hose reels, 4 hrs.; hose, rub. lined, gd., 2,500 ft.; cot., rub. lined, 2,000 ft.; tot. hose, 4,500 ft.; f. al., Gamewell, 13 bk.; val. equip., \$10,000; val. bldgs., \$8,000; exp. dept., \$9,500; tot. mem., 60, pd. full time 6, vol. 54; undra. rating, third class.

Water Supply—Src., filter galleries on island & 3 wells, ½ m. bus. cent.; sys., grav., pump to stdp.; stdp. cap. 106,000 gals., dim. 24 x 32, mat. stl.; 2 pump. eng., class comp. dup., size 14 x 24 x 12 x 18, 17 x 12 x 16 x 20, cap. day 4,500,000 gals.; mains, c. l., 17 m., 4 to 12 in. dia.; 166 hyd.; 99 v.; met., 1,900; 2,000 serv.; pipe, lead & iron; pres., dom. 100 lbs., f. 140 lbs.; cons. day, 2,000,000 gals.; cost, \$102,000; cost mtce., \$6,960; wks. owned by city.

FORT MADISON, p. 8,900; f. area, 1,147 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 6 hose car., 6 hrs.; hose, cot., rub. lined, gd., 6,400 ft.; rub. gd., 1,500 ft.; inf., 1,060 ft.; tot. hose, 8,900 ft.; f. al., bell; val. equip., \$11,000; val. bldgs., \$6,500; exp. dept., \$3,300; tot. mem., 139 vol.; undra. rating, third class.

Water Supply—Src., wells & riv., 1 m. bus. cent.; sys., pump to res. & dir.; res. cap., 30,000, 000 gals., loc. on bluff 165 ft. above riv.; 1 pump. eng., class comp. dup., size 18½ x 29 x 16 x 18, cap. day 5,000,000 gals.; mains, c. l., 14 m., 4 to 14 in. dia.; 138 hyd.; met., 210; 560 serv.; pipe, black & galv. l.; pres., dom. 70 lbs., f. 120 to 140 lbs.; cons. day, 3,000,000 gals.; cost mtce., \$8,000; wks. owned by Co.

FREMONT, p. 301. F. dept.—1 gasoline eng., 500 ft. gd. cot. hose; vol., 5 men.

Water Supply—Src., wells.

GALVA, p. 357; all bldgs. frame but 2. F. dept.—1 hose cart, 500 ft. hose; f. al., bell; vol., 18 men.

Water Supply—Src., wells; tk., 16 x 16 ft.; 1 pump; mains, 3,600 ft., 6 & 4 in. dia.; 14 hyd.; pres., dom. 55 lbs., f. 100 lbs.; wks. owned by town.

GARDEN GROVE, p. 611. F. dept.—1 c. eng. in reserve, 200 ft. hose; f. al., bell.

Water Supply—Src., priv. wells; priv. tk., 10 ft. in dia., 100 bbls. cap.; water elevated to tk. by windmills; 2 hyd.; 1 block 1-in. mains.

GARNER, p. 1,028; f. area, 100 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 1½ stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell, wh., elec., 6 bx.; tot. mem., 20, pd. part time.

Water Supply—Src., wells, 5 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; elevation, 120 ft.; mat., stl.; 1 pump. eng., class gas, cap. day 129,600 gals.; mains, c. l., 8 to 10 in. dia.; 10 hyd.; met., 32; 75 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 12,000 gals.; cost, \$8,000; wks. owned by city.

GILMAN, p. 430; all bldgs. frame but 2. F. dept.—None organized; hand eng. (unservicable), 600 ft. 2-in. cot. jacket hose; f. al., bell.

Water Supply—Src., spr.; sys., grav. & dir. pres.; 1 str. pump, 3 blocks 2-in. mains; pres., dom. & f. 16 lbs.

GILMORE CITY, p. 750; f. area, 20 a.; priv. dwellings, str., 1 & 2 stor.; wd. rfa. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. & h. wag., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; val. equip., \$1,700; val. bldgs., \$2,500; tot. mem., 150 vol.

Water Supply—Src., well, in cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; res. cap. 60,000 gals.; pres., dom. 48 lbs.; cost, \$16,000; wks. owned by city.

GLADBROOK, p. 869. F. dept.—1 h. & l. trk., 2 hose carts, 1,000 ft. 2½-in. cot. jacket hose; f. al., bell; vol., 28 men.

Water Supply—Src., well; sys., grav.; 1 str. pump, cap. 30 gals. min.; tk. dim. 16 x 16, cap. 25,000 gals.; 1½ m. 4 & 6-in. mains; 10 hyd.; pres., dom. & f. 35 lbs.

GLENWOOD, p. 4,052; f. area, 20 a.; merc. bldgs., bk., 2 stor.; priv., bk., 2 stor.; wd. rfa. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$800; tot. mem., 40 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., grav., pump to stdp.; stdp. cap., 90,000 gals.; dim., 12 x 40 & 16 x 40; mat., stl.; res. loc. on high hill; 1 pump. eng., cap. day 65,000 gals.; mains, c. l., 2½ m., 4 to 8 in. dia.; 20 hyd.; 10 v.; met., 182; 182 serv.; pipe, galv. l.; pres., dom. 95 lbs., f. 95 lbs.; cost, \$25,000; cost mtce., \$1,400; wks. owned by city.

GOLDFIELD, p. 618; all bldgs. frame & bk. veneered but 2. F. dept.—1 str., 1 hose cart, 1,200 ft. hose, 1 comb. c., cap. 100 gals.; f. al., bell; vol., 25 men.

Water Supply—Src., wells, cisterns & res.

GOWRIE, p. 829; all bldgs. wd. but 3. F. dept.—1 hose cart; hose, 600 ft.; vol., 20 men.

Water Supply—Src., well; sys., grav.; tk. dim. 20 x 20, cap. 47,000 gals.; 1 pump; mains, 9 blocks, 4 & 6 in. dia.; 9 hyd.; pres., 43 lbs.; wks. owned by town.

GRAND JUNCTION, p. 1,012. F. dept.—1 hand eng., 1 c. eng., 1 comb. c. & hose wag., 15 c. hand ex., 1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 200 ft.; rub., gd., 400 ft.; tot. hose, 600 ft.; f. al., bell; tot. mem., 24 vol.

Water Supply—Src., well; sys., pump to stdp. & mains; 2 pumps; 2 tks., 75,000 gals. cap. each; mains, 4 blocks, 3 in. dia.; 3 hyd.

GRAND MOUND, p. 428. F. dept.—1 hose cart, 1 hose reel, 1 h. & l. trk., 16 f. buckets; hose, cot., 800 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., 8-in. well, 22 ft. deep; sys., grav.; 1 pump; tk. dim. 20 x 16, cap. 25,000 gals.; mains, 1 m., 4 & 6 in. dia.; 12 hyd.; pres., dom. & f. 30 lbs.

GRANVILLE, p. 400; all bldgs. frame. F. dept.—1 hose cart; hose, 500 ft.; f. al., bell; 12 vol.

Water Supply—Src., shallow well; tk. dim. 18 x 22, cap. 1,300 bbs.; 1 pump; mains, 1,600 ft., 4 & 6 in. dia.; 3 hyd.; pres., 30 lbs.

GREENE, p. 1,150; f. area, 640 a.; merc. bldgs., bk. & stn., 1 to 2 stor.; priv., wd., 1½ stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 1,200 ft.; inf., 300 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$200; exp. dept., \$75; tot. mem., 14 vol.

Water Supply—Src., well; sys., pump to stdp. & dir.; stdp. cap., 51,000 gals.; dim., 20 x 22; mat., stl.; 1 pump. eng., class comp., cap. 750 gals. min.; mains, 2 m., 4 to 8 in. dia.; 21 hyd.; 44 serv.; pres., dom. 60 lbs., f. 100 to 150 lbs.; cons. day, 30,000 gals.; cost, \$14,000; cost mtce., \$700; wks. owned by city.

GREENFIELD, p. 1,379; f. area, 160 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. rfa. perm. F. dept.—1 h. & 1 trk., 1 hose car.; hose, linen, gd., 300 ft.; rub. gd., 100 ft.; inf., 100 ft.; tot. hose, 500 ft.; val. equip., \$400; val. bldgs., \$600; tot. mem., 25 vol.; undrs. rating, third class.

Water Supply—Src., well; 1 pump. eng., cap. 30 bbls. hour.

GRIMES, p. 733. F. dept.—1 comb. hand & a. eng., 1 hose cart, 700 ft. hose; f. al., wh.

Water Supply—Src., well; sys., grav.; 1 pump; tk., dim. 12 x 14, cap. 11,844 gals.; mains, 2½ blocks, 6 in. dia.; 4 hyd.; pres., dom. 32 lbs., f. 32 lbs.

GRINNELL, p. 5,036; f. area, 3 sq. m.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., wd., 1½ to 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 h. & 1 trk., 2 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$8,500; exp. dept., \$845; tot. mem., 50, pd. full time 1, pd. part time 3, 46 vol.

Water Supply—Src., wells, 1 block bus. cent.; sys., pump to res. & stdp.; stdp. cap., 35,000 gals.; dim., 11 x 48; mat., stl.; res. cap., 176,000 gals., loc. 1 block bus. cent.; 3 pump. eng., cap. day 1,125,000 gals.; mains, c. i., 14 m., 4 to 10 in. dia.; 76 hyd.; 25 v.; met., 750; 975 serv.; pipe, galv. i. & lead; pres., dom. 30 to 45 lbs., f. 100 to 135 lbs.; cons. day, 115,000 gals.; cost, \$50,000; cost mtce., \$5,000; wks. owned by city.

GRISWOLD, p. 949; f. area, 160 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 450 ft.; tot. hose, 950 ft.; f. al., bell; val. equip., \$300; val. bldgs., \$200; exp. dept., \$25; tot. mem., 30 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 60,000 gals.; dim., 10 x 100; pump. eng., cap. day, 100,000 gals.; mains, 1½ m., 4 to 6 in. dia.; 11 hyd.; 25 serv.; pipe, galv. i.; cost, \$7,000.

GRUNDY CENTER, p. 1,854; f. area, 6 blocks; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. rfa. not perm. F. dept.—2 c. eng., 2 hose car., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell & wh.; val. equip., \$8,200; exp. dept., \$850; tot. mem., 29 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir. to mains & stdp.; stdp. cap., 95,000 gals.; dim., 12 x 100; mat., stl.; 1 pump. eng., cap. day, 100,000 gals.; mains, c. i., 2½ m., 4, 6 & 8 in. dia.; 24 hyd.; 7 v.; met., 2; 100 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 55 lbs.; cost, \$20,000; cost mtce., \$1,000; wks. owned by city.

GUTHRIE CENTER, p. 1,337; f. area, 40 a.; merc. bldgs., mostly bk., 1 to 3 stor.; priv., mostly wd., 1½ stor.; wd. rfa. not perm. in f. area. F. dept.—2 c. eng. on wls., 3 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 150 ft.; inf., 450 ft.; tot. hose, 1,400 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$3,000; tot. mem., 36, pd. part time.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 50,000 gals.; 2 pump. eng., class hor. dup., cap. day 100,000 gals.; mains, iron, ¾ m., 4 to 6 in. dia.; 50 hyd.; 40 v.; 50 serv.; pipe, c. i.; pres., dom. 90 lbs., f. 90 to 110 lbs.; cons. day, 100,000 gals.; wks. owned by city.

GUTTENBERG, p. 1,873; f. area, 640 a.; merc. bldgs., bk. & stn., 3 stor.; priv., wd., 2 stor.; wd.

rfa. perm. F. dept.—1 c. eng., 1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., elec., 10 bx.; val. equip., \$15,450; val. bldgs., \$1,650; exp. dept., \$100; tot. mem., 36 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to res. & dir.; res., cap. 15,000,000 gals., loc. on bluff 264 ft. above pump; 1 pump. eng., class comp., cap. day, 750,000 gals.; mains, c. i., 3 m., 4, 6, 8 & 10 in. dia.; 50 hyd.; met., 102; 102 serv.; pipe, iron & lead; pres., dom. 110 lbs., f. 160 lbs.; cons. day, 200,000 gals.; cost, \$14,600; cost mtce., \$900; wks. owned by city.

HAMBURG, p. 1,817; f. area, 160 a.; merc. bldgs., bk. & iron., 2 & 3 stor.; priv., bk. & wd. 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose wag.; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$7,000; tot. mem., 22 vol.; undrs. rating, second class.

Water Supply—Src., spr. & wells, ¼ m. bus. cent.; sys., pump to res. & dir.; res. cap. 200,000 gals., loc. on high elevation; 1 pump. eng., cap. day, 220,000 gals.; mains, c. i., 3 m., 4 to 6 in. dia.; 30 hyd.; 14 v.; met., 142; 185 serv.; pipe, galv. i.; pres., dom. & f., 80 lbs.; cons. day, 50,000 gals.; cost, \$20,000; cost mtce., \$1,200; wks. owned by city.

HAMPTON, p. 2,617; f. area, 320 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 c. eng., 1 comb. c. & hose wag., 3 c. hand ex., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$800; tot. mem., 20 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav., pump to stdp. dir.; stdp. cap., 60,000 gals.; dim., 10 x 110; mat., stl.; res. cap. 200,000 gals., loc. at pump. station; 2 pump. eng., cap. day, 1,500,000 gals.; mains, c. i., 3½ m., 4 to 8 in. dia.; 34 hyd.; 16 v.; met., 106; 230 serv.; pipe, lead; pres., dom. 48 lbs., f. 125 lbs.; cons. day, 125,000 gals.; cost, \$81,000; cost mtce., \$2,700; wks. owned by city.

HARLAN, p. 2,570; f. area, 25 a.; merc. bldgs., bk., 1 to 6 stor.; priv., wd., 1½ stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,550 ft.; f. al., bell & wh.; val. equip., \$6,000; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 68 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 45,000 gals.; dim., 10 x 75; 2 pump. eng., cap. day, 900,000 gals.; mains, c. i., 10 m., 4 to 8 in. dia.; 49 hyd.; 30 v.; 159 met.; 379 serv.; pres., dom. 50 lbs., f. 85 lbs.; cons. day, 250,000 gals.; cost, \$33,000; cost mtce., \$3,500; wks. owned by town.

HARTLEY, p. 1,106; merc. bldgs., wd. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell & wh.; tot. mem., 25 vol.

Water Supply—Src., well; pump. cap. day, 94,500 gals.

HARPER, p. 330. F. dept.—1 hand eng., 80 ft. hose; no organized company.

Water Supply—Src., well.

HAWARDEN, p. 2,107; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 2½ stor.; priv., wd., 1 to 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. not officially inv. F. dept.—1 h. & 1 trk., 2 hose carts, 1 supply cart; hose, cot., rub. lined, gd., 1,200 ft.; f. al., telp. sys. & wh.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., wells; sys., pump dir.; stdp. cap., 60,000 gals.; 2 pump. eng., cap. day, 250,000 gals.; mains, 2½ m.; 20 hyd.; met., 100; 75 serv.; pres., dom. 80 lbs., f. 120 lbs.; cost, \$25,000; wks. owned by city.

HAWKEYE, p. 510. F. dept.—1 c. eng., 150 ft. hose; f. al., bell; 16 vol.

Water Supply—Src., wells.

HEDRICK, p. 978; f. area, 640 a. F. dept.—1 c. cart, 1 hose cart; f. al., bell; val. equip., \$1,500; val. bldgs., \$3,000; exp. dept., \$250; tot. mem., 23 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; 2 pump.

eng., cap. day 25,000 gals.; mains, 3 m., 4 to 8 in. dia.; 25 hyd.; 12 v.; 25 met.; pres., dom. 50 lbs.; f. 60 lbs.; cost, \$19,000; cost mtce., \$800; wks. owned by city.

HOLSTEIN, p. 936; f. area, 16 blocks; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$4,000; tot. mem., 25 vol.

Water Supply—Src., spr.; sys., pump to res. & stdp.; stdp. cap., 60,000 gals.; res. cap., 175,000 gals.; pump. eng., cap. day 75,000 gals.; mains, 2 1/2 m., 4 to 6 in. dia.; 42 hyd.; 8 v.; 52 serv.; pres., dom. 45 lbs.; f. 120 lbs.; cost, \$20,000; cost mtce., \$2,000; wks. owned by city.

HOPKINTON, p. 797. F. dept.—1 comb. c. & h. wag., 1 hose cart, 600 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., well; sys., grav.; 1 pump; tank dim., 20 x 20, cap. 23,500 gals.; mains, 3,300 ft., 6 in. dia.; 7 hyd.; pres., dom. 55 lbs., f. 55 lbs.

HORNICK, p. 245; all bldgs. frame. F. dept.—1 c. eng., 120 ft. hose; 14 vol.

Water Supply—Not reported.

HUBBARD, p. 568. F. dept.—2 hose carts, 1,250 ft. hose; f. al., bell; val. equip., \$1,500; val. bldgs., \$500; 16 vol.

Water Supply—Src., well; sys., grav.; stdp. cap., 26,000 gals.; 1 pump. eng., cap. day 216,000 gals.; mains, 9 blocks, 4 to 8 in. dia.; 9 hyd.; 5 v.; 63 met.; 65 serv.; pres., dom. & f., 35 lbs.; cons. day, 6,000 gals.; cost, \$4,000; cost mtce., \$250; wks. owned by city.

HUDSON, p. 372. F. dept.—2 hose carts, 700 ft. hose; f. al., bell; 14 vol.

Water Supply—Src., wells; sys., grav.; 1 pump; tk. cap., 40,000 gals.; mains, 17 blocks, 1, 1 1/4 & 6 in. dia.; 6 hyd.; pres., dom. & f. 45 lbs.

HULL, p. 658. F. dept.—3 hose carts, 1 c. eng., 1,500 ft. hose; f. al., wh., 15 vol.

Water Supply—Src., well; sys., grav.; 1 pump; tk., 14 x 19, cap. 29,694 gals.; mains, 1,400 ft., 4 to 6 in. dia.; 4 hyd.; pres., dom. & f. 35 lbs.

HUMBOLDT, p. 1,809; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 200 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$500; exp. dept., \$250; tot. mem., 22, pd. part time.

Water Supply—Src., spr.; sys., pump to res.; cap., 117,500 gals.; 2 pump. eng., class dup., cap. day 500,000 gals.; mains, 3 m., 4 to 8 in. dia.; 28 hyd.; 4 v.; met., 84; 125 serv.; pres., dom. 50 lbs.; f. 60 to 100 lbs.; cost, \$12,500; cost mtce., \$800; wks. owned by city.

HUMESTON, p. 1,066. F. dept.—1 comb. c. & hand eng., 1 h. & l. trk., 6 c. hand ex., 1 c. tank with 150 ft. c. hose; hose, cot., rub. lined, gd., 750 ft.; f. al., bell; 20 vol.

Water Supply—Src., res., 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; res. cap., 45,000 gals.; 1 pump. eng., class dup., cap. day 268,000 gals.; mains, c. l., 4 m., 4 to 6 in. dia.; 27 hyd.; 16 v.; pres., dom. & f., 43 lbs.; cost, \$80,000; wks. owned by city.

IDA GROVE, p. 1,874; f. area, 200 a.; merc. bldgs., stn., bk. & wd., 1 to 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$1,200; tot. mem., 23 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 125,000 gals.; dim., 20 x 90; 2 pump. eng., cap. day, 150,000 gals.; mains, 12 m., 4 to 6 in. dia.; 48 hyd.; 35 v.; met., 300; 300 serv.; pres., dom. 75 lbs., f. 80 lbs.; cons. day, 75,000 gals.; cost, \$75,000; cost mtce., \$2,700; wks. owned by city.

INDEPENDENCE, p. 3,517; f. area, 1,850 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 1/2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 4 hose reels; hose, cot., rub. lined, gd., 2,800 ft.; inf., 200 ft.; tot. hose, 3,000 ft.; f. al., wh.; val. equip., \$6,000; val. bldgs., \$8,000; exp. dept., \$366; tot. mem., 79 vol.; undrs. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump dir. to mains; 3 pump. eng., class comp. dup. & trip.; cap. day, 3,000,000 gals.; mains, 6 m., 6 to 12 in. dia.; 55 hyd.; 18 v.; met., 600; 530 serv.; pipe, lead & c. l.; pres., dom. 60 lbs., f. 150 lbs.; cons. day, 1,500,000 gals.; cost, \$95,000; cost mtce., \$6,500; wks. owned by city.

INDIANOLA, p. 2,283; f. area, 80 a.; merc. bldgs., bk., 1 to 2 stor.; priv., bk. & wd., 1 to 1 stor.; wd. rfs. not perm. in f. area; fwks. and combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose wag.; hose, rub., cot. lined, gd., 1,000 ft.; rub., gd., 200 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$3,500; exp. dept., \$200; tot. mem., 40 vol.

Water Supply—Src., riv., 1 1/2 m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 30,000 gals.; mat., bk. & stl.; res. cap., 800,000 gals.; 3 pump. eng., class dup., cap. day, 500,000 gals.; mains, 6 m., 4 to 10 in. dia.; 70 hyd.; 150 met.; 150 serv.; pres., dom. 95 lbs., f. 140 lbs.; cost, \$50,000; cost mtce., \$3,000; wks. owned by city.

INWOOD, p. 595; f. area, 320 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 300 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$1,000; tot. mem., 15 vol.

Water Supply—Src., 4 cisterns; sys., pump to stdp.; stdp. cap., 50,000 gals.; pump. cap., 60 gals. min.

IOWA CITY, p. 10,091; f. area, 80 a.; merc. bldgs., stn. & bk., 1 to 6 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 sta. comb. c. & h. wag., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 1,000 ft.; tot. hose, 6,000 ft.; f. al., bell & wh., 14 bx.; val. equip., \$15,000; val. bldgs., \$12,000; exp. dept., \$5,000; tot. mem., 70, pd. part time.

Water Supply—Src., riv., 1/2 m. bus. cent.; sys., pump to stdp. & dir. to mains; stdp. cap., 80,000 gals.; dim., 21 x 84; mat., stl.; 2 pump. eng., cap. day, 3,500,000 gals.; mains, c. l., 18 1/4 m., 4 to 20 in. dia.; 208 hyd.; 143 v.; met., 220; 1,535 serv.; pipe, lead & galv. i.; pres., dom. 65 lbs., f. 130 lbs.; cons. day, 2,000,000 gals.; cost mtce., \$20,210; wks. owned by Co.

IOWA FALLS, p. 2,797; f. area, 7 blocks; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, gd., 2,500 ft.; f. al., bell & wh.; val. equip., \$6,600; val. bldgs., \$1,000; tot. mem., 24, pd. full time 1, vol. 23.

Water Supply—Src., wells, 1/2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 84,600 gals.; dim., 12 x 100; mat., stl.; res. cap., 90,000 gals.; 3 pump. eng., cap. day, 1,200,000 gals.; mains, 4 1/2 m., 4 to 10 in. dia.; 84 hyd.; 12 v.; met., 18; 300 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 55 lbs.; cons. day, 65,000 gals.; cost, \$25,000; cost mtce., \$1,800; wks. owned by city.

IRETON, p. 631; all bldgs. frame but 2. F. dept.—c. hand ex., 1 c. eng., 1 hose wag., 1,200 ft. hose; f. al., bell; val. equip., \$1,800; val. bldgs., \$1,500; tot. mem., 25 vol.

Water Supply—Src., well; sys., pump to tank; 1 pump; mains, 1 m., 4 to 8 in. dia.; 13 hyd.; pres., 35 lbs.

JAMAICA, p. 379. F. dept.—1 c. eng., 1 h. & l. trk., 30 f. buckets; f. al., bell; 20 vol.

Water Supply—Src., well.

JEFFERSON, Greene Co., p. 2,477; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 450 ft.; rub., gd., 550 ft.; inf., 450 ft.; tot. hose, 1,450 ft.; f. al., bell; val. equip., \$2,000; tot. mem., 59 vol.

Water Supply—Src., well; sys., grav. & pump to res.; stdp. cap., 100,000 gals., 126 ft. high; mat., stl.; res. cap., 100,000 gals.; pump. eng., cap. day, 60,000 gals.; mains, 4 m., 6 to 10 in. dia.; 21 hyd.; met., 155; 170 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 20,000 gals.; cost, \$21,000; cost mtce., \$1,500; wks. owned by city.

JESUP, p. 697. F. dept.—1 hose cart, 1,100 ft. hose; f. al., bell; 10 vol.

Water Supply—Src., well; sys., grav.; 1 pump, cap. 125 gals. min.; tank, 8 x 36, cap. 11,000 gals.; mains, 3,800 ft., 4 to 6 in. dia.; 9 hyd.; pres., 70 lbs.

JEWELL JUNCTION, p. 941. F. dept.—1 h. & l. trk., 3 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$3,000; 16 vol.

Water Supply—Src., wells; sys., grav.; res. cap., 200,800 gals.; 1 pump, eng., cap. 250 bbls. hr.; mains, 1 block, 4 to 6 in. dia.; 13 hyd.; 4 v.; 60 met.; pres., dom. 60 lbs., f. 80 lbs.; cons. day, 1,000 gals.; cost, \$8,000; cost mtce., \$400; wks. owned by city.

KELLOGG, p. 610. F. dept.—1 comb. c. & hand eng., 1 hose cart, 500 ft. hose; f. al., bell; 24 vol.

Water Supply—Src., wells; 2 pump, eng., tank dim., 10 x 20, cap., 500 bbls.; mains, ½ m., 4 in. dia.; 4 hyd.; wks. owned by town.

KEOKUK, p. 14,008; f. area, 1½ sq. m.; merc. bldgs., stn., bk., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord. F. dept.—2 str., 1 c. eng., 1 h. & l. trk., 1 hose wag., 3 hose reels, 8 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 1,000 ft.; tot. hose, 5,000 ft.; f. al., bell & telp.; val. equip., \$10,000; val. bldgs., \$20,000; exp. dept., \$7,500; tot. mem., 19, pd. full time 8, pd. part time 11.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump dir.; 4 pump, eng., cap. 9,000,000 gals.; mains, c. l., 25 m., 4 to 14 in. dia.; 160 hyd.; met., 1,557; 2,850 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 1,500,000 gals.; wks. owned by Co.

KEOSAUQUA, p. 1,009. F. dept.—1 hose cart, 800 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., riv.; sys., grav. & pump dir.; tk., 14 x 33, cap. 70,000 gals.; 1 pump, cap. 30,000 gals. hr.; mains, 1½ m., 4 to 8 in. dia.; 17 hyd.; pres., dom. 45 lbs., f. 200 lbs.; wks. owned by town.

KEOTA, p. 988; f. area, 180 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—3 hose carts, 4 c. hand ex., hooks, ladders & buckets; hose, 1,700 ft.; f. al., bell; val. equip., \$1,800; tot. mem., 33 vol.

Water Supply—Src., wells; sys., pump to stdp.; dim., 20 x 24; met., 65; pres., f. 55 lbs.; cost, \$3,500.

KEYSTONE, p. 412; all bldgs. bk. & wd. F. dept.—1 h. & l. trk., 8 hose carts, 1,100 ft. hose; f. al., bell; 12 vol.

Water Supply—Src., wells, 4 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 1,200 gals.; 1 pump, eng.; cap., 80 bbls. hour; mains, i., ¼ m., 6 to 8 in. dia.; 12 hyd.; 4 v.; 22 met.; pres., dom. & f. 40 lbs.; cons. day, 250 gals.; cost, \$4,500; cost mtce., \$230; wks. owned by city.

KINGSLEY, p. 977. F. dept.—1 comb. c. & hand eng., 1 hose cart, 1 hose wag., 900 ft. hose; f. al., bell; 24 vol.

Water Supply—Src., wells; sys., grav.; 1 pump; tk., 20 x 22, cap. 50,700 gals.; mains, ¾ m., 4 to 6 in. dia.; 14 hyd.; pres., dom. & f. 46 lbs.

KIRKMAN, p. 180; all bldgs. frame but 2. F. dept.—1 hose cart, 500 ft. hose, 4 c. hand ex.; f. al., bell; 12 vol.

Water Supply—Src., well; sys., air pres.; tk., 8 x 30, cap. 12,000 gals.; 1 pump; mains, 2,300 ft., 4 in. dia.; 7 hyd.; pres., 65 lbs.

KLEMME, p. 306. F. dept.—1 hose cart, 700 ft. hose; f. al., bell; 15 vol.

Water Supply—Src., well; sys., air pres.; 1 pump; tk., 8 x 36, cap. 11,000 gals.; mains, 1,000 ft., 6 in. dia.; 4 hyd.; pres., 65 lbs.

KNOXVILLE, p. 3,190; f. area, whole town; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1½ stor.; wd. ris. not perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 300 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$1,000; tot. mem., 13, pd. full time 1, vol. 12.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., grav., pump to res. & stdp.; stdp. cap., 98,000 gals.; mat., iron; res. cap., 8,000,000 gals.; pump, eng., cap. day 1,125,000 gals.; mains, c. l., 8½ m., 4 to 10 in. dia.; 52 hyd.; 20 v.; met., 80; 200 serv.;

pipe, iron; pres., dom. 50 lbs., f. 80 to 100 lbs.; cost, \$41,000; cost mtce., \$2,000; wks. owned by city.

LAKE CITY, p. 2,043; f. area, 400 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 500 ft.; inf., 1,500 ft.; tot. hose, 2,000 ft.; f. al., wh.; tot. mem., 30 vol.

Water Supply—Src., well, 1 block bus. cent.; sys., grav., pump to stdp.; stdp. cap., 67,000 gals.; dim., 80 x 12; mat., stl.; 2 pump, eng., cap. day 108,000 gals.; mains, 6 m., 4 to 10 in. dia.; 18 hyd.; pipe, iron; cost, \$8,000; cost mtce., \$1,300; wks. owned by city.

LAKE MILLS, p. 1,214. F. dept.—1 h. & l. trk., 2 hose carts; 1,600 ft. hose; f. al., bell & wh.; 20 vol.

Water Supply—Src., well; tank cap., 56,400 gals.; 1 pump, cap. 72,000 gals. day; mains, 1½ m., 4 to 8 in. dia.; 16 hyd.; pres., dom. 40 lbs.

LAKE PARK, p. 552. F. dept.—2 hose reels, 1 h. & l. trk., 1,000 ft. hose, 9 c. hand ex.; f. al., bell; 20 vol.

Water Supply—Src., Silver lake; sys., grav.; stdp. cap., 90,000 gals.; 1 pump, class trip.; mains, 3,000 ft., 4 to 6 in. dia.; 12 hyd.; pres., dom. 60 lbs.; wks. owned by town.

LAKEVIEW, p. 514. F. dept.—1 hose cart, 600 ft. hose, 6 f. buckets; f. al., bell; 16 vol.

Water Supply—Src., well; tk., 16 x 22, cap. 40,000 gals.; mains, 2 m., 4 to 6 in. dia.; 20 hyd.; pres., 45 lbs.; cost mtce., \$600; wks. owned by town.

LAMONT, p. 571; f. area, 480 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. ris. not perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; tot. mem., 25, pd. part time.

Water Supply—Src., wells, ½ block bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals.; 1 pump, eng., cap. day 72,000 gals.; mains, c. l., 2 m., 4 in. dia.; 20 hyd.; cons. day, 10,000 gals.; cost, \$9,000; cost mtce., \$500; wks. owned by city.

LA MOTTE, p. 288. F. dept.—2 hose carts, 700 ft. hose; vol.

Water Supply—Src., wells; sys., dir. pres.; stdp. cap., 15,000 gals.; 1 pump; mains, 1½ m., 4 to 6 in. dia.; 10 hyd.; pres., 54 lbs.; cost, \$7,000; cost mtce., \$350; wks. owned by town.

LANSING, p. 1,542; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$8,500; tot. mem., 30.

Water Supply—Src., wells, in bus. cent.; sys., pump to res.; res. cap., 150,000 gals.; loc. 250 ft. above town; 2 pump, eng., class trip. dup., cap. day 850,800 gals.; mains, c. l., 2½ m., 4, 6 & 8 in. dia.; 18 hyd.; met., 9; 120 serv.; pipe, galv. i.; pres., dom. 75 to 90 lbs., f. 150 lbs.; cost, \$25,000; cost mtce., \$400; wks. owned by city.

LA PORTE, p. 1,233; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ & 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$150; tot. mem., 16 vol.; undrs. rating, second class.

Water Supply—Src., wells, 1,000 ft. bus. cent.; sys., pump to res.; stdp. cap., 60,000 gals.; dim., 20 x 24; mat., wd. & stl.; 2 pump, eng., cap. day 1,000,000 gals.; mains, c. l., 3½ m., 4 to 8 in. dia.; 33 hyd.; met., 30; 120 serv.; pipe, iron; pres., dom. 45 lbs., f. 80 lbs.; cost, \$80,000; wks. owned by Co.

LATIMER, p. 378. F. dept.—1 hose cart, 500 ft. hose; f. al., bell; val. equip., \$500; val. bldgs., \$500; tot. mem., 14 vol.

Water Supply—Src., well; sys., grav.; 1 pump, cap. 175 gals. min.; tk., 8 x 36, cap. 12,536 gals.; mains, 1,500 ft., 6 in. dia.; 5 hyd.; pres., dom. 65 lbs., f. 80 lbs.; wks. owned by town.

LAURENS, p. 817. F. dept.—1 h. & l. trk., 1 hose cart, 800 ft. hose; f. al., bell; 12 vol.

Water Supply—Src., well; sys., grav.; 1 pump, cap. 100 gals. min.; tk., 18 x 22, cap. 41,877

gals.; mains, 1,350 ft., 6 in. dia.; 7 hyd.; pres., dom. & f. 40 lbs.

LAWLER, p. 601. F. dept.—1 h. & l. trk., 1 hose cart, 500 ft. hose; f. al. bell; 20 vol.

Water Supply—Src., well; tk., 18 x 20, cap. 1,208 bbls.; mains, 2,400 ft., 4 & 5 in. dia.; 13 hyd.; pres., 40 lbs.

LE MARS, p. 4,157; f. area, 600 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 4 hose cart; hose, cot., rub. lined, gd., 3,500 ft.; inf., 600 ft.; tot. hose, 4,100 ft.; f. al., Gamewell, 6 bx.; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$800; tot. mem., 42 vol.

Water Supply—Src., wells, 6 blocks bus. cent.; sys., grav., pump dir.; res. cap., 500,000 gals.; 3 pump. eng., class comp. dup., cap. day 2,500,000 gals.; mains, 10 m., 4 to 10 in. dia.; 97 hyd.; 20 v.; met., 40; 865 serv.; pres., dom. 50 to 60 lbs., f. 90 to 100 lbs.; cons. day 500,000 gals.; cost, \$140,000; cost mtce., \$9,000; wks. owned by Co.

LENOX, p. 1,400; f. area, 120 a. Vol. f. dept., 12 mem.

Water Supply—Src., pond; sys., dir. pres.; 50 hyd.; 600 ft. mains; cost, \$40,000; wks. owned by city.

LEON, p. 1,991; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 12 c. hand eng., 1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$3,000; exp. dept., \$60; tot. mem., 14 vol.; undra. rating, first class.

Water Supply—Src., cisterns & well, in bus. cent.; sys., pump to res., to stdp. & dir.; stdp. cap., 70,000 gals.; res. cap., 110,000 gals.; loc. at station; pump. eng., mains c. l., 6 m., 4 to 10 in. dia.; 95 hyd.; 12 v.; 132 met.; pres., dom. & f. 60 to 100 lbs.; cons. day, 25,000 gals.; cost, \$45,000; wks. owned by city.

LEWIS, p. 603. F. dept.—1 h. & l. trk., 1 hose cart, 900 ft. hose, 20 f. buckets; f. al., bell; 14 vol.

Water Supply—Src., well; sys., grav.; 1 pump, cap. 90 gals. min.; tk., 16 x 20, cap. 80,866 gals.; mains, $\frac{3}{4}$ m., 1 $\frac{1}{2}$ to 6 in. dia.; 8 hyd.; pres., dom. 43 lbs.

LISBON, p. 846; f. area, 6 a.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hand eng., 2 hose carts; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell & wh.; val. equip., \$2,000; exp. dept., \$150; tot. mem., 40 vol.

Water Supply—Src., spr. & well, $\frac{1}{4}$ m. bus. cent.; sys., pump to res., stdp. & dir. to mains; stdp. cap., 36,000 gals.; dim., 12 $\frac{1}{4}$ x 40; mat., bk. & iron; res. cap., 40,000 gals.; loc. in bus. part of town; 1 pump. eng., class trip., cap. day 190,080 gals.; mains, c. l., 2 m., 4 to 6 in. dia.; 15 hyd.; met., 3; 125 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 15,000 gals.; wks. owned by city.

LIVERMORE, p. 578. F. dept.—1 comb. c. & hand eng., 1 h. & l. trk., 1 hose cart, 8 f. buckets, 900 ft. hose; f. al., bell; no org. dept.

Water Supply—Src., well; sys., grav.; 1 pump; tk., 12 x 22, cap. 18,612 gals.; mains, 1 m., 4 to 6 in. dia.; 12 hyd.; pres., dom. & f. 44 lbs.

LOGAN, p. 1,453. F. dept.—Ladders, 3 hose carts, 10 f. buckets, 1,700 ft. hose; f. al., bell; 30 vol.

Water Supply—Src., artesian well; sys., grav. & dir. pres.; stdp. cap., 115,000 gals.; 1 pump, cap. day 150,000 gals.; res. cap., 50,000 gals.; mains, 3 m., 4 to 8 in. dia.; 27 hyd.; pres., dom. & f., 100 lbs.; cons. day, 75,000 to 100,000 gals.; cost, \$25,000; cost mtce., \$2,000; wks. owned by city.

LOHRVILLE, p. 674. F. dept.—1 h. & l. trk., 1 hose cart, 500 ft. hose, 12 f. buckets; f. al., bell; 20 vol.

Water Supply—Src., well; tk., 27 x 20, cap. 50,000 gals.; 1 pump; mains, 3,400 ft., 4 to 8 in. dia.; 12 hyd.; pres., 45 lbs.

LOWDEN, p. 584. F. dept.—1 comb. c. & hand eng., 1 hand eng., 2 hose carts, 1 h. & l. trk., 800 ft. hose; f. al., bell; 15 vol.

Water Supply—Src., 3 cisterns. (C. & N. W. Railway water supply available in case of f.)

LUCAS, p. 666; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 8 c. hand ex., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 400 ft.; val. equip., \$3,000; val. bldgs., \$500; exp. dept., \$400; tot. mem., 37 vol.

Water Supply—Src., wells.

LYONS (supplied by Clinton), p. 6,000; merc. bldgs., bk., 3 & 4 stor.; priv., $1\frac{1}{2}$ & 2 stor.; wd. rfa. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 1 c. eng., 2 h. & l. trk., 3 hose car., 8 hrs.; hose, linen, gd., 5,000 ft.; rub., gd., 500 ft.; inf., 700 ft.; tot. hose, 6,200 ft.; f. al., Gamewell, 60 bx.; val. equip., \$15,000; val. bldgs., \$100,000; exp. dept., \$8,500; tot. mem. 125, pd full time 13, vol. 112.

Water Supply—Src., from city of Clinton.

McGREGOR, p. 1,259; f. area, 4 blocks; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd.; wd. rfa. not perm. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, 400 ft.; rub., gd., 1,000 ft.; tot. hose, 1,400 ft.; f. al., bells; tot. mem., 25 vol.

Water Supply—Src., flowing wells, $\frac{1}{16}$ m. bus. cent.; sys., pump to res.; res. cap., 350,000 gals.; loc. on top of bluff; 1 pump; mains, c. l., 2 $\frac{1}{2}$ m.; 23 hyd.; met., 125; 127 serv.; pres., dom. 75 to 100 lbs., f. 100 lbs.; cons. day, 45,000 gals.; cost, \$23,000; cost mtce., \$800; wks. owned by city.

MACEDONIA, p. 357; f. area, 80 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose reel; hose, cot., rub. lined, gd., 500 ft.; inf., 100 ft.; tot. hose, 600 ft.; f. al., tel.; val. equip., \$500; val. bldgs., \$200; tot. mem., 9 vol.

Water Supply—Src., 5 cisterns, 200 bbls. each.

MADRID, p. 1,191; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 950 ft.; f. al., wh. & elec.; val. equip., \$1,000; val. bldgs., \$5,000; tot. mem., 20 vol.

Water Supply—Not reported.

MALCOM, p. 377. F. dept.—1 hose cart, 700 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., 3 wells; 1 pump; tk., 18 x 20, cap. 12,000 gals.; mains, $1\frac{1}{4}$ m., 3 to 6 in. dia.; 10 hyd.; pres., dom. 60 lbs., f. 100 lbs.

MALVERN, p. 1,154; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,200; tot. mem., 35 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 65,000 gals.; mat., iron; 20 hyd.; 45 serv.; cons. day, 9,450 gals.; cost, \$8,000; wks. owned by city.

MANCHESTER, p. 2,758; merc. bldgs., bk., 2 stor.; priv., wd. & bk., 2 stor.; wd. rfa. not perm.; no fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 2 h. & l. trk., 3 hose car., 1 reel; hose, cot., rub. lined, gd., 2,200 ft.; rub., gd., 700 ft.; tot. hose, 2,900 ft.; f. al., bell; val. equip., \$17,000; tot. mem., 60 vol.; undra. rating, first class.

Water Supply—Src., spr. & well, 1,000 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 115,000 gals.; dim., 15 x 80; loc. 5 blocks bus. cent.; mat., iron; res. cap., 70,000 gals.; loc. on riv. bank; 3 pump. eng., class dup., cap. day 2,160,000 gals.; mains, iron, 6 m., 4 to 8 in. dia.; 38 hyd.; 15 v.; met., 480; 550 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 250,000 gals.; cost, \$40,000; cost mtce., \$3,000; wks. owned by city.

MANILLA, p. 875. F. dept.—1 hose cart, 12 f. buckets, 850 ft. hose; f. al., bells; 16 vol.

Water Supply—Src., 2 wells; sys., grav. & dir. pres.; stdp. cap., 80,000 gals.; mains, 3 m., 4 to 6 in. dia.; 28 hyd.; 5 v.; 30 met.; 80 serv.; pres., dom. 70 lbs., f. 70 to 100 lbs.; cons. day, 10,000 gals.; cost, \$11,000; cost mtce., \$600; wks. owned by city (mains connected with C. M. & St. P. R. R. pump. station).

MANNING, p. 1,434; f. area, 190 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose,

cot., rub. lined, gd., 900 ft.; f. al., bell & wh.; val. equip., \$815; val. bldgs., \$150; tot. mem., 31 vol.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; 2 pump. eng., cap. day 1,180,800 gals.; mains, 12 m., 4 to 6 in. dia.; 27 hyd.; 820 met.; pres., dom. 85 lbs., f. 125 lbs.; cons. day, 80,000 gals.; cost, \$100,000; wks. owned by priv. Co.

MANSON, p. 1236. F. dept.—1 h. & l. trk., 1 hose cart, 12 f. buckets, 1,000 ft. hose; f. al., bell & wh.; 10 vol.

Water Supply—Src., well; sys., grav.; 1 pump, cap. 250,000 gals. day; 2 tks., each 8 x 36, combined cap. 22,000 gals.; mains, 8,000 ft., 2 to 6 in. dia.; 27 hyd.; pres., dom. 50 lbs., f. 80 lbs.

MAPLETON, p. 1100; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 8 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf., 400 ft.; tot. hose, 1,900 ft.; f. al., bell & wh.; val. equip., \$1,600; tot. mem., 35 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav.; res. cap., 70,000 gals.; 1 pump. eng., class dup., cap. day 396,000 gals.; mains, 2 m., 4 to 8 in. dia.; 21 hyd.; 150 met.; pres., dom. 85 lbs., f. 100 lbs.; cons. day, 10,000 gals.; cost, \$15,000; cost mtce., \$1,100; wks. owned by city.

MAQUOKETA, p. 3,570; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 aer. trk., 4 hose carts; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$5,000; tot. mem., 60 vol.; undrs. rating, fourth class.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 188,000 gals.; dim., 20 x 80; mat. stil.; 3 pump. eng., class comp., cap. day 2,500,000 gals.; mains, c. l., 18 m., 4 to 10 in. dia.; 112 hyd.; 75 v.; 850 met.; 850 serv.; pres., dom. 80 lbs., f. 140 lbs.; cons. day, 200,000 gals.; cost, \$100,000; cost mtce., \$3,500; wks. owned by city.

MARATHON, p. 532. F. dept.—1 comb. c. & hand eng., 2 hose carts, 800 ft. hose; f. al., bell; vol.

Water Supply—Src., well; sys., dir. pres.; tk. cap., 15,000 gals.; mains, 4 in. dia.; 4 hyd.

MARBLE ROCK, p. 480. F. dept.—hose reels, 6 f. buckets, 850 ft. hose; f. al., bell; val. equip., \$800; val. bldgs., \$500; tot. mem., 14 vol.

Water Supply—Src., well; sys., grav.; tk., 18 x 22, cap. 50,000 gals.; 1 pump; mains, 5,100 ft., 4 to 6 in. dia.; 10 hyd.; pres., dom. & f., 50 lbs.; cost, \$8,000; wks. owned by municipality.

MARCUS, p. 896. F. dept.—1 comb. c. & hand eng., 1 c. eng., 1 h. & l. trk., 2 hose carts, 1,200 ft. hose; f. al., bell & wh.; 20 vol.

Water Supply—Src., 3 wells, ½ m. bus. cent.; sys., dir. pres.; stdp. cap., 50,000 gals.; mains, 2 m., 2 to 6 in. dia.; 16 hyd.; 45 met.; 90 serv.; pres., dom. & f., 40 lbs.; cons. day, 8,000 gals.; cost, \$11,000; cost mtce., \$600; wks. owned by priv. Co.

MARENGO, p. 1,786; f. area, 160 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag., 1 c. cart; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 500 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$4,000; tot. mem., 77 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 60,000 gals.; dim., 20 x 24; mat. stil.; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, 4 m., 4 to 8 in. dia.; 85 hyd.; 5 v.; pipe, galv. i. & lead; pres., dom. 42 lbs., f. 150 lbs.; cost mtce., \$900; wks. owned by city.

MARION, p. 4,400; f. area, 1,300 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand ex., 1 h. & l. trk., 4 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,300 ft.; tot. hose, 3,300 ft.; f. al., wh. & elec., 14 bx.; val. equip., \$4,000; val. bldgs., \$9,000; exp. dept., \$800; tot. mem., 150, pd. part time 3, 147 vol.

Water Supply—Src., spr.; sys., pump dir.; res. cap., 10,000 gals.; 3 pump. eng., cap. day 1,000,000 gals.; mains, 9 m.; 71 hyd.; met., 10; 500 serv.;

pres., f. 45 to 120 lbs.; cost, \$125,000; cost mtce., \$4,000; wks. owned by Co.

MARNE, p. 266. F. dept.—1 hose wag., 1 h. & l. trk., 30 buckets, 500 ft. hose; f. al., bell; val. equip., \$150; val. bldgs., \$50; tot. mem., 6 vol.

Water Supply—Src., well; sys., grav.; tk., 16 x 20, cap. 27,600 gals.; mains, 6½ blocks, 4 in. dia.; 5 hyd.; pres., dom. 25 lbs.

MARSHALLTOWN, p. 13,374; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 comb. c. & h. wag., 4 c. hand ex., 3 h. & l. trk., 6 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 1,000 ft.; tot. hose, 5,000 ft.; f. al., Game-well, 22 bx.; val. equip., \$2,800; val. bldgs., \$15,000; exp. dept., \$8,000; tot. mem. 11, pd. full time 10, pd. part time 1.

Water Supply—Src., 50 wells, 1½ m. bus. cent.; sys., pump dir.; res. cap., 5,000,000 gals.; 2 pump. eng., cap. day 5,000,000 gals.; mains, 36 m., 4 to 12 in. dia.; 307 hyd.; 248 v.; met., 1,808; 2,509 serv.; pipe, iron; pres., dom. 80 lbs., f. 120 to 135 lbs.; cons. day, 1,520,912 gals.; cost, \$295,000; cost mtce., \$16,000; wks. owned by city.

MASON CITY, p. 11,230; f. area, 2,640 a.; merc. bldgs., stn., bk. & wd., 1 to 6 stor.; priv., 1½ to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 5,300 ft.; inf., 500 ft.; tot. hose, 5,800 ft.; f. al., Gamewell, 6 bx.; val. equip., \$7,000; val. bldgs., \$3,000; exp. dept., \$4,500; tot. mem. 16, pd. full time 8, vol. 8.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., dir. pres.; stdp. cap., 350,000 gals.; res. cap., 1,000,000 gals.; 2 pump. eng., class comp., cap. day, 5,000,000 gals.; mains, c. l., 30 m., 4 to 16 in. dia.; 260 hyd.; 300 v.; 2,500 serv.; met., 2,500; pres., dom. 70 lbs., f. 120 lbs.; cons. day, 800,000 gals.; cost, \$850,000; cost mtce., \$12,000; wks. owned by city.

MASSENA, p. 490. F. dept.—300 ft. hose; no organization.

Water Supply—Src., public cisterns, combined cap. 12,700 gals.

MAXWELL, p. 754. F. dept.—1 h. & l. trk., 1 hose cart, 12 f. buckets, 2,000 ft. hose; f. al., bell; 18 vol., 1 pd.

Water Supply—Src., wells; tk., 30 x 22, cap. 57,456 gals.; 2 pumps; mains, ½ m., 4 to 6 in. dia.; 18 hyd.; pres., 40 lbs.

MECHANICSVILLE, p. 817. F. dept.—1 h. & l. trk., 1 comb. c. & hand eng., 3 hose carts, 1,800 ft. hose, 13 f. buckets; f. al., bell & tel.; 30 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; 1 pump, cap. 50 gals. min.; stdp. cap., 50,000 gals.; mains, 1½ m., 4 to 6 in. dia.; 27 hyd.; 127 serv.; pres., 45 to 60 lbs.; wks. owned by city.

MEDIAPOLIS, p. 553. F. dept.—1 comb. c. & hand eng., 700 ft. hose; f. al., bell; no organization. Water Supply—Src., 1 well; sys., dir. pres.; stdp. cap., 640 bbls.; 16 blocks 6-in. mains; 13 hyd.

MELBOURNE, p. 423. F. dept.—1 comb. c. & hand eng., 6 c. hand ex., 1500 ft. hose; 30 vol.

Water Supply—Src., wells.

MERIDEN, p. 246. F. dept.—1 comb. c. & hand eng., 500 ft. hose; f. al., bell; 30 vol.

Water Supply—Src., wells.

MERRIL, p. 520. F. dept.—1 c. eng., 2 hose carts, 200 ft. c. hose, 1,200 ft. cot., rub. lined, hose; tot. hose, 1,400 ft.; tot. mem., 20 vol.

Water Supply—Src., wells & res.; res. cap., 60,000 gals.; loc. on hill.

MILES, p. 334. F. dept.—1 comb. c. & hand eng., 24 c. hand ex., 1 h. & l. trk., 200 ft. hose; 25 vol.

Water Supply—Not reported.

MILTON, p. 913. F. dept.—1 comb. c. & hand eng., 10 c. hand ex., 300 ft. hose; 15 vol.

Water Supply—Not reported.

MINDEN, p. 423. F. dept.—1 hose cart, 800 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., well; sys., grav.; stdp., 12 x 55, cap. 47,620 gals.; 1 pump; mains, ¾ m., 4 to 6 in. dia.; 11 hyd.; pres., 40 lbs.

MITCHELLVILLE, p. 869. F. dept.—8 c. hand ex., 1 h. & l. trk., 300 ft. hose; f. al., bell; 30 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; res. cap., 50,000 gals.; 1 pump. eng., cap. day 269, 280 gals.; mains, 4 to 8 in. dia.; 19 hyd.; 9 v.; pres., f. 70 to 80 lbs.; cost, \$15,500; wks. owned by city.

MISSOURI VALLEY, p. 3,187; f. area, 10,240 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 2 hrs.; hose, rub. lined, 1,000 ft.; f. al., Gamewell; val. equip., \$3,500; val. bldgs., \$8,000; exp. dept., \$500; tot. mem. \$5, pd. full time 2, pd. part time 3, vol. 30.

Water Supply—Src., wells, in bus. cent.; sys., pump to res. & dir.; res. cap., 300,000 gals.; 2 pump. eng., cap. day 2,250,000 gals.; mains, c. l., 6 m., 4 to 12 in. dia.; 57 hyd.; 26 v.; met., 85; 453 serv.; pipe, lead & iron; pres., dom. 100 lbs., f. 150 to 175 lbs.; cons. day, 135,000 gals.; cost, \$20,000; cost mtce., \$3,000; wks. owned by city.

MODALE, p. 387. F. dept.—1 comb. c. & hand eng., 1 hose cart, 1,000 ft. hose; no organization.

Water Supply—Src., wells.

MONDAMIN, p. 400; f. area, 40 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng.; val. equip., \$400; vol.

Water Supply—Not reported.

MONONA, p. 792. F. dept.—1 c. eng., 1 h. & l. trk., 24 ft. buckets, 200 ft. hose; f. al., bell; 25 vol.

Water Supply—Src., well, 1 block bus. cent.; sys., grav.; res. cap., 60,000 gals.; 1 pump. eng., cap. 36,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 30 hyd.; 80 met.; 80 serv.; cost, \$18,000; wks. owned by city.

MONTEZUMA, p. 1,172; f. area, 20 a.; merc. bldgs., bk., 2 stor.; priv., wd.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 50 ft.; tot. hose, 1,250 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$2,000; exp. dept., \$150; tot. mem., 32 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 62,000 gals.; dim., 24 x 22; mat., wd. & stl.; 1 pump. eng., cap. day 72,000 gals.; mains, 2 m., 6 to 8 in. dia.; 17 hyd.; 4 serv.; pres., dom. 60 lbs., f. 60 lbs.; cost, \$10,000; wks. owned by town.

MONTICELLO, p. 2,043; f. area, 640 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., bell; tot. mem., 38 vol.

Water Supply—Src., well, $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals.; loc. $\frac{1}{2}$ m. station; 1 pump. eng., cap. day 650,000 gals.; mains, c. l., 15 m., 3 to 8 in. dia.; 40 hyd.; 50 v.; 550 met.; 600 serv.; pres., dom. 57 lbs., f. 57 to 80 lbs.; cons. day, 150,000 gals.; cost, \$30,000; cost mtce., \$2,500; wks. owned by city.

MONTOUR, p. 383. F. dept.—150 ft. hose; no organization.

Water Supply—Src., well; tk., 10 x 10, cap. 5,868 gals.; 1 pump; mains, 1,900 ft., 3 & 4 in. dia.; 4 hyd.; pres., 35 lbs.; wks. owned by Co.

MORNING SUN, p. 897. F. dept.—1 c. eng., hooks & ladders; f. al., bell; val. equip., \$700; vol.

Water Supply—Src., well & cisterns.

MOULTON, p. 1,233. F. dept.—1 comb. c. & hand eng., 1 h. & l. trk., 600 ft. hose; f. al., bell; 16 vol.

Water Supply—Src., wells.

MOUNT AYR, p. 1,646; f. area, 400 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 hose car., reels, &c.; hose, cot., rub. lined, gd., 450 ft.; f. al., bell; val. equip., \$3,400; exp. dept., \$100; tot. mem., 28 vol.

Water Supply—Src., wells & cisterns.

MT. PLEASANT, p. 3,874; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm. F. dept.—1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$3,000; exp. dept., \$850; tot. mem. 10, pd. part time.

Water Supply—Src., wells; sys., grav., pump to stdp. & dir.; stdp. cap., 50,000 gals.; dim., 10 x

80; 2 pump. eng., class trip., cap. day 1,000,000 gals.; mains, 9 m., 4 to 10 in. dia.; 75 hyd.; 20 v.; met., 415; 435 serv.; pipe, galv. l. pres., dom. 35 lbs., f. 100 lbs.; cost, \$41,000; cost mtce., \$2,000; wks. owned by city.

MT. VERNON, p. 1,532; f. area, 600 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 set of ladders, 1 hose cart; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 300 ft.; tot. hose, 1,100 ft.; val. equip., \$300; tot. mem., 17 vol.

Water Supply—Src., 2 wells, 1,500 ft. bus. cent.; sys., pump to res.; res. cap., 50,000 gals.; pump. eng., cap. day 100,000 gals.; mains, c. l., 3 m., 4 to 8 in. dia.; 42 hyd.; met., 387; pres., f. 77 lbs.; cost, \$11,000; cost mtce., \$1,000.

MOVILLE, p. 552. F. dept.—2 hose carts, 800 ft. hose; f. al., bell; 14 vol.

Water Supply—Src., well; tank, 16 x 24, cap. 55,894 gals.; 1 pump; mains, 2 m., 6 in. dia.; 26 hyd.; pres., 45 lbs.

MURRAY, p. 796. F. dept.—1 comb. c. & hand eng., 1 h. & l. trk., 1 hose cart, 500 ft. hose; f. al., bell; 14 vol.

Water Supply—Src., 3 cisterns, combined cap. 60,000 gals.

MUSCATINE, p. 16,178; f. area, 12 m.; merc. bldgs., bk., 1 to 6 stor.; priv., wd., 3 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 comb. c. & h. wag., 2 h. & l. trk., 10 hose wag., reels, &c.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 1,000 ft.; tot. hose, 7,000 ft.; f. al., telp.; val. equip., \$11,000; val. bldgs., \$30,000; exp. dept., \$12,000; tot. mem., 504, pd. full time 2, pd. part time 2, vol. 500.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to res.; res. cap., 2,000,000 gals.; stdp. cap., 200,000 gals.; 3 pump. eng., cap. day 9,000,000 gals.; mains, iron, 84 m., 6 to 16 in. dia.; 558 hyd.; 364 v.; 200 met.; 2,500 serv.; pipe, lead & iron; pres., dom. 80 lbs., f. 150 lbs.; cost, \$212,000; cost mtce., \$8,000; wks. owned by city.

MYSTIC, p. 2,663; merc. bldgs., wd., 1 & 1 stor.; priv., wd., 1 stor.; wd. rfa. not perm.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose wag.; 1 hyd.; val. equip., \$900; val. bldgs., \$500; vol.

Water Supply—Src., wells.

NASHUA, p. 1,102; f. area, 80 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 900 ft.; inf., 200 ft.; tot. hose, 1,100 ft.; f. al., bell; tot. mem., 25; underrating, first class.

Water Supply—Src., riv., 40 rods bus. cent.; sys., grav., pump dir.; mains, iron, 2 $\frac{1}{2}$ m., 4 to 8 in. dia.; 31 hyd.; 80 serv.; pipe, galv. l.; pres., dom. 45 lbs., f. 100 lbs.; cost, \$13,000; cost mtce., \$330; wks. owned by city.

NEOLA, p. 926. F. dept.—2 hose carts, 1,700 ft. hose; f. al., bell; 18 vol.

Water Supply—Src., 19 wells; sys., grav. & dir. pres.; 1 pump, cap. 13,000 gals. min.; tk., 16 x 24, cap. 55,000 gals.; mains, 4 m., 4 to 6 in. dia.; 9 hyd.; pres., dom. 75 lbs., f. 100 lbs.

NEVADA, p. 2,138; f. area, 240 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. wag., 1 h. & l. trk., 3 hose car., 2 hrs. & wag.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., wh. & bell; val. equip., \$5,000; val. bldgs., \$3,000; tot. mem., 41 vol.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to res. & dir.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. day 250,000 gals.; mains, iron, 4 $\frac{1}{2}$ m., 4 to 10 in. dia.; 62 hyd.; 20 v.; met., 200; 205 serv.; pipe, lead & iron; pres., dom. & f. 50 lbs.; cons. day, 35,000 gals.; cost, \$30,000; cost mtce., \$200; wks. owned by city.

NEWELL, p. 728. F. dept.—1 hose cart, 1 ladder wag., 800 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., well; sys., grav.; tk., 20 x 20; mains, 13 blocks, 4 to 8 in. dia.; 18 hyd.; pres., dom. 45 lbs., f. 100 lbs.

NEW HAMPTON, p. 2,275; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. c. & hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al.,

bell & wh.; val. equip., \$5,800; val. bldgs., \$20,000; tot. mem., 100 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 57,000 gals.; dim., 18 x 24; mat., wd.; 2 pump. eng., cap. day 800,000 gals.; mains, c. i., 8½ m., 4 to 8 in. dia.; 45 hyd.; 8 v.; met., 161; 150 serv.; pipe, iron; pres., dom. 45 lbs., f. 125 lbs.; cons. day, 110,000 gals.; cost, \$10,000; cost mtce., \$1,500; wks. owned by city.

NEW HARTFORD, p. 482. F. dept.—1 hose cart, 800 ft. hose; 18 vol.

Water Supply—Src., well; sys., grav.; tk., 18 x 22, cap. 41,877 gals.; 1 pump; mains, 5 blocks, 6 in. dia.; 5 hyd.; pres., 47 lbs.

NEW LONDON, p. 1,144; f. area, 700 a. F. dept.—1 comb. c. & hand eng., 1 hose cart, 10 buckets, 600 ft. hose; val. equip., \$700; val. bldgs., \$200; f. al., bell; 24 vol.

Water Supply—Src., well; sys., dir. pres.; stdp. cap., 50,000 gals.; mains, c. i. & stl., 3¼ m., 4 to 6 in. dia.; 36 hyd.; wks. owned by town.

NEW SHARON, p. 1,122; merc. bldgs., bk., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 700 ft.; rub. gd., 100 ft.; tot. hose, 800 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,200; exp. dept., \$20; tot. mem., 25 vol.

Water Supply—Src., 2 wells in bus. cent.; sys., pump dir.; res. cap., 50,000 gals.; pump. eng., cap. day 15,000 gals.; mains, 2 m., 4 to 8 in. dia.; 21 hyd.; met., 2; 91 serv.; pres., dom. 45 lbs., f. 45 lbs.; cost, \$9,000; cost mtce., \$200.

NEWTON, p. 4,616; f. area, 60 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; val. equip., \$7,000; val. bldgs., \$40,000; exp. dept., \$900; tot. mem., 32, pd. full time 1, pd. part time 1, 30 vol.; undrs. rating, third class.

Water Supply—Src., wells, 6 m. bus. cent.; sys., pump to stdp.; stdp. cap., 90,000 gals.; dim., 18 x 30; mat., stn. & stl.; pump. eng., cap. day 1,000,000 gals.; mains, c. i., 10 m., 4 to 8 in. dia.; 61 hyd.; 25 v.; met., 13; 25 serv.; pres., f. 125 lbs.; cost, \$35,000; wks. owned by city.

NORA SPRINGS, p. 985. F. dept.—2 hose carts, 1 h. & l. trk., 12 buckets, 1,500 ft. hose; f. al., bell; 18 vol.

Water Supply—Src., wells; tk., 20 x 22, cap. 1,600 bbls.; mains, 6,000 ft., 6 in. dia.; 22 hyd.; pres., dom. & f., 60 lbs.; wks. owned by city.

NORTH ENGLISH, p. 848. F. dept.—25 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., bell & wh.; val. equip., \$1,000; tot. mem., 30 vol.

Water Supply—Src., air pres.; sys., bk. pump. station; gasoline eng., cap. 15,000 gals.; mains, 5,000 ft.; 11 hyd.; pres., dom. & f. 50 to 90 lbs.

NORTHWOOD, p. 1,264; f. area, 300 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area. F. dept.—1 h. & l. trk., 2 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., wh.; val. equip., \$1,600; val. bldgs., \$2,000; exp. dept., \$25; tot. mem., 35 vol.

Water Supply—Src., well, 500 ft. bus. cent.; sys., well to tank; stdp. cap., 65,000 gals.; dim., 22 x 26; mat., stl.; mains, c. i., 1½ m., 4 to 8 in. dia.; 21 hyd.; 9 v.; met., 7; 75 serv.; pipe, galv. l.; pres., dom. & f. 51 lbs.; cons. day, 25,000 gals.; cost, \$11,000; cost mtce., \$1,000; wks. owned by city.

NORWAY, p. 479. F. dept.—2 hose carts, 1 ladder wag., 900 ft. hose; 33 vol.

Water Supply—Src., 3 wells; 2 res., cap. 48,000 gals.; 3 pumps; mains, 5,526 ft., 6 to 8 in. dia.; 17 hyd.; pres., 58 lbs.; cons. day, 5,580 gals.; cost, \$18,371; cost mtce., \$512; wks. owned by city.

OAKLAND, p. 1,105. F. dept.—2 hose carts, 1,000 ft. gd. hose; f. al., bell; 20 vol.

Water Supply—Src., 17 wells; sys., grav. & dir. pres.; 1 pump; stdp., 10 x 50, cap. 38,750 gals.; mains, 22 blocks, 4 to 6 in. dia.; 17 hyd.; pres., dom. 71 lbs., f. 100 lbs.

OCHEYEDAN, p. 595; f. area, 800 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 hose

carts, c. hand ex., 2 ladders; hose, cot., rub. lined, gd., 750 ft.; f. al., bell; val. equip., \$15,000; val. bldgs., \$1,000; exp. dept., \$150; tot. mem., 18 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 50,000 gals.; dim., 18 x 20; mat., stl.; res. cap., 50,000 gals.; 1 pump. eng., cap. min. 250 gals.; mains, 1 m., 4 to 6 in. dia.; 20 hyd.; 6 v.; met., 20; pres., dom. & f. 55 lbs.; cons. day, 4,260 gals.; cost, \$15,000; cost mtce., \$200; wks. owned by city.

ODEBOLT, p. 1,283; f. area, 200 a.; merc. bldgs., bk. & wd.; priv., wd.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 3 hose reels; hose, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 30 x 30; mat., wd.; 2 pump. eng.; mains, c. i., 2½ m., 6 in. dia.; 18 hyd.; 4 v.; pres., f. 52 lbs.; cons. day, 30,000 gals.; cost, \$16,000; cost mtce., \$700; wks. owned by city.

OELWEIN, p. 5,634. F. dept. not reported.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 96,000 gals., 14 x 80; mat., stl.; 2 pump. eng., cap. day 1,750,000 gals.; mains, 5 m.; 55 hyd.; 755 serv.; pres., dom. 75 lbs., f. 125 lbs.; cons. day, 100,000 gals.; cost, \$35,000; wks. owned by city.

OGDEN, p. 1,293. F. dept.—20 c. hand ex., 1 h. & l. trk., 1 hose cart, 20 buckets, 400 ft. hose; 20 vol.

Water Supply—Src., well; tk., 20 x 20, cap. 45,000 gals.; 1 pump; mains, ¾ m., 6 to 8 in. dia.; 6 hyd.; pres., 40 lbs.

OLIN, p. 659. F. dept.—1 hose cart, 500 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., 2 wells; tk. cap., 55,000 gals.; mains, 6,700 ft., 4 to 6 in. dia.; 19 hyd.; pres., dom. 45 lbs., f. 80 lbs.

ONAWA, p. 2,026; f. area; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 200 hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 900 ft.; linen, gd., 300 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,500; tot. mem., 50 vol.

Water Supply—Src., wells; sys., pump dir.; 2 pump. eng., class dup., cap. 800 gals.; mains, 2 m., 4 & 6 in. dia.; 40 hyd.; pres., f. 150 lbs.; cost, \$13,000.

ORANGE CITY, p. 1,374; f. area, 20 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,450 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$3,000; tot. mem., 18 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 65,000 gals.; dim., 20 x 24; mat., wd. & stl.; pump. eng., cap. day 85,000 gals.; mains, c. i., 1 m., 8 in. dia.; 11 hyd.; pres., f. 50 lbs.; cost, \$10,000; cost mtce., \$400; wks. owned by city.

OSAGE, p. 2,445; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$1,000; exp. dept., \$150; tot. mem., 30 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to res. & stdp.; stdp. cap., 80,000 gals.; mat., iron; res. cap., 225,000 gals.; 2 pump. eng., cap. day 720,000 gals.; mains, 4 m., 4 to 8 in. dia.; 40 hyd.; met., 35; 250 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$25,000; cost mtce., \$1,000; wks. owned by city.

OSCEOLA, p. 2,416; f. area, 9 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 c. hand ex., 1 c. eng., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 350 ft.; inf., 200 ft.; tot. hose, 1,650 ft.; f. al., bell, wh. & elec. telep.; val. equip., \$2,600; val. bldgs., \$5,000; exp. dept., \$800; tot. mem., 60 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to res. & stdp.; stdp. cap., 60,000 gals.

mat. stl.; res. cap., 5,000,000 gals., loc. 1 m. east city; 1 pump; mains, iron, 2½ m., 6 to 8 in. dia.; 30 hyd.; 175 met.; 175 serv.; pres., dom. 40 to 45 lbs.; f. 95 to 100 lbs.; wks. owned by city.

OSKALOOSA, p. 9,466; f. area, 3¾ m.; merc. bldgs., stn. bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. trk. 1 h. & 1 trk., 2 c. hand ex., 1 hose wag., 1 hose cart, 4 hrs.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 700 ft.; tot. hose, 3,100 ft.; f. al., telp.; val. equip., \$4,500; val. bldgs., \$10,000; exp. dept., \$4,500; tot. mem. 11, pd. full time 4, vol. 7.

Water Supply—Src., wells, 4 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap. 280,000 gals., loc. in city; res. cap. 6,000,000 gals., loc. at station; 3 pump. eng., cap. day 6,000,000 gals.; mains, 23 m., 4 to 12 in. dia.; 180 hyd.; 85 v.; 300 met.; 1,800 serv.; pipe, lead & galv. l.; pres., dom. 40 lbs., f. 80 to 125 lbs.; cons. day, 1,225,000 gals.; wks. owned by Co.

OSSIAN, p. 749. F. dept.—2 c. eng., 1 h. & 1 trk., 200 ft. hose; f. al., bell; 22 vol.

Water Supply—Src., wells.

OTO, p. 268. F. dept.—1 comb. c. & hand eng., 1 hose cart, 600 ft. hose; f. al., bell; 24 vol.

Water Supply—Src., 5 cisterns; res. cap., 800 bbls.; 1 pump; mains, 3,000 ft., 4 to 6 in. dia.; 10 hyd.; pres., 80 lbs.; wks. owned by town.

OTTUMWA, p. 22,012; f. area, 300 a.; merc. bldgs., bk. & wd., 1 to 6 stor.; priv., bk. & wd., 1 to 3 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 hose wag., 1 in reserve, 1 c. eng., 1 comb. c. & h. wag., 7 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., elec.; val. equip., \$17,000; val. bldgs., \$18,000; exp. dept., \$12,500; tot. mem. 9, pd. full time.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., pump to res. & dir.; 3 pump. eng., cap. day 10,000,000 gals.; mains, c. l., 34½ m., 4 to 24 in. dia.; 281 hyd.; 800 met.; 1,800 serv.; pres., dom. 90 lbs., f. 90 to 150 lbs.; cons. day, 1,750,000 gals.; cost, \$600,000; cost mtee., \$20,000; wks. owned by city.

OXFORD, p. 614. F. dept.—1 hand eng., 1 h. & 1 trk., 3 hose carts, 800 ft. hose; f. al., bell; 65 vol.

Water Supply—Src., well; sys., grav.; 1 pump; tk. 20 x 20, cap. 47,000 gals.; mains, 1½ m., 4 to 8 in. dia.; 16 hyd.; pres., 65 lbs.

OXFORD JUNCTION, p. 822. F. dept.—1 hose cart, 1,000 ft. hose; f. al., bell; 24 vol.

Water Supply—Src., wells; sys., grav.; tk. 14 x 16, cap. 20,000 gals.; 1 pump, class trip.; mains, 1¼ m., 4 to 6 in. dia.; 12 hyd.; pres., 50 lbs.; wks. owned by town.

PANORA, p. 1,080. F. dept.—1 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., bell & telp.; 30 vol.

Water Supply—Src., well; sys., grav. & pump dir.; 1 pump, cap. 750,000 gals. day; tk. 18 x 24, cap. 60,000 gals.; mains, 1½ m., 3 to 6 in. dia.; 12 hyd.; pres., dom. 50 lbs., f. 100 lbs.

PARKERSBURG, p. 938; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose cart; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$1,600; val. bldgs., \$1,500; tot. mem., 22 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap. 60,000 gals.; dim., 24 x 20; mat., wd.; 1 pump. eng., class vert., cap. day 75,000 gals.; mains, 2 m.; 12 hyd.; cost, \$8,000.

PAULLINA, p. 796; f. area, 50 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., c. hand ex., 2 h. & 1 trk., 1 hose reel; hose, cot., rub. lined, gd., 650 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$1,200; tot. mem., 15 vol.

Water Supply—Src., well; tk. 18 x 24, cap. 60,000 gals.; 1 pump; mains, 2 m., 4 to 6 in. dia.; pres., dom. 35 lbs., f. 35 to 100 lbs.; wks. owned by town.

PELLA, p. 8,021; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. ris.

perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 hand eng., 2 c. hand ex. 1 h. & 1 trk., 2 hose carts; hose, rub. gd., 1,400 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 100 vol.

Water Supply—Src., wells, 4 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 62,000 gals.; dim., 22 x 24; mat., stl.; 2 pump. eng., cap. day 710,000 gals.; mains, c. l., 9¾ m., 4 to 10 in. dia.; 60 hyd.; 50 v.; 225 met.; 254 serv.; pipe, lead & l.; pres., dom. 50 lbs., f. 86 lbs.; cons. day, 150,000 gals.; cost, \$85,000; cost mtee., \$2,500; wks. owned by city.

PERRY, p. 4,630; f. area, 1,280 a.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 12 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf. kinds, 600 ft.; tot. hose, 2,100 ft.; f. al.; val. bldgs., \$5,000; exp. dept., \$600; tot. mem., 36 vol.

Water Supply—Src., wells, 4 blocks bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 60,000 gals.; dim., 10 x 100; mat., stl.; 2 pump. eng., class comp. & dup., cap. day 1,600,000 gals.; mains, 11 m., 4 to 8 in. dia.; 50 hyd.; 20 v.; met., 550; 850 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 750,000 gals.; cost, \$45,000; cost mtee., \$2,500; wks. owned by city.

PETERSON, p. 480. F. dept.—2 hose carts, 800 ft. hose; f. al., bell; 15 vol.

Water Supply—Src., well; sys., grav.; 1 pump, cap. 20 gals. min.; res., 20 x 24, cap. 77,000 gals.; mains, ½ m., 4 to 6 in. dia.; 6 hyd.; pres., 70 lbs.

PIERSON, p. 416. F. dept.—1 hose cart, 600 ft. hose; 15 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., grav.; stdp. cap., 16,000 gals.; 1 pump; mains, 8,500 ft., 4 to 6 in. dia.; 14 hyd.; pres., 55 to 100 lbs.; wks. owned by city.

POCAHONTAS, p. 987. F. dept.—2 hose carts, 1,000 ft. hose; f. al., wh.; 20 vol.

Water Supply—Src., well; sys., grav.; 1 pump, cap. 170 gals. min.; tk., 8 x 38, cap. 11,000 gals.; mains, 1,644 ft., 4 to 8 in. dia.; 8 hyd.; pres., dom. 65 lbs., f. 80 lbs.

POMEROY, p. 815. F. dept.—1 hose cart, 500 ft. hose; 13 vol.

Water Supply—Src., artesian well; sys., grav.; res. cap., 80,000 gals.; 2 stdp., 8 x 84; 1 pump; mains, 2 m., 4 to 6 in. dia.; 18 hyd.; pres., 100 to 150 lbs.

PORTSMOUTH, p. 347. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 800 ft.; inf., 200 ft.; tot. hose, 1,000 ft.; f. al., bell; 16 vol.

Water Supply—Src., well; tk., 10 x 75, cap. 2,000 bbls.; 1 pump. eng.; cap. day, 8,640 bbls.; mains, 3,800 ft., 4 in. dia.; 7 hyd.; pres., dom. & f. 85 lbs.; cost, \$5,000; wks. owned by city.

POSTVILLE, p. 952. F. dept.—1 h. & 1 trk., 2 hose carts, 24 buckets, 1,000-ft. hose; f. al., bell; 85 vol.

Water Supply—Src., well; sys., grav.; 1 pump; tk., 20 x 30, cap. 70,500 gals.; mains, 3 m., 4 to 8 in. dia.; 22 hyd.; pres., 42 lbs.

PRAIRIEBURG, F. area, 30 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose reel, 500 ft. cot., rub. lined hose; f. al., bell; val. equip., \$500; val. bldgs., \$50; tot. mem., 14 vol.

Water Supply—Src., well, 1 block bus. cent.; sys., dir. pres.; stdp. cap., 14,000 gals.; dim., 8 x 36; mat., stl.; res. cap., 14,000 gals.; 1 pump. eng., cap. min. 150 gals.; mains, c. l., 3,000 ft., 2 to 4 in. dia.; 7 hyd.; 4 v.; pres., dom. 80 lbs., f. 125 lbs.; cost, \$6,000; wks. owned by city.

PRAIRIE CITY, p. 764. F. dept.—1 h. & 1 trk., 2 hose carts, 24 ft. buckets, 1,000 ft. hose; f. al., bell; 26 vol.

Water Supply—Src., wells; sys., grav.; res. cap. 60,000 gals.; 1 pump; tk., 20 x 24, cap. 66,680 gals.; mains, 1¼ m., 4 to 6 in. dia.; 16 hyd.; 40 met.; pres., 42 lbs.; cost, \$5,000; wks. owned by city.

PRESCOTT, p. 426. F. dept.—1 gas eng., 300 ft. hose; no organization.

Water Supply—Src., wells & cisterns; 1 pump.

maine, 2 blocks, 2½ in. dia.; 3 hyd.; wks. owned by Co.

PRESTON, p. 642. F. dept.—1 h. & 1 trk., 2 hose carts, 1,200 ft. hose; f. al., bell; 25 vol.

Water Supply—Src., well; tk., 20 x 24, cap. 67,000 gals.; 1 pump; mains, 1½ in. dia., 4 to 6 in. dia.; 10 hyd.; pres., 55 lbs.

PRINGHAR, p. 733. F. dept.—2 hose carts, 1,000 ft. hose; f. al., bell; 10 vol.

Water Supply—Src., wells, 1 block bus. cent.; sys., dir. pres.; res. cap., 157,500 gals.; dim., 40 x 40, mat., cem.; 2 pump. eng., cap. day, 40,000 gals.; mains, c. l., 2 m., 4 to 8 in. dia.; 24 hyd.; 8 v.; 85 met.; 85 serv.; pres., 80 lbs.; cons. day, 10,000 gals.; cost, \$17,000; cost mtce., \$600; wks. owned by city.

RADCLIFFE, p. 660. F. dept.—1 comb. h. & c. eng., 1 h. & 1 trk., 1 hose cart, 1,100 ft. hose; f. al., bell; 25 vol.

Water Supply—Src., wells & cisterns; 2 pumps, cap. 55 gals. min.; tk., 20 x 20; mains, 3,950 ft., 6 to 8 in. dia.; 9 hyd.

REDFIELD, p. 800. F. dept.—1 hose cart; 600 ft. hose; f. al., bell; val. equip., \$500.

Water Supply—Src., well, 1 m. bus. cent.; sys., dir. pres.; 1 pump. eng.; cap. day, 70,000 gals.; mains, 2 m.; 85 hyd.; 8 v.; pres., dom. 40 to 125 lbs.; cost \$11,000; wks. owned by city.

RED OAK, p. 4,830; f. area, 30 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv. wd. & bk., 1 to 2½ stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 2 hose carts, 1 hose wag. & 2 hrs.; hose, cot., rub. lined, gd., 2,900 ft.; f. al., telp. & wh.; val. equip., \$4,670; val. bldgs., \$10,000; exp. dept., \$2,400; tot. mem., 52, pd. full time 2, pd. part time 4, vol. 46.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 225,000 gals.; dim., 20 x 100; mat., std.; 2 pump. eng., class dup. & trip., cap. day 1,500,000 gals.; mains, c. l., 9½ in. dia.; 4 to 10 in. dia.; 65 hyd.; 52 v.; met., 400; 500 serv.; pipe, galv. l. & lead; pres., dom. 100 lbs.; f. 100 lbs.; cons. day, 100,000 gals.; cost, \$75,000; cost mtce., \$4,500; wks. owned by city.

REINBECK, p. 1,205. F. dept.—1 h. & 1 trk., 2 hose carts; f. al., bell; 20 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav. & pump to stdp.; bk. pump. station; stdp. cap., 60,000 gals.; dim., 20 x 24; mat., std.; 1 pump. eng.; mains, iron, 11,400 ft., 4 to 6 in. dia.; 22 hyd.; 210 serv.; pres., dom. & f., 45 to 50 lbs.; cost, \$14,000; cost mtce., \$1,300; wks. owned by city.

REMSEN, p. 1,076. F. dept.—1 h. & 1 trk., 2 hose carts, 10 buckets, 1,100 ft. hose; f. al., bell; 18 vol.

Water Supply—Src., well; sys., grav.; 1 pump, cap. 360 gals. per min.; tk., 18 x 22, cap. 51,174 gals.; mains, 1 m., 5 to 6 in. dia.; 9 hyd.; pres., 50 lbs.

RICEVILLE, p. 844. F. dept.—1 hose cart, 900 ft. hose; f. al., telp.; 25 vol.; 1 pd.

Water Supply—Src., mill pond; tk., 20 x 22, cap. 51,700 gals.; 1 pump; mains, 1,218 ft., 4 to 8 in. dia.; 4 hyd.; pres., dom. 50 lbs., f. 125 lbs.

ROCKFORD, p. 916; f. area, 5 a.; merc. bldgs., bk., 2 stor.; priv. wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell; val. equip., \$9,000; val. bldgs., \$500; exp. dept., \$1,200; tot. mem., 12 vol.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 90,000 gals.; res. cap., 1,500 bbls.; 3 pump. eng., class trip., cap. day 800,000 gals.; mains, 1½ in. dia., 4 to 8 in. dia.; 21 hyd.; 61 serv.; pres., dom. 40 lbs., f. 135 lbs.; cons. day, 80,000 gals.; cost \$10,000; cost mtce., \$1,300; wks. owned by city.

ROCK RAPIDS, p. 2,005; f. area, 200 a.; merc. bldgs., bk., 3 stor.; priv. wd., 1 & 1½ stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—6 c. hand ex., 1 aer. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell & wh.; val. equip., \$1,700; val. bldgs., \$2,000; tot. mem., 50 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 27,000 gals.; dim., 8 x 100 ft.; 2 pump. eng., class trip., cap. day 900,000 gals.; mains, 8 m., 4 to 8 in. dia.; 53 hyd.; 16 v.; met., 360; 420 serv.; pipe, galv. l.; pres., dom.

65 lbs., f. 75 lbs.; cons. day, 80,000 gals.; cost, \$22,000; cost mtce., \$1,400; wks. owned by city.

ROCK VALLEY, p. 1,198; merc. bldgs., bk. & wd. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell & wh.; tot. mem., 26 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 42,000 gals.; dim., 18 x 20; loc. 2 blocks station; mat., std.; 1 pump. eng., cap. day 576,000 gals.; mains, c. l., 2 m., 4 to 6 in. dia.; 25 hyd.; 7 v.; 100 serv.; pres., dom. 40 lbs., f. 90 lbs.; cons. day, 36,000 gals.; cost, \$8,000; cost mtce., \$600; wks. owned by city.

ROCKWELL, p. 700. F. dept.—1 comb. c. & h. cart, 1 hose cart, 1,250 ft. hose; f. al., bell; 25 vol.

Water Supply—Src., wells, in bus. cent.; sys., air pres.; tk., 8 x 36; 1 pump; mains, 4,000 ft., 4 to 6 in. dia.; 11 hyd.; 5 v.; 30 met.; 80 serv.; pres., dom. 60 lbs., f. 125 lbs.; wks. owned by city.

ROCKWELL CITY, p. 1,528. F. dept.—1 c. eng., c. hand ex., 1,000 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., wells; sys., grav. & dir. pres.; 3 pumps, combined cap. 600,000 gals. day; stdp., 12 x 100, cap. 84,600 gals.; mains, 2 m., 4 to 8 in. dia.; 16 hyd.; pres., dom. 42 lbs., f. 90 lbs.

ROLFE, p. 954. F. dept.—1 h. & 1 trk., 3 hose carts, 25 buckets, 1,600 ft. hose; f. al., bell; 17 vol.

Water Supply—Src., wells; tank cap., 40,000 gals.; 1 pump; mains, 1 m., 4 to 6 in. dia.; 13 hyd.; pres., dom. 35 lbs., f. 130 lbs.

RUSSELL, p. 612. F. dept.—1 gas. eng., 1 c. & 1 trk., 12 c. hand ex., 1 hose cart, 950 ft. hose; f. al., bell; val. equip., \$1,800; val. bldgs., \$1,200; tot. mem., 30 vol.

Water Supply—2 cisterns, combined cap. 10,153 gals.

RUTHVEN, p. 655. F. dept.—3 hose carts, 1,500 ft. hose; f. al., bells; 22 vol.

Water Supply—Src., wells; sys., grav.; res. cap., 1,600 bbls.; 1 pump, cap. 500 gals. min.; tk., 8 x 36, cap. 13,536 gals.; mains, 4,900 ft., 4 to 6 in. dia.; 14 hyd.; pres., dom. 70 lbs., f. 100 lbs.

RYAN, p. 511. F. dept.—1 hose cart, 1,000 ft. hose; f. al., bell & wh.; 15 vol.

Water Supply—Src., well; sys., grav.; stdp. cap., 18,000 gals.; mains, ½ m., 3 to 4 in. dia.; 8 hyd.; pres., dom. 60 lbs., f. 70 lbs.; cons. day, 6,000 gals.; cost, \$2,500; cost mtce., \$700; wks. owned by city.

SABULA, p. 918; merc. bldgs., bk. & wd., 3 stor.; priv. wd., 2 stor.; wd. rfa. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—Few c. hand ex., 1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 36 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump dir.; stdp. cap., 10,000 gals.; 1 pump. eng., cap. min. 400 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 30 hyd.; 10 v.; 172 serv.; pipe, galv. l.; pres., dom. 18 lbs., f. 70 lbs.; cons. day, 50,000 gals.; cost, \$15,000; cost mtce., \$800; wks. owned by city.

SAC CITY, p. 2,201; f. area, 700 a.; merc. bldgs., bk., stn. & wd., 1 to 2½ stor.; priv. wd., stn. & bk., 1 to 3 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & 1 trk., 2 c. eng., 60 c. hand ex., 2 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,250 ft.; tot. hose, 3,250 ft.; f. al., telp.; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$500; tot. mem., 73 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to stdp. & dir.; res. cap., 45,000 gals.; pump. eng., cap. day, 48,200 gals.; mains, 3 m., 2 to 8 in. dia.; 180 hyd.; 160 serv.; 870 met.; pres., dom. 45 lbs., f. 45 to 55 lbs.; cost, \$15,000; cost mtce., \$2,200; wks. owned by city.

SANBORN, p. 1,174; f. area, 40 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv. wd., 1 & 2 stor.; wd. rfa. perm. in f. area; combt. ord. F. dept.—5 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 600 ft.; rub. gd., 400 ft.; inf., 300 ft.; tot. hose, 1,200 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$1,000; tot. mem., 12 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,800 gals.; dim., 22 x 22; mat., std. & wd.; 1 pump. eng., cap. day 60,000

gals.; mains, c. i., 4½ m., 4 to 8 in. dia.; 25 hyd.; 7 v.; met., 65; 75 serv.; pres., dom. 45 lbs., f. 45 lbs.; cost, \$8,000; cost mtce., \$500; wks. owned by city.

SCHALLER, p. 646. F. dept.—2 hose carts, 1,000 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., well; ays., pump to stdp.; tk., 20 x 20, cap. 47,000 gals.; 1 pump; 13 hyd.; pres., 80 lbs.

SCHLESWIG, p. 455. F. dept.—2 hose carts, 4 buckets, 1,000 ft. hose; 17 vol.

Water Supply—Src., well & cistern; ays., pump to stdp.; stdp. cap., 60,000 gals.; 1 pump; mains, 16 blocks, 4 to 6 in. dia.; 18 hyd.; pres., 60 lbs.

SCRANTON, p. 845; f. area, 40 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 hand eng., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$300; tot. mem., 24 vol.

Water Supply—Src., wells, in bus. cent.; ays., pump to stdp.; stdp. cap., 48,000 gals.; dim., 20 x 25; mat., stl.; 1 pump, class atm.; mains, c. i., 2 m., 4 in. dia.; 10 hyd.; met., 2; 60 serv.; pipe, wrt. i.; cost, \$2,600; cost mtce., \$300; wks. owned by city.

SEYMOUR, p. 2,290; f. area, 100 a.; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$100; tot. mem., 28 vol.

Water Supply—Src., wells & cisterns; ays., pump to res. & dir., res. cap., 30,000 gals.; 3 pump. eng., class trip.; 38 hyd.; 12 v.; mains, 3 m.; pres., dom. 50 lbs., f. 160 lbs.; cost, \$45,000; wks. owned by city.

SHELDON, p. 2,941; f. area, 480 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., Gamewell; val. equip., \$1,200; val. bldgs., \$3,500; exp. dept., \$200; tot. mem., 25 vol.

Water Supply—Src., wells, 1 m. bus. cent.; ays., pump to stdp.; stdp. cap., 61,000 gals.; dim., 20 x 24; mat., wd.; 2 pump. eng., class comp. dup., cap. day 1,100,000 gals.; mains, c. i., 6 m., 4 to 10 in. dia.; 39 hyd.; 21 v.; met., 268; 240 serv.; pipe, galv. l.; pres., dom. 41 lbs., f. 40 to 100 lbs.; cons. day, 100,000 gals.; cost, \$34,000; cost mtce., \$2,300; wks. owned by city.

SHELL ROCK, p. 741. F. dept.—2 hose carts, 1 h. & l. trk., 1,100 ft. hose; 20 vol.

Water Supply—Src., riv., ays., grav. & pump dir.; 1 pump; stdp. cap., 42,000 gals.; mains, 2,500 ft., 4 to 8 in. dia.; 11 hyd.; pres., dom. 45 lbs., f. 90 lbs.

SHELLSBURG, p. 527. F. dept.—1 h. & l. trk., 1 hand eng., 2 hose carts, 900 ft. hose; f. al., bell; 38 vol.

Water Supply—Src., well; ays., air pres.; tank cap., 13,586 gals.; 1 trip. pump, cap. 240 gals. min.; mains, 1½ m., 4 to 6 in. dia.; 11 hyd.; 4 v.; pres., dom. 60 lbs., f. 120 lbs.; wks. owned by city.

SHENANDOAH, p. 4,976; f. area, 660 a.; merc. bldgs., bk., 1 to 2½ stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hose carts, 4 hose carts, 4 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 1,000 ft.; tot. hose, 3,200 ft.; f. al., bell, wh. & tel.; val. equip., \$8,000; val. bldgs., \$15,000; exp. dept., \$2,200; tot. mem., 21, pd. full time 1, pd. part time 20.

Water Supply—Src., wells, ¼ m. bus. cent.; ays., pump to stdp.; stdp. cap., 144,000 gals.; dim., 20 x 60; mat., iron; 2 pump. eng., class comp. dup., cap. day, 2,500,000 gals.; mains, c. i., 14 m., 4 to 10 in. dia.; 105 hyd.; 71 v.; met., 890; 892 serv.; pipe, galv. l. & lead; pres., dom. & f., 82 lbs.; cons. day, 300,000 gals.; cost, \$86,000; wks. owned by city.

SIBLEY, p. 1,330; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. on wls., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$300; tot. mem., 50 vol.

Water Supply—Src., 3 wells; ays., pump; 2 trip. pumps; mains, 5 m.

SIDNEY, p. 1,019. F. dept.—1 hose cart, 1,000 ft. hose; no organization.

Water Supply—Src., well; ays., grav.; 1 pump; stdp., 10 x 100; mains, 1 m., 6 to 8 in. dia.; 15 hyd.; pres., 46 lbs.

SIGOURNEY, p. 2,032; f. area, 800 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., sta., bk. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 c. eng. on wls., 2 hose carts; hose, cot., rub. lined, gd., 1,300 ft.; inf., 200 ft.; tot. hose, 1,400 ft.; f. al., wh.; val. equip., \$2,000; tot. mem., 15 vol.

Water Supply—Src., riv., 2 m. bus. cent.; ays., pump to stdp. & dir.; stdp. cap., 50,000 gals.; dim., 20 x 16; loc. in cent. town; mat., iron & wd.; 3 pump. eng., class comp., cap. day 1,224,000 gals.; mains, c. i., 8½ m., 4 to 8 in. dia.; 24 hyd.; met., 4; 15 serv.; pres., dom. 50 lbs., f. 50 to 140 lbs.; cost, \$30,000; cost mtce., \$2,000; wks. owned by city.

SIoux CITY, p. 47,828; f. area, 34,000 a.; merc. bldgs., stn., bk. & wd., 1 to 7 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 1 auto. triple comb. pump. eng., c. & h. wag., 2 auto. comb. c. & h. wag., 1 str., 3 comb. c. & h. wag., 1 c. eng. in reserve, 13 c. hand ex., 1 h. & l. trk., 1 aer. trk., 3 hose wags., 3 chief's wags., 2 fuel wag., 5 exercise wag., 22 hrs. (2 in reserve); hose, cot., rub. lined, gd., 15,150 ft. (500 ft. in reserve); f. al., Gamewell, 39 bx.; val. equip., \$32,000; val. bldgs., \$30,000; exp. dept., \$43,028; tot. mem., 49, pd. full time.

Water Supply—Src., wells, ¼ m. bus. cent.; ays., pump to res. & dir.; res. cap., 3,000,000 gals.; loc. 1¼ m. bus. cent.; 9 pump. eng.; cap. day, 12,350,000 gals.; mains, c. i., 78 m., 4 to 12 in. dia. 515 hyd.; 503 v.; met., 6,458; 6,458 serv.; pipe, lead; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 2,800,000 gals.; cost, \$775,000; cost mtce., \$30,000; wks. owned by city.

SIoux RAPIDS, p. 868; f. area, 20 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 48 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 10,000 ft.; inf., 3,000 ft.; tot. hose, 13,000 ft.; f. al., bell & wh.; val. equip., \$85,000; val. bldgs., \$65,000; tot. mem., 20 vol.

Water Supply—Src., wells, 500 ft. bus. cent.; ays., pump to res.; res. cap., 75,000 gals.; 2 pump. eng., class trip., cap. day 500,000 gals.; mains, 3 m., 4 to 6 in. dia.; 24 hyd.; 6 v.; 180 serv.; pres., dom. 70 lbs., f. 120 lbs.; cons. day, 35,000 gals.; cost, \$14,000; cost mtce., \$1,400; wks. owned by city.

SLOAN, p. 547. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 500 ft.; inf., 500 ft.; tot. hose, 1,000 ft.; f. al., bell; 20 vol.

Water Supply—Src., 4 wells, 2 blocks bus. cent.; ays., pump to stdp. & dir., stdp. cap., 50,000 gals.; mat., stl.; 1 pump. eng., cap. day, 50,000 gals.; mains, 1½ m., 4 to 6 in. dia.; 24 hyd.; 25 met.; pres., dom. & f. 50 lbs.; cons. day, 1,000 gals.; cost \$10,000; cost mtce., \$250; wks. owned by city.

SOLOn, p. 450. F. dept.—1 hand eng., 1 hose cart., 600 ft. hose; f. al., bell; 16 vol.

Water Supply—Src., well; tank, 16 x 18, cap. 27,000 gals.; 1 pump, cap. 30 gals. min.; mains, 2,200 ft., 6 to 8 in. dia.; 7 hyd.; pres., 40 lbs.

SPENCER, p. 3,005; f. area, 320 a.; merc. bldgs., bk., stn. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell, 2 bx.; val. equip., \$2,700; val. bldgs., \$800; exp. dept., \$100; tot. mem., 41 vol.

Water Supply—Src., wells, in bus. cent.; ays., pump to stl. tank, cap. 73,000 gals.; 1 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 4½ m., 6 to 8 in. dia.; 21 hyd.; met., 125; 165 serv.; pipe, galv. l.; pres., dom. 50 lbs., f. 120 lbs.; cost, \$11,600; cost mtce., \$860; wks. owned by city.

SPIRIT LAKE, p. 1,162; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng. on wls., 1 h. & l. trk., 2 hose

carts; hose, cot., rub. lined, gd., 1,100 ft.; f. al., wh.; tot. mem., 21 vol.

Water Supply—Src., well & lake, $\frac{1}{2}$ m. bus. cent.; sys. pump dir.; stdp. cap., 75,000 gals.; res. cap., 200,000 gals.; 1 pump. eng., cap. day 360,000 gals.; mains, c. l., $8\frac{1}{2}$ m., 4 to 8 in. dia.; 23 hyd.; met., 210; 44 serv.; pres., dom. 60 lbs., f. 150 lbs.; cost, \$22,000; cost mtce., \$1,200; wks. owned by city.

SPRINGVILLE, p. 220; f. area, 1 sq. m.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. 1 & 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 comb. c. & h. wag., c. hand ex., 1 h. & l. trk., 1 hose reel; hose, cot., rub. lined; gd., 1,200 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$500; tot. mem., 48 vol.

Water Supply—Src., well; sys. grav. & pump dir.; 1 pump, cap. 180 gals. min.; tk. cap., 41,877 gals.; mains, 1 m., 4 to 6 in. dia.; 9 hyd.; pres., dom. & f., 45 lbs.; cost, \$4,400; cost mtce., \$600; wks. owned by Co.

STANWOOD, p. 511. F. dept.—2 hose carts, 1 c. eng., 700 ft. hose; f. al., bell & wh.; 17 vol.

Water Supply—Src., well; 1 pump; tk. cap., 1,620 gals.; mains, 60 ft., 2 in. dia.; 2 hyd.; pres., 40 lbs.

STATE CENTER, p. 598. F. dept.—3 str., 1 h. & l. trk., 2 hose carts, 1 c. & aer. trk., 10 c. hand ex.; hose, cot., rub. lined, gd., 600 ft.; rub., gd., 225 ft.; tot. hose, 825 ft.; f. al., bell & wh.; val. equip., \$2,500; tot. mem., 45 vol.

Water Supply—Src., wells; sys. pump to tk.; dim. of tk., 22 x 15 ft.; 14 hyd.; 1 pump; cost, \$6,000; wks. owned by city.

ST. ANSGAR, p. 747. F. dept.—2 hose carts, 800 ft. hose; f. al., bell; 15 vol.

Water Supply—Src., well; sys. grav. & pump dir.; tk. cap., 51,700 gals.; mains, 4,900 ft., 4 to 6 in. dia.; 8 hyd.; pres., dom. 45 lbs., f. 60 lbs.

ST. OLAF, p. 170. F. dept.—1 hose cart, 800 ft. hose; f. al., bell; 10 vol.

Water Supply—Src., well; sys. grav.; 1 pump; res. cap., 55,482 gals.; mains, 2,100 ft., 4 in. dia.; 4 hyd.; pres., 35 lbs.

STORM LAKE, p. 2,428; f. area, 640 a.; merc. bldgs., str. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 900 ft.; inf., 500 ft.; tot. hose, 1,400 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,000; tot. mem., 35 vol.

Water Supply—Src., lake, 5 blocks bus. cent.; sys. pump to stdp. & dir.; stdp. cap., 55,000 gals.; dim., 10 x 100; 2 pump. eng., cap. day 1,220,000 gals.; mains, 2 $\frac{1}{2}$ m., 4 to 8 in. dia.; 26 hyd.; 11 v.; met., 50; 81 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 120 lbs.; cost, \$18,000; cost mtce., \$2,300; wks. owned by city.

STORY CITY, p. 1,887; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—1 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$7,000; val. bldgs., \$200; exp. dept., \$1,200; tot. mem., 26 vol.

Water Supply—Src., wells; sys. grav., pump to stdp.; stdp. cap., 51,000 gals.; dim., 20 x 22; mat., wd.; 1 pump. eng., cap. day 350,000 gals.; mains, 1 m., 8 in. dia.; 12 hyd.; 15 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 150 lbs.; cost, \$6,000; cost mtce., \$860; wks. owned by Co.

STRATFORD, p. 600; f. area, 40 a. F. dept.—1 c. eng., 500 ft. hose; val. equip., \$1,500; val. bldgs., \$650; tot. mem., 18 vol.

Water Supply—Src., well; sys. dir. pres.; 1 pump. eng., cap. day 100,000 gals.; 15 hyd.; pres., dom. & f., 80 lbs.; cost, \$5,500; cost mtce., \$865; wks. owned by city.

STRAWBERRY POINT, p. 1,052; f. area, 860 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—2 hose wags., 3 hose carts; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; val. equip., \$600; val. bldgs., \$200; exp. dept., \$60; tot. mem., 25 vol.

Water Supply—Src., wells, 20 rods bus. cent.; sys., pump to stdp.; stdp. cap., 65,000 gals.; mat., stl. & wd.; 2 pump. eng., cap. day 1,560,000 gals.; mains, c. l., $8\frac{1}{2}$ m., 4 to 6 in. dia.; 40 hyd.; 170 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 50 lbs.;

cost, \$30,000; cost mtce., \$600; wks. owned by town.

STUART, p. 1,826; f. area, 700 a.; merc. bldgs., bk., 2 stor.; priv., wd., $1\frac{1}{2}$ & 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 500 ft.; inf., 200 ft.; tot. hose, 1,500 ft.; f. al., wh.; val. equip., \$7,000; val. bldgs., \$3,000; exp. dept., \$200; tot. mem., 44 vol.

Water Supply—Src., wells, cap. 12,000 gals. each; tk. with 6-in. mains; 4 hyd.

SUMNER, p. 1,404; bldgs., bk. & wd. F. dept.—2 hose carts; hose, 1,000 ft.

Water Supply—Src., tk.; sys., pump; cap. day, 50,000 gals.; res. cap., 20,000 gals.

SUTHERLAND, p. 664. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose carts, 12 buckets, 700 ft. hose; 30 vol.

Water Supply—Src., well; sys., grav.; 1 pump; mains, 1,000 ft., 4 to 6 in. dia.; 5 hyd.; pres., 65 lbs.

SWEA CITY, p. 402. F. dept.—1 hose cart, 600 ft. hose; 14 vol.

Water Supply—Src., well; sys., grav.; 1 pump, cap. 40 gals. min.; tk. cap., 1,000 bbls.; mains, 1,000 ft.; 12 hyd.; pres., 43 lbs.; wks. owned by city.

TABOR, p. 909. F. dept.—1 comb. c. & h. eng., 2 hose carts, 1 h. & l. trk., 1,600 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., 2 wells; sys. grav.; 2 pump. eng., cap. day 72,000 gals.; tk. cap., 40,000 gals.; mains, 3,000 ft., 4 to 6 in. dia.; 10 hyd.; pres., 10 lbs.

TAMA, p. 2,290; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk., str. & wd., 1 to 3 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 3 c. hand ex., 1 h. & l. trk., 2 hose wags., 1 hose reel; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 500 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$2,000; tot. mem., 52 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump dir. & stdp.; stdp. cap., 60,000 gals.; 2 pump. eng., cap. day, 1,200,000 gals.; mains, 6 m., 4 to 8 in. dia.; 39 hyd.; 21 v.; 300 serv.; 10 met.; pres., dom. 75 lbs., f. 130 lbs.; cost, \$40,000; cons. day, 200,000 gals.; cost mtce., \$2,500; wks. owned by city.

TEMPLETON, p. 278. F. dept.—1 hand eng., 1 h. & l. trk., 800 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., 5 cisterns, combined cap. 500 bbls.; sys., pump to stdp., 75 x 12; 7 hyd.

THOMPSON, p. 500. F. dept.—1 hose cart, 1,000 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., well; tk., 20 x 20, cap. 1,500 bbls.; mains, 5,250 ft., 4 to 6 in. dia.; 14 hyd.; pres., 50 lbs.

TIMBLEY, p. 380. F. dept.—c. hand ex., 1 h. & l. trk., 1 hose cart, 15 buckets, 650 ft. hose; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$50; vol.

Water Supply—Src., well.

TIPTON, p. 2,048; f. area, 40 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. not perm. F. dept.—2 c. eng., 3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$5,500; val. bldgs., \$3,500; exp. dept., \$350; tot. mem., 40 vol.

Water Supply—Src., 2 wells, 1 block bus. cent.; sys., pump to res. & dir.; stdp. cap., 30,000 gals.; res. cap., 160,000 gals.; 2 pump. eng., cap. day, 350,000 gals.; mains, $4\frac{1}{2}$ m., 4 to 8 in. dia.; 58 hyd.; 410 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 125 lbs.; cons. day, 7,971 gals.; cost, \$32,000; cost mtce., \$2,500; wks. owned by city.

TOLEDO, p. 1,626; f. area, 5 blocks; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 3 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$9,000; val. bldgs., \$4,000; exp. dept., \$400; tot. mem., 33 vol.

Water Supply—Src., well, two blocks bus. cent.; sys., pump to res. & stdp.; stdp. cap., 27,000 gals.; dim., 10 x 108, loc. eastern part city; mat., bk. & stl.; res. cap. 150,000 gals., loc. at

station; 3 pump. eng., size, 10 x 6 x 10, cap. day 200,000 gals.; mains, c. i., 4½ m., 4 to 8 in. dia.; 36 hyd.; 16 v.; met., 154; 180 serv.; pipe, galv. i.; pres., dom. 80 lbs.; cons. day, 50,000 gals.; cost, \$24,000; cost mtce., \$1,400; wks. owned by city.

TRAER, p. 1,288; merc. bldgs., bk., 1 to 3 stor.; priv. wd., 1½ stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 600 ft.; inf., 300 ft.; tot. hose, 1,900 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 80 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., grav., pump to stdp.; stdp. dim., 26 x 20, loc. near cent. of town; mat., wd. & stl.; 1 pump. eng.; mains, c. i., 3 m., 4 to 8 in. dia.; 19 hyd.; 6 v.; met., 40; pres., dom. 25 to 80 lbs.; f. 25 to 80 lbs.; cons. day, 25,000 gals.; cost, \$11,000; cost mtce., \$800; wks. owned by city.

TRIPOLI, p. 755. F. dept.—1 h. & l. trk., 1 hose cart, 1,000 ft. hose; f. al., bell; 25 vol.

Water Supply—Src., 2 wells, 4 blocks bus. cent.; sys., dir. pres.; res. cap., 6,500 gals.; 2 pump. eng., cap. 450 bbls. hour; mains, iron, 2 m., 4 to 8 in. dia.; 33 hyd.; 70 v.; 125 met.; 130 serv.; pres., dom. & f., 50 lbs.; wks. owned by city.

UNION, p. 540. F. dept.—1 hand eng., 1 hose cart, 600 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., well, sys., grav.; 1 pump. cap. 64 gals. min.; tk., 18 x 18, cap. 34,470 gals.; mains, 1½ m., 6 in. dia.; 6 hyd.; pres., 44 lbs.

UTE, p. 490. F. dept.—1 hose cart, 700 ft. hose; f. al., bell; 30 vol.

Water Supply—Wells, in bus. cent.; sys., grav.; stdp. cap., 65,000 gals.; res. cap., 60,000 gals.; 1 pump. eng.

VAIL, p. 631. F. dept.—2 hose carts—1 h. & l. trk., 1,400 ft. hose; 20 vol.

Water Supply—Src., 6 wells; sys., grav.; stdp., 18 x 20, cap. 65,000 gals.; res. cap., 60,000 gals.; 1 pump. eng., cap. day 75,000 gals.; mains, iron, 3,100 ft., 6 in. dia.; 20 hyd.; 60 serv.; pres., dom. 65 lbs.; f. 75 lbs.; cons. day, 25,000 gals.; cost, \$15,000; cost mtce., \$300; wks. owned by city.

VALLEY JUNCTION, p. 2,573; f. area, 550 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 1,250 ft.; inf., 300 ft.; tot. hose, 1,550 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,500; tot. mem., 15, pd. part time.

Water Supply—Src., well; sys., grav., pump to stdp.; stdp. cap., 32,000 gals.; 2 pump. eng.; 17 hyd.; cost, \$24,000; wks. owned by city.

VAN HORNE, p. 600. F. dept.—1 comb. c. & h. eng., 500 ft. hose; f. al., bell; 15 vol.

Water Supply—Src., wells.

VICTOR, p. 640. F. dept.—1 hose cart, 800 ft. hose; f. al., bell; no organization.

Water Supply—Src., well; sys., grav. & dir. pres.; 1 pump; tk., 18 x 20, cap. 42,300 gals.; mains, 4 to 6 in. dia.; 19 hyd.; pres., dom. 60 lbs.; f. 100 lbs.

VILLISCA, p. 2,039; f. area, 750 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell, elec.; val. equip., \$1,000; val. bldgs., \$3,500; exp. dept., \$500; tot. mem., 45 vol.

Water Supply—Src., spr., 5 blocks bus. cent.; sys., grav., pump to tk.; tk. cap., 100,000 gals.; dim., 20 x 30; mtl., wd.; res. cap., 50,000 gals.; loc. at riv.; 2 pump. eng., class dup., cap. day, 350,000 gals.; mains, 3½ m., 2½ to 6 in. dia.; 30 hyd.; 14 v.; met., 225; 230 serv.; pipe, lead & galv. i.; pres., dom. 65 lbs.; f. 100 lbs.; cost, \$18,000; cost mtce., \$2,000; wks. owned by city.

VINTON, p. 3,336; f. area, 550 a.; merc. bldgs., mostly bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 4 hose cart, 2 c. trk., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh. & bell; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$306.45; tot. mem., 90 vol.

Water Supply—Src., wells & riv., 2 blocks bus. cent.; sys., pump dir. to mains; 3 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 9 m.; 56 hyd.; met., 400; 500 serv.; pres., dom. 60 lbs.; f. 120 lbs.; cons. day, 150,000 gals.; wks. owned by city.

WALCOTT, p. 418. F. dept.—2 hose carts, 1,250 ft. hose; f. al., bell; 12 vol.

Water Supply—Src., well; sys., grav., 1 pump. cap. 300 bbls. hour; tk., 20 x 22, cap. 51,700 gals.; mains, 5,510 ft., 2½, 4 & 6 in. dia.; 15 hyd.; pres., 40 lbs.

WALKER, p. 517. F. dept.—1 hose cart, 500 ft. hose; f. al., bell; 14 vol.

Water Supply—Src., well; sys., grav.; res. cap., 40,000 gals.; mains, 4,000 ft., 6 in. dia.; 9 hyd.; 6 v.; 40 met.; pres., dom. & f., 52 lbs.; cost mtce., \$250; wks. owned by city.

WALNUT, p. 950. F. dept.—1 hose cart, 1 c. eng., 1,200 ft. hose; f. al., bell; 19 vol.

Water Supply—Src., well; sys., grav.; stdp. cap., 58,900 gals.; res. cap., 54,579 gals.; 1 pump. eng.; mains, c. i., 2 m., 4 to 8 in. dia.; pres., dom. 50 lbs.; f. 50 to 150 lbs.; wks. owned by city.

WALL LAKE, p. 561. F. dept.—1 h. & l. trk., 2 hose carts, 6 buckets, 1,200 ft. hose; f. al., bell; 25 vol.

Water Supply—Src., well; tk., 16 x 20, cap. 50,000 gals.; 1 pump; mains, 6 m., 2 to 6 in. dia.; 18 hyd.; pres., 55 lbs.

WAPELLO, p. 1,328; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. h. & c. eng. on wls., 2 hose carts; hose, cot., rub. lined, gd., 500 ft.; inf., 200 ft.; tot. hose, 700 ft.; f. al., bells; val. equip., \$1,400; val. bldgs., \$8,000; exp. dept., \$90; tot. mem., 30 vol.

Water Supply—Src., wells; sys., compressed air & pump to stdp.; 2 pump. eng., class trip; mains, c. i., 3 m., 4 to 6 in. dia.; 125 hyd.; wks. owned by city.

WASHINGTON, p. 4,380; f. area, 1,280 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. outside of f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wgs., 2 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; inf., 600 ft.; tot. hose, 3,100 ft.; f. al., automatic; val. equip., \$2,500; val. bldgs., \$6,000; exp. dept., \$600; tot. mem., 75 vol.

Water Supply—Src., wells, 6 blocks bus. cent.; sys., pump to res. & stdp.; stdp. cap., 120,000 gals.; dim., 14 x 110; mat., iron; res. cap., 20,000 gals.; loc. at station; 1 pump. eng., class dup., cap. day 1,800,000 gals.; mains, c. i., 12 m., 4 to 10 in. dia.; 115 hyd.; 88 v.; met., 800; 800 serv.; pipe, lead, pres., dom. 45 lbs.; f. 80 to 100 lbs.; cons. day, 200,000 gals.; wks. owned by city.

WATERLOO, p. 26,693; f. area, 8,640 a.; merc. bldgs., bk., stn. & conc., 1 to 8 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 2 comb. c. & h. wag., 1 chief's auto., 2 auto. comb. c. & h. wag., 2 c. hand ex., 1 aer. trk., 2 hose carts, 7 hrs.; hose, cot., rub. lined, gd., 5,750 ft.; f. al., Gamewell, \$1 bx; val. equip., \$32,010; val. bldgs., \$47,000; exp. dept., \$31,000; tot. mem. 72, pd. full time 26, pd. part time 46.

Water Supply—Src., deep wells; sys., pump dir.; res. cap., 80,000 gals.; loc. near plant; 3 pump. eng., class comp. cond., cap. day 11,000,000 gals.; mains, c. i., 43 m., 4 to 24 in. dia.; 461 hyd.; 480 v.; met., 4,000; 5,500 serv.; pipe, galv. i.; pres., dom. 50 lbs.; f. 100 lbs.; cons. day, 1,271,000 gals.; wks. owned by city.

WAUKON, p. 2,025; f. area, 40 a.; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 1,300 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., elec. & tele. val. equip., \$2,800; val. bldgs., \$10,000; exp. dept., \$50; tot. mem., 49 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp. & dir. to mains; stdp. cap., 115,000 gals.; dim., 14 x 100; mat., iron; 1 pump. eng., cap. day 108,000 gals.; mains, c. i., 6½ m., 4 to 10 in. dia.; 65 hyd.; met., 325; 350 serv.; pipe, galv. i.; pres., dom. 65 lbs.; f. 100 lbs.; cons. day, 65,000 gals.; cost, \$40,000; cost mtce., \$1,800; wks. owned by city.

WAVERLY, p. 3,205; f. area, 600 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & 1 trk., 3 hose reels; hose, cot., rub. lined, gd., 1,800 ft.; rub. gd., 300 ft.; inf., 100 ft.; tot. hose, 2,200 ft.; f. al., elec.; val. equip., \$4,000; val. bldgs., \$7,000; exp. dept., \$350; tot. mem., 52 vol.

Water Supply—Src., well, $\frac{1}{2}$ block bus. cent.; ays., pump to stdp.; stdp. cap., 60,000 gals.; mat., wd. & stl.; res. cap., 5,000,000 gals.; 2 pump. eng., cap. day 4,500,000 gals.; mains, c. l., 8 m., 4 to 10 in. dia.; 68 hyd.; 25 v.; met., 320; 850 serv.; pipe, c. l.; pres., dom. 65 lbs., f. 100 to 180 lbs.; cost mtce., \$1,000; wks. owned by city.

WEBSTER CITY, p. 5,208; f. area, 2,400 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 comb. c., h. & 1 trk., 4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., bell & wh., 10 bx.; val. equip., \$8,000; val. bldgs., \$10,000; exp. dept., \$1,500; tot. mem., 18, pd. part time 12, pd. full time 1; undrs. rating, second class.

Water Supply—Src., 4 wells, 1,000 ft. bus. cent.; ays., pump to stdp.; stdp. cap., 65,000 gals.; loc. at station; mat., stl.; 2 pump. eng., class trip, size 10 x 12, cap. day 1,440,000 gals.; mains, c. l., 18 m., 4 to 10 in. dia.; 92 hyd.; 44 v.; met., 251; 730 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 110 lbs.; cost, \$64,820; cost mtce., \$2,100; wks. owned by city.

WELLMAN, p. 724. F. dept.—3 hose carts, 1 h. & 1 trk., 1,250 ft. hose; f. al., bell; 32 vol.

Water Supply—Src., 3 wells; ays., grav.; 1 pump, class trip; stdp. cap., \$5,000 gals., 16 x 18; mat., stl.; mains, 5,900 ft., 4 to 6 in. dia.; 12 hyd.; pres., 75 lbs.

WEST BEND, p. 679. F. dept.—1 hand eng., 1 hose cart, 750 ft. hose; no organization.

Water Supply—Src., well; stdp., 22 x 24, cap. 1,800 bbls.; 1 pump; mains, $\frac{1}{2}$ m., 4 to 6 in. dia.; 17 hyd.; pres., 40 lbs.

WEST BRANCH, p. 657. F. dept.—1 hand eng., 1 hose cart, 1 h. & 1 trk., 2 Babcock's, 950 ft. hose, 22 hyd.; f. al., bell; 25 vol.

WEST BURLINGTON, p. 1,306. F. dept.—1 h. & 1 trk., 2 hose car., 1 c. eng.; hose, 1,200 ft.; tot. mem., 30 vol.

Water Supply—Src., priv. wells, res.; 4,400 ft. mains, 6 in. dia.; 12 hyd.

WEST LIBERTY, p. 1,666; f. area, 320 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf., 400 ft.; tot. hose, 1,900 ft.; f. al., bell, wh. & tel.; val. equip., \$25,000; val. bldgs., \$3,000; exp. dept., \$300; tot. mem., 30 vol.

Water Supply—Src., wells, 102 ft. above bus. district; ays., grav. & dir. pres., pump to tk. & dir.; station also used as an elec. light plant; 2 pumps, cap. 600 gals. min.; tk. cap., 60,000 gals.; mat., stl.; res. cap., 300,000 gals.; 2 pump. eng., class dup.; cap. day 800,000 gals.; mains, 8 m., 8 to 19 in. dia.; 33 hyd.; 5 v.; met., 10; 440 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 38,000 gals.; cost, \$19,000; cost mtce., \$1,800; wks. owned by city.

WEST SIDE, p. 367. F. dept.—1 hose cart, 1 c. eng., 6 f. buckets, 600 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., wells; pres., 72 lbs.

WEST UNION, p. 1,652; f. area, $1\frac{1}{2}$ sq. m.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. F. dept.—1 c. eng., 8 c. hand ex., 1 h. & 1 trk., 8 hose wag.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., bell & wh.; val. equip., \$3,000; exp. dept., \$75; tot. mem., 56 vol., 2 pd. men.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; ays., pump to stdp.; stdp. cap., 84,000 gals.; dim., 12 x 100; mat., stl.; pump. eng., cap. day 1,400,000 gals.; mains, c. l., 8 $\frac{1}{2}$ m., 4 to 8 in. dia.; 30 hyd.; 15 v.; met., 4; 400 serv.; pipe, galv. i.;

pres., dom. 60 lbs., f. 100 lbs.; cost, \$20,000; cost mtce., \$1,200; wks. owned by city.

WHAT CHEER, p. 1,720; f. area, 800 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 str., 6 c. hand ex., 3 hose reels; hose, cot., rub. lined, gd., 1,150 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., creek; ays., pump to stdp.; stdp. cap., 1,500 bbls.; mains, 608 yds., 4 in. dia.; 2 hyd.; 1 v.; 2 serv.; pres., f. 15 lbs.; cost, \$225; wks. owned by city.

WHEATLAND, p. 539. F. dept.—1 hose cart, 1,100 ft. hose; f. al., bell; 25 vol.

Water Supply—Src., 2 wells; tk., 8 x 4; 1 pump; mains, 1 m., 6 in. dia.; 12 hyd.; pres., f. 60 lbs.

WILLIAMS, p. 457. F. dept.—1 hose cart & ladder wag., 600 ft. hose; f. al., bell; 18 vol.

Water Supply—Src., artesian well; tk., 20 x 20, cap. 49,990 gals.; 1 pump; mains, 1,560 ft., 4 to 8 in. dia.; 7 hyd.; pres., 46 lbs.

WILLIAMSBURG, p. 1,600; f. area, 160 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., bk. & wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,000; tot. mem., 30 vol.

Water Supply—Src., wells; ays., pump to stdp.; stdp. cap., 63,000 gals.; mat., wd.; res. cap., 60,000 gals.; 1 pump. eng., cap. day 63,000 gals.; mains, 3 m., 4 to 8 in. dia.; 37 hyd.; met., 4; 150 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 15,750 gals.; cost, \$15,000; cost mtce., \$1,000; wks. owned by city.

WILTON, p. 1,157; f. area, 264 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,150 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$40; tot. mem., 68 vol.

Water Supply—Src., well; ays., pump to res.; res. cap., 50,000 gals.; 1 pump. eng., cap. day 432,000 gals.; mains, 40 blocks, 2 to 6 in. dia.; 19 hyd.; 5 v.; 169 serv.; pres., dom. 40 lbs., f. 120 lbs.; cost, \$12,000; wks. owned by town.

WINTERSET, p. 2,818; f. area, 22 $\frac{1}{2}$ a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 h. & 1 trk., 1 hose cart; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh. & bell; val. equip., \$8,000; val. bldgs., \$3,000; tot. mem., 30 vol.

Water Supply—Src., wells, 1 m. bus. cent.; ays., pump to stdp.; stdp. cap., 100,000 gals.; 2 trip. pumps, 8 x 10; cap., 936,000 gals.; mains, 10 m., 4 to 8 in. dia.; 48 hyd.; pres. dom. 50 lbs.; cost, \$60,000; wks. owned by city.

WINTHROP, p. 529. F. dept.—1 hose cart, 500 ft. hose; f. al., bell; 18 vol.

Water Supply—Src., well; ays., grav.; 1 pump; cap., 11,000 gals.; mains, $\frac{1}{2}$ m., 4 to 6 in. dia.; 18 hyd.; 8 v.; pres., dom. & f., 50 to 80 lbs.; cons. day, 10,000 gals.; cost, \$8,000; cost mtce., \$600; wks. owned by city.

WOODBINE, p. 1,538; merc. bldgs., bk. & wd. F. dept.—1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 750 ft.; f. al., bell; tot. mem., 27 vol.

Water Supply—Src., 4 wells, $\frac{1}{2}$ m. bus. cent.; ays., pump to stdp.; stdp. cap., 100,000 gals.; mat., stl.; 1 pump. eng.; mains, c. l., 3 $\frac{1}{2}$ m., 4 to 6 in. dia.; 30 hyd.; 11 v.; 160 met.; 168 serv.; pres., dom. & f., 50 lbs.; cons. day, 30,000 gals.; cost, \$15,000; cost mtce., \$1,000; wks. owned by city.

WYOMING, p. 733. F. dept.—1 comb. c. & h. eng., 2 hose carts, 1 h. & 1 trk., 400 ft. hose; f. al., bell; 25 vol.

Water Supply—Src., well; ays., grav. & pump dir.; 1 pump; res. cap., 1,500 bbls.; mains, 2 m., 4 to 6 in. dia.; 15 hyd.; pres., 55 lbs.

Places with a population of 1,000 or more not reported—Eddyville, Elkader, Hartley, Lost Nation, Wittermore.

KANSAS

ABILENE, p. 4,118; f. a., 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. ladder & hose wag.; 4 c. hand ex., 1 hose reel; hose, cot., rub. lined, gd., 1,700 ft.; inf., 300 ft.; tot. hose, 2,000 ft.; f. al., telp. & wh.; val. equip., \$4,375; val. bldgs., \$15,000; exp. dept., \$1,980; tot. mem., 14, pd. full time 2, vol. 12; undrs. rating, second class.

Water Supply—Src., spr., 4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals.; 2 pump. eng., cap. day 2,600,000 gals.; mains, 15 m.; 80 hyd.; 1,165 met., 1,200 serv.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 750,000 gals.; wks. owned by city.

ALMA, p. 1,010; f. area, 500 a.; merc. bldgs., stn., 1 to 2 stor.; priv., wd. & stn., 2 stor.; wd. rfs. not perm. in f. area; F. dept.—1 hand eng., 1 c. eng. on wks., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; rub., 250 ft.; tot. hose, 1,250 ft.; f. al., bell & elec., 12 bx.; val. equip., \$3,000; val. bldgs., \$900; tot. mem., 30 vol.

Water Supply—Src., 8 cisterns & wells.

ALTOONA, p. 1,700; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand hose reels, 1 comb. c. & hand pump. eng.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; tot. mem., 16 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals.; 2 pump. eng., cap. day 720,000 gals.; mains, 4 m., 4 to 6 in. dia.; 17 hyd.; pres., dom. 55 to 65 lbs., f. 110 lbs.; wks. owned by city.

ANTHONY, p. 2,069; f. area, 660 a.; merc. bldgs., wd., bk. & stn., 1 & 2 stor.; frame bldgs. not perm. F. dept.—1 aer. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; fair, 1,000 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$2,000; exp. dept., \$200; tot. mem., 30 vol.; undrs. rating, second class.

Water Supply—Src., wells; sys., pump dir.; 2 pump. eng., cap. day 1,600,000 gals.; mains, 11 m., 6 to 10 in. dia.; 76 hyd.; met., 450; pres., dom. 60 to 80 lbs., f. 120 lbs.; cost, \$40,000; cost mtce., \$3,000; wks. owned by city.

ARGENTINE, consolidated with Kansas City, Kan.

ARKANSAS CITY, p. 7,508; f. area, 640 a.; merc. bldgs., stn. & bk., 1 to 5 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. area; causes of f. not inv. F. dept.—1 auto. comb. c. & h. wag., 1 h. & l. trk., 4 c. hand ex., 1 hose wag., 1 hose reel, 3 hrs.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., telp.; val. equip., \$3,000; val. bldgs., \$3,000; tot. mem., 14, pd. full time 2, pd. part time 2, vol. 10.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 73,500 gals.; dim., 10 x 125; loc. $\frac{1}{4}$ block bus. cent.; mat., iron; res. cap., 125,000 gals.; 2 pump. eng., cap. day 1,845,438 gals.; mains, c. i., 16 m., 4 to 10 in. dia.; 204 hyd.; met., 401; 1,150 serv.; pipe, galv. i.; pres., dom. 53 lbs., f. 125 lbs.; cons. day, 260,000 gals.; cost mtce., \$5,200; wks. owned by city.

ASHLAND, p. 910; f. area, $1\frac{1}{2}$ sq. m.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hand hose carts, 1 c. hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp. & bell; val. equip., \$1,150; val. bldgs., \$200; tot. mem., 10 vol.

Water Supply—Src., 4 wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; dim., 20 x 20; mat., stl.; 1 pump. eng., class trip., cap. day 504,000 gals.; mains, 2.7 m., 4 to 6 in. dia.; 17 hyd.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 25,000 gals.

ATCHISON, p. 16,429; f. area, 140 a.; merc. bldgs., bk. & stn., 1 to 5 stor.; priv., bk., stn. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt.

ord.; causes of f. inv. F. dept.—2 str., 1 auto. comb. pump. eng. & hose wag., 1 auto. comb. c. & h. wag., 2 str. in reserve, 4 c. hand ex., 1 chief's wag., 1 aer. trk., 1 hose wag., 1 hose reel, 6 hrs.; hose, cot., rub. lined, gd., 4,900 ft.; f. al., telp. & wh.; val. equip., \$32,000; val. bldgs., \$25,000; exp. dept., \$18,000; tot. mem., 16, pd. full time; undrs. rating, second class.

Water Supply—Src., riv., 200 yds. bus. cent.; sys., grav.; res. cap., 10,000,000 gals.; loc. 6,000 ft. station; stdp. cap., 200,000 gals.; 3 pump. eng., class comp., cap. day 4,000,000 gals.; mains, c. i., 27.60 m., 4 to 14 in. dia.; 177 hyd.; 233 v.; met., 200; 2,300 serv.; pipe, galv. i. & lead; pres., dom. 50 lbs., f. 85 to 125 lbs.; wks. owned by Co.

ATWOOD, p. 680. F. dept.—2 hose carts, 500 ft. new hose, 1,400 ft. old hose; tot. hose, 1,900 ft.; f. al., telp. & wh.; tot. mem., 30 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 13,600 gals.; loc. at station; mat., stl.; 2 pump. eng., class trip.; 18 hyd.; mains, c. i., 2 m., 4 to 6 in. dia.; cons. day, 30,000 gals.; wks. owned by city.

AUGUSTA, p. 1,500; f. area, 320 a. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$750; exp. dept., \$100; tot. mem., 30, pd. part time; undrs. rating, $4\frac{1}{2}$ class.

Water Supply—Src., Walnut riv., 1 m. bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; 2 pump. eng., cap. day 5,875,200 gals.; mains, 7 m.; 56 hyd.; 200 serv.; pres., dom. 60 lbs., f. 225 lbs.; cost, \$60,000; cost mtce., \$1,000; wks. owned by city.

BALDWIN, p. 1,386. F. dept.—2 c. eng., 14 c. ex., 1 h. & l. trk., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; tot. mem., 25 vol.

Water Supply—Src., spr. & impounding res.; sys., pump to stdp. & dir. pres.

BAXTER SPRINGS, p. 1,598; f. area, 30 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., 1 & 1 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., ladders, f. hooks, &c.; hose, rub. gd., 150 ft.; val. equip., \$1,348; val. bldgs., \$1,950; tot. mem., 21 vol.; undrs. rating, fourth class.

BELLE PLAINE, p. 850; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 1 h. & l. trk., 1 c. eng.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,700; tot. mem., 20 vol.; undrs. rating, $4\frac{1}{2}$ class.

Water Supply—Src., 2 wells, 1 m. bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; dim., 18 $\frac{1}{2}$ x 17 $\frac{1}{2}$; mat., stl.; 2 pump. eng., class trip. & centrif.; cap. day, 504,000 gals.; mains, c. i., 4 m., 2 to 8 in. dia.; 27 hyd.; 115 met.; 126 serv.; pres., dom. 25 lbs., f. 48 lbs.; cons. day, 10,000 gals. in winter, 75,000 gals. in summer; cost, \$45,000; wks. owned by city.

BELLEVILLE, p. 2,224; f. area, $1\frac{1}{2}$ sq. m.; merc. bldgs., stn., bk. & wd., 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—22 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell & telp.; val. equip., \$1,600; val. bldgs., \$800; exp. dept., \$50; tot. mem., 20 vol.; undrs. rating, fourth class.

Water Supply—Src., well, $\frac{1}{2}$ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 93,000 gals.; dim., 12 x 110; loc. at station; mat., stl.; res. cap., 100,000 gals.; loc. at station; 2 pump. eng., cap. day, 75,000 gals.; mains, c. i., 5 m. 4 to 8 in. dia.; 55 hyd.; 10 v.; 24 met., 450 serv.; pres., dom. 48 lbs., f. 120 lbs.; cons. day, 50,000 gals.; cost, \$60,000; cost mtce., \$1,000; wks. owned by city.

BELOIT, p. 3,082; f. area, 650 a.; merc. bldgs., stn., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 water tower, 3 hose car.; hose, rub. lined, 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$2,500

val. bldgs., \$10,000; exp. dept., \$500; tot. mem., 35 vol.

Water Supply—Src., riv., 1,000 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals.; dim., 30 x 20; loc. on hill; mat., stn.; res. cap., 750,000 gals.; loc. near station; 2 pump. eng., cap. 1,250,000 gals. day; mains, 8½ m.; c. l., 4 to 10 in. dia.; 75 hyd.; pres., dom. 65 lbs.; f. 150 lbs.; wks. owned by Co.

BENNINGTON, p. 386; f. area, 1 sq. m. F. dept.—1 h. & 1 trk., 1 hose cart, 600 ft. hose; val. equip., \$1,000; f. al., bell & telp.; tot. mem., 21 vol.

Water Supply—Src., 2 wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; 1 pump. eng., cap. day 230,400 gals.; mains, 2 m., 4 to 6 in. dia.; 25 hyd.; pres., 60 lbs.; wks. owned by city.

BLUE RAPIDS, p. 1,756; f. area, 600 a.; merc. bldgs., stn., bk. & wd., 1½ & 2 stor.; priv., stn. & wd., 1½ stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose cart; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell; val. equip., \$1,250; val. bldgs., \$300; tot. mem., 25 vol.; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump to res.; res. cap., 250,000 gals.; 1 pump. eng., class dup., cap. day 250,000 gals.; mains, 3 m., 4 to 6 in. dia.; 23 hyd.; 170 serv.; pres., f. 120 lbs.; cons. day, 16,000 gals.; cost, \$20,000; cost mtce., \$1,200; wks. owned by city.

BONNER SPRINGS, p. 1,462; f. area, 1 sq. m.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., bk., stn., wd., 1 & 2 stor.; wd. ris. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels, 1 hand h. & 1 trk.; hose, cot. jacket, gd., 1,000 ft.; f. al., telp.; tot. mem., 22, pd. \$1.50 each per call.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; dim., 18 x 25; mat., stl.; 1 pump. eng., class trip., cap. day 432,000 gals.; mains, 4 m., 4 to 6 in. dia.; 37 hyd.; pres., dom. 60 lbs., f. 90 lbs.; wks. owned by city.

BUCKLIN, p. 1,000; f. area, ½ sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 1 c. cart, 1 h. & 1 trk., buckets, axes, rope, hooks, &c.; hose, cot., rub. lined, gd., 1,000 ft.; c. 100 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$2,000; tot. mem., 80 vol.

Water Supply—Src., well; sys., grav.; stdp. cap., 65,000 gals.; mat., stl.; 1 pump. eng., cap. 110 gals. min.; mains, 3¼ m., 2 to 8 in. dia.; 23 hyd.; 125 met.; pres., 50 to 52 lbs.; cons. day, 25,000 gals.; cost, \$18,000; wks. owned by city.

BURDEN, p. 550; f. area, ½ sq. m.; merc. bldgs., stn. & wd., 1 & 2 stor.; priv., stn. & wd., 1 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hand hose reel; hose, cot., rub. lined, gd., 500 ft.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., gr. & pump to stdp.; stdp. cap., 50,000 gals.; dim., 100 x 20; mat., stl.; 1 pump. eng., class trip., cap. day 360,000 gals.; mains, c. l., 8½-8 m., 4 to 6 in. dia.; 16 hyd.; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 30,000 gals.; wks. owned by city.

BURLINGAME, p. 1,422; f. area, 8 a.; merc. bldgs., stn. & bk., 1 to 2 stor.; wd. ris. not perm.; combt. ord.; causes of f. inv. F. dept.—2 hand hose reels, 1 c. eng., 24 c. hand ex., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp. & wh.; val. equip., \$1,400; val. bldgs., \$1,200; exp. dept., \$70; tot. mem., 12 vol.; undra. rating, fifth class.

Water Supply—Wells, 2½ m. bus. cent.; sys., grav.; 2 pump. eng., cap. day 720,000 gals.; stdp. cap., 60,000 gals.; mains, 5½ m., 4 to 8 in. dia.; 36 hyd.; pres., dom. 45 to 55 lbs., f. 68 to 70 lbs.; wks. owned by city.

BURLINGTON, p. 2,180; f. area, 40 a.; merc. bldgs., stn. & bk., 2 stor.; priv., wd., 1 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 wag., 2 hose carts; hose, cot., rub. lined, gd., 600 ft.; rub. gd., 1,000 ft.; tot. hose, 1,600 ft.; f. al., wh.; val. equip., \$1,800; val. bldgs., \$200; tot. mem., 30 vol.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; stdp. cap., 50,000 gals.; 4 pump. eng., cap. day 2,500,000 gals.; mains, 5 m., 4 to 10 in. dia.; 70 hyd.; 15 v.; 157 serv.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 75,000 gals.; cost, \$70,000; cost mtce., \$2,000.

CALDWELL, p. 2,205; f. area, 260 a.; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$2,000; exp. dept., \$130; tot. mem., 20 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 190,000 gals.; dim., 18 x 100; mat., stl.; res. cap., 70,000 gals.; 3 pump. eng., cap. day 2,160,000 gals.; mains, c. l., 8½ m., 4 to 10 in. dia.; 77 hyd.; 22 v.; 375 met.; 400 serv.; pipe, c. l.; pres., dom. 40 to 80 lbs., f. 50 to 100 lbs.; cost, \$45,000; cost mtce., \$4,000; wks. owned by city.

CANEY, p. 3,597; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 500 ft.; fair, 1,000 ft.; tot. hose, 1,500 ft.; f. al., telp. & bell; val. equip., \$1,500; tot. mem., 14, pd. full time 1, pd. part time 18; vol. pd. \$2 per f.; undra. rating, fourth class.

Water Supply—Src., Little Caney riv., 1 m. bus. cent.; sys., grav. & dir.; stdp. cap., 371,000 gals.; dim., 30 x 70; mat., iron; 8 pump. eng., cap. day 4,650,000 gals.; mains, 10 m., 4 to 12 in. dia.; mat., c. l.; hyd., 53; pres., dom. 65 to 75 lbs.; cons. day, 600,000 gals.; wks. owned by city.

CAWKER CITY, p. 870; f. area, 1 sq. m.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., stn. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose reels; hose, linen covered, gd., 1,000 ft.; inf., 1,000 ft.; tot. hose, 2,000 ft.; f. al., telp. & bell; val. equip., \$3,300; val. bldgs., \$2,500; tot. mem., 30 vol., pd. \$0.50 per f.

Water Supply—Src., well, 1½ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 75,000 gals.; dim., 25 x 25 x 100 ft.; mat., stl.; 1 pump. eng., class trip.; mains, 4½ m., 4 to 6 in. dia.; mat., c. l.; 15 hyd.; pres., dom. 55 to 60 lbs., f. 100 lbs.; wks. owned by city.

CEDARVALE, p. 982; f. area, 1¼ sq. m. F. dept.—2 hand hose reels; hose, cot., rub. lined, gd., 900 ft.; fair, 300 ft.; tot. hose, 1,200 ft.; f. al., telp.; val. equip., \$650; vol.; undra. rating, 4½ class.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump dir. & grav.; stdp. cap., 75,000 gals.; mat., stl.; 2 pump. eng., class dup., cap. day 720,000 gals.; mains, c. l., 1½ m., 6 in. dia.; 20 hyd.; pres., dom. & f., 60 lbs.; cons. day, 40,000 gals.; cost, \$20,000; cost mtce., \$1,200; wks. owned by city.

CHANUTE, p. 9,272; f. area, 1,500 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 4 c. hand ex., 1 hose wag., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell, wh. & elec.; val. equip., \$3,500; val. bldgs., \$7,000; exp. dept., \$2,500; tot. mem., 10, pd. full time 4, pd. part time 6.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., dir., pump to res.; pump. eng., dup., size 17 x 15, cap. day 2,000,000 gals.; mains, 21 m., 4 to 10 in. dia.; 140 hyd.; 1,500 serv.; pres., f. 100 to 120 lbs.; cons. day, 700,000 gals.; cost, \$101,000; cost mtce., \$6,000.

CHAPMAN, p. 750; f. area, 2 sq. m.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; ladders; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$900; tot. mem., 28; vol.; undra. rating 4½ class.

Water Supply—Src., 3 wells, ½ m. bus. cent.; sys., grav.; res. cap., 100,000 gals.; 1 pump. eng. class trip.; cap. day, 288,000 gals.; mains, 2 m.; 4 to 6 in. dia.; 28 hyd.; pres., dom. & f. 68 lbs.; wks. owned by city.

CHEROKEE, p. 1,452; f. area, 10 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm. in f. area. F. dept.—1

h. & l. trk. 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$1,500; exp. dept., \$50; tot. mem., 18 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; dim., 20 x 28; mat., bk. & stl.; res. cap., 270,000 gals.; 3 pump. eng., cap. day 500,000 gals.; mains, c. l., 5½ m., 4 to 8 in. dia.; 34 hyd.; 9 v.; met., 112; 385 serv.; pipe, galv. l.; pres., dom. 40 lbs.; f. 75 lbs.; cons. day, 100,000 gals.; cost, \$40,000; cost mtce., \$3,500; wks. owned by city.

CHERRYVALE, Montgomery Co., p. 4,304; bldgs., b. & wd., 1 & 2 stor. F. dept.—3 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh. & bell; tot. mem., 5, pd. full time 3, pd. part time 2; undra. rating, fourth class.

Water Supply—Src., res. 1½ m. s. w. bus. cent.; sys., pump to stdp.; stdp. cap., 120,000 gals.; dim., 16 x 80; loc. in cent. city; mat., stl.; res. cap., 1,250,000 gals.; loc. 1½ m. south city; 4 pump. eng., cap. day 4,680,000 gals.; mains, c. l., 20 m., 4 to 12 in. dia.; 107 hyd.; 45 v.; met., 4; 500 serv.; pipe, galv. l.; pres., dom. 90 lbs.; f. 120 lbs.; cost, \$85,000; wks. owned by city.

CHETOPA, p. 1,548; f. area, 7 a.; merc. bldgs., stn. & bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 1 hose car; hose, cot., rub. lined, gd., 1,200 ft.; inf. 500 ft.; tot. hose, 1,700 ft.; f. al., bell & wh.; val. equip., \$1,200; val. bldgs., \$600; tot. mem., 16 vol.; undra. rating second class.

Water Supply—Src., riv., sys., pump to res.; res. cap., 1,200,000 gals.; 2 pump. eng., cap., 500 gals., min.; each; 3 m. mains, 4 to 8 in. dia.; 27 hyd.; 10 serv.; pres., dom. 50 lbs.; f. 100 lbs.; wks. owned by city.

CLAY CENTER, p. 3,438; f. area, 200 a.; merc. bldgs., bk. & stn., 1 to 5 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 c. hand ex., Babcock, 3 hose car; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 400 ft.; inf., 700 ft.; tot. hose, 2,600 ft.; f. al., bell, wh. & elec.; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$400; tot. mem., 45 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., dir. pres.; 2 pump. eng., class hor. dup., cap. day 2,000,000 gals.; mains, 10 m., 2 to 10 in. dia.; 58 hyd.; 64 v.; 880 met.; 660 serv.; pipe, galv. l.; pres., dom. 65 lbs.; f. 100 lbs.; cost, \$45,000; cost mtce., \$4,500; wks. owned by city.

CLIFTON, p. 614; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—4 comb. c. & hose wag., 1 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$200; exp. dept., \$100; tot. mem., 27 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 85,000 gals.; dim., 12 x 100; mat., stl.; mains, 3 m., 4 to 8 in. dia.; 25 hyd.; 2 pump. eng., cap. 400 gals. min.; pres., 55 lbs.; cons. day, 90,000 gals.; wks. owned by city.

CLYDE, p. 1,057; f. area, 960 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hand hose reels; hose, cot., rub. lined, gd., 600 ft.; inf., 200 ft.; tot. hose, 800 ft.; f. al., bell; val. equip., \$1,050; val. bldgs., \$600; exp. dept., \$150; tot. mem., 14 vol.

Water Supply—Src., wells, 1 block bus. cent.; sys., grav., pump to stdp.; stdp. cap., 100,000 gals.; mat., stl.; 1 pump. eng., class trip., cap. day 400,000 gals.; mains, c. l., 4½ m., 4 to 10 in. dia.; 40 hyd.; 14 v.; met., 1; 100 serv.; pipe, galv. l.; pres., dom. 60 to 70 lbs.; f. 100 lbs.; cons. day, 180,000 gals.; cost, \$30,000; cost mtce., \$1,200; wks. owned by city.

COFFEYVILLE, p. 12,687; f. area, 26 a.; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 chief's auto., 1 c. eng., 1 h. & l. trk., 2 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 3,250 ft.; f. al., telp.; val. equip., \$3,800; val. bldgs., \$1,200; exp. dept., \$12,000; tot. mem., 10, pd. full time.

Water Supply—Src., Verdigris riv., 2½ m. bus. cent.; sys., pump to res. & dir.; res. cap., 3,000,000 gals., loc. 3 m. city; 2 pump. eng., cap. day

8,000,000 gals.; mains, c. l., 40.61 m., 4 to 16 in. dia.; 179 hyd.; 207 v.; met., 911; 1,975 serv.; pipe, galv. l.; pres., dom. 50 lbs.; f. 90 lbs.; cons. day, 2,813,500 gals.; cost, \$266,000; cost mtce., \$10,566; wks. owned by city.

COLBY, p. 1,130; f. area, 2 sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand hose carts; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$1,000; tot. mem., 25 vol.; undra. rating, 4½ class.

Water Supply—Src., 2 wells, 1 m. bus. cent.; sys., grav.; stdp. cap., 70,000 gals.; dim., 20 x 70 x 100; mat., stl.; 1 pump. eng., cap. day 108,000 gals.; mains, 5½ m., 4 to 10 in. dia.; 46 hyd.; pres., dom. 45 lbs.; wks. owned by city.

COLDWATER, p. 684; f. area, 1 sq. m. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$1,250; val. bldgs., \$250; exp. dept., \$150; tot. mem., 12 vol.; undra. rating, 4½ class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav. & dir.; stdp. cap., 50,000 gals.; dim., 18 x 29; mat., stl.; mains, 1½ m., 4 to 8 in. dia.; 20 hyd.; pres., dom. 45 to 50 lbs.; f. 75 lbs.; wks. owned by city.

COLUMBUS, p. 3,064; f. area, 2½ sq. m.; merc. bldgs., stn., conc. & bk., 1 to 3 stor.; priv., wd., bk., stn. & conc., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hose car, 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,025; val. bldgs., \$5,300; exp. dept., \$1,830; tot. mem., 13, pd. full time 1, pd. part time 7, vol. 5; undra. rating, first class.

Water Supply—Src., 2 wells, ¼ m. bus. cent.; sys., grav., pump to res. & stdp.; stdp. cap., 120,000 gals.; dim., 12 x 150; mat., iron; res. cap., 300,000 gals.; 3 pump. eng., cap. day, 1,400,000 gals.; mains, 6 m., 4 to 8 in. dia.; 70 hyd.; 15 v.; met., 80; 240 serv.; pipe, galv. l.; pres., dom. 60 lbs.; f. 125 lbs.; cons. day, 90,000 gals.; cost, \$60,000; cost mtce., \$2,800; wks. owned by city.

CONCORDIA, p. 4,416; f. area, 640 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area. F. dept.—1 hand eng., 1 c. eng. on wks., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$400; tot. mem., 13 vol.

Water Supply—Src., wells, sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. 500,000 gals.; mains, 6½ m., 4 to 8 in. dia.; 62 hyd.; met., 486; 486 serv.; pres., dom. 50 lbs.; f. 100 lbs.; cons. day, 250,000 gals.; wks. owned by city.

COUNCIL GROVE, p. 2,545; f. area, 1,000 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hose car; hose, canvas, rub. lined, gd., 1,500 ft.; inf., 700 ft.; tot. hose, 2,200 ft.; f. al., bell & telp.; val. equip., \$2,000; val. bldgs., \$400; exp. dept., \$180; tot. mem., 16, pd. part time; undra. rating, fourth class.

Water Supply—Src., riv. & wells, ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 200,000 gals.; dim., 20 x 75; loc. in city limits on hill; mat., stl.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 4.7 m., 4 to 12 in. dia.; 53 hyd.; 29 v.; met., 26; 195 serv.; pipe, galv. l.; pres., dom. 65 lbs.; f. 85 to 150 lbs.; cons. day, 200,000 gals.; wks. owned by Co.

DELPHOS, p. 767; f. area, 10 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose reels, 1,500 ft. cot., rub. lined hose; f. al., bell; val. equip., \$2,500; val. bldgs., \$250; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., wells, sys., pump to stdp.; stdp. cap., 50,000 gals.; 30 ft. high; mat., iron & stl.; 1 pump. eng., class trip., cap. day 423,000 gals.; mains, c. l., 2-5 m., 4 to 8 in. dia.; 27 hyd.; pres., dom. 45 lbs.; f. 125 lbs.; wks. owned by city.

DODGE CITY, p. 3,214; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$4,200; val. bldgs., \$30,000; tot. mem., 24 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap. 175,000 gals.; 2 pump. eng., class comp. dup., cap. day 4,880,000 gals.; mains, 10 m., 4 to 12 in. dia.; 75 hyd.; 32 v.; met., 220; 500 serv.; pres., dom. 59 lbs., f. 100 to 120 lbs.; cons. day, 700,000 gals.; cost, \$285,000; wks. owned by city.

DOWNS, p. 1,427; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al. bell & wh.; val. equip., \$1,155; val. bldgs., \$400; tot. mem., 30 vol.

Water Supply—Src., wells, sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng., class comp. dup., cap. day 200,000 gals.; mains, c. l., 6 m., 2 to 6 in. dia.; 31 hyd.; met., 255; 160 serv.; pres., dom. 60 lbs.; f. 75 lbs.; cons. day, 100,000 gals.; cost, \$25,000; cost mtce., \$9,000; wks. owned by city.

EL DORADO, p. 3,129; f. area, 4 blocks; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 3 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al. bell; val. equip., \$2,500; val. bldgs., \$3,000; exp. dept., \$1,300; tot. mem., 21, pd. full time 1, pd. part time 4, vol. 16.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 125,000 gals.; 2 pump. eng., cap. day 100,000 gals.; mains, 14 m., 4 to 12 in. dia.; 70 hyd.; 40 v.; 425 met.; 500 serv.; pres., dom. 85 lbs., f. 125 lbs.; cons. day, 300,000 gals.; cost, \$80,000; cost mtce., \$3,000; wks. owned by Co.

ELLIS, p. 1,404; f. area, 1 sq. m.; merc. bldgs., bk. & wd.; no fwks. & combt. ord. F. dept.—2 hand hose carts, 1,000 ft. cot., rub. lined hose; f. al. wh.; val. equip., \$1,100; tot. mem., 16 vol.

Water Supply—Src., lake; sys., pump to stdp.; stdp. cap., 117,000 gals.; 20 ft. high; mat., stl.; 1 pump. eng., class dup., cap. day 180,000 gals.; mains, 4 m., 2 to 6 in. dia.; 26 hyd.; pres., dom. 40 to 50 lbs.; wks. owned by city.

ELLSWORTH, p. 2,041; f. area, 2 sq. m.; merc. bldgs., stn. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al. bell & wh.; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$250; tot. mem. 50 vol., pd. \$50 per year; undra. rating, fourth class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 120,000 gals.; 90 ft. high; mat., stn. & stl.; 2 pump. eng., cap. day 1,300,000 gals.; mains, c. l., 7 m., 4 to 8 in. dia.; 65 hyd.; met., 327; 335 serv.; pipe, lead & galv. i.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 65,000 gals.; cost, \$60,000; cost mtce., \$2,500; wks. owned by city.

ELK CITY, p. 659. F. dept.—1 c. eng.; hose, 100 ft.; f. al., bell.

Water Supply—Src., wells.

EMPIRA, p. 5,000; f. area, 120 a. F. dept.—4 hand ex., 1 c. wag., 2 hose wag., 1 h. & l. trk.; val. bldgs., \$10,000; val. equip., \$7,000; exp. dept., \$3,500; tot. mem. 101, pd. part time 2, vol. 99.

Water Supply—Src., res.; sys., grav.; 2 pumps, cap. day 200,000 gals.; 181 hyd.; cost, \$30,000.

EMPORIA, p. 9,058; f. area, 1,260 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 comb. c. & h. wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 3,400 ft.; inf., 500 ft.; tot. hose, 3,900 ft.; val. equip., \$5,000; val. bldgs., \$7,550; exp. dept., \$2,788; tot. mem. 11, pd. full time 2, pd. part time 9; undra. rating, third class.

Water Supply—Src., riv., 4 m. bus. cent.; sys., pump to res.; res. cap., 15,000,000 gals.; loc. 3 m. northwest city; 3 pump. eng., cap. day 6,000,000 gals.; mains, c. l., 40 m., 3 to 16 in. dia.; 191 hyd.; 364 v.; 2,300 serv.; 23 met.; pipe, galv. i.; pres., dom. 33 lbs., f. 70 to 100 lbs.; cons. day, 1,300,000 gals.; cost, \$300,000; cost mtce., \$15,000; wks. owned by city.

ENGLEWOOD, p. 825; f. area, $\frac{1}{4}$ sq. m. F. dept.—2 hose reels; hose, rub. lined, gd., 1,000

ft.; f. al., tel.; val. equip., \$1,200; tot. mem., 18 vol.; undra. rating, $4\frac{1}{2}$ class.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav. & dir.; stdp. cap., 5,000 gals.; dim., 18 x 20; mat., stl.; 1 pump. eng., cap. min. 350 gals.; mains, $1\frac{1}{2}$ m., 2 to 8 in. dia.; 19 hyd.; pres., dom. 45 to 50 lbs., f. 75 lbs.; wks. owned by city.

ENTERPRISE, p. 706; f. area, 86 a.; merc. bldgs., stn. & bk., 2 stor.; priv., wd., $1\frac{1}{2}$ & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$200; exp. dept., \$200; tot. mem., 14 vol.; undra. rating, fifth class.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir., stdp.; cap., 50,000 gals.; pump. eng., cap. day, 1,000,000 gals.; mains, $7\frac{1}{2}$ m., 3 to 8 in. dia.; 19 hyd.; 110 met.; 112 serv.; pres., dom. 45 lbs., f. 80 lbs.; cons. day, 50,000 gals.; cost, \$13,000; cost mtce., \$600; wks. owned by city.

ERIE, p. 1,800; f. area, bus. cent.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; no fwks. & combt. ord. F. dept.—Organization not completed; 2 hand hose reels; hose, 1,000 ft.; f. al., tel.; & wh.; val. equip., \$1,150; undra. rating, $4\frac{1}{2}$ class.

Water Supply—Src., large dug well, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals.; dia., 20 ft.; mat., stl.; loc. at pump house; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, 3 1-7 m., 1 to 8 in. dia.; 85 hyd.; pres., dom. 53 lbs., f. 75 to 100 lbs.; cons. day, 150,000 gals.; cost, \$75,000; wks. owned by town.

ESSON, p. 347; f. area, 1 sq. m. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose cart, 500 ft. cot., rub. lined hose, 1,000 ft. c. hose; val. equip., \$1,000; f. al., bell; tot. mem., 17 vol.

Water Supply—Src., well, in bus. cent.; sys., grav.; 1 pump. eng., class trip.; mains, 3 m., 4 to 8 in. dia.; stdp. cap., 50,000 gals.; 26 hyd.; pres., 48 to 50 lbs.; wks. owned by city.

EUREKA, p. 2,338; f. area, 350 a.; merc. bldgs., stn. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; linen, gd., 100 ft.; tot. hose, 1,500 ft.; f. al., tel.; val. equip., \$1,400; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 62 vol.

Water Supply—Src., wells & riv.; sys., pump to stdp. & dir.; stdp. cap., 96,000 gals.; dim., $13\frac{1}{2}$ x 50; mat., iron; pump. eng., cap. hour 40,000 gals.; mains, 8 m., 4 to 12 in. dia.; 39 hyd.; 28 v.; met., 75; 200 serv.; pipe, iron; pres., dom. 80 lbs., f. 100 lbs.; cons. day, 40,000 gals.; cost, \$55,000; cost mtce., \$850; wks. owned by city.

FLORENCE, p. 1,168; merc. bldgs., wd. & stn., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts; hose, gd., 1,200 ft.; f. al., bell; tot. mem., 16 vol.

Water Supply—Src., well & riv.; sys., pump to stdp.; stdp. cap., 83,000 gals.; dim., 16 x 35; mat., stl.; 2 pump. eng., cap. day 800,000 gals.; mains, $3\frac{1}{2}$ m., 4 to 8 in. dia.; 25 hyd.; met., 50; 110 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 100 lbs.; cons. day, 20,000 gals.; cost, \$42,000; cost mtce., \$1,210; wks. owned by Co.

FT. RILEY, p. 3,100; merc. bldgs., stn., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 h. & l. trk., 7 hose car., 182 hand ex., 1 hand c. eng.; hose, double jacket, rub. lined, gd., 3,400 ft.; rub., gd., 600 ft.; tot. hose, 4,000 ft.; this is a military post & the entire garrison is a f. dept. when necessity demands.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals.; 3 pump. eng., class comp., cap. day, 3,000,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 78 hyd.; 28 v.; 160 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 130 lbs.; cons. day, 800,000 gals.; cost, \$85,000; wks. owned by U. S. government.

FT. SCOTT, p. 10,463; f. area, 320 a.; merc. bldgs., bk. & stn., 3 & 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 5 c. hand ex., 1 h. & l. trk., 2 comb. c. & h. wag., 1 hose wag., 1 hose car., reel, &c., 5 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; old, 500 ft.; tot. hose, 2,500 ft.; f. al., Gamewell, 16 bx.; val. equip., \$7,000; val. bldgs., \$4,000; exp. dept., \$4,300; tot. mem. 8, pd. full time; undra. rating, third class.

Water Supply—Src., Marmaton riv.; sys., pump to res., to stdp. & dir.; stdp. cap., 110,000 gals. & 150,000 gals.; dim., 150 x 12 & 110 x 14; mat., wrt. i.; res. cap., 4,000,000 gals.; 3 pump. eng., class dup., cap. day 3,500,000 gals.; mains, 30 m., 4 to 16 in. dia.; 200 hyd.; 215 v.; met., 1,200; 2,000 serv.; pipe, galv. i.; pres., dom. 30 lbs.; f. 80 lbs.; cons. day, 1,500,000 gals.; wks. owned by city.

FOWLER, p. 696. F. dept.—1 hand hose reel, 500 ft. hose; vol.

Water Supply—Src., well, in bus cent.; sys., grav. & dir.; 2 pump. eng., cap. day 432,000 gals.; stdp. cap., 70,000 gals.; mains, 2½ m., 4 to 8 in. dia.; 23 hyd.; pres., dom. 32 lbs.; f. 70 lbs.; wks. owned by city.

FRANKFORT, p. 1,426; f. area, 400 a.; merc. bldgs., stn., 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 c. eng., 12 c. hand ex., 3 hose carts, 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$2,700; val. bldgs., \$200; exp. dept., \$75; tot. mem., 30 vol.; undra. rating fifth class.

Water Supply—Src., wells, 1½ blocks bus. cent.; sys., grav. & dir. pres.; stdp. cap., 70,000 gals.; 2 pump. eng., cap. day 583,200 gals.; mains, 3 m., 4 to 8 in. dia.; 33 hyd.; pres., dom. 60 lbs.; wks. owned by city.

FREDONIA, p. 3,040; f. area, 380 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 hose car.; hose, rub., gd., 1,600 ft.; inf., 400 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$2,000; exp. dept., \$800; tot. mem., 18 vol.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., grav., pump to res.; res. cap., 1,800,000 gals.; 2 pump. eng., class comp., cap. day 1,500,000 gals.; mains, 10 m., 4 to 10 in. dia.; 76 hyd.; 40 v.; 375 met.; 900 serv.; pipe, galv. i.; pres., dom. 65 lbs.; f. 85 lbs.; cons. day, 326,000 gals.; cost, \$59,000; cost mtce., \$5,000; wks. owned by city.

FRONTENAC, p. 3,396; f. area, 40 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—hose reels, 1 hand pump; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & telp.; tot. mem., 36 vol.

Water Supply—Src., well, 600 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; res. cap., 350,000 gals.; 2 pump. eng., cap. day 200,000 gals.; mains, 10 m., 1½ to 8 in. dia.; 29 hyd.; 15 met.; pres., dom. 35 lbs.; f. 45 lbs.; cons. day, 70,000 gals.; cost, \$35,000; cost mtce., \$3,000; wks. owned by city.

GALENA, p. 6,098; f. area, 4 sq. m.; merc. bldgs., bk., iron & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose car.; hose, 2,000 ft.; f. al., bell; val. equip., \$1,700; val. bldgs., \$3,000; exp. dept., \$100; tot. mem., 35 vol.; undra. rating, third class.

Water Supply—Src., creek, 2½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 115,000 gals.; dim., 12½ x 125; mat., stl.; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. l., 20 m., 4 to 10 in. dia.; 80 hyd.; met., 130; 850 serv.; pres., dom. 60 lbs.; f. 100 lbs.; wks. owned by city.

GARDEN CITY, p. 3,171; f. area, 1,000 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,700 ft.; f. al., bell & telp.; val. equip., \$4,000; val. bldgs., \$1,500; exp. dept., \$400; tot. mem., 32 vol.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to res. & dir.; res. cap., 2,000,000 gals.; stdp. cap., 220,000 gals.; mat., stl.; 5 pump. eng., class comp. dup., cap. day, 2,800,000 gals.; mains, c. l., 6½ m., 4 to 12 in. dia.; 60 hyd.; 24 v.; 160 met.; 160 serv.; pipe, galv. i.; pres., dom. 40 lbs.; f. 80 lbs.; cons. day, 800,000 gals.; cost, \$60,000; cost mtce., \$8,000; wks. owned by city.

GARNETT, p. 2,334; f. area, 20 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose wag., 3 hose carts, 1 c. outfit; hose, cot., rub.

lined, gd., 1,800 ft.; f. al., bell & wh.; val. equip., \$3,000; tot. mem., 36 vol.

Water Supply—Src., creek, spr. & lake, 4 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 70,000 gals.; mat., iron & bk.; 2 pump. eng., cap. min. 1,000 gals.; mains, c. l., 10 m., 2, 4, 6 & 8 in. dia.; 51 hyd.; met., 90; 350 serv.; pipe, galv. i.; pres., dom. 40 lbs.; f. 80 lbs.; cons. day, 500,000 gals.; cost, \$65,000; cost mtce., \$21,000; wks. owned by city.

GHARD, pop. 2,446; f. area, 2 sq. m.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$300; exp. dept., \$200; tot. mem., 10 pd. part time.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 74,000 gals.; dim., 23 x 24; mat., bk. & stl.; res. cap., 500,000 gals.; loc. at station; 2 pump. eng., class dup., cap. day 1,877,700 gals.; mains, c. l., 12 m., 4 to 8 in. dia.; 52 hyd.; 24 v.; met., 265; 320 serv.; pres., dom. 40 to 45 lbs.; f. 70 to 90 lbs.; cons. day, 120,000 gals.; cost, \$40,000; cost mtce., \$500; wks. owned by city.

GLASCO, p. 750; f. area, 2 sq. m. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,150; tot. mem., 24 vol.; undra. rating, 4½ class.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; mat., stl.; 1 pump. eng., class trip., cap. min. 180 gals.; mains, 2½ m., 4 to 6 in. dia.; 24 hyd.; cons. day, 12,000 gals.; wks. owned by municipality.

GLEN ELDER, p. 565; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 600 ft.; vol.; undra. rating, 4½ class.

Water Supply—Src., well, 2,100 ft. bus. cent.; sys., grav. & dir.; stdp. cap., 63,450 gals.; dim. 12 x 75, mat. stl.; 1 pump. eng., class trip., cap. day, 504,000 gals.; mains, c. l., 2 2-5 m., 4 to 6 in. dia.; 23 hyd.; pres., dom. 30 lbs.; f. 56 lbs.; wks. owned by city.

GOODLAND, p. 1,993; f. area, 160 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; tot. mem., 20 vol.; undra. rating, fourth class.

Water Supply—Src., 3 wells, 1 block bus. cent.; sys., pump to stdp.; stdp. cap., 225,000 gals.; 3 pump. eng., cap. day 345,600 gals.; mains, 10 m., 4 to 6 in. dia.; 2,300 serv.; 480 met.; 500 hyd.; 25 v.; pres., dom. & f. 40 lbs.; cons. day, 80,000 gals.; cost, \$20,000; cost mtce., \$7,500; wks. owned by city.

GRAND BEND, p. 4,022; f. area, 1 sq. m.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., comb. c. & h. wag., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$3,000; tot. mem., 16 vol.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., pump to stdp.; stdp. cap., 120,000 gals.; dim., 12 x 150; mat., stl.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, c. l., 5½ m., 4 to 10 in. dia.; 57 hyd.; 28 v.; met., 32; 325 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 120 lbs.; cons. day, 135,500 gals.; cost, \$60,000; cost mtce., \$6,000; wks. owned by Co.

GREENLEAF, p. 781; f. area, 1 sq. m. F. dept.—1 h. & 1 trk., 2 hose carts, buckets, ladders, etc., 1,000 ft. cot., rub. lined, hose, 250 ft. fair hose; f. al., bell; val. equip., \$1,400; tot. mem., 9 pd. part time.

Water Supply—Src., wells, in bus. cent.; sys., grav.; stdp. cap., 84,600 gals.; 2 pump. eng., cap. day 57,600 gals.; mains, 2 m., 6 to 8 in. dia.; 20 hyd.; pres., 48 lbs.; wks. owned by city.

HALSTEAD, p. 1,004. F. dept.—1 comb. h. & l. wag.; hose, 300 ft.; f. al., bell.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 302,400 gals.; mains, c. l., 10 m., 4 to 12 in. dia.; 35 hyd.; 247 met.

pipe, galv. i.; pres., dom. 45 lbs., f. 250 lbs.; cons. day, 40,000 gals.; wks. owned by city.

HANOVER, p. 1,000; f. area, 2 sq. m.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 hand hose reels; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 500 ft.; tot. hose, 1,000 ft.; 1 ladder wag., 2 ladders, buckets, hooks, axes, etc.; f. al., bell; val. equip., \$2,000; tot. mem., 36 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 58,000 gals.; dim., 10 x 100; mat., stl.; 2 pump. eng., class trip., cap. 370 gals. min.; mains, 3½ m., 4 to 8 in. dia.; 81 hyd.; pres., 78 lbs.; cons. day, 40,000 gals.; wks. owned by municipality.

HARPER, p. 1,638; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose cart; hose, gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$500; tot. mem., 20 vol.; undra. rating, third class.

Water Supply—Src., wells, 1¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 160,000 gals.; dim., 16 x 100; mat., stl.; res. cap., 700,000 gals.; 1 pump. eng., class comp. dup., cap. day 750,000 gals.; mains, c. l., 6 m., 1 to 8 in. dia.; 65 hyd.; 15 v.; met., 140; 121 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 150 lbs.; cons. day, 150,000 gals.; cost, \$61,000; cost mtce., \$1,000; wks. owned by city.

HAVENSVILLE, p. 412; f. area, ¼ sq. m. F. dept.—2 nozzles, 2 axes, 500 ft. hose; f. al., bell; tot. mem., 15 vol.

Water Supply—Src. well, in bus. cent.; sys., grav.; stdp. cap., 30,000 gals.; 1 pump. eng., cap. day 24,000 gals.; mains, 4,200 ft., 4 to 6 in. dia.; 14 hyd.; pres., 22 to 45 lbs.; wks. owned by city.

HAYS, Ellis Co., p. 1,961; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,800; tot. mem., 32 vol.

Water Supply—Src., 10 wells; sys., pump to stdp.; stdp. cap., 55,000 gals.; 2 pump. eng., cap. day 1,621,440 gals.; mains, 6 m., 4 to 8 in. dia.; 60 hyd.; 15 v.; 200 met.; 200 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 100,000 gals.; cost, \$48,000; wks. owned by city.

HERINGTON, p. 3,273; f. area, 250 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 c. hand ex., 1 comb. h. & l. trk. & hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; fair, 600 ft.; tot. hose, 1,600 ft.; f. al., wh. & telp.; val. equip., \$2,000; val. bldgs., \$400; tot. mem., 10 vol.

Water Supply—Src., spr.; sys., pump dir.; pump. eng., cap. day 600,000 gals.; mains, 2½ m., 4 to 5 in. dia.; 20 hyd.; pres., dom. 60 lbs., f. 80 lbs.; cost, \$20,000; cost mtce., \$1,000; wks. owned by city.

HIAWATHA, p. 2,974; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 2,650 ft.; inf. 500 ft.; tot. hose, 3,150 ft.; f. al., bell & elec.; val. equip., \$3,000; val. bldgs., \$2,000; tot. mem., 30 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp. & mains; stdp. dim., 12 x 120, cap. 109,980 gals.; mat., iron; res. cap., 450,000 gals.; res. loc. south side city; 4 pump. eng., class comp. dup. & centrif., cap. day, 2,804,000 gals.; mains, c. l., 6½ m., 4 to 8 in. dia.; 48 hyd.; 55 v.; met., 388; pipe, galv. i.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 200,000 gals.; cost mtce., \$3,500; wks. owned by city.

HIGHLAND, p. 763; f. area, ½ sq. m. F. dept.—1 hose reel, 1 c. eng., 600 ft. hose; f. al., bell; tot. mem., 21 vol.

Water Supply—Src., well in bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; 2 pump. eng., cap. day 4,368,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 39 hyd., pres., 49 to 62 lbs.; wks. owned by city.

HILL CITY, p. 983; f. area, 1 sq. m. F. dept.—1 c. eng., h. & l. trk., 2 hrs.; hose, cot., rub. lined,

gd., 1,000 ft.; f. al., bell & telp.; val. equip., \$1,250; val. bldgs., \$1,500; tot. mem., 25 vol.; undra. rating, 4½ class.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav. & dir.; stdp. cap., 75,000 gals.; dim., 22 x 28; mat., stl.; 1 pump. eng., class trip., cap. min. 350 gals.; mains, 7½ m., 4 to 8 in. dia.; 38 hyd.; pres., dom. 50 to 55 lbs., f. 75 lbs.; wks. owned by city.

HOMESINGTON, p. 1,975; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 1 h. & l. trk., axes, bars, buckets, etc.; hose, cot., rub. lined, gd., 1,200 ft.; fair, 600 ft.; tot. hose, 1,800 ft.; f. al., bell & telp.; val. equip., \$2,400; tot. mem., 15 vol.; undra. rating, fourth class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav. & dir.; stdp. cap., 125,000 gals., dim. 15 x 100, mat. stl.; 2 pump. eng., class centrif., cap. day, 446,400 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 54 hyd.; pres., dom. 20 lbs., f. 80 lbs.; cons. day, 160,000 gals.; wks. owned by city.

HOLTON, p. 2,842; f. area, 10 a.; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 4 c. hand ex., 1 h. & l. trk., 1 hose reel, 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 200 ft.; inf., 600 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$3,000; tot. mem., 35 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., dir. pres.; res. cap. 200,000 gals.; 2 pump. eng.; mains, iron, 12 m.; 4 to 10 in. dia.; 35 hyd.; 40 v.; 316 met.; 316 serv.; pres., dom. 60 lbs.; f. 110 lbs.; cons. day, 150,000 gals.; cost, \$45,000; wks. owned by city.

HORTON, p. 3,600; f. area, 300 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., telp. & bell; val. equip., \$2,000; exp. dept. \$200; tot. mem., 20 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 125,000 gals.; dim., 12 x 165; loc. 155 ft. cent. town; mat., stl.; 2 pump. eng., cap. day, 400,000 gals.; mains, c. l., 5 m., 4 to 10 in. dia.; 52 hyd.; 200 met.; 200 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 80 lbs.; cons. day, 60,000 gals.; cost, \$75,000; cost mtce., \$1,000; wks. owned by city.

HOWARD, p. 1,163; f. area, 2 blocks; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 15 c. hand ex., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$1,350; exp. dept., \$200; tot. mem., 20 vol.

Water Supply—Not reported.

HUMBOLDT, p. 2,548; f. area, 640 a.; merc. bldgs., wd., bk. & stn., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 hose wag.; hose, rub. lined, gd., 1,500 ft.; rub., gd., 300 ft.; tot. hose, 1,700 ft.; f. al., telp. & bell; val. equip., \$3,000; val. bldgs., \$500; exp. dept., \$100; tot. mem., 23 vol.; undra. rating, fourth class.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals.; mat., stl.; 2 pump. eng., class comp. dup., cap. day 2,160,000 gals.; mains, 5 m., c. l., 6 to 10 in. dia.; 52 hyd.; 25 v.; 12 met.; pres., dom. 57 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$40,000; cost mtce., \$2,500; wks. owned by city.

HUTCHINSON, p. 16,364; f. area, 2,000 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 auto. comb. c. eng., h. & l. wag., 2 hose carts, 1 auto. wag., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., wh. & bell; val. equip., \$19,500; val. bldgs., \$5,000; exp. dept., \$12,000; tot. mem. 13, pd. full time; undra. rating, third class.

Water Supply—Src., wells; sys., pump dir.; 4 pump. eng., class hor. dup., cap. day 13,000,000 gals.; mains, c. l., 80 m., 4 to 12 in. dia.; 311 hyd.; 52 v.; met., 400; 1,700 serv.; pipe, galv. i. & lead; pres., dom. 50 to 60 lbs., f. 100 to 150 lbs.; cons. day, 800,000 gals.; wks. owned by Co.

INDEPENDENCE, p. 10,480; f. area, 3,000 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 to 4 stor.; wd. ris. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 2 hose carts, 1 comb. hose & ladder trk., 3 hrs.; hose, cot., rub. lined, 2,000 ft.; f. al. telp.; val. equip., \$5,000; val. bldgs., \$10,000; exp. dept., \$5,000; tot. mem. 6, pd. full time.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., dir. pres.; res. cap., 8,000,000 gals.; 5 pump. eng., class comp. dup. & turbine, cap. day, 8,800,000 gals.; mains, c. i., 19 m., 4 to 14 in. dia.; 104 hyd.; 75 v.; met., 190; 2,250 serv.; pipe, galv. l.; pres., dom. 65 lbs., f. 100 to 130 lbs.; cons. day, 1,500,000 gals.; cost, \$220,000; wks. owned by city.

JOLA, p. 9,032; f. area, 1 1-3 sq. m.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—8 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al. telp.; val. equip., \$7,092; val. bldgs., \$2,500; tot. mem. 9, pd. full time 2, vol. 7.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; 4 pump. eng., class dup., cap. day 6,000,000 gals.; mains, c. i., 16 m., 4 to 14 in. dia.; 100 hyd.; 85 v.; met., 100; pipe, galv. l.; pres., dom. 60 lbs., f. 120 lbs.; wks. owned by city.

JEWELL CITY, p. 839; f. area, 1 sq. m. F. dept.—2 hose carts, 1 h. & l. trk.; 1 c. eng., 1,000 ft. cot., rub. lined, hose; f. al. bell; val. equip., \$1,650; tot. mem. 20 vol.

Water Supply—Src. artificial lake, in bus. cent.; cap. lake, 30,000,000 gals.; sys., grav. & dir. pres.; stdp. cap., 50,000 gals.; 2 pump. eng., cap. day, 320,200 gals.; mains, 4 m., 4 to 8 in. dia.; 40 hyd.; pres., 40 to 50 lbs.; cons. day, 12,000 gals.; wks. owned by city.

JUNCTION CITY, p. 5,598; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. c. & h. wag., 4 c. hand ex., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 2,600 ft.; f. al. bell & telp.; val. equip., \$4,000; val. bldgs., \$3,500; tot. mem. 18, pd. full time 2, vol. 10.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 500,000 gals.; 2 pump. eng., cap. day 4,500,000 gals.; mains, 14 m., 4 to 12 in. dia.; 97 hyd.; 84 v.; met., 1,400; 1,400 serv.; pres., dom. 70 lbs., f. 120 to 125 lbs.; cons. day, 750,000 gals.; cost, \$100,000; cost mtce., \$5,100; wks. owned by city.

KANAPOLIS, p. 450; f. area, 1 sq. m. F. dept.—2 hose carts, 1,000 ft. hose; f. al. bell; val. equip., \$1,000; tot. mem., 15 vol.

Water Supply—Src., well, in bus. cent.; sys., grav.; stdp. cap., 60,000 gals.; 1 pump. eng.; mains, 3 m., 4 to 8 in. dia.; 31 hyd.; pres., 38 to 55 lbs.; wks. owned by city.

KANSAS CITY, p. 82,331; f. area, 18½ sq. m.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 auto. comb. c. & h. wag., 2 auto. chief's car, 3 str., 26 c. hand ex., 1 h. & l. trk., 1 aer. trk., 3 hose wag., 3 hose car., 3 comb. c. & h. wag., 32 hrs.; hose, cot., rub. lined, gd., 19,900 ft.; 5,000 ft. in reserve; f. al. telp.; val. equip., \$18,700; val. bldgs., \$36,100; exp. dept., \$114,000; tot. mem. 82, pd. full time; undrs. rating, first class.

Water Supply—Src., Missouri riv., 4 m. bus. cent.; sys., pump dir.; stdp. cap., 275,000 gals.; res. cap., 5,000,000 gals.; 7 pump. eng., class comp. cond., centrif. & elec., cap. day 55,000,000 gals.; mains, c. i., 107 m., 4 to 30 in. dia.; 650 v.; 826 hyd.; met., 5,341; 9,399 serv.; pipe, lead; pres., dom. 130 lbs., f. 170 lbs.; cons. day, 9,000,000 gals.; wks. owned by Co.

KENSINGTON, p. 497; f. area, ¼ sq. m.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., stn. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 1 c. tk.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al. bell & telp.; val. equip., \$2,380; tot. mem. 21, pd. part time 3, vol. 18.

Water Supply—Src., well, ¼ m. bus. cent.; sys., grav.; stdp. cap., 75,000 gals.; dim., 20 x 125; mat., stl.; 2 pump. eng., class trip. & dup.; mains,

3½ m., 2 to 6 in. dia.; 25 hyd.; 19 v.; 130 met.; 140 serv.; pres., dom. 50 lbs., f. 60 lbs.; cons. day, 40,000 gals.; cost, \$20,000; wks. owned by city.

KINGMAN, p. 3,570; f. area, 160 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. ris. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al. bell & wh.; val. equip., \$3,700; val. bldgs., \$10,000; exp. dept., \$200; tot. mem., 15 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav. & dir. pres.; stdp. cap., 70,000 gals.; dim., 20 x 28 x 70; mat., stl.; res. cap., 123,200 gals.; 2 pump. eng., class trip., cap. day 1,000,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 55 hyd.; 30 v.; 550 met.; 560 serv.; pres., dom. 60 lbs., f. 130 lbs.; cons. day, 225,000 gals.; wks. owned by city.

KINSLEY, p. 1,800; f. area, 2 sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al. bell; val. equip., \$1,900; tot. mem., 22 vol.

Water Supply—Src., 3 wells, ½ m. bus. cent.; sys., grav.; stdp. cap., 180,000 gals.; dim., 16 x 120; mat., stl.; res. cap., 720,000 gals.; 2 pump. eng., class comp. dup., cap. day 720,000 gals.; mains, 6 m., 4 to 10 in. dia.; 39 hyd.; 22 v.; 210 met.; 250 serv.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 30,000 gals.; wks. owned by city.

KIOWA, p. 1,520; f. area, 1 sq. m. F. dept.—1 h. & l. trk., 2 c. hand ex., 10 buckets, 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,400 ft.; f. al. wh. & telp.; tot. mem., 14 vol.; undrs. rating, fourth class.

Water Supply—Src., Medicine riv., 1 m. bus. cent.; sys., grav. & dir.; stdp. cap., 70,000 gals.; dim., 30 x 20; mat., stl.; 3 pump. eng., class comp. dup. & trip., cap. min. 1,250 gals.; mains, 4.4 m., 4 to 8 in. dia.; 31 hyd.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 75,000 gals.; wks. owned by municipality.

KIRWIN, p. 626; f. area, ¼ sq. m. F. dept.—1 h. & l. trk., 2 hose carts, 1,000 ft. hose; f. al. bell; tot. mem., 26 vol.

Water Supply—Src., well, in bus. cent.; sys., grav. & dir. pres.; stdp. cap., 70,000 gals.; 1 pump. eng., cap. day 288,000 gals.; mains, 2½ m., 4 to 6 in. dia.; 23 hyd.; pres., 58 lbs.; wks. owned by city.

LA CYGNE, p. 957; f. area, 640 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., stn., bk. & wd., 1½ stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 3 hose carts; hose, cot., rub. lined, gd., 1,600 ft.; f. al. bell & wh.; val. equip., \$1,800; val. bldgs., \$800; exp. dept., \$240; tot. mem., 15 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., dir. pres.; stdp. cap., 72,000 gals.; 1 pump. eng., class comp. dup., cap. 700 gals. min.; 6 m. mains, 4 to 8 in. dia.; 19 hyd.; 70 met.; 85 serv.; pres., dom. 48 lbs., f. 100 lbs.; cost, \$33,000; cost mtce., \$3,000; wks. owned by city.

LA HARPE, p. 2,080; f. area, 40 a. F. dept.—hose, cot., rub. lined, gd., 1,400 ft.; f. al. bell; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 12 vol.

Water Supply—Src., Elm creek, 2½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals.; 2 pump. eng., cap. 384,000 gals. day; mains, c. i., ¾ to 8 in. dia.; 30 hyd.; 12 v.; pres., dom. & f., 35 lbs.; wks. owned by city.

LANSING, p. 1,300. F. dept.—2 hand hose reels, c. hand ex., 1,000 ft. hose; f. al., wh.; 13 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; 2 pump. eng., cap. day 300,000 gals.; mains, c. i., 3 m., 3 to 10 in. dia.; 20 hyd.; pres., dom. 45 lbs., f. 90 lbs.; cons. day, 225,000 gals.; cost, \$20,000; wks. owned by state.

LARNED, p. 2,911; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 2 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car., 1 comb. h. & c. wag.; hose, cot., rub. lined, gd., 1,800 ft.; f. al. bell; val. equip., \$3,000; val. bldgs., \$4,000; exp. dept., \$200; tot. mem., 16 vol.; undrs. rating, fourth class.

Water Supply—Src., wells; ays., pump to stdp., stdp. cap., 85,000 gals.; dim., 12 x 100; 2 pump. eng., cap. day 1,500,000 gals.; mains, 10 m., 4 to 12 in. dia.; 117 hyd.; 55 v.; met., 525; 550 serv.; pres., dom. 70 lbs., f. 100 lbs.; cons. day, 300,000 gals.; cost, \$60,000; cost mtce., \$2,500; wks. owned by city.

LAWRENCE, p. 12,874; f. area, 640 a.; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 5 hrs. in reserve, 1 comb. h. & 1 tk. trk., 2 hose carts, 5 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., bell & wh., telp. bx.; val. equip., \$10,000; val. bldgs., \$10,000; exp. dept., \$8,500; tot. mem. 13, pd. full time 2, pd. part time 11.

Water Supply—Src., wells; ays., grav., pump to stdp. & dir.; stdp. cap., 250,000 gals.; dim., 20 x 105; cap. plant, 4,000,000 gals.; 2 pump. eng.; mains, 19 m.; 156 hyd.; met., 700; 1,460 serv.; pres., dom. 95 lbs., f. 100 lbs.; cons. day, 1,200,000 gals.; cost, \$100,000; cost mtce., \$5,000; wks. owned by Co.

LEAVENWORTH, p. 19,363; f. area, 7 sq. m.; merc. bldgs., bk., 1 to 6 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 h. & 1 trk., 6 c. hand ex., 1 comb. c. & h. wag., 1 hose wag., 1 hose reel, 8 hrs.; hose, cot., rub. lined, gd., 3,150 ft.; inf., 700 ft.; tot. hose, 8,850 ft.; f. al., telp.; val. equip., \$4,360; exp. dept., \$11,900; tot. mem. 14, pd. full time.

Water Supply—Src., riv., 1 m. bus. cent.; ays., pump to res.; res. cap., 25,000,000 gals.; pump. eng., class comp., cap. day 18,000,000 gals.; mains, 28 m., 4 to 20 in. dia.; 145 hyd.; met., 1,000; 2,100 serv.; pipe, lead & galv. i.; pres., dom. 135 lbs., f. 135 lbs.; cons. day, 4,500,000 gals.; wks. owned by Co.

LEBANON, p. 800; f. area, $\frac{1}{2}$ sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hrs.; hose, cot., rub. lined, gd., 800 ft.; f. al., wh. & bell; val. equip., \$1,500; val. bldgs., \$100; tot. mem., 26 vol.

Water Supply—Src., wells, 8 m. bus. cent.; ays., grav. & dir. pres.; stdp. cap., 55,000 gals.; dim., 19 x 20; mat., stl.; 1 pump. eng., class trip., cap. day 432,000 gals.; mains, $8\frac{1}{2}$ m., 2 to 8 in. dia.; 15 hyd.; pres., dom. 40 to 45 lbs., f. 75 lbs.; cons. day, 15,000 gals.; wks. owned by city.

LIBERAL, p. 2,100; f. area, 1 sq. m.; merc. bldgs., wd., stn. & bk., 1 & 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose carts; 1,000 ft. cot., rub. lined, hose; f. al., wh.; vol.

Water Supply—Src., wells, cap. 240 gals. min., 1 m. bus. cent.; ays., grav.; stdp. cap., new 80,000 gals., old 50,000 gals.; dim., new 21 x 34, old 22 x 18; mat., new, stl.; old, stl.; 4 pump. eng., combined cap. day 345,000 gals.; mains, 4 m., 4 to 8 in. dia.; 23 hyd.; pres., dom. 48 to 49 lbs.; cost, \$30,000; wks. owned by city.

LINCOLN, p. 1,508; f. area, 4 blocks; merc. bldgs., stn., 1 & 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm.; combt. ord. F. dept.—2 c. eng., 1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$1,750; val. bldgs., \$1,000; tot. mem., 18 vol.; undra. rating, third class.

Water Supply—Src., wells; ays., pump to stdp., grav. & dir.; stdp. cap., 75,000 gals.; dim., 22 x 28; mat., stl.; 2 pump. eng., cap. min. 1,050 gals.; 26 hyd.; mains, $8\frac{1}{2}$ m., 4 to 8 in. dia.; met., 300; 3,000 serv.; pres., f. 30 to 65 lbs.; cons. day, 80,000 gals.; cost, \$375,000; cost mtce., \$23,000; wks. owned by city.

LINDSBORG, p. 1,939; f. area, 10 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, 1,700 ft.; f. al., wh.; val. equip., \$2,500; val. bldgs., \$2,000; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., wells, 225 ft. bus. cent.; ays., pump to tk. & dir. pres.; tk. cap., 2,000 gals.; mat., galv. i. & wd.; res. cap., 240,000 gals.; 3 dup. pump. eng., cap. day 500,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia., 38 hyd.; 29 v.; 290 met.; \$10 serv.; pres., dom. 50 lbs., f. 100 to 110

lbs.; cost, \$16,000; cost mtce., \$4,000 wks. owned by city.

LOGAN, p. 734; f. area, 1-8 sq. m. F. dept.—1 hose wag., 1 hose cart, 700 ft. hose; f. al., wh. & bell; tot. mem., 12 vol.

Water Supply—Src., 2 wells, in bus. cent.; ays., grav. & dir. pres.; stdp. cap., 30,000 gals.; dim., 15 x 18, mat. stl.; 2 pump. eng., class comp. dup. & trip., cap. day 828,000 gals.; mains, c. l., $1\frac{1}{2}$ m., 4 to 6 in. dia.; pres., dom. 41 lbs., f. 60 lbs.; 15 hyd.; wks. owned by city.

LUCAS, p. 573; f. area, 1 sq. m.; merc. bldgs., bk. & wd.; no fwks. & combt. ord. F. dept.—4 hand hose carts, 1,500 ft. cot., rub. lined, hose; f. al., bell & telp.; val. equip., \$1,600; val. bldgs., \$25; tot. mem., 22 vol.

Water Supply—Src., wells & spring, $\frac{1}{4}$ & $\frac{1}{2}$ m. bus. cent.; ays., pump to stdp.; stdp. cap., 50,000 gals.; mat., stl.; res. cap., 110,000 gals.; 2 pump. eng., class trip., cap. day 82,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 23 hyd.; 14 v.; 140 met.; 140 serv.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 15,000 gals.; wks. owned by city.

LURAY, p. 350; f. area, 1 sq. m. F. dept.—1 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 700 ft.; c., 100 ft.; tot. hose, 800 ft.; f. al., bell & telp.; val. equip., \$1,470; tot. mem., 20 vol.; undra. rating, $4\frac{1}{2}$ class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; ays., grav.; stdp. cap., 50,000 gals.; dim., 20 x 28; mat., stl.; 1 pump. eng., class trip.; mains, $1\frac{1}{2}$ m., 4 to 6 in. dia.; 23 hyd.; pres., dom. 60 to 65 lbs., f. 75 lbs.; cost, \$20,000; cost mtce., \$300; wks. owned by city.

LYNDON, p. 824; f. area, $\frac{1}{2}$ sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 hose carts, 2,000 ft. hose; f. al., bell; val. equip., \$1,075; tot. mem., 20 vol.

Water Supply—Src., Slate Creek, 1 m. bus. cent.; ays., pump to stdp.; stdp. cap., 60,000 gals.; dim., 60 x 38; mat., stl.; 2 pump. eng., cap. 1,500 gals. min.; mains, c. l., 7 m., 4 to 6 in. dia.; 30 hyd.; 100 met.; pres., dom. 55 lbs., f. 60 to 70 lbs.; cons. day, 35,000 gals.; cost, \$30,000; wks. owned by city.

LYONS, p. 2,071; f. area, 640 a. merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose cart; hose, cot., rub. lined, gd., 1,400 ft.; inf., 300 ft. tot. hose, 1,700 ft.; f. al., bell; val. equip., \$3,000 val. bldgs., \$5,000; exp. dept., \$520; tot. mem., 12 vol.; undra. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; ays., dir. pres.; res. cap., 100,000 gals. 3 pump. eng., class, dup. & trip.; cap. day, 1,000,000 gals.; mains, c. l., $6\frac{1}{2}$ m.; 4 to 8 in. dia.; 33 hyd.; 29 v.; 4 met.; 510 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 120 lbs.; cons. day, 160,000 gals.; wks. owned by city.

McPHERSON, p. 3,546; f. area, 100 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 5 c. hand ex., 1 hose cart, 1 hose car; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., wh.; val. equip., \$4,500; val. bldgs., \$4,500; exp. dept., \$400; tot. mem., 18 vol.

Water Supply—Src., 3 deep wells.

MADISON, p. 721; f. area, $\frac{1}{4}$ sq. m. F. dept.—2 hand hose reels; 500 ft. hose; val. equip., \$1,070; f. al., bell; tot. mem., 30 vol.

Water Supply—Src., well, in bus. cent.; ays., grav. & dir. stdp. cap., 50,000 gals.; 2 pump. eng.; cap. day 432,000 gals.; mains, $3\frac{1}{2}$ m., 4 to 8 in. dia.; 38 hyd.; pres., 60 to 65 lbs.; wks. owned by city.

MANHATTAN, p. 5,722; f. area, 3 sq. m.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. h. & 1 trk. & hose wag., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., bell & elec.; val. equip., \$5,000; val. bldgs., \$9,000; exp. dept., \$1,000; tot. mem. 10, pd. full time 2, vol. 8; undra. rating, fourth class.

Water Supply—Src., wells, 1 m. bus. cent.; ays.,

pump to res. & dir.; res. cap., 690,074 gals.; dim., 12 x 62 x 62; mat., stn. & conc.; 2 pump. eng., class comp., cap. day 1,500,000 gals.; mains, c. & galv. l., 10 m., 4 to 10 in. dia.; 68 hyd.; 52 v.; met., 500; 550 serv.; pipe, galv. l.; pres., dom. 80 to 90 lbs.; f. 95 lbs.; cons. day, 500,000 gals.; cost, \$62,000; cost mtce., \$3,000; wks. owned by city.

MANKATO, p. 1,800; f. area, $\frac{1}{2}$ sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; F. dept.—2 hand hose reels, 1 h. & l. trk., 3 ladders, 2 pikes, 1 ax, 10 pails, 1,000 ft. new hose, 600 ft. old hose; tot. hose, 1,600 ft.; f. al., bell & telp.; val. equip., \$1,400; tot. mem., 16 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav. & dir.; stdp. cap., 67,000 gals.; dim., 12 x 80; mat., iron; 2 pump. eng.; mains, 4 to 8 in. dia.; 35 hyd.; pres., 43 lbs.; wks. owned by municipality.

MARION, p. 1,841; f. area, 640 a.; bldgs., stn. & wd., 2 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; tot. mem., 17 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 42,000 gals.; dim., 20 x 30; mat., stl. & wd.; 2 pump. eng., class comp. & h. d., cap. day 2,000,000 gals.; mains, wrt. l., 6 m., 4 to 12 in. dia.; 52 hyd.; 20 v.; 200 serv.; pipe, galv. l.; pres., dom. 50 to 60 lbs.; f. 60 to 140 lbs.; cons. day, 200,000 gals.; cost, \$65,000; cost mtce., \$6,000; wks. owned by Co.

MARYSVILLE, Marshall Co., p. 2,260 f. area, 1 sq. m.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 2 $\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 auto. comb. trk., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,800 ft. inf., 450 ft.; tot. hose, 2,250 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$5,500; tot. mem., 40 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 57,750 gals.; dim., 10 x 100; mat., stl.; 2 pump. eng., class comp., cap. day 1,750,000 gals.; mains, c. l., 5 $\frac{1}{2}$ m., 4 to 10 in. dia.; 64 hyd.; 22 v.; met., 75; 188 serv.; pipe, c. l.; pres., dom. 85 lbs.; f. 100 lbs.; cost, \$50,000; cost mtce., \$2,900; wks. owned by Co.

MEDICINE LODGE, p. 1,229; f. area, 5 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 1 $\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 600 ft.; f. al., telp. & elec., 1 bx.; val. bldgs., \$1,000; tot. mem., 15 vol.

Water Supply—Src., creek; sys., grav. & dir.; res. cap., 275,000 gals.; 2 pump. eng.; cap. min., 872 gals.; mains, 4 $\frac{1}{2}$ m., 4 to 8 in. dia.; 30 hyd.; 16 v.; 116 serv.; pres., dom. 20 to 40 lbs.; f. 90 lbs.; wks. owned by city.

MILTONVALE, p. 1,200; f. area, 600 a. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,700 val. bldgs., \$50; vol.

Water Supply—Src., 2 wells, in bus. cent.; sys., dir. pres.; stdp. cap., 50,000 gals.; 2 pump. eng.; cap. day, 288,000 gals.; mains, 5 m., 2 to 6 in. dia.; 21 hyd.; 21 v.; 70 serv.; 70 met.; pres., dom. & f., 60 lbs.; cons. day, 20,000 gals.; cost, \$35,000; cost mtce., \$1,000; wks. owned by city.

MINNEAPOLIS, p. 1,895; f. area, 100 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 1,300 ft.; inf., 400 ft.; tot. hose, 3,700 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$6,000; exp. dept., \$150; tot. mem., 52 vol.; undrs. rating, third class.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., grav., pump to stdp.; stdp. cap., 250,000 gals.; dim., 20 x 85; 2 pump. eng., class comp., cap. day, 2,500,000 gals.; mains, 6 $\frac{1}{2}$ m., 4 to 10 in. dia.; 61 hyd.; 26 v.; 500 met.; pres., dom. 63 lbs.; f. 125 lbs.; cons. day, 100,000 gals.; cost, \$92,000; cost mtce., \$3,000; wks. owned by city.

MOLINE, p. 808; f. area, $\frac{1}{2}$ sq. m. F. dept.—1 h. & l. trk., 1 hose reel, 1 c. eng.; 750 ft. hose; f. al., bell; val. equip., \$1,400; tot. mem., 20 vol.

Water Supply—Src., well, in bus. cent.; sys., grav. & dir. pres.; stdp. cap., 60,000 gals.; 1 pump. eng., class trip., cap. day 216,000 gals.; mains, c.

l., 1.63 m., 4 to 8 in. dia.; 22 hyd.; pres., 46 to 52 lbs.; wks. owned by city.

MOUND CITY, p. 698; f. area, 320 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 900 ft.; f. al., elec. 2 bx.; val. equip., \$1,500; val. bldgs., \$300; exp. dept., \$1,000; tot. mem., 16, pd. part time 10; vol. 6; undrs. rating, 4 $\frac{1}{2}$ class.

Water Supply—Src., Sugar Creek, $\frac{1}{4}$ m. bus. cent.; sys., grav. & dir. pres.; 1 res., cap., 125,000 gals.; 2 pump. eng., class dup., cap. day, 1,015,200 gals.; mains, c. l., 5 $\frac{1}{2}$ m., 4 to 6 in. dia.; 22 hyd.; pres., dom. & f. 60 to 65 lbs.; wks. owned by city.

MULBERRY, p. 997; f. area, $\frac{1}{4}$ sq. m.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; vol.; undrs. rating, 4 $\frac{1}{2}$ class.

Water Supply—Src., wells, 300 ft. bus. cent.; sys., grav. & dir. pres.; res. cap., 100,000 gals.; stdp. cap., 50,000 gals.; dim., 20 x 25; mat., stl.; 2 pump. eng., class comp. dup.; cap. day, 1,000,000 gals.; mains, c. l., 2 $\frac{1}{2}$ m., 2 to 8 in. dia.; 25 hyd.; 34 v.; 47 met.; 281 serv.; pres., dom. 60 lbs.; f. 145 lbs.; cons. day, 60,000 gals.; cost, \$30,000; cost mtce., \$2,800; wks. owned by city.

MULVANE, p. 1,000. F. dept.—4 c. ex., 1 c. eng. with 150 ft. of c. hose, 2 hose reels, 1 h. & l. trk., extension ladders, hooks, axes, &c.; 1,000 ft. cot., rub. lined, hose; f. al., telp. & wh.; val. equip., \$2,385; tot. mem., 35 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; stdp. cap., 45,000 gals.; dim., 18 ft. x 20 ft. mat., stl.; 1 pump. eng., class trip., cap. 350 gals. min.; mains, 4 m., 4 to 8 in. dia.; mat., c. l.; 35 hyd.; pres., dom. 45 to 50 lbs.; cons. day, 60,000 gals.; wks. owned by city.

NEODESHA, p. 2,872; f. area, 100 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 $\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 3,500 ft.; f. al., Gamewell elec. & telp.; val. equip., \$5,700; val. bldgs., \$3,500; tot. mem., 31 vol.; undrs. rating, third class.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; res. cap., 2,000,000 gals.; sys., pump dir., 3 pump. eng.; class comp. dup.; cap. day, 3,250,000 gals.; mains, wrt. l., 8.6 m., 4 to 8 in. dia.; 50 hyd.; 20 v.; 80 met.; pres., dom. 60 lbs.; f. 125 lbs.; cost, \$40,000; cost mtce., \$3,000; wks. owned by city.

NEWTON, p. 7,862; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, 4,000 ft.; f. al., bell & telp.; val. equip., \$3,745; val. bldgs., \$900; exp. dept., \$1,800; tot. mem., 3, pd. full time.

Water Supply—Src., wells, 8 m. bus. cent.; sys., pump to stdp.; stdp. cap., 635,000 gals.; dim., 30 x 125; mat., iron; res. cap., 400,000 gals.; loc. near pump. sta.; 2 pump. eng., class dup., cap. day 4,000,000 gals.; mains, c. l., 35 m., 4 to 12 in. dia.; 125 hyd.; 14 v.; met., 550; 1,200 serv.; pipe, galv. l.; pres., dom. 50 lbs.; f. 150 lbs.; cons. day, 1,000,000 gals.; cost, \$400,000; cost mtce., \$7,000; wks. owned by city.

NICKERSON, p. 1,195; f. area, 320 a.; merc. bldgs., bk., 3 stor.; wd. rfs. or conn. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 350 ft.; val. equip., \$1,200; val. bldgs., \$1,000; exp. dept., \$80.

Water Supply—Src., wells & cisterns.

NORTON, p. 1,787; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,000; tot. mem., 36 vol.

Water Supply—Src., wells, 1,200 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., \$4,500 gals.; dim., 12 x 100; mat., stl.; res. cap., 30,000,000 gals.; loc. on hill above city; 5 pump.

eng. cap. day 3,000,000 gals.; mains, c. i., 6 m., 4 to 12 in. dia.; 39 hyd.; 50 v.; 380 serv.; 380 met.; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 200,000 gals.; cost, \$72,000; cost mtce., \$4,800; wks. owed by city.

OAKLEY, p. 750; f. area, $1\frac{1}{4}$ sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., telp. & bell; val. equip., \$1,000; tot. mem., 12 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; stdp. cap., 70,000 gals.; dim., 20 x 22; mat., stl.; 2 pump. eng., cap. day 216,000 gals.; mains, 4 m., 4 to 8 in. dia.; 35 hyd.; pres., dom. 45 to 50 lbs., f. 75 lbs.; wks. owned by city.

OVERLIN, p. 1,157; f. area, $\frac{1}{2}$ sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., telp. & bell; val. equip., \$2,000; tot. mem., 25 vol., pd. \$1 per ft.; undrs. rating, class 4½.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav. & dir.; stdp. cap., 85,000 gals.; dim., 12 x 100; mat., stl.; 5 pump. eng., cap. day 2,469,600 gals.; mains, 3 m., 4 to 12 in. dia., c. i.; hyd., 32; pres., dom. 50 to 70 lbs., f. 100 lbs.; cons. day, 17,000 gals. in winter, 127,000 in summer; wks. owned by city.

OLATHE, p. 3,272; f. area, 12 sq. m.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose cart.; hose, cot., rub. lined, gd., 1,850 ft.; f. al., bell & telp.; val. equip., \$8,600; val. bldgs., \$2,000; exp. dept., \$431; tot. mem., 10, pd. full time 1, vol. 9.

Water Supply—Src., surface water & spr.; sys., pump dir. pres.; stdp. cap., 100,000 gals.; res. cap., 36,000,000 gals.; 2 pump. eng., class dup., cap. min. 750 gals.; mains 11.5 m., 2 to 8 in. dia.; 53 hyd.; 16 v.; met., 410; serv. pipe, lead & iron; pres., dom. 65 lbs., f. 90 to 120 lbs.; cost, \$50,000; cost mtce., \$2,000; wks. owned by city.

ONAGA, p. 800; f. area, $\frac{1}{2}$ sq. m.; merc. bldgs., bk., stn. & wd., 1 to 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand pump, 1 c. eng., 2 hand hose carts; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell, vol.

Water Supply—Src., creek, 1 m. bus. cent.; sys., grav.; stdp. cap., 60,000 gals.; dim., 25 x 16; mat., stl.; 1 pump. eng., class trip., cap. day 22,800 gals.; mains, 3 m., 4 to 6 in. dia.; 23 hyd.; pres., dom. 60 to 65 lbs., f. 60 to 65 lbs.; wks. owned by city.

OSAGE CITY, p. 2,432; f. area, 1 sq. m.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm.; combt. ord. F. dept.—1 c. eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 700 ft.; tot. hose, 1,900 ft.; f. al., wh. & telp.; val. equip., \$3,500; val. bldgs., \$5,000; exp. dept., \$500; tot. mem., 13 vol.; undrs. rating, third class.

Water Supply—Src., artificial res.; sys., grav. & dir.; stdp. cap., 70,000 gals.; mat., stl.; dim., 20 x 22; 2 pump. eng., class trip., cap. day 1,132,000 gals.; 1 elec. centrif. pump, cap. day 1,296,000 gals.; mains, 10 m., 4 to 10 in. dia.; mat., c. i.; 72 hyd.; 33 v.; 350 met.; 350 serv.; pres., dom. 38 to 47 lbs., f. 150 lbs.; wks. owned by city.

OSAWATOMIE, p. 4,046; f. area, 300 a.; merc. bldgs., bk., 1 to 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart.; hose, cot., rub. lined, gd., 1,400 ft.; rub. gd., 100 ft.; tot. hose, 1,500 ft.; f. al., bell & wh., val. equip., \$2,490; val. bldgs., \$6,000; exp. dept., \$22.25; tot. mem., 22 vol.; undrs. rating, fourth class.

Water Supply—Src., riv., 6 blocks bus. cent.; sys., pump dir.; res. cap., 2,050,000 gals.; loc. at station; 4 pump. eng., cap. day, 600,000 gals.; mains, c. i., $6\frac{1}{2}$ m., 4 to 10 in. dia.; 55 hyd.; 26 v.; 211 met.; 89 serv.; pipe, galv. i. & lead; pres., dom. 60 lbs., f. 60 to 160 lbs.; cons. day, 500,000

gals.; cost, \$48,026; cost mtce., \$6,000; wks. owned by city.

OSBORNE, p. 1,566; f. area, 300 a.; merc. bldgs., stn. & bk., 1 to 2 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 supply wag., 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; inf., 600 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$1,500; exp. dept., \$2,000; tot. mem., 25 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., class dup. & trip., pump dir.; stdp. cap., 82,000 gals.; 2 pump. eng., cap. day, 684,000 gals.; mains, 3 m., 4 to 6 in. dia.; 30 hyd.; met., 65; 150 serv.; pipe, iron; pres., dom. 40 lbs., f. 40 to 100 lbs.; cons. day, 60,000 gals.; cost, \$18,000; cost mtce., \$1,200; wks. owned by city.

OSKALOOSA, p. 851; f. area, 4 blocks; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 400 ft.; inf., 150 ft.; tot. hose, 550 ft.; f. al., bell; val. equip., \$1,700; val. bldgs., \$2,000; exp. dept., \$300; tot. mem., 14 vol.; undrs. rating, third class.

Water Supply—Src., cisterns, 500 bbls. each.

OSWEGO, p. 2,817; merc. bldgs., bk., 1 & 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—13 hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., elec., 2 bx.; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$250; tot. mem., 15 vol.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 85,000 gals.; 3 pump. eng., cap. day 1,500,000 gals.; mains, 8 m., 4 to 10 in. dia.; 74 hyd.; 28 v.; 300 serv.; pipe, galv. i.; pres., dom. 40 to 60 lbs., f. 140 to 150 lbs.; cons. day, 360,000 gals.; cost, \$70,000; cost mtce., \$3,000; wks. owned by Co.

OTTAWA, p. 7,650; f. area, 1,600 a.; merc. bldgs., bk. & stn., 1 to 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 c. eng., 2 c. hand ex., 2 hose wag., 1 hose cart. 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; fatr, 600 ft.; tot. hose, 2,600 ft.; f. al., telp.; val. equip., \$5,000; val. bldgs., \$6,200; exp. dept., \$2,271; tot. mem., 17, pd. full time 2, pd. part time 1, 14 vol.

Water Supply—Src., Marias Des Oygnes riv.; sys., dir. pres.; res. cap., 5,000,000 gals.; stdp. cap., 60,000 gals.; 2 pumps, class comp. dup., cap. 2,000,000 gals.; mains, 17 m., 4 to 10 in. dia.; 128 hyd.; pres., dom. 65 to 75 lbs., f. 110 lbs.; 1,000 serv.; cons. day, 800,000 gals.; cost, \$125,000; wks. owned by city.

OXFORD, p. 650; f. area, $\frac{3}{4}$ sq. m. F. dept.—1 hand hose reel, 2 c. eng., 500 ft. hose; f. al., bell, vol.

Water Supply—Src., wells, in bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; 1 pump. eng., cap. day 216,000 gals.; mains, 3 m., 4 to 6 in. dia.; 27 hyd.; wks. owned by city.

PAOLA, p. 3,207; f. area, 300 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., stn., bk. & wd., $1\frac{1}{4}$ stor.; wd. ris. not perm. in f. area. F. dept.—1 hand h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$1,500; tot. mem., 14 vol.

Water Supply—Src., creek; sys., pump to res., to stdp. & dir.; stdp. cap., 96,000 gals.; res. cap., 2,000,000 gals.; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, $7\frac{1}{4}$ m., 4 to 10 in. dia.; 73 hyd.; pres., dom. 55 lbs., f. 120 lbs.; wks. owned by city.

PARSONS, p. 13,600; f. area, 640 a.; merc. bldgs., bk., 1 to 5 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 8 c. hand ex., 2 hose wag., 1 auto. aer. trk., 8 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell sys. & telp. bell & elec., 24 bx.; val. equip., \$8,000; val. bldgs., \$8,000; exp. dept., \$2,785; tot. mem., 10, pd. full time 8, pd. part time 2.

Water Supply—Src., riv., 9 m. bus. cent.; sys., grav. & dir. pres.; stdp. cap., 30,000 gals.; dim., 20 x 160; loc. in city; mat., stl.; 2 res., No. 1

pump to res. & dir.; res. cap., 690,074 gals.; dim., 12 x 62 x 62; mat., stn. & conc.; 2 pump. eng., class comp., cap. day 1,500,000 gals.; mains, c. & galv. l., 10 m., 4 to 10 in. dia.; 68 hyd.; 52 v.; met., 500; 550 serv.; pipe, galv. l.; pres., dom. 80 to 90 lbs.; cons. day, 500,000 gals.; cost, \$62,000; cost mtce., \$3,000; wks. owned by city.

MANKATO, p. 1,300; f. area, $\frac{1}{2}$ sq. m.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 hand hose reels, 1 h. & l. trk., 3 ladders, 2 pikes, 1 ax, 10 pails, 1,000 ft. new hose, 800 ft. old hose; tot. hose, 1,600 ft.; f. al., bell & telp.; val. equip., \$1,400; tot. mem., 15 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav. & dir.; stdp. cap., 67,000 gals.; dim., 12 x 80; mat., iron; 2 pump. eng.; mains, 4 to 8 in. dia.; 35 hyd.; pres., 43 lbs.; wks. owned by municipality.

MARION, p. 1,841; f. area, 640 a.; bldgs., stn. & wd., 2 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; tot. mem., 17 vol.; undrs. rating, fourth class.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 42,000 gals.; dim., 20 x 20; mat., stl. & wd.; 2 pump. eng., class comp. & h. d., cap. day 2,000,000 gals.; mains, wrt. l., 6 m., 4 to 12 in. dia.; 52 hyd.; 30 v.; 300 serv.; pipe, galv. l.; pres., dom. 50 to 60 lbs.; f. 60 to 140 lbs.; cons. day, 200,000 gals.; cost, \$65,000; cost mtce., \$6,000; wks. owned by Co.

MARYSVILLE, Marshall Co., p. 2,260 f. area, 1 sq. m.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 2 $\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 auto. comb. trk., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,800 ft. inf., 450 ft.; tot. hose, 2,250 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$5,500; tot. mem., 40 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 57,750 gals.; dim., 10 x 100; mat., stl.; 3 pump. eng., class comp., cap. day 1,750,000 gals.; mains, c. l., 5 $\frac{1}{2}$ m., 4 to 10 in. dia.; 54 hyd.; 22 v.; met., 75; 183 serv.; pipe, c. l.; pres., dom. 85 lbs.; f. 100 lbs.; cost, \$50,000; cost mtce., \$2,900; wks. owned by Co.

MEDICINE LODGE, p. 1,229; f. area, 5 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 1 $\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 600 ft.; f. al., telp. & elec., 1 bx.; val. bldgs., \$1,000; tot. mem., 15 vol.

Water Supply—Src., creek; sys., grav. & dir.; res. cap., 275,000 gals.; 2 pump. eng., cap. min. 872 gals.; mains, 4 $\frac{1}{2}$ m., 4 to 8 in. dia.; 30 hyd.; 16 v.; 116 serv.; pres., dom. 20 to 40 lbs.; f. 90 lbs.; wks. owned by city.

MILTONVALE, p. 1,200; f. area, 600 a. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,700 val. bldgs., \$50; vol.

Water Supply—Src., 2 wells, in bus. cent.; sys., dir. pres.; stdp. cap., 50,000 gals.; 2 pump. eng.; cap. day, 288,000 gals.; mains, 5 m., 2 to 6 in. dia.; 21 hyd.; 21 v.; 70 serv.; 70 met.; pres., dom. & f., 60 lbs.; cons. day, 20,000 gals.; cost, \$35,000; cost mtce., \$1,000; wks. owned by city.

MINNEAPOLIS, p. 1,895; f. area, 100 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 1,300 ft.; inf., 400 ft.; tot. hose, 3,700 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$6,000; exp. dept., \$150; tot. mem., 52 vol.; undrs. rating, third class.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., grav., pump to stdp.; stdp. cap., 250,000 gals.; dim., 20 x 85; 2 pump. eng., class comp., cap. day, 2,250,000 gals.; mains, 6 $\frac{1}{2}$ m., 4 to 10 in. dia.; 61 hyd.; 26 v.; 500 met.; pres., dom. 68 lbs.; f. 125 lbs.; cons. day, 100,000 gals.; cost, \$92,000; cost mtce., \$3,000; wks. owned by city.

MOLINE, p. 808; f. area, $\frac{1}{2}$ sq. m. F. dept.—1 h. & l. trk., 1 hose reel, 1 c. eng.; 750 ft. hose; f. al., bell; val. equip., \$1,400; tot. mem., 20 vol.

Water Supply—Src., well, in bus. cent.; sys., grav. & dir. pres.; stdp. cap., 60,000 gals.; 1 pump. eng., class trip., cap. day 216,000 gals.; mains, c.

l., 1.63 m., 4 to 8 in. dia.; 22 hyd.; pres., 46 to 52 lbs.; wks. owned by city.

MOUND CITY, p. 698; f. area, 320 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 900 ft.; f. al., elec. 2 bx.; val. equip., \$1,500; val. bldgs., \$300; exp. dept., \$1,000; tot. mem., 16, pd. part time 10; vol. 6; undrs. rating, 4 $\frac{1}{2}$ class.

Water Supply—Src., Sugar Creek, $\frac{1}{4}$ m. bus. cent.; sys., grav. & dir. pres.; 1 res., cap., 125,000 gals.; 2 pump. eng., class dup., cap. day, 1,015,200 gals.; mains, c. l., 5 $\frac{1}{2}$ m., 4 to 6 in. dia.; 22 hyd.; pres., dom. & f. 60 to 65 lbs.; wks. owned by city.

MULBERRY, p. 997; f. area, $\frac{1}{2}$ sq. m.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; vol.; undrs. rating, 4 $\frac{1}{2}$ class.

Water Supply—Src., wells, 300 ft. bus. cent.; sys., grav. & dir. pres.; res. cap., 100,000 gals.; stdp. cap., 50,000 gals.; dim., 20 x 25; mat., stl.; 2 pump. eng., class comp. dup.; cap. day, 1,000,000 gals.; mains, c. l., 2 $\frac{1}{2}$ m., 2 to 8 in. dia.; 26 hyd.; 34 v.; 47 met.; 231 serv.; pres., dom. 60 lbs.; f. 145 lbs.; cons. day, 60,000 gals.; cost, \$30,000; cost mtce., \$2,800; wks. owned by city.

MULVANE, p. 1,000. F. dept.—4 c. ex., 1 c. eng. with 150 ft. of c. hose, 2 hose reels, 1 h. & l. trk., extension ladders, hooks, axes, &c.; 1,000 ft. cot., rub. lined, hose; f. al., telp. & wh.; val. equip., \$2,385; tot. mem., 35 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; stdp. cap., 45,000 gals.; dim., 18 ft. x 20 ft.; mat., stl.; 1 pump. eng., class trip., cap. 350 gals. min.; mains, 4 m., 4 to 8 in. dia.; mat., c. l.; 35 hyd.; pres., dom. 45 to 50 lbs.; cons. day, 60,000 gals.; wks. owned by city.

NEODESHA, p. 2,872; f. area, 100 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 $\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 3,500 ft.; f. al., Gamewell elec. & telp.; val. equip., \$5,700; val. bldgs., \$3,500; tot. mem., 31 vol.; undrs. rating, third class.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; res. cap., 2,000,000 gals.; sys., pump dir., 3 pump. eng.; class comp. dup.; cap. day, \$250,000 gals.; mains, wrt. l., 8.6 m., 4 to 8 in. dia.; 50 hyd.; 30 v.; 80 met.; pres., dom. 60 lbs.; f. 125 lbs.; cost, \$40,000; cost mtce., \$8,000; wks. owned by city.

NEWTON, p. 7,862; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, 4,000 ft.; f. al., bell & telp.; val. equip., \$3,745; val. bldgs., \$900; exp. dept., \$1,800; tot. mem., 3, pd. full time.

Water Supply—Src., wells, 8 m. bus. cent.; sys., pump to stdp.; stdp. cap., 635,000 gals.; dim., 30 x 125; mat., iron; res. cap., 400,000 gals.; loc. near pump. sta.; 2 pump. eng., class dup., cap. day 4,000,000 gals.; mains, c. l., 25 m., 4 to 12 in. dia.; 125 hyd.; 14 v.; met., 856; 1,200 serv.; pipe, galv. l.; pres., dom. 50 lbs.; f. 150 lbs.; cons. day, 1,000,000 gals.; cost, \$400,000; cost mtce., \$7,000; wks. owned by city.

NICKERSON, p. 1,195; f. area, 320 a.; merc. bldgs., bk., 2 stor.; wd. rfs. or cem. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 350 ft.; val. equip., \$1,200; val. bldgs., \$1,000; exp. dept., \$30.

Water Supply—Src., wells & cisterns.

NORTON, p. 1,787; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,000; tot. mem., 36 vol.

Water Supply—Src., wells, 1,200 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 84,500 gals.; dim., 12 x 100; mat., stl.; res. cap., 20,000,000 gals.; loc. on hill above city; 5 pump.

eng., cap. day 3,000,000 gals.; mains, c. i., 6 m., 4 to 12 in. dia.; 39 hyd.; 50 v.; 380 serv.; 380 met.; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 200,000 gals.; cost, \$72,000; cost mtce., \$4,800; wks. owned by city.

OAKLEY, p. 750; f. area, $1\frac{1}{4}$ sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 2 hose reels; hose, cot., rub. lined, gd., 1,800 ft.; f. al., telp. & bell; val. equip., \$1,000; tot. mem., 12 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys. dir. pres.; stdp. cap., 70,000 gals.; dim., 20 x 22; mat., stl.; 2 pump. eng., cap. day 216,000 gals.; mains, 4 m., 4 to 8 in. dia.; 35 hyd.; pres., dom. 45 to 60 lbs., f. 75 lbs.; wks. owned by city.

OVERLIN, p. 1,157; f. area, $\frac{1}{4}$ sq. m.; merc. bldgs., bk. & wd., 1 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., telp. & bell; val. equip., \$2,000; tot. mem., 25 vol., pd. \$1 per f.; undrs. rating, class 4 $\frac{1}{2}$.

Water Supply—Src., wells, 1 m. bus. cent.; sys. grav. & dir.; stdp. cap., 85,000 gals.; dim., 12 x 100; mat., stl.; 5 pump. eng., cap. day 2,469,600 gals.; mains, 8 m., 4 to 12 in. dia., c. i.; hyd., 32; pres., dom. 50 to 70 lbs., f. 100 lbs.; cons. day, 17,000 gals. in winter, 127,000 in summer; wks. owned by city.

OLATHE, p. 3,272; f. area, 12 sq. m.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,850 ft.; f. al., bell & telp.; val. equip., \$6,600; val. bldgs., \$2,000; exp. dept., \$431; tot. mem., 10, pd. full time 1, vol. 9.

Water Supply—Src., surface water & spr.; sys., pump dir. pres.; stdp. cap., 100,000 gals.; res. cap., 36,000,000 gals.; 2 pump. eng., class dup., cap. min. 750 gals.; mains 11.5 m., 2 to 8 in. dia.; 63 hyd.; 16 v.; met., 410; serv. pipe, lead & iron; pres., dom. 65 lbs., f. 90 to 120 lbs.; cost, \$50,000; cost mtce., \$2,000; wks. owned by city.

ONAGA, p. 800; f. area, $\frac{1}{4}$ sq. m.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand pump, 1 c. eng., 2 hand hose carts; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell, vol.

Water Supply—Src., creek, 1 m. bus. cent.; sys., grav.; stdp. cap., 60,000 gals.; dim., 25 x 16; mat., stl.; 1 pump. eng., class trip., cap. day 22,800 gals.; mains, 3 m., 4 to 6 in. dia.; 23 hyd.; pres., dom. 60 to 65 lbs., f. 60 to 65 lbs.; wks. owned by city.

OSAGE CITY, p. 2,432; f. area, 1 sq. m.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm.; combt. ord. F. dept.—1 c. eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,200 ft.; inf., 700 ft.; tot. hose, 1,900 ft.; f. al., wh. & telp.; val. equip., \$3,500; val. bldgs., \$5,000; exp. dept., \$500; tot. mem., 13 vol.; undrs. rating, third class.

Water Supply—Src., artificial res.; sys., grav. & dir.; stdp. cap., 70,000 gals.; mat., stl.; dim., 20 x 23; 2 pump. eng., class trip., cap. day 1,132,000 gals.; 1 elec. centrif. pump, cap. day 1,296,000 gals.; mains, 10 m., 4 to 10 in. dia.; mat., c. i.; 72 hyd.; 33 v.; 350 met.; 350 serv.; pres., dom. 38 to 47 lbs., f. 150 lbs.; wks. owned by city.

OSAWATOMIE, p. 4,046; f. area, 300 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 $\frac{1}{2}$ stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; rub., gd., 100 ft.; tot. hose, 1,500 ft.; f. al., bell & wh., val. equip., \$2,490; val. bldgs., \$6,000; exp. dept., \$22.25; tot. mem., 22 vol.; undrs. rating, fourth class.

Water Supply—Src., riv., 6 blocks bus. cent.; sys., pump dir.; res. cap., 2,050,000 gals.; loc. at station; 4 pump. eng., cap. day, 600,000 gals.; mains, c. i., 6 $\frac{1}{2}$ m., 4 to 10 in. dia.; 55 hyd.; 26 v.; 211 met.; 89 serv.; pipe, galv. i. & lead; pres., dom. 60 lbs., f. 60 to 160 lbs.; cons. day, 500,000

gals.; cost, \$48,026; cost mtce., \$6,000; wks. owned by city.

OSBORNE, p. 1,566; f. area, 300 a.; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 supply wag., 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; inf., 600 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$1,500; exp. dept., \$2,000; tot. mem., 25 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., class dup. & trip., pump dir.; stdp. cap., 82,000 gals.; 2 pump. eng., cap. day, 884,000 gals.; mains, 8 m., 4 to 6 in. dia.; 30 hyd.; met., 65; 150 serv.; pipe, iron; pres., dom. 40 lbs., f. 40 to 100 lbs.; cons. day, 60,000 gals.; cost, \$18,000; cost mtce., \$1,200; wks. owned by city.

OSKALOOSA, p. 851; f. area, 4 blocks; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 400 ft.; inf., 150 ft.; tot. hose, 550 ft.; f. al., bell; val. equip., \$1,700; val. bldgs., \$2,000; exp. dept., \$800; tot. mem., 14 vol.; undrs. rating, third class.

Water Supply—Src., cisterns, 500 blbs. each.

OSWEGO, p. 2,317; merc. bldgs., bk., 1 & 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—18 hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., elec., 2 bx.; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$250; tot. mem., 15 vol.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 85,000 gals.; 3 pump. eng., cap. day 1,500,000 gals.; mains, 8 m., 4 to 10 in. dia.; 74 hyd.; 28 v.; 300 serv.; pipe, galv. i.; pres., dom. 40 to 60 lbs., f. 140 to 150 lbs.; cons. day, 300,000 gals.; cost, \$70,000; cost mtce., \$3,000; wks. owned by Co.

OTTAWA, p. 7,650; f. area, 1,600 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 c. eng., 2 c. hand ex., 2 hose wag., 1 hose cart, 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; fahr, 600 ft.; tot. hose, 2,600 ft.; f. al., telp.; val. equip., \$5,000; val. bldgs., \$6,200; exp. dept., \$2,271; tot. mem., 17, pd. full time 2, pd. part time 1, 14 vol.

Water Supply—Src., Marias Des Cygnes riv.; sys., dir. pres.; res. cap., 5,000,000 gals.; stdp. cap., 60,000 gals.; 2 pumps, class comp. dup., cap. 2,000,000 gals.; mains, 17 m., 4 to 10 in. dia.; 128 hyd.; pres., dom. 65 to 75 lbs., f. 110 lbs.; 1,000 serv.; cons. day, 800,000 gals.; cost, \$125,000; wks. owned by city.

OXFORD, p. 650; f. area, $\frac{1}{2}$ sq. m. F. dept.—1 hand hose reel, 2 c. eng., 500 ft. hose; f. al., bell; vol.

Water Supply—Src., wells, in bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; 1 pump. eng., cap. day 216,000 gals.; mains, 8 m., 4 to 6 in. dia.; 27 hyd.; wks. owned by city.

PAOLA, p. 3,207; f. area, 300 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., stn., bk. & wd., 1 $\frac{1}{2}$ stor.; wd. ris. not perm. in f. area. F. dept.—1 hand h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$1,500; tot. mem., 14 vol.

Water Supply—Src., creek; sys., pump to res., to stdp. & dir.; stdp. cap., 96,000 gals.; res. cap., 2,000,000 gals.; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, $7\frac{1}{2}$ m., 4 to 10 in. dia.; 73 hyd.; pres., dom. 55 lbs., f. 120 lbs.; wks. owned by city.

PARSONS, p. 13,606; f. area, 640 a.; merc. bldgs., bk., 1 to 6 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 3 c. hand ex., 2 hose wag., 1 auto. aer. trk., 8 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell sys. & telp., bell & elec., 24 bx.; val. equip., \$8,000; val. bldgs., \$8,000; exp. dept., \$2,785; tot. mem., 10, pd. full time 8, pd. part time 2.

Water Supply—Src., riv., 9 m. bus. cent.; sys., grav. & dir. pres.; stdp. cap., 30,000 gals., dim. 20 x 160; loc. in city; mat., stl.; 2 res., No. 1

cap. 1,500,000 gals., No. 2 cap. 15,000,000 gals.; pump. eng., class cross-comp., comp. dup. & trip., comb. cap. day 11,333,000 gals.; mains, c. i., 27 m., 4 to 14 in. dia.; 141 hyd.; 50 v.; met., 1,160; 2,800 serv.; pipe, lead & galv. i.; pres., dom. 70 lbs.; f. 120 lbs.; cons. day, 2,250,000 gals.; cost, \$270,000; wks. owned by Co.

PARYSVILLE, p. 2,260; f. area, 1 sq. m.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hand hose carts, 1 in reserve, 1 hand h. & 1 trk.; hose, rub. lined, gd., 2,200 ft.; linen lined, 400 ft.; tot. hose, 2,600 ft.; f. al., bell; val. equip., \$2,575; tot. mem., 40 vol.; undra. rating, fourth class.

Water Supply—Src., well & river, $\frac{1}{4}$ blocks bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 60,000 gals.; dim., 10 x 100; mat., iron; 3 pump. eng., class, comp., dup. & trip.; cap. day, 2,279,080 gals.; mains, c. i., $7\frac{1}{2}$ m.; 4 to 10 in. dia.; 57 hyd.; pres., dom. 70 lbs.; f. 90 lbs.; cons. day 125,000 gals.; wks. owned by priv. Co.

PEABODY, p. 1,416; f. area, $\frac{1}{4}$ sq. m.; merc. bldgs., stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hose carts; hose, rub., gd., 900 ft.; 300 ft. in reserve; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$1,700; val. bldgs., \$5,000; tot. mem., 16 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., grav., pump to res.; res. cap., 60,000 gals.; 2 pump. eng., class, trip.; cap. day, 432,400 gals.; mains, c. i., 3 m., 4 to 8 in. dia.; 40 hyd.; met., 1; 65 serv.; pres., dom. 50 lbs.; f. 50 lbs.; cons. day, 20,000 gals.; cost, \$20,000; cost mtce., \$500; wks. owned by city.

PHILLIPSBURG, p. 1,802; f. area, 2,400 a.; merc. bldgs., bk., cem. & stn., 1 & 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk.; hose, cot., rub. lined, gd., 1,350 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$100; tot. mem., 21 vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 103,680 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. i., $6\frac{1}{2}$ m., 2 to 6 in. dia.; 30 hyd.; 10 v.; met., 6; 111 serv.; pres., dom. 35 lbs.; f. 35 to 100 lbs.; cost, \$40,000; cost mtce., \$3,000; wks. owned by city.

PITTSBURG, p. 14,755; f. area, 4 sq. m.; merc. bldgs., bk. & iron, 1 to 4 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 6 c. hand ex., 2 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 800 ft.; tot. hose, 3,800 ft.; f. al., Gamewell & telp., 8 bx.; val. equip., \$9,155; val. bldgs., \$11,000; tot. mem., 12, pd. full time 11, vol. 1.

Water Supply—Src., well, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 27 x 25; mat., stl.; res. cap., 2,500,000 gals.; loc. at station; 3 pump. eng., cap. day 5,250,000 gals.; mains, c. i., 46 m., 4 to 12 in. dia.; 274 hyd.; 264 v.; met., 1,061; 4,200 serv.; pipe, galv. i. & lead; pres., dom. 45 lbs.; f. 110 lbs.; cons. day, 1,250,000 gals.; cost, \$306,000; wks. owned by city.

PLAINVILLE, p. 1,090; f. area, $1\frac{1}{4}$ sq. m.; merc. bldgs., bk. & wd.; no fwks. & combt. ord. F. dept.—3 hose carts, 1 c. eng., 1,500 ft. cot., rub. lined, hose; f. al., wh. & telp.; val. equip., \$2,350; val. bldgs., \$600; tot. mem., 23 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 30,000 gals.; mat., stl.; 1 pump. eng., class trip.; mains, $5\frac{1}{2}$ m., 2 to 6 in. dia.; 27 hyd.; pres., dom. 47 lbs.; f. 125 lbs.; wks. owned by city.

PLEASANTON, p. 1,373; f. area, 160 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 hose wag.; hose, rub., gd., 1,000 ft.; inf., 400 ft.; tot. hose, 1,400 ft.; f. al., telp. & bell; val. equip., \$1,300; val. bldgs., \$2,500; exp. dept., \$200; tot. mem., 12 vol.

Water Supply—Src., lake, $1\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 150,000 gals.; loc. cent. city; 1 pump. eng., class dup., cap. day 50,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 54 hyd.; 7 v.; 18 met.; pres., dom. 50 lbs.; f. 60 lbs.; cons. day, 40,000 gals.; cost, \$32,000; cost mtce., \$1,200; wks. owned by city.

PRATT, p. 3,302; f. area, 100 a.; merc. bldgs.,

bk. & stn., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. ord. F. dept.—1 comb. c. & 1 trk., 2 hrs.; hose, cot., rub. lined, gd., 700 ft.; f. al., telp. & bell; val. equip., \$3,000; val. bldgs., \$6,000; tot. mem., 15, pd. full time 1, vol. 14.

Water Supply—Src., wells, 4 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals.; mat., stl.; 2 pump. eng., cap. day, 120,000 gals.; mains, c. i., 3 m., 4 to 6 in. dia.; 96 hyd.; 45 v.; met., 450; 500 serv.; pres., dom. 60 lbs.; f. 75 lbs.; cons. day, 100,000 gals.; cost mtce., \$3,500; wks. owned by city.

ROSEDALE, p. 5,980; f. area, 4 sq. m.; merc. bldgs., stn., bk. & wd.; wd. rfs. perm. F. dept.—1 comb. hose & ladder trk.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., telp.; exp. dept., \$250; tot. mem., 8 vol.; undra. rating, third class.

Water Supply—Src., creek & wells (supplied by Kansas City, Mo., Waterwks.); sys., pump to mains; mains, 22 m., 4 to 8 in. dia.; 125 hyd.; 240 v.; met., 1,350; 1,418 serv.; pres., dom. & L, 40 to 125 lbs.; cons. day, 500,000 gals.; cost, \$90,000; cost mtce., \$3,000; wks. owned by city.

RUSSELL, p. 1,692; f. area, 160 a.; merc. bldgs., stn. & wd., 1 to 3 stor.; priv., stn. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 c. eng. on wks., 2 hand hose reels, 4 c. hand ex., 1 h. & 1 trk.; hose, rub. gd., 1,000 ft.; c. gd., 300 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,500; tot. mem., 50 vol.

Water Supply—Src., creek, $2\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; dim., 20 x 30; mat., stl.; 3 pump. eng., cap. day 1,728,000 gals.; res. cap., 100,000,000 gals.; mains, c. i., 7 m., 4 to 8 in. dia.; 40 hyd.; 160 serv.; pres., dom. 50 lbs.; f. 125 lbs.; wks. owned by city.

SABETHA, p. 1,768; f. area, 12 a.; merc. bldgs., wd., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 hand eng., 3 hose carts, 3 hand ex., 1 h. & 1 trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 300 ft.; tot. hose, 1,800 ft.; f. al., Gamewell, elec., 2 bx.; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$585; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., wells & cisterns in bus. cent.; sys., grav., pump to res., to stdp. & dir.; res. cap., 200,000 gals.; stdp. cap., 70,000 gals.; dim., 20 x 30; mat., stl.; 6 pump. eng., cap. day 1,440,000 gals.; mains, c. i., 9 m., 4 to 10 in. dia.; 72 hyd.; pres., dom. 65 lbs.; f. 175 lbs.; wks. owned by city.

ST. FRANCIS, p. 492; f. area, $\frac{1}{4}$ sq. m.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 1 h. & 1 trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp. & bell; val. equip., \$1,300; tot. mem., 33 vol.; undra. rating, $\frac{1}{4}$ class.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., dir. pres.; 1 pump. eng., class trip., cap. day 360,000 gals.; mains, c. i., 3 m., 4 to 6 in. dia.; 12 hyd.; 12 v.; 85 met.; 105 serv.; pres., dom. 40 to 70 lbs.; wks. owned by city.

ST. MARYS, p. 1,397; merc. bldgs., stn. & bk., 3 stor.; priv., stn. & wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 comb. c. & h. wag., 1 c. eng., 12 c. hand ex., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 150 ft.; rub. gd., 100 ft.; inf., 25 ft.; tot. hose, 275 ft.; f. al., bell; val. equip., \$1,600; tot. mem., 30 vol.; undra. rating, fifth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals.; 3 pump. eng., cap. day 432,000 gals.; mains, c. i., 3 m., 4 to 8 in. dia.; 55 hyd.; 12 v.; 170 met.; 178 serv.; pres., dom. & f., 30 to 85 lbs.; cons. day, 15,000 gals.; wks. owned by city.

SALINA, p. 9,688; f. area, 2,500 a.; merc. bldgs., bk. & stn., 1 to 5 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 auto. comb. trk., 1 c. eng., 36 c. hand ex., 1 h. & 1 trk., 2 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; fair, 1,000 ft.; tot. hose, 4,000 ft.; val. equip., \$8,500; val. bldgs., \$4,500; exp. dept., \$800; tot. mem., 16, pd. full time 6, vol. 10.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; res. cap., 250,000 gals.; loc. at station; 2 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 18 m., 4 to 12 in. dia.; 148 hyd.; 80 v.; met., 750; 1,100 serv.; pipe, galv. l.; pres., dom. 43 lbs., f. 100 lbs.; cost, \$200,000; wks. owned by Co.

SCAMMON, p. 2,238; f. area, 320 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—275 hand c. ex., 2 hose cart.; hose, cot., rub. lined, gd., 1,100 ft.; inf., 400 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$350; exp. dept., \$500; tot. mem., 24 vol.

Water Supply—Src., wells; res. cap., 70,000 gals.; wks. owned by city.

SCANDIA, p. 750; f. area, $\frac{1}{2}$ sq. m.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand hose reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav. & dir. pres.; stdp. cap., 82,000 gals.; dim., 12 x 26; mat., stl.; 1 pump. eng., class trip. cap. day 518,400 gals.; mains, 3 m., 4 to 8 in. dia.; 23 hyd.; pres., dom. 40 to 45 lbs., f. 75 lbs.; wks. owned by city.

SCOTT CITY, p. 918; f. area, 1 sq. m. F. dept.—2 hose carts, 1,000 ft. hose; f. al., bell; val. equip., \$1,000; tot. mem., 33 vol.

Water Supply—Src., wells, in bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; 1 pump. eng., cap. day 288,000 gals.; mains, 4 m., 4 to 8 in. dia.; 32 hyd.; pres., 47 to 51 lbs.; wks. owned by city.

SCRANTON, p. 770; bldgs., 1 & 2 stor.; wd. rfa. perm. F. dept.—1 hand eng., 1 h. & l. trk., 1 supply wag., 1 hose cart.; hose, linen, gd., 600 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; vol.

Water Supply—Not reported.

SEDAN, p. 1,211; f. area, 200 a.; merc. bldgs., stn., bk. & wd.; wd. rfa. not perm. F. dept.—1 c. eng., 1 hand h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$160; tot. mem., 16 vol.

Water Supply—Src., wells & cisterna; sys., pump to stdp.; stdp. cap., 117,500 gals.; 2 pump. eng., cap. day 2,240,400 gals.; mains, c. i., 5.87 m., 4 to 6 in. dia.; 89 hyd.; pres., 45 to 77 lbs.; wks. owned by city.

SEDAWICK, p. 826; f. area, $\frac{1}{2}$ sq. m. F. dept.—2 hand hose carts, 1 hand ladder trk., ladders, nozzles, pails, axes, poles, etc., 1,000 ft. hose; f. al., bell & telp.; vol.

Water Supply—Src., wells, in bus. cent.; sys., grav. & dir. pres.; stdp. cap., 50,000 gals.; 2 pump. eng., cap. day 874,400 gals.; mains, 1 m., 4 to 8 in. dia.; 41 hyd.; pres., 53 to 59 lbs.; wks. owned by city.

SENECA, p. 1,806; f. area, 600 a.; merc. bldgs., bk., stn. & wd., 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfa. not perm. in f. area. F. dept.—1 c. eng., 1 h. & l. trk., 4 hose cart.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$500; tot. mem., 36 vol.

Water Supply—Src., well, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 85,000 gals.; dim., 12 x 100; mat., stl.; 2 pump. eng., class stm., cap. day 2,000,000 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 36 hyd.; met., 108; 132 serv.; pres., dom. 44 lbs., f. 100 lbs.; cons. day, 26,000 gals.; cost, \$35,000; cost mtce., \$1,800; wks. owned by city.

SMITH CENTER, p. 1,292; f. area, 620 a.; merc. bldgs., stn., wd. & bk., 1 & 2 stor.; priv., wd., 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—100 c. hand ex., 1 h. & l. trk., 2 hose cart.; hose, cot., rub. lined, gd., 1,200 ft.; val. equip., \$1,500; val. bldgs., \$100; tot. mem., 25 vol.

Water Supply—Src., well, $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir. pres.; stdp. cap., 96,000 gals.; dim., 12 x 110; mat., stl.; res. cap., 100,000,000 gals.; loc. $1\frac{1}{2}$ m. east town; 1 pump. eng., cap. day 145,000 gals.; mains, c. i., 6 m., 6 in. dia.; 28 hyd.; met., 180; 200 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 180 lbs.; cons. day, 75,000 gals.; cost, \$47,000; cost mtce., \$1,000; wks. owned by city.

STAFFORD, p. 1,500; f. area, 1 sq. m.; merc. bldgs., bk., cem. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp. & wh.; val. equip., \$1,400; val. bldgs., \$100; tot. mem., 12 vol.; undra. rating, $4\frac{1}{2}$ class.

Water Supply—Src., wells & river, 1 m. bus. cent.; sys., grav. & dir. pres.; stdp. cap., 50,000 gals.; dim., 20 x 20; mat., stl.; 2 pump. eng., class, comp. & centrif.; cap. day, 1,008,000 gals.; mains, c. i., 7 m.; 4 to 8 in. dia.; 59 hyd.; cons. day, 50,000 gals.; wks. owned by city.

STERLING, p. 2,133; f. area, 600 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 auto. trk., 1 h. & l. trk., 2 hose cart.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., telp.; val. equip., \$5,500; val. bldgs., \$2,000; exp. dept., \$300; tot. mem., 17 vol.

Water Supply—Src., wells; sys., pump dir.; 2 pump. eng., cap. day 2,500,000 gals.; mains, galv. l., 7 m., 2 to 10 in. dia.; 50 hyd.; 21 v.; met., 25; 325 serv.; pres., dom. 20 lbs., f. 80 to 150 lbs.; cons. day, 350,000 gals.; cost, \$60,000; cost mtce., \$3,500; wks. owned by city.

STOCKTON, p. 1,317; f. area, 240 a.; merc. bldgs., bk., 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 900 ft.; inf., 100 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$400; tot. mem., 16 vol.; undra. rating, fourth class.

Water Supply—Src., well, 40 rods bus. cent.; sys., pump to stdp.; stdp. cap., 85,000 gals.; dim., 12 x 100; mat., iron; 2 pump. eng., class comp. dup., cap. day 700,000 gals.; mains, c. & wrt. i., 6 m., 2 to 8 in. dia.; 27 hyd.; met., 250; 270 serv.; pipe, wrt. i. & lead; pres., dom. 85 lbs., f. 85 lbs.; cost, \$40,000; cost mtce., \$2,590; wks. owned by city.

STRONG CITY, p. 762. F. dept.—2 hose carts, 1 c. hand ex.; hose, 1,500 ft.; f. al., bell.

Water Supply—Src., well, $\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 70,000 gals.; 1 pump. eng., cap. day 210,000 gals.; mains, c. i., 4 m., 2 to 8 in. dia.; 29 hyd.; 14 v.; 35 met.; 35 serv.; pres., dom. 4 f., 70 lbs.; cost, \$26,000; wks. owned by city.

ST. PAUL, p. 927; merc. bldgs., bk. & stn. F. dept.—1 c. eng.; hose, cot., rub. lined, gd., 100 ft.; f. al., bell.

Water Supply—Src., wells; no wks.

SYLVAN, p. 464; f. area, $\frac{1}{2}$ sq. m. F. dept.—1 c. eng., 2 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,000 ft.; c., 100 ft.; tot. hose, 1,100 ft.; f. al., bell & telp.; val. equip., \$1,600; tot. mem., 28 vol.; undra. rating, $4\frac{1}{2}$ class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; stdp. cap., 50,000 gals.; dim., 19 x 27; mat., stl.; 2 pump. eng., class trip., cap. 288,000 gals. day; mains, 3 m., 4 to 6 in. dia.; 19 hyd.; 142 met.; 42 serv.; pres., dom. 65 to 75 lbs., f. 75 lbs.; cons. day, 35,000 gals.; cost, \$35,000; cost mtce., \$2,760; wks. owned by city.

SYRACUSE, p. 1,126; f. area, 200 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell, telp. & wh.; val. equip., \$1,250; val. bldgs., \$100; 18 vol.

Water Supply—Src., well, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; dim., 20 x 26; mat., stl.; res. cap., 100,000 gals.; 1 pump. eng., class trip., cap. day 860,000 gals.; mains, 8.8 m., 4 to 8 in. dia.; 27 hyd.; 19 v.; 134 met.; 134 serv.; pipe, galv. l.; pres., dom. 50 to 65 lbs., f. 125 lbs.; cons. day, 30,000 gals.; cost, \$30,000; wks. owned by city.

TOPEKA, p. 43,684; f. area, $8\frac{1}{2}$ sq. m.; merc. bldgs., stn., bk. & conc., 2 to 10 stor.; priv., wd. & bk., 3 to 3 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 auto. comb. c. & h. wag., 1 auto. comb. c. & h. trk., 1 chief's auto., 2 comb. c. & h. wag., 2 c. eng., 15 c. hand ex., 2 h. & l. trk. equipped with motor tractors, 1 aer. trk., 3 hose wag., 1 hose

car. (in reserve), 22 hrs.; hose, cot., rub. lined, gd., 10,650 ft.; c., 950 ft.; tot. hose, 11,600 ft.; f. al., Gamewell, 208 bx.; val. equip., \$60,481; val. bldgs., \$48,740; exp. dept., \$66,000; tot. mem. 54, pd. full time.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump dir. to mains; 3 pump. eng., class dup.; cap. day, 20,000,000 gals.; mains, c. l., 72.83 m., 4 to 18 in. dia.; 633 hyd.; 613 v.; met., 7,475; 7,475 serv.; pipe, wrt. l. & lead; pres., dom. 90 lbs., f. 150 lbs.; cons. day, 2,805,539 gals.; cost, \$926,000; cost mtce., \$40,800; wks. owned by city.

TURON, p. 572; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose cart, nozzles, etc.; hose, cot., rub. lined, gd., 600 ft.; f. al., wh.; val. equip., \$700; vol.; undra. rating, 4 1/2 class.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav. & dir.; stdp. cap. 50,000 gals., dim. 19 x 17 1/2 x 9 1/2; mat. stl.; 1 pump. eng., class dup., cap. day, 504,000 gals.; mains, c. l., 2 1/2 m., 4 to 6 in. dia.; 23 hyd.; pres., dom. 27 to 33 lbs., f. 48 lbs.; wks. owned by city.

VALLEY FALLS, p. 1,129; f. area, 1/4 sq. m.; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 500 ft.; old, 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,650; val. bldgs., \$300; exp. dept., \$100; tot. mem., 15 vol.; undra. rating, fourth class.

Water Supply—Src., 3 spr.; sys., grav., pump to res. & dir.; res. cap., 121,624 gals.; 1 pump. eng., class trip, cap. day 221,760 gals.; mains, c. l., 6 m., 4 to 6 in. dia.; 27 hyd.; 12 v.; 48 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 68 lbs.; cons. day, 30,000 gals.; cost, \$20,000; cost mtce., \$700; wks. owned by city.

VERMILION, p. 400; f. area, 160 a. F. dept.—1 hand eng.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$75; tot. mem., 16 vol.

Water Supply—Src., cistern; sys., dir. pres.; mains, 400 ft., 2 1/2 in. dia.; 3 hyd.

WAKEFIELD, p. 514; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$1,100; tot. mem., 24 vol.

Water Supply—Src., wells, 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals.; mat. stl.; 1 pump. eng., class trip, cap. day 100,000 gals.; mains, c. l., 2 m., 4 to 6 in. dia.; 21 hyd.; 120 met.; 120 serv.; pres., dom. & f., 80 lbs.; cons. day, 15,000 gals.; cost, \$18,000; wks. owned by city.

WAKENNEY, p. 883; f. area, 2 sq. m.; merc. bldgs., bk. & wd.; no fwks. & combt. ord. F. dept.—2 hose carts, 1,000 ft. cot., rub. lined, hose; f. al., bell; val. equip., \$1,050; tot. mem., 22 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 80,000 gals.; mat. stl.; 1 pump. eng.; mains, 4 m., 4 to 6 in. dia.; 30 hyd.; pres., dom. 60 lbs., f. 125 lbs.; wks. owned by city.

WAMEGO, p. 1,714; f. area, 640 a.; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., wd., 3 stor.; wd. rfs. not perm. F. dept.—15 c. hand ex., 1 h. & l. trk., 3 hose wag., 3 hose reels; hose, cot., rub. lined, gd., 1,800 ft.; f. al., automatic bell & wh.; val. equip., \$2,500; val. bldgs., \$2,000; tot. mem., 40 vol.; undra. rating, third class.

Water Supply—Src., wells, 3,000 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 67,000 gals.; dim., 12 x 80; mat. stl.; 2 pump. eng., class comp. dup., cap. day, 826,000 gals.; mains, c. l., 5 1/2 m., 4 to 8 in. dia.; 42 hyd.; 14 v.; 385 met.; 401 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$25,000; cost mtce., \$1,500; wks. owned by city.

WASHINGTON, p. 1,547; f. area, 320 a.; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 24 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 400 ft.; f. al., bell, wh. & elec.; exp. dept., \$130; tot. mem., 20 vol.

Water Supply—Src., Mill Creek Dam, 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 110,000 gals.; dam cap., 50,000,000 gals.; res. cap., 50,000,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 42 hyd.; 15 v.; 200 met.; 300 serv.; pipe, galv. l.; pres., dom. 45 lbs., f. 80 to 130 lbs.; cons. day, 1,000,000 gals.; cost, \$60,000; cost mtce., \$2,500; wks. owned by city.

WATERVILLE, p. 800; f. area, 1 sq. m. F. dept.—2 hand hose carts, 3 c. carts, 1 ladder wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & telp.; val. equip., \$1,400; tot. mem., 22 vol.; undra. rating, 4 1/2 class.

Water Supply—Src., well, 1/4 m. bus. cent.; sys., grav.; stdp. cap., 75,000 gals.; dim. 16 x 26; matl. stl.; 1 pump. eng., cap. day 504,000 gals.; mains, c. l., 2 1/4 m., 4 to 8 in. dia.; 20 hyd.; 16 v.; 40 met.; 39 serv.; pres., dom. 57 lbs., f. 64 lbs.; cons. day, 3,000 gals.; cost, \$20,000; cost mtce., \$600; wks. owned by city.

WAVERLY, p. 800; f. area, 1 1/4 sq. m.; merc. bldgs., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand hose reel, 1 h. & l. trk., 3 hand ex.; hose, cot., rub. lined, gd., 750 ft.; f. al., telp. & bell; val. equip., \$750; val. bldgs., \$150; tot. mem., 31 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; stdp. cap., 33,000 gals.; dim., 15 x 25; mat. stl.; res. cap., 200,000 gals.; 1 pump. eng., class comp. dup., cap. day 662,400 gals.; mains, 2 m., 2 to 6 in. dia.; 13 hyd.; pres., dom. 45 lbs., f. 100 to 125 lbs.; cons. day, 10,000 gals.; wks. owned by city.

WEIR, p. 2,289; f. area, 300 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 hose carts; hose, cot., rub. lined, gd., 900 ft.; inf., 1,100 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$1,600; exp. dept., \$60; tot. mem., 48 vol.; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump to res., to stdp. & dir.; stdp. cap., 50,000 gals.; res. cap., 750,000 gals.; 1 pump. eng., class dup., cap. day 1,440,000 gals.; mains, 5 m., 2 to 6 in. dia.; 29 hyd.; 20 v.; 78 serv.; pres., dom. 40 lbs., f. 100 to 150 lbs.; cost, \$35,000; cost mtce., \$2,000; wks. owned by Co.

WELLINGTON, p. 7,034; f. area, 18 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hose reels, 1 c. cart, 2 hrs.; hose, cot., rub. lined, gd., 1,700 ft.; old, 800 ft.; tot. hose, 2,500 ft.; f. al., bell & telp.; val. equip., \$3,000; exp. dept., \$715; tot. mem. 5, pd. full time 2, pd. part time 3.

Water Supply—Src., creek & wells, 1 m. bus. cent.; sys., grav. dir. & pump to stdp.; stdp. cap., 150,000 gals.; mat. stl.; dim., 22 x 100; loc. centrally; res. cap., 338,400 gals.; loc. 1 m. town; 3 pump. eng., class comp. dup. & trip, cap. 1,375 gals. min.; mains, 15 2 1/2 m., 4 to 10 in. dia.; 100 hyd.; 42 v.; met., 425; 425 serv.; pipe, galv. l.; pres., dom. 40 lbs., f. 95 to 100 lbs.; cons. day, 1,750,000 gals.; cost, \$40,000; wks. owned by city.

WEST MINERAL, p. 1,700; f. area, 2 sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; vol.; undra. rating, 4 1/2 class.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav. & dir. pres.; stdp. cap., 60,000 gals.; dim. 10 x 100; mat. stl.; 2 pump. eng., class dup.; cap. day, 216,000 gals.; mains, c. l., 2 m.; 4 to 6 in. dia.; 18 hyd.; pres., dom. & f. 30 lbs.; cons. day, 30,000 gals.; wks. owned by city.

WICHITA, p. 52,450; f. area, 20 sq. m.; merc. bldgs., stn., wd. & bk., 1 to 10 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str. (in reserve), 1 auto. comb. c. & pump. eng., 1 auto. hose trk., 4 comb. c. & h. auto. trk., 1 chf's auto., 1 c. eng., 24 c. hand ex., 1 auto. ser. trk. with tractor, 1 auto. trk., 4 comb. h. & c. wag., 6 hose wag., 20 hrs.; hose, cot., rub. lined, gd., 8,550 ft.; f. al., elec. & telp., 64 bx.; val. equip.

\$45,000; val. bldgs., \$38,000; exp. dept., \$60,000; tot. mem. 50, pd. full time; undrs. rating, second class.

Water Supply—Src., wells; sys., pump dir.; res. cap., 150,000 gals.; 6 pump. eng., class hor.; cap. day 20,250,000 gals.; mains, 121 m., 6 to 16 in. dia.; 681 hyd.; 7,101 serv.; 485 v.; met., 3,107; pres., dom. 85 to 50 lbs., f. 80 to 100 lbs.; cons. day, 4,000,000 gals.; wks. owned by Co.

WILSON, p. 981; f. limits, 6 blocks; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 c. eng. on wls., 10 c. hand ex., 2 hand hose reels; hose, rub. lined, gd., 1,000 ft.; rub. small, 200 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$2,800; val. bldgs., \$3,000; exp. dept., \$38; tot. mem., 41 vol.

Water Supply—Src., wells & cisterns; sys., pump to elevated stl. tk.; tk. cap., 70,000 gals.; 3 pump. eng., cap. day 576,000 gals.; pres., 50 lbs.; 4½ m. mains, 4 to 6 in. dia.; 40 hyd.; wks. owned by town.

WINFIELD, p. 6,700; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 comb.

c. & h. wag., 4 c. hand ex., 3 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 750 ft.; tot. hose, 2,250 ft.; f. al., telp.; val. equip., \$4,100; val. bldgs., \$10,000; exp. dept., \$2,500; tot. mem. 5, pd. full time 3, pd. part time 2.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., pump to res.; res. cap., 2,000,000 gals.; 2 pump. eng., class comp., cap. day, 5,000,000 gals.; mains, c. i., 25 m., 4 to 12 in. dia.; 178 hyd.; 141 v.; met., 135; 1,600 serv.; pipe, iron; pres., dom. 55 lbs., f. 120 lbs.; cons. day, 2,000,000 gals.; cost, \$195,000; cost mtce., \$2,500; wks. owned by city.

YATES CENTER, p. 2,024; f. area, all town; merc. bldgs., stn. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose carts, 10 hand ex.; hose, cot., rub. lined, gd., 1,150 ft.; f. al., bell; val. equip., \$2,480; tot. mem., 24 vol.

Water Supply—Src., res. 1½ m. bus. cent.; sys., pump to stldp.; stldp. cap., 80,000 gals.; res. cap., 600,000 gals.; 2 pump. eng., class comp. dup., cap. day 864,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 41 hyd.; 103 met.; 103 serv.; pipe, c. i.; pres., dom. 60 lbs., f. 150 lbs.; cons. day, 325,000 gals.; wks. owned by city.

KENTUCKY

ADAIRVILLE, p. 688; f. area, 4 blocks; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose reel; hose, 600 ft.; f. al., bell & firearms; val. equip., \$500; val. bldgs., \$800; tot. mem., 25 vol.; undrs. rating, fifth class.

Water Supply—Src., spr., ½ m. bus. cent.; sys., grav. & dir. pres.; stldp. cap., 36,000 gals., dim. 16 x 20 ft., mat. metal & wd.; res. cap., 30,000 gals.; 1 pump. eng., class dup., cap. day 75,000 gals.; mains, 8 m., 1½ to 3 in. dia.; 24 hyd.; 6 v.; pressure, dom. 80 lbs., f. 90 lbs.; cons. day, 30,000 gals.; cost, \$7,500; cost mtce., \$900; wks. owned by city.

ASHLAND, p. 8,688; f. area, 800 a.; merc. bldgs., bk., wd. & stn., 1 to 4 stor.; priv., mostly bk., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 2 hose wag., 1 comb. c. h. & l. wag., 5 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; c., 250 ft.; inf., 1,000 ft.; tot. hose, 4,250 ft.; f. al., Gamewell; val. equip., \$9,000; val. bldgs., \$8,000; tot. mem., 13, pd. full time 7, pd. part time 6.

Water Supply—Src., riv., 5 m. bus. cent.; sys., pump to res.; res. cap., 20,000,000 gals., loc. on hill; 4 pump. eng., comp. dup., cap. day 7,000,000 gals.; 2 pumps., 1,500,000 gals. cap., in reserve, and 1,500,000-gal. res.; mains, c. i., 19 m., 4 to 12 in. dia.; 145 hyd.; met., 60; 1,740 serv.; pipe, galv. i.; pres., f., 90 lbs.; cost, \$276,829; cost mtce., \$12,000; wks. owned by Co.

AUGUSTA, p. 1,787; f. area, 400 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 str., 1 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., elec. & wh.; undrs. rating, fifth class.

Water Supply—Src., 21 cisterns; cap., 300 bbls. each.

BARBOURVILLE, p. 1,633; f. area, 700 a.; merc. bldgs., bk. stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag.; hose, cot., rub. lined, 500 ft.; f. al., bell & wh.; val. equip., \$800; val. bldgs., \$100; tot. mem., 22 vol.

Water Supply—Src., riv., in bus. cent.; sys., pump to res. res. cap., 550,000 gals.; 2 pump. eng., cap. day, 482,000 gals.; 40 hyd.; 10 v.; 15 met.; mains, c. i., 4 m., 4 to 8 in. dia.; pres., dom. & f. 185 lbs.; cost, \$30,000; wks. owned by private Co.

BARDSTOWN, p. 2,126; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,500; exp. dept., \$1,000; tot. mem., 25 vol.; undrs. rating, fifth class.

Water Supply—Src., lake, ¾ m. bus. cent.; sys., pump dir. to mains & grav.; res. cap., 50,000,000 gals., loc. north city; 2 pump. eng., class comp. dup., cap. day 750,000 gals.; mains, c. i., 3½ m., 4 to 10 in. dia.; 27 hyd.; 20 v.; 30 serv.; pipe, galv. l.; pres., dom. 80 lbs., f. 150 lbs.; cost, \$26,000; cost mtce., \$1,000; wks. owned by city.

BARDWELL, p. 1,087; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; tot. mem., 30 vols.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., pump to stldp. & dir.; stldp. cap., 75,000 gals., dim. 10 x 35, mat. stl.; res. cap., 40,000 gals., loc. at station; 3 pump. eng., cap. day 500,000 gals.; mains, c. i., 2½ m., 6 in. dia.; 28 hyd.; 10 v.; 250 serv.; pipe, galv. l.; pres., dom. 50 lbs., f. 80 lbs.; cons. day, 40,000 gals.; cost, \$15,000; cost mtce., \$3,000; wks. owned by city.

BARLOW, p. 532; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. h. & h. wag., 1 c. eng., 12 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; vol.

BEATTYVILLE, p. 1,360; no f. dept.

Water Supply—Src., wells & cisterns.

BELLEVUE, p. 6,683; f. area, 600 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—6 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hand reel, 2 hrs.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., Floyd, 15 bx.; val. equip., \$4,300; val. bldgs., \$1,000; exp. dept., \$2,000; tot. mem., 6, pd. full time; undrs. rating, second class.

Water Supply—Src., Ohio riv., supplied by Newport Water Wks.; sys., grav.; mains, 8 m., 4 to 10 in. dia.; 69 hyd.; 300 v.; met., 400; 1,300 serv.; pipe, lead; pres., dom. 60 lbs., f. 80 lbs.; cost, \$75,000; cost mtce., \$4,000; wks. owned by Co.

BENTON, p. 1,000; f. area, 500 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 15 c. hand ex., 1 hose car., 1 hrs.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$1,300; tot. mem., 15, pd. part time; undrs. rating, fifth class.

Water Supply—Src., wells and cisterns.

BEREA, p. 1,510; f. area, 600 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area. F. dept.—1 hose car.; hose, 750 ft.; val. equip., \$1,000; val. bldgs., \$300; exp. dept., \$100; tot. mem., 50 vol.; undrs. rating, fifth class.

Water Supply—Src., mountain spr., 6 m. bus. cent.; sys., grav.; res. cap., 300,000 gals.; 1 pump. eng., cap. day 30,000 gals.; mains, c. l., 7 m., 2 to 6 in. dia.; 27 hyd.; 8 v.; 30 met.; pres., dom. & f. 90 lbs.; cons. day, 15,000 gals.; cost, \$65,000; cost mtce., \$785; wks. owned by college.

BLOOMFIELD, p. 352. No f. dept.

Water Supply—Src., wells & cisterna.

BOWLING GREEN, p. 9,173; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & h. wag., 1 comb. h. & l. trk. & c. eng., 1 h. & l. trk., 2 hose wag., 2 hose car., reels, &c., 8 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., Gaynor, 17 bx.; val. equip., \$12,000; val. bldgs., \$5,000; exp. dept., \$8,500; tot. mem., 11, pd. full time; undra. rating, first class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res.; res. cap., 1,500,000 gals.; 2 pump. eng., class comp., cap. day 5,000,000 gals.; mains, 25 m.; 4 to 16 in. dia.; 135 hyd.; met., 105; pres., f. 70 to 80 lbs.; cost, \$90,000; cost mtce., \$4,000; wks. owned by city.

BRANDENBURG, p. 482. F. dept.—1 hose cart; hose, 600 ft.; tot. mem., 16 vol.

Water Supply—Sys., grav. to res.; mains, 4 to 6 in. dia.; 17 hyd.; pres., 60 to 80 lbs.

BURNSIDE, p. 1,117. F. dept.—2 hose reels; hose, 1,000 ft.; pd. F. dept.

Water Supply—Src., riv., sys., pump to res.; res. cap., 350,000 gals.; 2 pump. eng., class dup.; mains, 4½ m., 8 to 6 in. dia.; 27 hyd.; pres., dom. 60 lbs., f. 125 lbs.

CADIZ, p. 1,005. F. dept.—4 hose carts; hose, 1,000 ft.; tot. mem., 16 vol.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 120,000 gals.; 2 pump. eng., cap. day 240,000 gals.; mains, 8½ m., 2 to 6 in. dia.; 26 hyd.; 8 v.; 120 serv.; pres., dom. 25 to 65 lbs., f. 180 lbs.; cons. day, 50,000 to 100,000 gals.; wks. owned by priv. Co.

CALHOUN, p. 742. F. dept.—1 comb. hand pump & c. eng.

CAMPBELLSVILLE, p. 1,206; f. area, 2 m. F. dept.—1,500 ft. hose; tot. mem., 12 vol.

Water Supply—Src., stdp.; sys., grav.; 24 hyd.; pres., 63 to 69 lbs.; wks. owned by priv. corp.

CARLISLE, p. 1,293; f. area, 75 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 50 c. hand ex., 1 h. & l. trk., 2 hose wag., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; rub., gd., 500 ft.; tot. hose, 2,300 ft.; f. al., bell; val. equip., \$8,550; val. bldgs., \$3,000; exp. dept., \$825; tot. mem., 30 vol.

Water Supply—Src., 14 cisterna.

CARROLLTON, p. 1,906; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., tel.; val. equip., \$7,000; val. bldgs., \$2,000; tot. mem., 7, pd. full time; undra. rating, fourth class.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump dir.; res. cap., 1,000,000 gals., loc. on hill near city; 1 pump. eng., class vertical, cap. day, 1,000,000 gals.; mains, c. l., 6 m., 4 to 12 in. dia.; 40 hyd.; 22 v.; met., 4; 600 serv.; pipe, galv. i.; pres., dom. 105 lbs., f. 140 lbs.; cons. day, 600,000 gals.; cost, \$27,000; wks. owned by city.

CATLETTSBURG, p. 3,520; f. area, 1,200 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 500 ft.; tot. hose, 3,000 ft.; f. al., bell & tel.; val. equip., \$7,500; val. bldgs., \$4,000; exp. dept., \$1,000; tot. mem., 12, pd. part time.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res.; res. cap., 14,000,000 gals., loc. 1 m. station; 4 pump. eng., class comp. dup., centrif. & triple expan. cond.; cap. day, 14,000,000 gals.; mains, c. l., 11 m., 4 to 20 in. dia.; 113 hyd.; met., 7; pipe, galv. i.; pres., dom. 120 lbs.; cost, \$372,392; wks. owned by Co.

CENTRAL CITY, p. 2,545; f. area, 50 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., bk.

& wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—2 c. hand ex., 2 hose reels; hose, 500 ft.; 20 vol.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., pump to res.; res. cap., 400,000 gals.; 3 pump. eng., cap. day 200,000 gals.; mains, c. & wrt. l., 4 m., 2 to 10 in. dia.; 15 hyd.; met., 4; 583 serv.; pipe, wrt. l.; pres., dom. 75 lbs.; wks. owned by Co.

CENTRAL COVINGTON. Fire dept.—1 hose car.; hose, 1,000 ft.; f. al., bell.

Water Supply—Src., from city of Covington.

CLINTON, p. 1,497; f. area, 350 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 500 ft.; tot. hose, 1,300 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$500; tot. mem., 10, pd. part time.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 40,000 gals., mat. sheet 1; res. cap., 60,000 gals., loc. 12 ft. from wells; 2 pump. eng.; mains, c. l., 3½ m., 4 to 8 in. dia.; 24 hyd.; pres., dom. 60 lbs., f. 125 lbs.; cost, \$15,000; cost mtce., \$1,000; wks. owned by Co.

CORBIN, p. 2,589; f. area, 64 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 600 ft.; rub., gd., 200 ft.; tot. hose, 800 ft.; val. equip., \$1,000; exp. dept., \$180; tot. mem., 25, pd. full time 1, vol. 24.

Water Supply—Src., wells; res. owned by L. & N. R. R.; hyd. owned by R. R. Co.

CORYDON, p. 942. F. dept.—1 comb. c. & hand eng., 300 ft. hose; vol.

COVINGTON, p. 53,270; f. area, 1,495 a.; merc. bldgs., stn., bk. & wd., 1 to 6 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—8 str. (1 in reserve), 1 c. eng. on wls., 18 c. hand ex., 1 h. & l. trk., 2 comb. c. & h. wag., 6 hose wag., 22 hrs.; hose, cot., rub. lined, gd., 13,250 ft.; c., gd., 400 ft.; tot. hose, 13,650 ft.; f. al., Gamewell, 106 bx.; val. equip., \$85,000; val. bldgs., \$45,000; exp. dept., \$26,000; tot. mem., 51, pd. full time.

Water Supply—Src., riv., 8 m. bus. cent.; sys., pump to res.; res. cap., 111,000,000 gals.; 2 pump. eng., class vertical comp., cap. day 10,000,000 gals.; mains, c. l., 48 m., 4 to 30 in. dia.; 480 hyd.; 752 v.; met., 6,973; 7,742 serv.; pipe, lead; pres., dom. 70 lbs., f. 110 lbs.; cons. day, 3,042,007 gals.; cost, \$1,113,012; cost mtce., \$71,260.30; wks. owned by city.

CYNTHIANA, p. 3,603; f. area, 2 sq. m.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 hand ex., 1 h. & l. trk., 1 hose wag., 3 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; val. equip., \$1,500; val. bldgs., \$3,000; tot. mem., 38 vol.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 300,000 gals., dim. 25 x 110, mat. stl.; 2 pump. eng., class dup., cap. day 672,000 gals.; mains, c. l., 8 m., 4 to 10 in. dia.; 80 hyd.; 45 v.; met., 30; 425 serv.; pres., dom. & f., 90 lbs.; cost, \$60,000; cost mtce., \$3,000; wks. owned by city.

DANVILLE, p. 5,420; merc. bldgs., bk. & stn., 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. tk., 2 c. hand ex., 1 h. & l. trk., 1 hose reel, 1 hose wag., 1 ladder wag.; hose, cot., rub. lined, gd., 2,000 ft.; c., 200 ft.; inf., 500 ft.; tot. hose, 2,700 ft.; f. al., elec. al. connected with Telephone Exchange; val. equip., \$2,500; val. bldgs., \$2,500; exp. dept., \$600; tot. mem., 22, pd. full time 2, vol. 30; undra. rating, second class.

Water Supply—Src., riv., sys., pump to stdp.; stdp. cap., 225,000 gals., dim. 150 x 18, mat. stl.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 12.35 m., 4 to 12 in. dia.; 114 hyd.; met., 750; 750 serv.; pipe, lead; pres., dom. 48 to 70 lbs., f. 100 lbs.; cons. day, 850,433 gals.; cost, \$150,000; wks. owned by city.

DAWSON SPRINGS, p. 1,500; f. area, 20 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd.

1 to 3 stor.; wd. rfs. are not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—30 c. hand ex., 2 hose carts, 1 h. & 1 trk., 1,000 ft. hose; val. equip., \$800; val. bldgs., \$250; tot. mem., 26 vol.

Water Supply—Src., res.; sys., grav.; 14 hyd.; pres., 40 to 65 lbs.; cost, \$10,000; wks. owned by priv. Co.

DAYTON, p. 6,979; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—3 c. hand ex., 2 comb. h. & 1 trks., 1 comb. c. & h. wag., 1 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell, elec., 12 Stevenson bx.; val. equip., \$800; val. bldgs., \$700; exp. dept., \$875; tot. mem., 7, pd. full time 1, vol. 6.

Water Supply—Src., Ohio riv.; sys., pump to res.; mains, 8 m., 4 to 8 in. dia.; 104 hyd.; 300 v.; pres., f. 100 lbs.

DIXON, p. 741. F. dept.—1 comb. c. hand eng.; hose, 400 ft.; f. al., bell.

Water Supply—Src., cisterna.

DOVER, p. 886. F. dept.—Vol., 12 men; 1 c. eng., 150 ft. hose.

Water Supply—Wells & cisterna.

EARLINGTON, p. 8,931; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., c. hand ex., 1 h. & 1 trk., 1 hose wag.; hose, rub. gd., 2,000 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$3,000 tot. mem., 10 vol.

Water Supply—Src., lake, $\frac{1}{4}$ m. bus. cent.; sys., pump to res. & dir.; res. cap., 100,000 gals.; 2 pump. eng., cap. day, 120,000 gals.; mains, iron, 3 m., 4 to 8 in. dia.; 18 hyd.; met., 200; 275 serv.; pipe, wrt. i.; pres., dom. 20 to 45 lbs., f. 45 lbs.; wks. owned by Co.

EDDYVILLE, p. 1,500; f. area, 20 a. F. dept.—1 hose cart; val. equip., \$250; vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., stdp., loc. on high hill; wks. owned by city.

ELIZABETHTOWN, Hardin Co.; p. 1,970; f. area, 1 m.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; inf., 200 ft.; tot. hose, 1,400 ft.; f. al., bell & tel.; val. equip., \$2,000; val. bldgs., \$7,500; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 150,000 gals., dim. 16 x 100, mat. stl.; 2 pump. eng., class dup., cap. day 500,000 gals.; mains, c. l., $\frac{1}{4}$ m., 4 to 8 in. dia.; 40 hyd.; 16 v.; 325 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 80 lbs.; cost, \$28,000; cost mtce., \$2,500; wks. owned by city.

ELKTON, p. 1,228; f. area, 10 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng.; hose, cot., rub. lined, gd., 400 ft.; f. al., bell; val. equip., \$700; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., wells & cisterna.

EMINENCE, p. 1,274; f. area, 100 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; inf., 800 ft.; tot. hose, 1,700 ft.; f. al., tel.; val. equip., \$5,000; val. bldgs., \$1,500; tot. mem., 8, pd. full time.

Water Supply—Src., cisterna & wells.

FALMOUTH, p. 1,180; f. area, $\frac{1}{4}$ m.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,100 ft.; rub. gd., 600 ft.; inf., 500 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., 500; tot. mem., 17 vol.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 600,000 gals., second res. $9\frac{1}{2}$ x 101 ft., loc. on hill near city; 1 pump. eng., class dup., cap. day 750,000 gals.; mains, 4 m., 4 to 8 in. dia.; 28 hyd.; 150 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 80,000 gals.; cost, \$14,000; cost mtce., \$1,350; wks. owned by city.

FLEMINGSBURG, p. 1,219; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hand eng., 1 c. eng., 6 c. hand ex., 1 h. & 1 trk., 8 hose carts; hose, cot., rub. lined, gd., 1,700 ft.; inf., 800 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$9,000; exp. dept., \$1,000; tot. mem., 108 vol.; undra. rating, third class.

Water Supply—Src., wells, creeks & cisterna.

FRANKFORT, p. 10,465; f. area, 500 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & 1 trk., 1 auto. h. & 1 trk., 2 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., elec., 21 bx.; val. equip., \$5,000; val. bldgs., \$10,000; exp. dept., \$3,500; tot. mem., 6, pd. full time.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res.; res. cap., 8,000,000 gals.; 2 pump. eng., class vert., cap. day 5,000,000 gals.; mains, 14 m., 6 to 14 in. dia.; 125 hyd.; 100 v.; met., 75; 1,400 serv.; pres., dom. 120 lbs., f. 120 lbs.; cons. day, 1,200,000 gals.; cost, \$200,000; cost mtce., \$5,000; wks. owned by Co.

FRANKLIN, p. 3,063; f. area, 640 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose carts; hose, 1,500 ft.; f. al., bell; & wh.; val. equip., \$1,500; tot. mem., 15, pd. part time.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 60,000 gals., dim. 25 x 30, mat. iron & stl.; 2 pump. eng., cap. day 500,000 gals.; mains, 6 m., 4 to 8 in. dia.; 27 hyd.; pres., dom. 50 lbs., f. 50 to 100 lbs.; cons. day, 210,000 gals.; cost, \$24,000; cost mtce., \$3,600; wks. owned by city.

FULTON, p. 2,575; f. area, 500 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose carts, 2 hose car., 1 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 500 ft.; tot. hose, 1,500 ft.; f. al., tel.; val. equip., \$2,000; val. bldgs., \$200; tot. mem., 12 vol.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 22,500 gals., res. cap., 23,000 gals.; 2 pump. eng., cap. day, 1,500,000 gals.; mains, c. & wrt. l., 8 m., 2 to 8 in. dia.; 61 hyd.; 14 v.; met., 33; 873 serv.; pipe, galv. l.; pres., dom. 80 lbs., f. 110 lbs.; cons. day, 350,000 gals.; cost, \$30,000; cost mtce., \$7,000; wks. owned by city.

GEORGETOWN, p. 4,533; f. area, 500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. & 1 wag., 1 hose wag., 2 c. ex., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., Gamewell, 9 bx.; val. equip., \$1,400; val. bldgs., \$16,000; exp. dept., \$800; tot. mem., 8; pd. full time 1, pd. part time 7; undra. rating, second class.

Water Supply—Src., spr. & cisterna, 1,000 ft. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 2,800,000 gals.; mains, c. l., 10 m., 4 to 8 in. dia.; 82 hyd.; 33 v.; 300 serv.; pres., dom. 30 to 70 lbs., f. 100 to 125 lbs.; cost, \$74,000; cost mtce., \$4,000; wks. owned by Co.

GLASGOW, p. 2,216; merc. bldgs., ironclad & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose cart, 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; linen, gd., 2,000 ft.; inf., 100 ft.; tot. hose, 2,600 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$200; tot. mem., 20 vol.; undra. rating, third class.

Water Supply—Src., creek; sys., pump to stdp.; stdp. cap., 117,000 gals., dim. 60 x 24, mat. wd.; 2 pump. eng., cap. day 500,000 gals.; mains, 6 m., 4 to 8 in. dia.; 30 hyd.; 6 v.; met., 2; serv.; pipe, iron; pres., dom. 60 lbs., f. 100 lbs.; cons. day 40,000 gals.; cost, \$28,000; cost mtce., \$1,200; wks. owned by city.

GREENUP, p. 680. F. dept.—1 comb. c. & hand eng.; tot. mem., 30 vol.

Water Supply—Src., wells & 2 cisterna.

GREENVILLE, p. 1,604; f. area, 15 a. F. dept.—2 hose carts, 2 f. ladders, 1,000 ft. hose; val. equip., \$1,500; tot. mem., 24 vol.

Water Supply—Src., lake; ays., dir. pres.; 2 pumps, cap. day, 600,000 gals.; 15 hyd.; 6 v.; mains, 10 m.; pres., dom. 60 lbs., f. 120 lbs.; cost, \$20,000; wks. owned by private Co.

GUTHRIE, p. 1,096; f. area, 10 a. F. dept.—1 hose cart; hose, 1,000 ft.; tot. mem., 20 vol. Water Supply—Src., waterwks. owned by L. & N. R. R. Co.; used only in case of f.

HARDINSBURG, p. 787. F. dept.—Hawkins f. ex.; vol.

HARRODSBURG, p. 3,147; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose reels, 2 hrs.; hose, rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$6,000; tot. mem., 15, pd. full time 1, pd. part time 14; undra. rating, second class.

Water Supply—Src., riv., 1 m. bus. cent.; ays., pump to stdp.; stdp. cap., 297,500 gals., dim. 100 x 22½, mat. stl.; 2 pump. eng., class comp. dup., cap. day 3,000,000 gals.; mains, 8¼ m., 4 to 12 in. dia.; 92 hyd.; 43 v.; met., 35; 160 serv.; pipe, galv. i. & lead; pres., dom. 60 to 80 lbs., f. 75 lbs.; cons. day, 65,000 gals.; cost, \$80,000; cost mtce., \$1,800; wks. owned by Co.

HARTFORD, p. 976. No f. dept.

Water Supply—Src., wells; ays., pump to stdp.; stdp. cap., 80,000 gals., dim. 12 x 15 ft.

HAWESVILLE, p. 1,002; f. area, 100 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm.; fwks. ord.; causes of f. not inv. F. dept.—3 hose reels; hose, cot., rub. lined, gd., 900 ft.; rub., gd., 100 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$50; tot. mem., 24, pd. part time; undra. rating, fourth class.

Water Supply—Src., riv., 1 block bus. cent.; ays., grav., pump to res. & dir.; res. cap., 1,000,000 gals., loc. on hill above town; 3 pump. eng., class single & dup., cap. day 1,000,000 gals.; mains, c. l., 2 m., 4 to 8 in. dia.; 11 hyd.; 18 v.; met., 9; 75 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$11,800; cost mtce., \$1,200; wks. owned by Co.

HENDERSON, p. 11,452; f. area, 2,600 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose wags., 1 hose car., 8 hrs.; hose, rub., gd., 4,000 ft.; inf., 500 ft.; tot. hose, 4,500 ft.; f. al., Gamewell, 16 bx.; val. equip., \$7,500; val. bldgs., \$6,000; exp. dept., \$10,000; tot. mem., 13, pd. full time; undra. rating, first class.

Water Supply—Src., riv., 1 m. bus. cent.; ays., pump to res. & stdp.; stdp. cap., 368,000 gals., dim. 25 x 100, mat. stl.; res. cap., 3,000,000 gals., loc. on hill 8,000 ft. pump. station; 3 pump. eng., class vertical, comp. & dup., cap. day 6,500,000 gals.; mains, c. l., 27 m., 3 to 24 in. dia.; 178 hyd.; 218 v.; met., 54; 2,350 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 85 lbs.; cons. day, 18,000,000 gals.; cost, \$250,000; cost mtce., \$7,500; wks. owned by city.

HICKMAN, p. 2,736; f. area, 1,000 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$2,500; vol.

Water Supply—Src., artesian well, 2 blocks bus. cent.; ays., pump to stdp.; stdp. cap., 35,000 gals., dim. 10 x 60; 4 pump. eng., class comp. dup., cap. day, 1,052,000 gals.; mains, 4 m., 3 to 8 in. dia.; 35 hyd.; 6 v.; 100 met.; pres., dom. 90 lbs., f. 120 lbs.; cons. day, 300,000 gals.; cost, \$35,000; cost mtce., \$3,000; wks. owned by private Co.

HODGENSVILLE, p. 744; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk., wd. & conc., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—12 hand ex., 1 hose cart, 1 h. & l. trk.; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 300 ft.; inf., 1,000 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$800; exp. dept., \$50; tot. mem., 15, small allowance made by town to mem.

Water Supply—Src., wells, cisterns & creek.

HOPKINSVILLE, p. 9,419; f. area, 60 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd. & bk.,

2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 35 c. hand ex., 2 hose carts, 2 hose car., 3 hrs.; hose, cot., rub. lined, gd., 700 ft.; rub., gd., 2,000 ft.; tot. hose, 2,700 ft.; f. al., telp. & bell; val. equip., \$7,500; val. bldgs., \$6,500; exp. dept., \$2,500; tot. mem., 10, pd. full time 3, pd. part time 7; undra. rating, second class.

Water Supply—Src., riv. & lake, 4 m. town; ays., pump to stdp.; stdp. cap., 150,000 gals., dim. 16 x 100, mat. stl.; res. cap., 175,000,000 gals.; 3 pump. eng., class comp. dup. & cross comp., cap. day 4,000,000 gals.; mains, c. l., 19 m., 4 to 12 in. dia.; 135 hyd.; met., 675; 1,696 serv.; pipe, galv. i. & lead; pres., dom. 95 lbs., f. 100 lbs.; wks. owned by Co.

JUNCTION CITY, p. 747. F. dept.—Buckets; f. al., firearms; vol.

KUTTAWA, p. 889. F. dept.—2 hose carts; hose, 1,000 ft.; f. al., bell & telp.

Water Supply—Src., lake; ays., pump to res.; res. cap., 196,000 gals.; 2 pumps, cap. day, 200,000 gals.; pres., 80 lbs.

LA GRANGE, p. 1,152. F. dept.—1 chief's auto., 5 c. hand ex., 1 hose wag., 1 gas. eng.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., telp.; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 22, pd. full time 1, vol. 21.

Water Supply—Src., cisterns.

LANCASTER, p. 1,507; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1¼ & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 c. eng. on wls., 1 h. & l. trk., 1 hose wag., 1 comb. c. & h. wag.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 100 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,500; tot. mem., 16, pd. full time.

Water Supply—Src., lake, 1¼ m. bus. cent.; ays., pump dir. to mains; res. cap., 28,000,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 4¼ m., 4 to 8 in. dia.; 40 hyd.; 13 v.; met., 11; 100 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 150 lbs.; cost, \$30,000; cost mtce., \$2,600; wks. owned by city.

LATONIA, p. 1,882; merc. bldgs., wd. F. dept.—1 h. & l. trk., 1 hose car., 1 comb. wag., 2 hand reels, 2 hrs.; hose, 1,500 ft.; f. al., Gamewell; 2 pd. men.

Water Supply—Not reported.

LAWRENCEBURG, p. 1,723; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; vol.

Water Supply—Src., wells & river; ays., pump to stdp.; stdp. cap., 60,000 gals.; res. cap., 212,000 gals.; 3 pumps; mains, 3½ m., 1¼ & 6 in. dia.; 33 hyd.

LEBANON, p. 3,077; f. area, 1,920 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., telp.; val. equip., \$2,500; val. bldgs., \$3,000; exp. dept., \$350; tot. mem., 20, pd. full time 1, vol. 19.

Water Supply—Src., riv.; ays., pump to res.; res. cap., 1,000,000 gals.; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. l., 12 m., 4 to 12 in. dia.; 45 hyd.; 44 v.; met., 50; 275 serv.; pres., dom. 120 lbs., f. 135 lbs.; cost, \$72,000; cost mtce., \$4,000; wks. owned by city.

LEXINGTON, p. 35,099; f. area, 8½ sq. m.; merc. bldgs., bk., 2 to 3 stor.; priv., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. c. & h. wag., 1 auto. str., 1 c. eng., 6 c. hand ex., 1 h. & l. trk., 3 hose wags., 3 comb. c. & h. wag., 14 hrs.; hose, cot., rub. lined, gd., 10,750 ft.; f. al., elec., 62 bx.; val. equip., \$60,000; val. bldgs., \$25,000; exp. dept., \$40,900; tot. mem., 86, pd. full time.

Water Supply—Src., impounding res., 3 m. bus. cent., and creek; ays., pump dir.; res. cap., 863,000,000 gals., loc. 3 m. east city; pump. eng., cap. day 12,000,000 gals.; mains (duplicate mains from pump. station in city), c. l., 74.4 m., 4 to 24 in. dia.; 550 hyd.; 735 v.; met., 5,235; 3,573 serv.; pipe, lead; pres., dom. 50 lbs., f. 129 lbs.; cons. day, 2,218,470 gals.; wks. owned by Co.

LOUISA, p. 1,358. F. dept.—2 hose carts; hose, 500 ft.; tot. mem., 23 vol.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump dir. & grav.; res. cap., 2,000,000 gals.; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 40 hyd.; 25 v.; 30 met.; 350 serv.; pres., dom. 120 lbs., f. 150 lbs.; cons. day, 300,000 gals.; cost mtce., \$1,000; wks. owned by priv. Corp.

LOUISVILLE, p. 228,928; f. area, 25 sq. m.; merc. bldgs., stn. & bk., 1 to 18 stor.; priv., stn., bk. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—21 str., 1 water tower, 20 c. hand ex., 2 h. & l. trks., 4 aer. trks., 1 supply wag., 16 hose reels, 6 comb. c. & h. wag., 181 hrs.; hose, cot., lined, gd., 40,000 ft.; rub., gd., 6,500 ft.; tot. hose, 46,500 ft.; f. al., elec., 500 bx.; val. equip., \$255,000; exp. dept., \$370,938; tot. mem., 260, pd. full time.

Water Supply—Src., Ohio riv.; sys., pump to res., to stdp. & elevated tk.; stdp. cap., 1,200,000 gals.; dim. tk., 50 x 68; dim. stdp., 52 x 155; mat. iron; res. No. 1 cap., 100,000,000 gals.; res. No. 2 cap., 25,000,000 gals.; 6 pump. eng., cap. day 142,000,000 gals.; mains, 375 m., 3 to 48 in. dia.; 1,191 hyd.; 651 cisterns; 5,663 v.; 38,340 serv.; pipe, lead; pres., dom. & f. 70 to 75 lbs.; cons. day, 25,200,000 gals.; cost, \$8,500,000; cost mtce., \$306,000; wks. owned by city.

UDLOW, p. 4,163; bldgs., bk. & wd., 2 stor. F. dept.—h. & l. trk., 2 hose reels, 1 hr.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 200 ft.; tot. hose, 1,800 ft.; f. al., elec., 15 bx.; val. equip., \$2,000; exp. dept., \$207; tot. mem., 40 vol.; undra. rating, first class.

Water Supply—Src., riv., 7 m. bus. cent.; sys., pump to res.; res. cap., 85,000,000 gals., loc. at Fort Thomas; 2 pump. eng., cap. day 10,000,000 gals.; mains, c. l., 9 m., 6 to 12 in. dia.; 51 hyd.; 140 v.; met., 789; 789 serv.; pipe, lead; pres., dom. 119 lbs., f. 119 lbs.; cost, \$30,000; cost mtce., \$1,000; wks. owned by city.

MADISONVILLE, p. 4,966; f. area, 320 a.; merc. bldgs., bk. & metal, 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 6 c. hand ex., 1 h. & l. trk., 2 hose carts, 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 300 ft.; inf., 100 ft.; tot. hose, 1,900 ft.; f. al., bell; tot. mem., 10 vol.; undra. rating, fourth class.

Water Supply—Src., lake, $\frac{3}{4}$ m. bus. cent.; sys., pump dir.; stdp. cap., 100,000 gals.; res. cap., 65,000,000 gals.; pump. eng., cap. day, 180,000 gals.; mains, c. l., 10 m., 4 to 10 in. dia.; 80 hyd.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 150,000 gals.; cost, \$75,000; wks. owned by Co.

MAYFIELD, p. 5,916; f. area, 500 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. on wls., 2 c. hand ex., 1 hose wag., 1 hose cart, 1 comb. c. & h. wag., 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell, 18 bx.; val. equip., \$3,000; val. bldgs., \$4,000; exp. dept., \$2,500; tot. mem., 3, pd. full time.

Water Supply—Src., wells; sys., air lift, pump to stdp.; stdp. cap., 125,000 gals.; res. cap., 300,000 gals.; 2 pump. eng., cap. day 3,500,000 gals.; mains, c. l., 12 m., 4 to 10 in. dia.; 121 hyd.; 26 v.; pres., dom. 40 lbs., f. 100 to 140 lbs.; cost, \$25,000.

MAYSVILLE, p. 6,141; merc. bldgs., bk., 2 to 5 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 auto. comb. c. & h. wag., 5 hose reels; hose, 8,000 ft.; f. al., Gasmewell, 21 bx., & telp.; val. equip., \$14,386; val. bldgs., \$50,000; exp. dept., \$8,800; tot. mem., 175, pd. full time 8, 167 vol.; undra. rating, first class.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 3,000,000 gals., loc. 1 m. pump house; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 14 $\frac{1}{2}$ m., 3 to 16 in. dia.; 90 hyd.; 90 v.; met., 100; 1,200 serv.; pipe, lead & galv. i.; pres., dom. 150 lbs., f. 150 lbs.; cons. day, 1,000,000 gals.; wks. owned by Co.

MIDDLEBORO, p. 7,305; f. area, 80 a. merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. &

h. wag., 1 h. & l. trk., 1 hose cart, 3 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 200 ft.; tot. hose, 2,200 ft.; f. al., wh. & telp.; val. equip., \$3,000; val. bldgs., \$20,000; exp. dept., \$2,400; tot. mem., 4, pd. full time 2, vol. 2.

Water Supply—Src., creek, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 1,500,000 gals.; dim. 75 x 37, mat. iron; res. cap., 7,000,000 gals.; 2 pump. eng., class hor., cap. day 7,000,000 gals.; mains, 8 $\frac{1}{2}$ m., 4 to 24 in. dia.; 60 hyd.; met., 68; 189 serv.; pipe, galv. i.; pres., dom. 110 lbs.; cons. day, 500,000 gals.; cost, \$300,000; cost mtce., \$8,000; wks. owned by Co.

MIDWAY, p. 937; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 6 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,000; tot. mem., 16, pd. part time.

Water Supply—Src., cisterns, cap. 100,000 gals. MILLERSBURG, p. 799; f. area, 100 a. F. dept.—2 str., 1 c. eng., 1 comb. c. & h. wag., 1 h. & l. trk., 1 hose reel; hose, cot., rub. lined, gd., 1,200 ft.; val. equip., \$4,575; val. bldgs., \$1,200; exp. dept., \$100; tot. mem., 23, pd. part time.

Water Supply—Src., cisterns.

MORGANFIELD, p. 2,725; f. area, 10 a.; merc. bldgs., bk., 1 to 2 $\frac{1}{2}$ stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk. with hose, 2 c. hand ex., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 500 ft.; tot. hose, 1,300 ft.; f. al., wh.; val. equip., \$1,800; val. bldgs., \$2,000; exp. dept., \$911; tot. mem., 8, pd. full time 1, pd. part time 7.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 60,000 gals.; dim. 40 x 16, mat. iron; res. cap., 250,000 gals.; 2 pump. eng., class dup., cap. day 1,000,000 gals.; mains, 5 m., 4 to 12 in. dia.; 45 hyd.; 115 serv.; pipe, lead & galv. i.; pres., dom. 60 lbs., f. 65 to 120 lbs.; cons. day, 25,000 gals.; cost, \$22,000; cost mtce., \$750; wks. owned by city.

MT. STERLING, p. 3,932; f. area, 1,000 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—2 c. eng., 1 h. & l. trk., 2 hose car., 1 hose wag.; hose, cot., rub. lined, gd., 2,250 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$8,000; exp. dept., \$1,200; tot. mem., 12, pd. full time.

Water Supply—Src., creek, 6 m. bus. cent.; sys., pump to stdp.; stdp. cap., 250,000 gals., dim. 16 x 150, mat. iron; 1 pump. eng., class dup. comp., cap. day 720,000 gals.; mains, iron, 12 m., 4 to 12 in. dia.; 100 hyd.; 50 v.; met., 300; 300 serv.; pipe, iron; pres., dom. 65 to 85 lbs., f. 65 to 85 lbs.; cons. day, 100,000 gals.; wks. owned by Co.

MOUNT OLIVET, p. 321; f. area, 150 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag.; hose, 300 ft.; val. equip., \$800; vol.; undra. rating, sixth class.

Water Supply—Src., cisterns.

MURRAY, p. 2,089; merc. bldgs., stn., bk. & wd. F. dept.—2 hand eng., 1,050 ft. hose; f. al., wh.; val. equip., \$1,000; tot. mem., 9 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 36,000 gals.

NEW CASTLE, p. 468. F. dept.—1 gas eng., 1 h. & l. trk., 500 ft. hose, 1 hr.; f. al., telp.; val. equip., \$2,500; val. bldgs., \$800; exp. dept., \$50; tot. mem., 18 vol.

NEW HAVEN, p. 405. F. dept.—1 hand eng., 500 ft. hose; bell al.; val. equip., \$800; exp. dept., \$40; vol.

NEWPORT, p. 30,809; f. area, 900 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—7 c. hand ex., 1 auto. hose wag., 1 h. & l. trk., 4 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 4,850 ft.; f. al., elec., 45 bx.; exp. dept., \$12,942; tot. mem., 15, pd. full time.

Water Supply—Src., riv., 6 m. bus. cent.; sys., pump to res. dir. & grav.; res. cap., 50,000,000 gals.; loc. 3 m. city; 2 pump. eng., class vertical, triple expansion & vertical twin cross-comp., cap.

day 9,000,000 gals.; mains, c. l. 45 m., 4 to 20 in. dia.; 210 hyd.; met., 2,260; 6,297 serv.; 658 v.; pipe, lead; pres., dom. 85 lbs.; f. 85 lbs.; cons. day, 2,707,000 gals.; cost, \$850,000; cost mtce., \$25,000; wks. owned by city.

NICHOLASVILLE, p. 2,935; f. area, 250 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 300 ft.; tot. hose, 2,300 ft.; f. al., bell & elec., 16 bx.; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$750; tot. mem. 13, pd. full time 2, pd. part time 11.

Water Supply—Src., creek & wells, 2½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 150,000 gals.; res. cap., 5,000,000 gals.; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. l. 4½ m., 4 to 10 in. dia.; 65 hyd.; met., 60; 175 serv.; pipe, galv. i. & lead; pres., dom. 50 lbs., f. 50 to 80 lbs.; cons. day, 75,000 gals.; cost, \$55,000; cost mtce., \$2,800; wks. owned by Co.

NORTH MIDDLETOWN, p. 390. F. dept.—1 h. & l. trk.; vol.

OWENSBORO, p. 16,011; f. area, 960 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 4 c. hand ex., 1 h. & l. trk., 2 hose cart., 1 hose wag., 10 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 1,000 ft.; tot. hose, 3,000 ft.; f. al., Gaynor, 28 bx.; val. equip., \$12,000; val. bldgs., \$18,000; exp. dept., \$17,000; tot. mem. 18, pd. full time.

Water Supply—Src., wells; 36 strainers in sand bar opposite pump. station; sys., pump dir.; 2 pump. eng., class vertical, comp. condensing, size 15 x 30 x 26, 20 x 40 x 36, cap. day 2,000,000 gals.; mains, c. l. 36 m., 4 to 20 in. dia.; 340 hyd.; 200 v.; met., 90; 1,900 serv.; pipe, lead & iron; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 1,000,000 gals.; wks. owned by Co.

OWENTON, p. 1,014. F. dept.—1 str., 1 gasoline f. eng., 2 c. eng., 2 hose carts, 1 h. & l. trk.; hose, 1,500 ft.; tot. mem. 25 vol., pd. part time.

Water Supply—Src., cisterna.

OWINGSVILLE, p. 942; vol. F. dept.—1 comb. auto. gasoline eng., 800 ft. gd. hose; f. al., elec.; vol.

Water Supply—Src., wells & cisterna.

PADUCAH, p. 22,760; f. area, 12 a.; merc. bldgs., stn., bk. & wd., 1 to 10 stor.; priv., bk. & wd., 1 to 3 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 10 c. hand ex., 1 h. & l. trk., 1 aer. trk., 4 comb. c. & hose wag., 2 hose cart.; 1 chief's auto., 16 hrs.; hose, cot., rub. lined, gd., 14,100 ft.; rub. gd., 800 ft.; tot. hose, 14,900 ft.; f. al., Gamewell, 38 bx.; val. equip., \$64,570; val. bldgs., \$45,500; exp. dept., \$4,000; tot. mem., 38, pd. full time.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; stdp. cap., 500,000 gals.; dim., 25 x 80; mat., stl.; res. cap., 6,000,000 gals.; 7 pump. eng., class vertical, cap. day 28,500,000 gals.; mains, c. l. 39½ m., 6 to 18 in. dia.; 451 hyd.; met., 224; 4,400 serv.; 138 v.; pipe, lead & galv. i.; pres., dom. 40 lbs., f. 140 lbs.; cons. day, 3,000,000 gals.; wks. owned by Co.

PARIS, p. 5,859; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 2 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 300 ft.; tot. hose, 2,300 ft.; f. al., Gamewell, 20 bx.; val. equip., \$7,500; val. bldgs., \$6,000; exp. dept., \$3,500; tot. mem., 8, pd. full time 3, pd. part time 2, vol. 3; undrs. rating, fourth class.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 300,000 gals.; dim., 25 x 55, loc. 1 m. station; mat., iron; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. l. 10 m., 4 to 12 in. dia.; 114 hyd.; met., 30; 980 serv.; pipe, galv. i.; pres., dom. 35 to 70 lbs., f. 100 to 125 lbs.; cons. day, 241,547 gals.; wks. owned by Co.

PERRYVILLE, p. 407. No f. dept.

Water Supply—Src., Chaplin riv. runs through town.

PIKEVILLE, p. 1,230. F. dept.—4 hose carts, 1,500 ft. hose, 1 h. & l. trk.; f. al., bell & wh.; tot. mem., 27 vol.

Water Supply—Src., riv.; sys., grav. & pump to

stdp.; res. cap., 200,000 gals.; stdp., 12 x 50, cap. 200,000 gals.; 2 pumps, cap. 1,200,000 gals. day; pres., 120 lbs.; mains, 7,000 ft., 4 to 6 in. dia.; 18 hyd.

PINEVILLE, p. 2,161; merc. bldgs., stn., bk. & wd., 2 stor.; priv., wd., 1½ stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose cart.; hose, cot., rub. lined, gd., 300 ft.; rub. gd., 400 ft.; tot. hose, 700 ft.; f. al., wh.; val. equip., \$250; tot. mem., 35 vol.; undrs. rating, fourth class.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., grav. pump to res.; res. cap., 200,000 gals., loc. on hill above city; 1 pump. eng., cap. day 720,000 gals.; mains, c. l. 8 m., 2 to 8 in. dia.; 25 hyd.; 50 v.; 2 met.; 200 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 90 lbs.; cons. day, 250,000 gals.; cost, \$55,000; cost mtce., \$1,600; wks. owned by priv. Corp.

PRINCETON, p. 3,015; f. area, 160 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 1 & 1 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 1 hose reel; hose, cot., rub. lined, 1,000 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$500; tot. mem. 13, pd. full time 1, pd. part time 11; vol. pd. for actual ser.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., pump dir.; res. cap., 250,000 gals.; 2 pumps, class comp., cap. day 750,000 gals.; mains, c. l. 6 m., 4 to 8 in. dia.; 67 hyd.; 58 v.; met., 15; 15 serv.; pipe, lead; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$35,000; wks. owned by city.

PROVIDENCE, p. 2,084; f. area, 4 sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 hand wag.; hose, cot., rub. lined, gd., 500 ft.; f. al., wh.; val. equip., 300 vol.

Water Supply—Src., cisterna.

RICHMOND, p. 5,340; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—1 hose wag., 1 reel; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$5,000; exp. dept., \$600; tot. mem. 15, 2 pd. full time, 13 pd. part time; undrs. rating, second class.

Water Supply—Src., spr. & creek, 2½ m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 130,000 gals.; res. cap., 100,000,000 gals.; 2 pump. eng., class comp., cap. day 3,000,000 gals.; mains, c. l. 12½ m., 4 to 12 in. dia.; 96 hyd.; 65 v.; met., 50; 600 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 75 to 100 lbs.; cons. day, 304,000 gals.; cost, \$190,000; cost mtce., \$10,000; wks. owned by Co.

ROCHESTER, p. 427. No f. dept.

Water Supply—Src., well; res. cap., 10,000 gals.; 15 hyd.

RUSSELLVILLE, p. 3,111; f. area, 258 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. perm.; fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 300 ft.; inf., 400 ft.; tot. hose, 1,500 ft.; val. equip., \$1,800; val. bldgs., \$1,000; exp. dept., \$120; tot. mem. 24, pd. part time; undrs. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump to res. & dir.; res. cap., 50,000 gals.; 2 pump. eng., class comp. dup.; cap. day, 150,000 gals.; mains, c. l. 4 m., 6 to 8 in. dia.; 32 hyd.; 8 v.; 180 met.; pres., dom. 75 lbs., f. 150 lbs.; cons. day, 75,000 gals.; cost, \$10,000; cost mtce., \$5,000; wks. owned by city.

SADIEVILLE, p. 467; f. area, 20 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 38 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart.; hose, 450 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$350; exp. dept., 330; tot. mem., 22 vol.

Water Supply—Src., cisterna, cap. 15,000 gals.

SEBREE, p. 1,500. F. dept.—Vol.; 1 hand eng., 500 ft. hose.

Water Supply—Cisterna.

SHARPSBURG, p. 410. F. dept.—1 comb. c. eng. & hose wag.; vol.

SHELBYVILLE, p. 3,412; f. area, 400 a.; merc. bldgs., bk. & stn., 2 stor.; priv., bk. & wd., 2 stor.; wd. rls. perm.; fwks. & combt. ord. F. dept.—1 str., 2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$2,000; exp. dept., \$700; undra. rating, fourth class.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; dim., 116 ft. high, loc. 800 ft. station; mat., bk. & stl.; res. cap., 26,000,000 gals., loc. at station; 2 pump. eng., cap. day 1,000,000 gals.; mains, 5 m., 4 to 8 in. dia.; 55 hyd.; 5 v.; met., 100; 250 serv.; pipe, iron; pres., dom. 40 to 80 lbs., f. 40 to 80 lbs.; cons. day, 100,000 gals.; wks. owned by Co.

SOMERSET, p. 4,491; f. area, 300 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rls. perm.; no fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 hose carts, 2 hose car.; hose, 900 ft.; f. al., bell; val. equip., \$1,600; tot. mem., 20 vol.; undra. rating, second class.

Water Supply—Src., creek, 1½ m. bus. cent.; sys., pump to res.; res. cap., 12,000,000 gals.; 2 pump. eng., size 16 x 8 x 10, 14 x 9½ x 18, cap. day 720,000 gals.; mains, c. l., 5½ m.; 59 hyd.; met., 40; 1,500 serv.; pipe, galv. i.; pres., dom. 72 lbs., f. 140 lbs.; cons. day, 300,000 gals.; cost, \$45,000; cost mtce., \$4,000; wks. owned by Co.

SPRINGFIELD, p. 1,329; f. area, 8 blocks; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rls. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—26 c. hand ex., 2 h. & 1 trk., 1 hose wag., 2 hose car.; hose, 1,300 ft.; f. al., bell; exp. dept., \$75; tot. mem., 30 vol.

Water Supply—Src., surface water, ¼ m. bus. cent.; sys., pump dir. to mains; res. cap., 80,000,000 gals.; 3 pump. eng., cap. day 350,000 gals.; mains, c. l., 4½ m., 4 to 8 in. dia.; 27 hyd.; 16 v.; 6 met.; 350 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 125 lbs.; cons. day, 75,000 gals.; cost, \$20,000; wks. owned by Co.

STANFORD, p. 1,532; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rls. perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 750 ft.; inf., 50 ft.; tot. hose, 800 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 35 vol.; undra. rating, fourth class.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump dir.; res. cap., 7,000,000 gals.; loc. 120 ft. station; 2 pump. eng., cap. day 1,000,000 gals.; mains, iron, 7 m., 4 to 8 in. dia.; 42 hyd.; 350 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 100 lbs.; cost, \$62,324; cost mtce., \$700; wks. owned by Co.

UNIONTOWN, p. 1,356; merc. bldgs., bk. F. dept.—2 c. eng., 1 h. & 1 trk., 1 hose car.; hose, 1,000 ft.; f. al., bell; tot. mem., 16 vol.

Water Supply—Src., riv. & cisterns; sys., pump.

VANCEBURG, p. 1,145; f. area, 250 a.; bldgs., stn., bk. & wd., 2 stor. F. dept.—1 str., 12 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$1,600; val. bldgs., \$100; vol.; undra. rating, first class.

Water Supply—Src., wells & cisterns.

VERSAILES, p. 2,268; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rls. perm.

in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 2 hose car., 2 hrs.; hose, rub. lined, gd., 1,200 ft.; 500 ft. cot. hose; tot. hose, 1,700 ft.; f. al., bell; val. bldgs., \$7,000; tot. mem., 12, pd. part time.

Water Supply—Src., res. & wells; wells cap., 75 gals. min.; 6 cisterns, cap. 48,000 gals.; 4 pump. eng., class dup., cap. 1,331,200 gals. day; mains, 5 m., 10 in. dia.; 55 hyd.; pres., dom. 60 to 70 lbs., f. 80 to 150 lbs.

WARSAW, p. 900; vol. dept.; 1 h. & 1 trk., 1 eng., 1,000 ft. hose.

Water Supply—5 cisterns.

WEST POINT, p. 782; f. area, 20 a.; merc. bldgs., wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rls. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., c. hand ex., 1 h. & 1 trk., 1 hose wag.; f. al., bell; val. equip., \$500; vol.

WICKLIFFE, p. 989. F. dept.—3 hose carts; hose, 1,500 ft.; tot. mem., 9.

Water Supply—Src., deep well; sys., pump to stdp. & dir.; stdp. cap., 40,000 gals.; res. cap., 42,000 gals.; mains, 4 m.; 27 hyd.; pres., 125 lbs.

WILLIAMSBURG, p. 2,004; f. area, 400 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rls. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. on wls., 1 h. & 1 trk., 25 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. bldgs., \$1,000; tot. mem., 20 vol.

Water Supply—Not reported.

WILLIAMSTOWN, p. 800. F. dept.—1 c. eng., 1 hand eng., 1 h. & 1 trk., 1 hose cart; hose, 600 ft.; tot. mem., 25 vol.

Water Supply—Src., wells & cisterns.

WILMORE, p. 3,000; f. area, 150 a. F. dept.—1 str., 700 ft. hose; val. equip., \$700; tot. mem., 25 vol.

Water Supply—Src., cisterns.

WINCHESTER, p. 7,156; f. area, 1,131 a.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rls. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 1 auto. comb. c. & h. wag., 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; rub. gd., 500 ft.; tot. hose, 4,000 ft.; f. al., elec., 9 bx.; val. equip., \$10,000; val. bldgs., \$25,000; exp. dept., \$2,500; tot. mem., 57, pd. full time 2, vol. 55.

Water Supply—Src., creeks & spr., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 275,000 gals.; dim., 25 x 75; mat., iron; 2 pump. eng., class dup., cap. day 700,000 gals.; mains, c. l., 10 m., 6 to 12 in. dia.; 88 hyd.; 37 v.; met., 7; 180 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 90 lbs.; cons. day, 107,426 gals.; cost, \$193,594; wks. owned by Co.

Places with a population of 1,000 or more having no organized fire dept.—Cloverport, Columbus, Harlan, Irvine, Jackson, Livermore, London, Marion, Monticello, Morehead, Mt. Washington, Pembroke, Scottsboro, Gebree, Sturgis.

Places with a population of 1,000 or more not reported—Erlanger, Greensburg, Lebanon Junction, Wingo.

LOUISIANA

ABBEVILLE, p. 2,907. F. dept.—1 hand eng., 1 h. & 1 trk., 5 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; new cotton-lined standard hose, 1,750 ft.; tot. hose, 2,750 ft.; f. al., bell; tot. mem., 60 vol.; undra. rating, third class.

Water Supply—Src., riv. & 3 artesian wells; mains, 10 in. dia.; pres., dom. 45 lbs., constant 100 lbs., f. 125 lbs.

ALEXANDRIA, p. 11,213; f. area, 1,000 a.; merc. bldgs., bk., stn. & wd., 1 to 6 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rls. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 2 hose car., 7 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell & elec., 18 bx.; val. equip., \$8,000; val. bldgs., \$40,000; exp. dept., \$12,000; tot. mem., 10, pd. full time.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 210,560 gals.; dim., 140 x 16;

res. cap., 300,000 gals.; 2 pump. eng., class dup., cap. day 2,000,000 gals.; mains, 8½ m., 4 to 10 in. dia.; 78 hyd.; 55 serv.; pipe, galv. i.; pres., dom. 25 lbs., f. 100 lbs.; cons. day, 500,000 gals.; cost, \$40,000; wks. owned by city.

ALGIERS (Part of New Orleans 5th Dist.)

AMITE, p. 1,677; f. area, 1,280 a.; bldgs., wd., 1 & 2 stor.; wd. rls. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 1 hose car.; hose, rub. gd., 500 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$500; tot. mem., 70 vol.; undra. rating, fourth class.

Water Supply—Src., 5 underground tk., cap. 3,000 gals. each; cost, \$350.

BATON ROUGE, p. 14,897; f. area, 1,400 a.; merc. bldgs., bk., wd. & conc., 1 to 6 stor.; priv.,

wd. bk. & conc., 1 & 3 stor.; wd. rfs. perm. outside bus. portion; fwks & combt. ord.; causes of f. inv. F. dept.—1 aer. trk., 4 hose wag., 10 hrs.; hose, cot., rub. lined, gd., 2,100 ft.; rub. lined, fair, 250 ft.; tot. hose, 2,350 ft.; f. al., Gamewell, 25 bx.; val. equip., \$5,000; val. bldgs., \$20,000; exp. dept., \$7,700; tot. mem. 130, pd. full time 5, vol. 125; undra. rating, second class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 132,000 gals.; dim., 15 x 100; mat., stl.; res. cap., 1,000,000 gals., loc. near pump. station; 3 pump. eng., class comp. dup., cap. day 4,000,000 gals.; mains, c. i., 15 m., 4 to 12 in. dia.; 150 hyd.; 40 v.; met., 1,500; 2,000 serv.; pipe, lead & galv. i.; pres., dom. 40 lbs., f. 110 lbs.; cons. day, 750,000 gals.; cost, \$200,000; cost mtce., \$15,000.

BASTROP, p. 854; vol. dept., 20 men; 1 hose cart, 1,000 ft. hose.

Water Supply—Src., wells & tk.; sys., grav.; stdp. cap., 42,000 gals.; 1 pump, cap. 120,000 gals. day; mains, 1½ m., 2 to 4 in. dia.; 8 hyd.; dom. pres. 25 lbs., f. pres. 60 lbs.

BAYOU SARA, p. 630; vol. dept., 100 men; 3 hose carts, 1,500 ft. hose; telp. al.

Water Supply—Src., wells, cap. 35,000 gals.; sys., grav.; 2 pumps, cap. day 375,000 gals. each; pres., 48 lbs.; 19,000 ft. mains, 4 to 8 in. dia.; 23 hyd.

BUNKIE, p. 3,000. F. dept.—3 hose reels, 1 h. & l. trk.; f. al., bell; val. equip., \$15,000; vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 1 pump. eng.; 20 hyd.; cost, \$18,000; cost mtce., \$600; wks. owned by city.

COVINGTON, p. 2,601. F. dept.—2 hand eng., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 3 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 700 ft.; f. al., telp., 32 bx.; val. equip., \$3,000; tot. mem., 60 vol.

Water Supply—Src., wells; sys., pump to tk. dir. & grav.; tk. cap., 30,000 gals.; 2 pumps, cap. day 250,000 gals.; pres., 100 lbs.; wks. owned by Co.

CROWLEY, p. 5,099; merc. bldgs., bk. & bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 h. & l. trk., 3 hose carts, 6 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 300 ft.; tot. hose, 2,300 ft.; f. al., bell & wh., 4 bx.; val. equip., \$3,500; val. bldgs., \$850; exp. dept., \$1,600; tot. mem., 55 vol.; undra. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. dim., 16 x 110; mat., stl.; 2 pump. eng., class dup.; mains, c. i., 6 to 8 in. dia.; 37 hyd.; 278 serv.; pipe, galv. i.; pres., dom. 43 lbs., f. 75 lbs.; wks. owned by city.

DELMH, p. 685; merc. bldgs., bk., 1 to 2 stor.; priv., wd., 1 to 2 stor.; fwks & combt. ord.; causes of f. inv. F. dept.—Good bucket brigade.

Water Supply—Src., well, 100 yds. bus. cent.; 1 gasoline eng., 12,000 gal. tk.

DE RIDDER, p. 3,500; f. area, 200 a. F. dept.—2 hose reels, 1 h. & l. trk.; val. equip., \$1,500; val. bldgs., \$250; tot. mem., 35 vol.; undra. rating, third class.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals.; 3 pump. eng., cap. day, 2,304,000 gals.; mains, 4 m., 2 to 8 in. dia.; 9 hyd.; 6 v.; 6 serv.; pres., dom. 45 lbs., f. 135 lbs.; cons. day, 400,000 gals.; cost, \$18,000; cost mtce., \$3,500; wks. owned by priv. Co.

DONALDSONVILLE, p. 4,090; f. area, 900 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 2 c. eng. on wls., 1 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub., 1,200 ft.; tot. hose, 1,750 ft.; f. al., bell & wh.; val. equip., \$23,000; val. bldgs., \$10,000; exp. dept., \$700; tot. mem., 125 vol.

Water Supply—Src., Mississippi riv., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; dim., 90 x 9; 2 pump. eng., class comp. dup., cap. day 4,000,000 gals.; mains, 8 m., 4 to 8 in. dia.; 36 hyd.; met., 8; 225 serv.; pipe, galv. i.; pres., dom. 38 lbs., f. 140 lbs.; cost, \$25,000; cost mtce., \$1,065; wks. owned by city.

EUNICE, p. 1,684; f. area, 75 a.; merc. bldgs., wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs.

perm. in f. a.; fwks & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 2 hose wag.; hose, 1,800 ft.; val. bldgs., \$300; tot. mem., 53 vol.

Water Supply—Waterwks. sys. being installed. FARMERVILLE, p. 598. F. dept.—Bucket brigade.

Water Supply—Src., wells.

FRANKLIN, p. 3,857; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$7,000; val. bldgs., \$8,000; tot. mem., 71 vol.

Water Supply—Src., wells & Bayou Teche; sys., pump to stdp.; stdp. cap., 105,000 gals.; dim., 120 x 12; 2 pump. eng., class dup., cap. day 1,440,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 58 hyd.; pres., dom. 55 lbs., f. 100 lbs.; cost, \$25,000.

GRETTA, p. 4,000; f. area, 3 m.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks & combt. ord.; causes of f. inv. F. dept.—4 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 water tower, 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; inf., 1,500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$6,000; exp. dept., \$500; tot. mem., 100 vol.

Water Supply—Src., wells.

HAMMOND, p. 2,942; f. area, 125 to 150 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 c. eng. on wls., 1 str., 2 hand eng., 22 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose car.; hose, cot., rub. lined, 1,200 ft.; f. al., bell & wh., 10 bx.; val. equip., \$4,000; val. bldgs., \$1,000; tot. mem., 40 vol.

Water Supply—Src., wells, cap. 700 gals. mix.; sys., pump to stdp. & res.; stdp. cap., 60,000 gals.; mat., stl.; res. cap., 120,000 gals.; 2 pump. eng., cap. 720,000 gals. day; 3¼ m. mains, 4 to 10 in.; 38 hyd.

HOMER, p. 1,855; merc. bldgs., bk. & wd. F. dept.—1 h. & l. wag., 8 hose carts, 1,500 ft. new hose, bucket brigade; f. al., bell & wh.

Water Supply—Src., wells & cisterna.

HOUMA, p. 5,024; f. area, 640 a.; merc. bldgs., wd. & bk., 1 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 comb. h. & l. trk. & c. eng., 1 c. eng., 15 c. hand ex., 1 hose car., 1 hra.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 600 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$3,500; exp. dept., \$500; tot. mem., 50 vol.

Water Supply—Src., riv., at bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals.; dim., 9½ x 48, loc. centrally; mat., stl.; 2 pump. eng.; mains, c. i., 6¼ m., 4 to 8 in. dia.; 57 hyd.; cost, \$21,000; cost mtce., \$1,000; wks. owned by city.

JEANERETTE, p. 2,206; f. area, 560 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 3 hose car., 4 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 35 vol.; undra. rating, third class.

Water Supply—Src., well & Bayou Teche; sys., pump to stdp.; stdp. cap., 24,000 gals.; pump. eng., cap. day 18,000 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 30 hyd.; 143 serv.; pres., dom. 55 lbs., f. 110 lbs.; cost, \$12,000; cost mtce., \$400; wks. owned by city.

JENNINGS, p. 3,925; merc. bldgs., bk. & wd. F. dept.—1 h. & l. trk., 2 hose car., 1 hose wag.; hose, 2,000 ft.; f. al., bell & wh.; tot. mem., 14 vol.

Water Supply—Src., 2 10-in. wells; sys., grav. & pump.; stdp. cap., 75,000 gals.; pres., 70 lbs.; mains, 2½ m., 6 to 8 in. dia.; 31 hyd.

KENTWOOD, p. 4,000; f. area, 40 a. F. dept.—1 h. & l. wag., 2 hose carts, 1,500 ft. hose; val. equip., \$1,500; val. bldgs., \$150; tot. mem., 33 vol.

Water Supply—Src., well in bus. cent.; sys., grav.; 2 pump. eng., cap. day 400,000 gals.; 41 hyd.; 260 serv.; mains, 4 m.; pres., dom. 70 lbs., f. 120 lbs.; cost, \$50,000; wks. owned by city.

LAFAYETTE, p. 6,392. F. dept.—3 comb. c. & h. wag., 1 c. hand ex., 1 h. & l. trk.; hose, cot.

rub. lined, gd., 3,500 ft.; f. al., bell, telp. & wh.; val. equip., \$3,000; exp. dept., \$1,500; tot. mem., 175 vol.; undrs. rating, third class.

Water Supply—Src., 3 6-in. wells, $\frac{1}{2}$ m. bus. cent.; sys., air lift, grav., pump to res., to stdp. & dir.; stdp. cap., 106,000 gals.; dim., 125 x 12, loc. at station; mat. iron; res. cap., 90,000 gals.; loc. at station; 2 pump. eng., class dup., size 20 x 15 x 18, cap. day 2,500,000 gals.; mains, 6 2-5 m., 4 to 8 in. dia.; 65 hyd.; pres., dom. 80 lbs., f. 160 lbs.; wks. owned by city.

LAKE CHARLES, p. 1,149; f. area, 12 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 comb. c. hose & l. trk., 1 hose reel, 9 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 20 bx.; val. equip., \$11,000; val. bldgs., \$4,000; tot. mem., 7, pd. full time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 169,000 gals.; dim., 16 x 110; mat., stl.; 3 pump. eng., class dup., cap. day 7,500,000 gals.; mains, c. i., 10 m., 6 to 12 in. dia.; 120 hyd.; 41 v.; 500 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 1,670,000 gals.; cost, \$95,000; cost mtce., \$500; wks. owned by Co.

LAKE PROVIDENCE, p. 1,568; f. area, 15 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 hose reels, 2 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 800 ft.; inf., 800 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$1,500; vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 60,000 gals.; dim., 30 x 27; mat., stl.; res. cap., 28,000 gals.; 1 pump; mains, c. i., 3 m., 4 to 8 in. dia.; 32 hyd.; 22 v.; 12 met.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$42,000; cost mtce., \$5,110; wks. owned by city.

LEESVILLE, p. 2,043. F. dept.—1 c. eng., 1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 1,500 ft.; f. al., telp. & wh.; val. equip., \$4,600; val. bldgs., \$3,000; exp. dept., \$700; tot. mem., 32, pd. full time 2, vol. 30.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 65,000 gals.; res. cap., 40,000 gals.; 2 pumps, cap. day, 500,000 gals.; mains, 3 m., 2 to 6 in. dia.; 25 hyd.; pipe, c. i.; pres., dom. 60 lbs., f. 100 lbs.; owned by priv. Co.

MINDEN, p. 3,002; merc. bldgs., bk. F. dept.—4 hose car.; hose, 1,900 ft.; f. al., bell.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; res. cap., 162,000 gals.; 1 pump. eng., class comp. dup., cap. day, 1,000,000 gals. mains, c. i., 6 m., 4 to 10 in. dia.; 55 hyd.; 60 met.; 230 serv.; pipe, galv. i.; pres., dom. & f. 50 to 85 lbs. cons. day, 50,000 gals.; cost, \$39,000; wks. owned by city.

MONROE, p. 10,209; f. area, 1,200 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car., 6 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$11,000; val. bldgs., \$8,000; exp. dept., \$3,500; tot. mem., 30, pd. full time 4, pd. part time 26.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 185,000 gals.; dim., 16 x 120; mat., stl.; res. cap., 225,000 gals.; loc. at rear of plant; 2 pump. eng., class elec. trip., cap. day 500,000 gals.; mains, c. i. & stl., 8 m., 4 to 12 in. dia.; 88 hyd.; met., 10; 1,750 serv.; pipe, galv. i. & lead; pres., dom. 40 lbs. cons. day, 200,000 gals.; cost, \$40,000; wks. f. 190 lbs.; cons. day, 250,000 gals.; cost, \$115,000; cost mtce., \$28,000; wks. owned by city.

MORGAN CITY, p. 5,477; f. area, 400 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 1 $\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$2,900; tot. mem., 98 vol.; undrs. rating, second class.

Water Supply—Src., Atchafalaya riv.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pumps, class comp. dup., cap. 1,000 gals. min.; 10 m. mains, c. l., 4 to 8 in. dia.

NAPOLEONVILLE, p. 1,201. F. dept.—3 c. eng., 1 h. & l. trk., 1 hand eng., 4 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; tot. mem., 100 vol.

Water Supply—Src., artesian well; sys., pump to res.; res. cap., 400,000 gals.; tk. cap., 50,000 gals.; 1 pump. eng., cap. day 750,000 gals.; mains, 2 m., 6 to 8 in. dia.; 16 hyd.

NATCHITOCHES, p. 2,532; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 4 hose car., 3 hrs.; hose, cot., rub. lined, gd., 550 ft.; rub. gd., 1,100 ft.; tot. hose, 1,650 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 100 vol.; undrs. rating, second class.

Water Supply—Src., wells & spr., 1 m. bus. cent. sys., pump to stdp.; stdp. cap., 90,000 gals.; loc. on hill, cent. town mat., stl.; res. cap., 138,000 gals.; 2 pump. eng., class comp. dup., 60,000 gals. cap. day; mains, c. l., 3 $\frac{1}{2}$ m., 4 to 8 in. dia.; 37 hyd.; 10 v.; 83 met.; pres., dom. 85 lbs., f. 110 lbs.; cost, \$40,000; cost mtce., \$5,400; wks. owned by city.

NEW IBERIA, p. 7,499; f. area, 2,500 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 hand eng., 1 h. & l. trk., 2 hose wag., 5 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; rub. gd., 1,000 ft.; inf., 1,000 ft.; tot. hose, 5,000 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$3,500; exp. dept., \$2,000; tot. mem., 250, pd. full time 3, vol. 247.

Water Supply—Src., cisterns & Bayou Teche, in bus. cent.; sys., pump dir.; res. cap., 30,000 gals.; 2 pump. eng., cap. day 1,250,000 gals.; mains, c. i., 9 m., 4 to 10 in. dia.; 85 hyd.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$50,000; cost mtce., \$7,000; wks. owned by city.

NEW ORLEANS, p. 339,075; f. area, 196 $\frac{1}{4}$ sq. m.; merc. bldgs., stn., bk. & wd., 1 to 11 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. limits; fwks. & combt. ord.; causes of f. inv. F. dept.—30 str., 1 auto. hose str. (3 str. in reserve), 2 auto. c. eng., 4 auto. hose & c. wag., 3 chief's auto., 7 chief's wag. (1 in reserve), 5 fuel wag., 1 auto. comb. c. & l. wag., 5 c. eng. (4 in reserve), 29 c. hand ex., 9 h. & l. trk. (1 in reserve), 2 aer. trk., with tractor, 1 water tower, 1 auto. water tower, 6 hose wag., 8 hose reels (3 in reserve), 146 hrs. (22 hrs. in reserve); hose, cot., rub. lined, 46,950 ft.; f. al., Gamewell storage, 323 bx.; val. equip., \$402,457; val. bldgs., \$350,000; exp. dept., \$482,179; tot. mem., 460, pd. full time.

Water Supply—Src., Mississippi riv., in bus. cent.; sys., pump dir.; res. cap., 16,000,000 gals.; 14 pump. eng., class verticle trip. expansion, hor. comp. dup. & turbine, cap. day 237,500,000 gals.; mains, c. i., 563 $\frac{1}{2}$ m., 4 to 48 in. dia.; 5,503 hyd.; 5,226 v.; 46,311 serv.; 46,152 met.; pipe, lead; pres., dom. 60 to 70 lbs., f. 95 lbs.; cons. day, 17,000,000 gals.; cost, \$8,500,000; wks. owned by city.

NEW ROADS, p. 1,352. F. dept.—2 hose reels; 2 hrs.; f. al., telp., bell & wh.

Water Supply—Src., wells & riv.; stdp. cap., 50,000 gals.; 1 pump. eng., class dup., cap. day, 384,160 gals.; mains, 2 m., 6 to 8 in. dia.; 30 hyd.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 25,000 gals.

OPELOUSAS, p. 4,623. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 1 hose car., 5 hose reels; hose, cot., rub. lined, 2,200 ft.; f. al., bell; tot. mem., 100 vol.; undrs. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; stdp. cap., 75,000 gals.; res. cap., 30,000 gals.; 2 pump. eng., class dup., cap. day 362,000 gals.; mains, c. i., 6 m., 4 to 10 in. dia.; 65 hyd.; 325 met.; 325 serv.; pres., dom. 62 lbs., f. 75 lbs.; cons. day, 260,000 gals.; wks. owned by city.

PLAQUEMINE, p. 4,955; f. area, 350 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm. F. dept.—1 c. eng., 2 comb. c. & h. wag., 1 h. & l. trk., 2 hose wag., 3 hose reels; hose,

cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$1,500; tot. mem., 40 vol.; undrs. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., grav. & pump dir.; res. cap., 30,000 gals.; loc. at station; 2 pump. eng., cap. day 180,000 gals.; mains, lead, 6 m., 2 to 6 in. dia.; 54 hyd.; met., 1; 228 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 120 lbs.; cons. day, 40,000 gals.; cost, \$100,000; cost mtce., \$1,200; wks. owned by city.

PROVIDENCE—Fire dept. not reported.

Water Supply—Src., artesian well, in bus. cent.; sys., grav; stdp. cap., 60,000 gals.; dim., 27 x 20 ft.; mat., stl.; res. cap., 23,000 gals.; 1 pump. eng., cap. day 25,000,000 gals.; mains, c. i., 3 m., 4 to 8 in. dia.; hyd., 32; v., 22; met., 8; pipe, galv. i.; pres., dom. 50 lbs., f. 150 lbs.; cons. day, 50,000 gals.; cost, \$42,000; cost mtce., \$8,110; wks. owned by city.

RAYNE, p. 2,247; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk. with side wall, rf. & aer. ladder, 3 hose car., 1 water tower; hose, cot. rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$2,500; exp. dept., \$100; tot. mem., 44 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 50,000 gals. res. cap., 150,000 gals.; 2 pump. class comp., cap. day, 1,152,000 gals.; mains, 2½ m., 6 to 8 in. dia.; 25 hyd.; 7 v.; 80 met.; 80 serv.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 150,000 gals.; wks. owned by city.

RUSTON, p. 3,377. F. dept.—1 h. & l. trk., 2 hrs., 2 hose carts; hose, cot. rub. lined, gd., 1,200 ft.; f. al., bell, wh.; tot. mem., 21 vol.; undrs. rating, third class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res. & stdp. & dir.; stdp. cap., 80,000 gals., loc. 500 ft. cent. town; mat., stl.; res. cap., 90,000 gals.; 2 pump. eng.; mains, c. i., 7 m., 2 to 8 in. dia.; 72 hyd.; met., 400; 500 serv.; pres., dom. 40 lbs., f. 125 lbs.; cons. day, 500,000 gals.; wks. owned by city.

ST. FRANCISVILLE, p. 966. F. dept.—1 hose wag., 2 hose carts; hose, 2,000 ft.; f. al., bell, tel. & wh.; tot. mem., 90 vol.

Water Supply—Src., wells; sys., pump to tk.; tk. cap., 35,000 gals.; 2 pumps, cap. day 375,000 gals.; mains, 2½ m., 4 to 8 in. dia.; 38 hyd.; dom. pres. 65 to 75 lbs., f. 80 to 125 lbs.

ST. MARTINSVILLE, p. 2,218; f. area, 300 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—1 str., 2 hand eng., 1 h. & l. trk., 5 hose car.; hose, cot. rub. lined, gd., 350 ft.; rub., gd., 2,000 ft.; inf., 150 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$400; exp. dept., \$700; tot. mem., 100 vol.; undrs. rating, fourth class.

Water Supply—Src., Bayou Teche; sys., pump; 2 pump. eng.; mains, 3½ m., 4 to 10 in. dia.; 55 hyd.; 10 v.; pres., f. 100 lbs.; cost, \$80,000; cost mtce., \$3,686; wks. owned by city.

SHREVEPORT, p. 28,015; f. area, 9½ m.; merc. bldgs., std. & bk., 1 to 10 stor.; priv., wd., 1½ stor.; wd. ris. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 str., 16 c. hand ex., 1 triple comb. wag., 1 chief's auto., 1 auto. str. with tractor, 1 auto. aer. trk. with tractor, 2 auto. comb. c. & h. wag., 1 auto. trip. comb. c. & h. wag., 1 auto. pumper & hose wag., 1 auto. electri-

cian's wag., 1 auto. wag. in reserve, 5 comb. c. & h. wag., 11 hrs.; hose, cot. rub. lined, gd., 10,000 ft.; fair, 1,150 ft.; tot. hose, 11,150 ft.; f. al., elec., 58 bx.; val. equip., \$62,000; val. bldgs., \$41,000; exp. dept., \$47,000; tot. mem., 48, pd. full time.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 258,491 gals.; dim., 110 x 20; mat., iron; 2 res., cap. 4,000,000 gals.; 5 pump. eng., class dup., cap. day 12,500,000 gals.; mains, c. i., 34 m., 6 to 16 in. dia.; 398 hyd.; met., 650; 3,190 serv.; 260 v.; pres., dom. 70 lbs., f. 80 to 90 lbs.; cons. day, 3,154,000 gals.; wks. owned by priv. Co.

THIBODAUX, p. 3,224; f. area, 640 a.; merc. bldgs., bk., 3 & 4 stor.; priv., bk. & wd., 1½ stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 4 hose car., 1 hrs.; hose, rub., gd., 1,250 ft.; f. al., bell; val. equip., \$9,000; val. bldgs., \$6,000; exp. dept., \$720; tot. mem., 150 vol.

Water Supply—Src., wells & Bayou Teche; sys., pump to stdp.; stdp. cap., 98,000 gals.; dim., 12 x 116; mat., stl.; 4 pump. eng., class comp. dup., cap. day, 1,180,800 gals.; mains, c. i., 7½ m., 4 to 8 in. dia.; 92 hyd.; 265 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 75 lbs.; cons. day, 150,000 gals.; cost, \$22,500; cost mtce., \$120; wks. owned by town.

VIDALIA, p. 1,345. F. dept.—3 hose carts, 1 h. & l. trk., 1 c. eng., 1,800 ft. hose; f. al., tel.; tot. mem., 15 vol.

Water Supply—Src., lake; sys., pump to res.; stdp. cap., 50,000 gals.; 1 dup. pump. cap. 748, 800 gals. day; 25 hyd.; dom. pres. 45 lbs., f. pres. 110 lbs.

WASHINGTON, p. 1,528; merc. bldgs., wd. F. dept.—2 hose car.; hose, 1,000 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., wells; cap. 400 gals. min.; sys., pump.

WHITE CASTLE, p. 2,289. F. dept. not reported.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 80,000 gals.; res. cap., 80,000 gals.; 1 pump. eng., cap. day 250,000 gals.; pres., dom. 60 to 125 lbs., f. 125 lbs.; cons. day, 250,000 gals.; cost, \$10,000; cost mtce., \$1,200; wks. owned by city.

WINNFIELD, p. 3,000; f. area, 400 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 hand h. & l. trk.; 3 hand hose carts; hose, cot. rub. lined, gd., 1,000 ft.; inf., 2,000 ft.; tot. hose, 3,000 ft.; f. al., tel.; val. equip., \$3,000; tot. mem., 30 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 65,000 gals.; dim. 80 x 9; mat., stl.; res. cap., 150,000 gals.; 2 pump. eng., cap. day, 1,080,000 gals.; mains, c. i., 3 m., 6 to 8 in. dia.; 50 hyd.; pres., dom. 45 lbs., f. 110 lbs.; cons. day, 75,000 gals.; cost, \$40,000; cost mtce., \$3,200; wks. owned by city.

Places with a population of 1,000 or more having no organized fire dept.—Jackson, Kenner, Roseland, Slidell.

Places with a population of 1,000 or more not reported—Bogalusa, Colfax, Gueydon, Haynesville, Lake Arthur, Logansport, Marksaville, Patterson, Ponchatoula, Rayville, Welsh.

MAINE

ALFRED, p. 1,000; f. dept. not reported.

Water Supply—Src., pond, 1 m. bus. cent.; sys., dir. pres.; 2 pump. eng., comb. cap. day 300,000 gal.; mains, 4 m.; 22 hyd.; pres., dom. 90 lbs., f. 100 lbs.; cost, \$30,000; wks. owned by Alfred Wat. Co.

ANSON, p. 1,880; f. area, 100 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1½ stor.; wd. ris. perm.; fwks. & combt. ord. No org. f. dept.—1 hose car.; hose, cot. rub. lined, gd., 600 ft.; inf., 200 ft.; tot. hose, 800 ft.; f. al., wh.

Water Supply—Src., creek; sys., pump dir.; pump. eng., cap. day 576,000 gals.; mains, ¼

m., 2 in. dia.; 5 hyd.; 6 v.; pres., f. 100 lbs.; cost, \$1,602; wks. owned by village.

AUBURN, p. 15,064; f. area, 1,280 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk., wd. & stn., 1 to 3 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 20 c. hand ex., 1 comb. c. & h. wag., 4 hose wag., 1 hose reel, 12 hrs.; hose, cot. rub. lined, gd., 12,600 ft.; f. al., bell, wh. & elec., 31 bx.; exp. dept., \$18,639; tot. mem., 56, pd. full time 9, pd. part time 47.

Water Supply—Src., lake, 3 m. bus. cent.; sys., grav., pump to res.; res. cap., 6,500,000 gals.; 1

pump. eng., class comp., cap. day 2,000,000 gals.; mains, c. i., 35 m., 2 to 24 in. dia.; 133 hyd.; 582 v.; met., 50; 2,100 serv.; pipe, galv. i. & lead; pres., dom. 20 to 50 lbs.; f. 100 lbs.; cons. day, 205,472 gals.; wks. owned by city.

AUGUSTA, p. 18,211; f. area, 1,295 a.; merc. bldgs., bk., 8 to 7 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 1 h. & 1 trk., 2 hose wag., 6 hose carts, 6 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; inf., 4,000 ft.; tot. hose, 10,500 ft.; f. al., elec., 34 bx.; val. equip., \$15,000; val. bldgs., \$6,000; exp. dept., \$11,000; tot. mem., 72, pd. full time 4, vol. 63.

Water Supply—Src., Carlton pond; sys., pump & grav. to res.; res. cap., 6,000,000 gals.; 3 pumps, cap. day 7,000,000 gals.; mains, c. & wrt. i., 44.67 m., 2 to 24 in. dia.; 169 hyd.; 321 v.; met., 28; 2,023 serv.; pipe, galv. i. & lead lined; pres., dom. 75 lbs., r. 130 lbs.; cons. day, 2,108,770 gals.; cost, \$783,063; wks. owned by Augusta Water District.

BANGOR, p. 24,803; f. area, 3,900 a.; merc. bldgs., bk., 4 to 8 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 20 c. hand ex., 1 h. & 1 trk., 1 aer. trk. with water tower, 1 triple comb. h. & c. & l. trk., 5 hose carts, 24 hrs.; hose, cot., rub. lined, gd., 17,600 ft.; f. al., Gamewell, 81 bx.; val. equip., \$66,000; val. bldgs., \$92,000; exp. dept., \$67,780; tot. mem., 109, pd. full time 31, pd. part time 78.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 1,500,000 gals.; dim. 50 x 75, mat. stl.; 3 pump. eng., cap. day 8,000,000 gals.; mains, c. i., 52½ m.; 800 hyd.; 496 v.; met., 100; 5,012 serv.; pipe, galv. i.; pres., dom. 35 to 120 lbs., f. 35 to 120 lbs.; cons. day, 4,000,000 gals.; cost mtce., \$50,000; wks. owned by city.

BAR HARBOR, p. 4,500; f. area, 600 a.; merc. bldgs., bk. & wd., 1 to 6 stor.; priv., bk. & wd., 2 to 4 stor.; fwks. ord.; causes of f. inv. F. dept.—2 str., 18 c. hand ex., 1 h. & 1 trk., 2 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell & wh., 14 bx.; val. equip., \$25,000; val. bldgs., \$27,500; exp. dept., \$8,500; tot. mem., 60, pd. full time 5, vol. 53.

Water Supply—Src., lake; 2½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 1,500,000 gals.; dim. 50 x 75, mat. stl.; 3 pump. eng., cap. day 8,000,000 gals.; mains, c. i., 52½ m.; 800 hyd.; 496 v.; met., 100; 5,012 serv.; pipe, galv. i.; pres., dom. 35 to 120 lbs., f. 35 to 120 lbs.; cons. day, 4,000,000 gals.; cost mtce., \$50,000; wks. owned by city.

BATH, p. 9,396; f. area, 3,200 a.; merc. bldgs., wd. & bk., 3 to 5 stor.; priv., wd. & bk., 2 and 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 comb. c. & h. wag., 1 c. eng., 8 c. hand ex., 2 h. & 1 trk., 3 hose wag., 3 hose cart., 7 hrs.; hose, cot., rub. lined, gd., 8,700 ft.; inf., 200 ft.; tot. hose, 8,900 ft.; f. al., Gamewell, 21 bx.; val. equip., \$19,000; val. bldgs., \$17,000; exp. dept., \$6,000; tot. mem., 63, pd. full time 3, pd. part time 60.

Water Supply—Src., lake, at Woolwich; sys., pump to stdp.; stdp. cap., 600,000 gals.; mat. iron; 3 pump. eng., cap. day 6,000,000 gals.; mains, c. i., 34½ m., 2 to 20 in. dia.; 163 hyd.; 160 v.; met., 156; 2,200 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 80 to 130 lbs.; cons. day, 1,500,000 gals.; cost, \$600,000; wks. owned by Co.

BELFAST, p. 4,618; f. area, 716 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline eng., 6 c. hand ex., 1 h. & 1 trk., 2 hose carts, 2 hose reels; hose, cot., rub. lined, gd., 6,000 ft.; f. al., wh., 11 bx.; val. equip., \$5,000; val. bldgs., \$15,500; exp. dept., \$3,900; tot. mem., 50 vol. 1.

Water Supply—Src., riv. & spr.; sys., grav., pump to res., to stdp. dir.; stdp. cap., 268,000 gals.; dim. 45 x 35, loc. on Wilson Hill, mat. iron; 2 pump. eng., class dup., cap. day 1,750,000 gals.; mains, 10 m., 4 to 10 in. dia.; 63 hyd.; 55 v.; met., 37; 820 serv.; pipe, ¾ in. galv. i.; pres., dom. 80 lbs., f. 80 to 135 lbs.; cons. day, 400,000 gals.; cost, \$235,000; wks. owned by Co.

BERWICK, p. 2,300; f. area, 20 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 comb. c. & h. wag., 5 c. hand ex., 1 hose reel, 1 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 600 ft.; tot. hose, 1,800

ft.; f. al., bell & wh.; val. equip., \$2,200; val. bldgs., \$1,500; exp. dept., \$400; tot. mem., 25, pd. full time.

Water Supply—Berwick Water Co.; 30 hyd.

BETHEL, p. 884; f. area, 1½ m.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 18 c. hand ex., 2 hose wag.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; val. bldgs., \$2,000; exp. dept., \$1,000; tot. mem., 40, pd. part time.

Water Supply—Src., Mountain strm., 4½ m. bus. cent.; sys., grav.; res. No. 1 cap. 100,000 gals., No. 2 cap. 600,000 gals.; mains, c. i., 8 m., 4 to 10 in. dia.; 30 hyd.; v.; 225 serv.; pipe, galv. i.; pres., dom. & f. 85 lbs., cot., \$60,000; cost mtce., \$500; wks. owned by priv. Co.

BIDDEFORD, p. 17,079; f. area, 10 m.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—3 str., 1 hand eng., 10 c. hand ex., 1 comb. c. & h. wag., 1 h. & 1 trk., 1 chief's wag., 2 hose wag., 2 car., 6 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; inf., 1,000 ft.; tot. hose, 8,000 ft.; f. al., Gamewell, 26 bx.; val. equip., \$23,600; val. bldgs., \$32,500; exp. dept., \$13,000; tot. mem., 51, pd. full time 8, pd. part time 43.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., pump to res. & stdp.; res. cap., 8,000,000 gals.; 2 pump. eng., cap. day 7,500,000 gals.; mains, c. i., 50 m., 4 to 20 in. dia.; 207 hyd.; met., 166; 1,708 serv.; pipe, galv. i.; pres., dom. 25 to 85 lbs., f. 25 to 85 lbs.; wks. owned by Co.

BOOTHBAY, Lincoln Co., p. 1,766. F. dept.—2 comb. eng., 2 c. hand ex. 2 h. & 1 trk., 1 hose cart, hose cot.; rub. lined gd. 1,800 ft., inf., 200 ft., tot. hose, 2,000 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$2,000; exp. dept., \$150; tot. mem., 90 vol.

BOOTHBAY HARBOR, p. 2,000; f. area, 250 a.; merc. bldgs., wd. & bk., 1 to 4 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk., 4 hose cart.; hose, cot., rub. lined, gd., 4,500 ft., inf., 250 ft.; tot. hose, 4,750 ft.; f. al., Gamewell, elec., 45 bx.; val. equip., \$5,000; val. bldgs., \$2,500; exp. dept., \$800; tot. mem., 30, pd. when attending f.

Water Supply—Src., lake, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 250,000 gals., dim. 30 x 45, mat. stl.; 2 pump. eng., class comp., cap. day 1,000,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 51 hyd.; 25 v.; met., 12; 350 serv.; pipe, galv. i.; pres., dom. & f. 75 to 85 lbs.; cons. day, 100,000 gals.; cost, \$85,000; wks. owned by city.

BOWDOINHAM—Fire dept.—1 hand eng., 1 hose wag.; hose, cot., rub. lined, gd., 550 ft.; tot. mem., 35 vol.

Water Supply—Src., riv., wells & 2 res.

BREWER, p. 5,667; merc. bldgs., wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 str., 2 h. & 1 trk., 8 c. hand ex., 2 hose wag., 2 hose reels, 3 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; f. al., bell, wh. & elec., 17 bx.; val. equip., \$15,000; val. bldgs., \$4,000; exp. dept., \$35,000; tot. mem., 60, pd. part time.

Water Supply—Src., riv., 4 m. bus. cent.; sys., grav., pump to res., to stdp. & dir.; stdp. cap., 528,768 gals., dim. 30 x 100, mat. stl.; 3 pump. eng., cap. day 4,000,000 gals.; mains, iron, 20 m., 4 to 12 in. dia.; 61 hyd.; 96 v.; met., 22; 1,375 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 80 to 100 lbs.; cons. day, 1,000,000 gals.; wks. owned by Co.

BRIDGTON, p. 2,660. F. dept.—1 str., 1 c. eng., 1 h. & 1 trk., 1 hose cart, 3 hose reels; hose, 2,500 ft.; tot. mem., 43, pd. part time.

Water Supply—Src., lake, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 400,000 gals., dim. 35 to 55 ft., mat. stl.; 1 pump. eng., cap. day 800,000 gals.; mains, c. i., 7½ m., 6 to 10 in. dia.; 45 hyd.; met., 30; 300 serv.; pipe, galv. i.; pres., dom. 45 to 100 lbs., f. 45 to 100 lbs.; cons. day, 150,000 gals.; wks. owned by Co.

BROOKS, p. 669. F. dept.—1 c. eng., 1 hose cart; f. al., bell; tot. mem., 30 vol.

BROWNSVILLE, p. 1,570; f. area, 100 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 hand eng., 1 hose cart; hose, cot., rub.

lined, gd., 1,700 ft.; f. al., bell & wh.; tot. mem., 50 vol.; also 2 priv. f. depts.

Water Supply—Src., spr., cisterns & riv.; sys., grav.

BRUNSWICK and TOPSHAM, p. 6,621; f. area, 1,280 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 2 c. hand ex., 1 h. & l. trk., 2 hose wag., 7 hose carts; hose, cot., rub. lined, gd., 4,000 ft.; rub., gd., 200 ft.; inf., 650 ft.; tot. hose, 4,850 ft.; f. al., wh. with Gamewell attachment; val. equip., \$3,800; val. bldgs., \$2,500; exp. dept., \$4,482; tot. mem., 98 vol.

Water Supply—Src., 80 driven wells, 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 2,500,000 gals., dim. 97 x 50, mat. conc.; pump. eng., cap. day 3,500,000 gals.; mains, c. i., 17 m., 2 to 14 in. dia.; 101 hyd.; 1,000 serv.; pipe, galv. i.; pres., dom. 76 lbs., f. 65 to 76 lbs.; wks. owned by Brunswick & Topsham Water Dist.

BUCKFIELD, p. 1,139; merc. bldgs., wd. & bk., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 300 ft.; tot. hose, 1,100 ft.; val. equip., \$600; tot. mem., 15 vol.

Water Supply—Src., North Pond, 2½ m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, c. i., 22,000 ft., 6 to 10 in. dia.; 21 hyd.; 7 v.; 64 serv.; pipe, galv. i., pres., f. 85 lbs.; cost, \$32,000; wks. owned by Co.

BUCKSPORT, p. 2,900; f. area, 300 a.; merc. bldgs., wd., 1½ to 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—3 hand eng., 24 c. hand ex., 8 hose wag., 6 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; rub., gd., 250 ft.; inf., 200 ft.; tot. hose, 2,250 ft.; f. al., bell & wh.; exp. dept., \$298; tot. mem., 100, pd. part time.

Water Supply—Src., lake, 1 m. bus. cent.; sys., grav.; mains, iron, 5 m., 2 to 10 in. dia.; 10 hyd.; 20 v.; 100 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 35 lbs.; cost, \$22,000; cost mtce., \$600; wks. owned by Co.

CALAIS, p. 6,118; f. area, 300 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 4 hose car., 4 hrs.; hose, cot., rub. lined, gd., 4,800 ft.; inf., 400 ft.; tot. hose, 5,200 ft.; f. al., Gamewell, 15 bx.; val. equip., \$15,000; val. bldgs., \$9,500; exp. dept., \$6,500; tot. mem., 31, pd. full time 3, vol. 28.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 3,500,000 gals.; 3 pump. eng., class comp. dup., cap. day 3,000,000 gals.; mains, 15 m., 2 to 12 in. dia.; 139 hyd.; 62 v.; 1,500 serv.; pipe, galv. i.; pres., f. 85 to 110 lbs.; cons. day, 860,000 gals.; wks. owned by Co.

CAMDEN, p. 3,015; f. area, 300 a.; merc. bldgs., bk., 3 & 4 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 2 Bangor ex. ladders, 1 h. & l. trk., 1 hose wag., 4 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 52 vol.

Water Supply—Src., supply from Mirror Lake; sys., grav.; stdp. cap., 550,000 gals.; dim., 80 x 35, loc. on side of mountain; mat., stl.; 47 hyd.; pres., dom. 120 lbs., f. 120 lbs.

CARIBOU, p. 5,377; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 aer. trk., 2 hose wag.; hose, cot., rub. lined, gd., 2,600 ft.; inf., 500 ft.; tot. hose, 3,100 ft.; f. al., Gamewell, 11 bx.; val. equip., \$3,000; val. bldgs., \$1,500; tot. mem., 23, pd. part time.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals., dim., 30 x 29½; 2 pump. eng., cap. day, 1,000,000 gals.; mains, c. i., 7 m., 2 to 8 in. dia.; 32 hyd.; 22 v.; 200 serv.; pres., dom. 85 lbs., f. 150 lbs.; cons. day, 200,000 gals.; cost, \$125,000; cost mtce., \$1,500; wks. owned by Co.

CASTINE, p. 925. F. dept.—1 h. & l. trk., 1 hand eng., 2 hose carts.

CORINNA, p. 1,170; merc. bldgs., wd. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; tot. mem., 40 vol.

Water Supply—Src., strm.; sys., pump; pump. cap. min., 750 gals.

CUMBERLAND, p. 1,404; merc. bldgs., wd. F. dept.—4 c. hand ex., 1 c. eng., 1 hose reel; f. al., telp.

Water Supply—Not reported.

DAMARISCOTTA, p. 876. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose carts; hose, 2,000 ft.; tot. mem., 60; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$200.

Water Supply—Src., Little Pond; sys., pump; 2 pumps, cap. day 300,000 gals.; 20 hyd.; 350 serv.; mains, 10 m.; pres., dom. 100 lbs.; cost, \$100,000; cost mtce., \$1,000; wks. owned by Co.

DANFORTH, p. 1,292; merc. bldgs., wd., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells & riv.; res. cap., 500,000 gals.; 20 hyd.; pres., 90 lbs.

DEERING, p. 5,353. F. dept.—1 h. & l. trk., 16 hand ex., 9 hose car.; f. al., Gamewell; tot. mem., 100 vol.

Water Supply—Supplied by Portland Water District.

DEXTER, p. 3,530; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord. F. dept.—6 c. hand ex., 1 h. & l. trk., 4 hose wag., hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., Gamewell, 10 bx.; val. equip., \$4,500; val. bldgs., \$4,000; exp. dept., \$1,200; tot. mem., 76, pd. part time.

Water Supply—Src., lake, 1-3 m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals.; pump. eng., cap. 10 hours 350,000 gals.; mains, iron, 6 m., 6 to 12 in. dia.; 79 hyd.; 32 v.; pres., 100 to 150 lbs.; wks. owned by town.

DOVER AND FOXCROFT, p. 3,000; merc. bldgs., bk. & wd. F. dept.—2 hand eng., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., wh., bell & Gamewell 14 bx.; exp. dept., \$1,500; 45 vol.

Water Supply—Src., riv.; 1½ m. bus. cent.; sys., dir. pres., res. cap., 1,000,000 gals., 2 pump. eng. cap., day, 1,000,000 gals.; mains, c. i., 11 m., 4 to 10 in. dia.; 55 hyd.; 62 v., 600 serv.; pipe, galv. i.; pres., dom. & f. 80 lbs., cons. day, 800,000 gals.; cost, \$146,000; cost mtce., \$1,500; wks. owned by city.

EAST LIVERMORE, p. 2,641; bldgs., wd. & bk., 2 stor.; wd. rfs. perm. F. dept.—1 str., 1 hand eng., priv. f. pumps & hose, 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; linen, gd., 500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., Gamewell; val. equip., \$2,000; exp. dept., \$1,500; tot. mem., 25 vol., 1 pd.

Water Supply—Src., Lake, 4 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; 1 pump. eng., cap. day 360,000 gals.; mains, c. i., 10 m., 6 to 12 in. dia.; 38 hyd.; 4 v., 200 met.; pres., dom. 50 lbs., f. 75 lbs.; cost, \$150,000; wks. owned by city.

EASTON, p. 1,215. F. dept.—2 c. eng., 20 c. hand ex.; f. al., bell; tot. mem., 20 vol.

EASTPORT, p. 4,961; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—4 c. hand ex., 1 h. & l. trk., 5 hose car.; 2 hrs., hose, cot., rub. lined, gd., 2,500 ft.; inf., 1,000 ft.; tot. hose, 3,500 ft.; f. al., Gamewell, 12 bx.; val. equip., \$3,000; val. bldgs., \$3,500; exp. dept., \$1,800; tot. mem., 30 vol.

Water Supply—Src., lake, 8 m. bus. cent.; sys., pump to stdp.; stdp. cap., 500,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, iron, 20 m., 8 to 10 in. dia.; 64 hyd.; 600 serv.; pres., dom. 80 lbs., f. 80 lbs.; cost, \$125,000; cost mtce., \$10,500; wks. owned by Co.

EDEN, p. 4,411; f. area, 640 a.; merc. bldgs., wd., 1½ to 6 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 5 hose car., 4 hrs.; hose, cot., rub. lined, gd., 5,300 ft.; f. al., bell; val. equip., \$12,500; val. bldgs., \$1,800; exp. dept., \$3,500; tot. mem., 62, pd. full time 4, vol. 58.

Water Supply—Src., Eagle Lake, 1½ m. bus. cent.; sys., grav.; pres., 75 to 90 lbs.; cost, \$30,000; wks. owned by Bar Harbor Water Co.

ELLSWORTH, p. 3,549; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 3 hand eng., 7 hose carts; hose, cot., rub. lined, gd., 3,800 ft.; inf., 1,100 ft.; tot. hose, 4,900 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$4,000; exp. dept., \$1,800; tot. mem., 49 vol.

Water Supply—Src., lakes, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 300,000 gals.; dim., 25 x 80; 2 pump. eng., cap. day 2,200,000 gals.; mains, iron, 15 m., 2 to 18 in. dia.; 55 hyd.; 110 v.; met., 10; 600 serv.; pipe, galv. i.; pres., dom. 115 lbs., f. 115 lbs.; cons. day, 700,000 gals.; wks. owned by Co.

FAIRFIELD, p. 4,435; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 str., 2 h. & l. trk., 5 c. hand ex., 1 hose wag., 4 hose carts, hose, cot., rub. lined, gd., 3,500 ft.; f. al., Gamewell, 10 bx.; val. equip., \$10,000; val. bldgs., \$3,000; exp. dept., \$1,000; tot. mem., 25 vol.

Water Supply—Src., riv. (see Waterville); sys., pump to res.; res. cap., 3,000,000 gals.; 2 pump. eng., cap. day 4,500,000 gals.; 82 hyd.; met., 10; pres., f. 95 lbs.; wks. owned by Co.

FALMOUTH, p. 1,511. F. dept.—4 c. eng., 10 hand ex.; tot. mem., 10 vol.

FARMINGTON, p. 3,210; f. area, 200 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 str., 1 h. & l. trk., 1 ex. ladder, 1 supply wag., 2 hose car.; hose, rub., gd., 2,300 ft.; inf., 1,500 ft.; tot. hose, 3,800 ft.; f. al., elec., 6 bx.; val. equip., \$12,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 20 vol.; undrs. rating, first class.

Water Supply—Src., pond, 5½ m. bus. cent.; sys., grav.; stdp. cap., 250,000 gals.; dim., 25 x 40, loc. at Powder House Hill; mat., iron; 1 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 16 m., 4 to 10 in. dia.; 51 hyd.; met., 3; 566 serv.; pipe, galv. i.; pres., dom. 85 lbs., f. 85 to 100 lbs.; cons. day, 92,072 gals.; cost, \$146,500; cost mtce., \$450; wks. owned by Corp.

FORT FAIRFIELD, p. 4,881; f. area, 900 a.; merc. bldgs., wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,700 ft.; inf., 300 ft.; tot. hose, 3,000 ft.; f. al., Gamewell, 12 bx.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$400; tot. mem., 28, pd. part time.

Water Supply—Src., brook; sys., grav.; mains, 3 m., 10 in. dia.; 20 hyd.; 3 v.; 8 hose pipes; 6 nozzles; met., 2; 66 serv.; pres., dom. 65 lbs., f. 65 lbs.; cost, \$30,000; wks. owned by Co.

FORT KENT, p. 3,810; f. area, 160 a. F. dept.—3 hose carts, c. hand ex., axes, hooks & ladders; val. equip., \$3,000; tot. mem., 36, pd. part time.

Water Supply—Src., str., in bus. cent.; sys., grav.; 40 hyd.; 4 v.; mains, 2,200 ft.; pres. 110 lbs.; cost, \$55,000; wks. owned by priv. Co.

FREEPOT, p. 2,339. F. dept.—2 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; inf., 200 ft.; tot. hose, 2,200 ft.; f. al., bell & wh.; val. equip., \$2,200; val. bldgs., \$700; exp. dept., \$400; tot. mem., 25 vol.; undrs. rating, second class.

Water Supply—18 hyd.; pres., 60 lbs.

FRYEBURG, p. 1,876; bldgs., wd., 1½ & 2 stor.; wd. rfs. perm. No org. f. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,000.

Water Supply—Src., mountain str., sys., grav.; res. cap., 500,000 gals.; mains, 7 m., 6 to 10 in. dia.; 19 hyd.; 10 v.; 200 serv.; pipe, c. i.; pres., dom. 60 lbs., f. 60 lbs.; cost, \$33,000; cost mtce., \$140; wks. owned by Co.

GARDINER, p. 5,311; f. area, 1,280 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks & combt. ord. F. dept.—3 str., 10 c. hand ex., 1 h. & l. trk., 1 hose wag., 6 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., wh. & telp., 6 bx.; val. equip., \$20,000; val. bldgs., \$5,000; tot. mem., 87 vol.

Water Supply—Src., Cobscook Contee riv.; sys., pump to res. & dir.; res. cap., 2,000,000 gals.; 2 pump. eng., class trip, cap. day 3,400,000 gals.; mains, c. i., 15 m., 2 to 12 in. dia.; 75 hyd.; 1,370 serv.; pipe, galv. i.; pres., dom. 40 to 95 lbs.,

f. 40 to 95 lbs.; cons. day, 640,000 gals.; wks. owned by Gardiner Water District.

GORHAM, p. 2,822; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., 2 stor.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car., reels, &c.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell & wh.; val. equip., \$1,500; tot. mem., 33 vol.

Water Supply—Src., lake, 8 m. bus. cent.; sys., pump to stdp.; stdp. cap., 340,000 gals.; dim., 36 x 50; mat., iron; 2 pump. eng., cap. day 1,600,000 gals.; mains, iron, 6 to 8 in. dia.; 35 hyd.; cost, \$50,000; wks. owned by Co.

GOULDSBORO, p. 1,259; f. area, 500 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; no fwks & combt. ord. No org. f. dept.

Water Supply—Src., pond, 2½ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 28,000 gals.; pump. eng., cap. day 350,000 gals.; mains, 3 m., 6 to 8 in. dia.; 5 hyd.; 60 serv.; pres., f. 100 lbs.; cost mtce., \$1,000; wks. owned by Co.

GRAY, p. 1,000. F. dept.—2 c. hand ex.; val. equip., \$600; vol.

No water works.

GUILFORD, p. 1,800. F. dept.—3 hose carts; hose, cot., rub. lined, gd., 1,600 ft.; inf. 600 ft.; tot. hose, 2,200 ft.; val. equip., \$1,300; val. bldgs., \$500; exp. dept., \$150; tot. mem., 16, pd. part time.

Water Supply—Two pumps (belong to factory), cap. 500,000 gals. day; 7 hyd.; pres., 80 lbs.

HALLOWELL, p. 2,864; f. area, 1,280 a.; merc. bldgs., bk., str., & wd., 3 & 4 stor.; priv., wd., 2 & 2½ stor.; wd. rfs. perm. in f. area; fwks & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng. on wls., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose reels, 12 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$15,000; val. bldgs., \$6,000; exp. dept., \$1,200; tot. mem., 40 vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav. & pump to res.; res. cap., 4,000,000 gals.; loc. back of city; 1 pump, cap. day 400,000 gals.; mains, c. i., 7 m., 6 to 12 in. dia.; 53 hyd.; 43 v.; met., 1; 600 serv.; pipe, wrt. & galv. i.; pres., dom. 40 to 110 lbs.; cons. day, 180,000 gals.; cost, \$53,104; cost mtce., \$2,200; wks. owned by city.

HARTLAND, p. 1,115; f. area, 200 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks & combt. ord. F. dept.—2 str., 1 hand eng., 2 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; linen, gd., 500 ft.; inf., 600 ft.; tot. hose, 2,100 ft.; val. equip., \$1,800; val. bldgs., \$400; tot. mem., vol.

Water Supply—Src., riv. & cisterns, in bus. cent.; sys., pump, water-wheel in mills; mains, 2,400 ft., iron, 4 in. dia.; 7 hyd.; pres., from force pump in water-wheel & str. pump in mills.

HEBRON, p. 494. F.2 dept. (belongs to Hebron Acad.)—16 c. hand ex., 2 hose carts; f. al., bell; tot. mem., 125.

Water Supply—Src., pond, 3 m. bus. cent.; sys., grav. mains, 3 m., 6 to 8 in. dia.; pres., dom. & f. 100 lbs.; wks. owned by priv. Co.

HOULTON, p. 5,845; f. district, 20 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; no fwks & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 2 c. hand ex., 1 h. & l. trk., 2 hose wag., 5 hose cars., 4 hrs.; hose, cot., rub. lined, gd., 4,200 ft.; inf., 1,000 ft.; tot. hose, 5,200 ft.; f. al., Gamewell, 21 bx.; val. equip., \$10,000; val. bldgs., \$18,000; exp. dept., \$7,500; tot. mem., 28, pd. part time; undrs. rating, second class.

Water Supply—Src., spr. & str., ¼ m. bus. cent.; sys., pump to res., loc. on Pearce Hill, 1 m. bus. cent.; res. cap., 2,229,000 gals.; 8 pump. eng., cap. day 3,750,000 gals.; mains, c. i., 15 m., 4 to 12 in. dia.; 105 hyd.; 200 v.; 930 serv.; pipe, galv. i.; pres., 70 to 100 lbs.; cons. day, 5,000,000 gals.; wks. owned by town.

ISLAND FALLS, p. 1,700; f. area, 10 a. F. dept.—2 c. eng., 2 hose reels, 2,500 ft. hose; f. al., wh.; val. equip., \$2,500; val. bldgs., \$2,500; exp. dept., \$300; tot. mem., 16 vol.

Water Supply—Src., brook, 1 m. bus. cent.; sys., pump; 1 pump, cap. day 200,000 gals.; mains, 3 m.; 28 hyd.; pres., dom. 95 lbs., f. 95 lbs.; wks. owned by private Co.

JAY, p. 2,987. F. dept.—1 hose cart; f. al., bell; tot. mem., 40 vol.

KENNEBUNK, p. 3,099; merc. bldgs., bk. & wd., 1 to 4 1/2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 3 c. hand ex., 1 hose wag., 8 hose car.; hose, cot., rub. lined, gd., 8,500 ft.; f. al., Gamewell, 18 bx.; val. equip., \$9,000; val. bldgs., \$7,000; exp. dept., \$2,200; tot. mem. 75, pd. part time.

Water Supply—Src., brooks & spr., 2 1/2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 550,000 gals.; dim., 30 x 105; mat., stl.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 50 m., 2 to 12 in. dia.; 82 hyd.; met., 15; pres., dom. 55 to 70 lbs., f. 70 to 90 lbs.; wks. owned by Co.

KINGFIELD, p. 1,000; f. area, 300 a. F. dept.—1 h. & l. trk., 1 hose wag.; hose, 1,000 ft.; f. al., Gamewell; val. equip., \$800; exp. dept., \$75; tot. mem., 18 vol.

Water Supply—Src., pond; sys., grav.; res. cap., 6 m.; pres., dom. 55 lbs.; cost mtce., \$500; wks. owned by Co.

KITTERY, p. 3,533; f. area, 1,800 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. h. & l. trk. & hose wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell & wh.; 21 bx.; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 86, pd. part time 20, vol. 66.

Water Supply—Src., pond; sys., grav.; res. cap., 300,000,000 gals.; mains, c. i., 8 1/2 m., 12 in. dia.; 56 hyd.; met., 1; 35 serv.; pipe, galv. i.; pres., dom. 95 lbs., f. 95 lbs.; cons. day, 130,000 gals.; cost, \$100,000; cost mtce., \$1,500; wks. owned by town.

LEWISTON, p. 2,624; f. area, 15 m.; merc. bldgs., stn., wd. & bk., 1 to 5 stor.; priv., wd., 2 1/2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 str., 1 c. eng., 20 c. hand ex., 2 h. & l. trk., 4 hose wag., 2 hose reels, 14 hrs.; hose, cot., rub. lined, 11,450 ft.; f. al., Gamewell, 44 bx.; val. equip., \$45,415; val. bldgs., \$39,525; exp. dept., \$22,000; tot. mem. 79, pd. full time 7, pd. part time 72; undra. rating, first class.

Water Supply—Src., lake, 3 m. bus. cent.; sys., grav. pump to res. & dir.; res. cap., 12,000,000 gals.; loc. 2 1/2 m. station; 3 pump. eng., cap. day 6,000,000 gals.; mains, c. i., 48 m., 4 to 24 in. dia.; 220 hyd.; 400 v.; met., 275; 3,250 serv.; pipe, lead; pres., dom. & f. 85 lbs.; cons. day, 5,000,000 gals.; cost, \$559,868; cost mtce., \$12,000; wks. owned by city.

LIMERICK, p. 874. F. dept.—2 hose carts, 5 hand ex.; f. al., bell & elec.; tot. mem., 30 vol.

LIMESTONE, p. 1,131. F. dept.—1 h. & l. trk., 1 hose wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell; val. equip., \$1,100; val. bldgs., \$700; exp. dept., \$100; tot. mem., 28 vol.

LINCOLN, p. 1,731. F. dept.—1 c. eng., 1 hand eng., 1 hose cart; hose, 1,500 ft.; tot. mem., 60.

Water Supply—5 res. & 5 hyd. in village.

LISBON, p. 4,116; f. area, 200 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 1 1/2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,400 ft.; linen, gd., 400 ft.; tot. hose, 1,800 ft.; mill has 2,000 ft. hose & 1 hand eng.; val. bldgs., \$1,500; tot. mem., 15.

Water Supply—Src., riv. & res.

LISBON FALLS, p. 1,500; merc. bldgs., bk., 1 & 1 1/2 stor.; priv., wd., 1 1/2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 hose wag., 12 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$2,000; exp. dept., \$1,000; tot. mem., 19, pd. part time.

Water Supply—Src., wells, 1/2 m. bus. cent.; sys. pump to stdp.; stdp. cap., 900,000 gals.; dim., 50 x 63; mat. conc.; 2 pump. eng.; cap. day 360,000 gals.; mains c. i.; 7 m.; 6 to 12 in. dia.; 57 hyd.; 200 met.; 299 serv.; pipe, galv. & wrt i.; pres. dom. & f. 80 lbs.; cost, \$80,000; wks. owned by town.

LIVERMORE FALLS, p. 2,500; f. area, 2 sq. m.; merc. bldgs., wd. & bk., 1 to 4 stor.; priv., wd., 1 1/2 stor.; wd. rfs. perm. in f. area; fwks. & combt.

ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 12 c. hand ex., 1 hose wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 500 ft.; inf., 2,000 ft.; tot. hose, 2,500 ft.; f. al., wh., 8 bx.; val. equip., \$8,000; val. bldgs., \$4,000; exp. dept., \$500; tot. mem. 80, pd. part time.

Water Supply—Src., Moose Hill Pond, 3 m. bus. cent.; sys., grav. res. cap., 500,000 gals., 1 pump. eng., cap., 360,000 gals.; day, mains, iron, 8 1/2 m., 6 to 12 in. dia.; 37 hyd.; 561 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 115 lbs. cons. day 200,000 gals., cost mtce., \$500; wks. owned by city.

LUSEC, p. 3,868; f. area, 150 a.; merc. bldgs., wd., 1 1/2 & 2 stor.; priv., wd., 1 1/2 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 24 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 3,400 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$350; exp. dept., \$500; tot. mem., 36, pd. part time 26, vol. 60.

Water Supply—Src., spr., 2 1/2 m. bus. cent.; sys. pump to res. & stdp.; stdp. cap., 300,000 gals.; dim., 25 x 95; mat., iron; res. cap., 500,000 gals., loc. 2 1/2 m. south town; 1 pump, cap. day 1,000,000 gals.; mains, iron, 9 m., 4 to 10 in. dia.; 30 hyd.; met., 13; pres., dom. 75 lbs., f. 85 lbs.; cons. day, 100,000 gals.; cost, \$60,000; cost mtce., \$2,000; wks. owned by town.

MACHIAS, p. 2,082; f. area, 550 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hand eng., 25 c. hand ex., 1 h. & l. trk., 1 hose wag., 6 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 300 ft.; inf., 750 ft.; tot. hose, 3,050 ft.; f. al., elec., 5 bx.; val. equip., \$6,000; tot. mem. 32, pd. full time 12, pd. part time 20; undra. rating, first class.

Water Supply—Src., riv., 1/2 m. bus. cent.; sys. pump to stdp.; stdp. cap., 350,000 gals.; dim., 25 x 55; 2 pump. eng., class dup. & comp. cap. day 2,500,000 gals.; mains, iron, 8 m., 6 to 10 in. dia.; 33 hyd.; 311 serv.; 2 met.; pres., dom. 75 lbs., f. 90 lbs.; cons. day, 150,000 gals.; cost, \$75,000; wks. owned by priv. Co.

MACHIASPORT, p. 1,200. F. dept.—1 c. eng., 1 gas eng.; val. equip., \$5,000; vol.

Water Supply—Src., res.

MADISON, p. 3,379; f. area, 275 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 1/2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 1,200 ft.; tot. hose, 3,600 ft.; f. al., wh., 9 bx.; val. equip., \$1,000; val. bldgs., \$2,000; exp. dept., \$1,000; tot. mem., 40 vol.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 1,000,000 gals.; pump. eng., cap. min. 700 gals.; mains, 4 m., 6 to 10 in. dia.; 36 hyd.; 15 v.; 378 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 60 to 80 lbs.; wks. owned by Madison Water Co.

MARS HILL, p. 1,183. F. dept.—2 c. eng., 12 hand ex., 2 hose reels, 2 sleds, 12 ft. hose; vol.

Water Supply—Src., Young lake, 4 m. bus. cent.

MECHANIC FALLS, p. 1,685; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$500; tot. mem. 36, pd. full time 3, vol. 33.

Water Supply—Src., spr., 1/2 m. bus. cent.; sys. pump to stdp. & dir.; stdp. cap., 318,000 gals.; dim., 30 x 60; pump. eng., class dup., cap. day 1,750,000 gals.; mains, 6 1/2 m., 4 to 12 in. dia.; 50 hyd.; met., 35; 418 serv.; pipe, galv. i.; pres., dom. 85 to 100 lbs., f. 85 to 100 lbs.; wks. owned by Portland Savings Bank.

MIDDLETON, p. 1,068. F. dept.—1 hose car.; hose, 1,200 ft.; val. equip., \$1,200; val. bldgs., \$300; tot. mem. 13, pd. part time.

Water Supply—Src., pipe line from Danvers waterwks. sys.; 9 hyd.; pres., 65 lbs.; wks. owned by Danvers water sys.

MILFORD, p. 838. F. dept.—20 c. hand ex., 1 hose cart, 1 hose reel; hose, 2,700 ft.; f. al., bell; tot. mem., 26.

Water Supply—26 hyd.; pres., 80 lbs.

MILLBRIDGE, p. 1,921. No f. dept.

Water Supply—Src., spr. & wells, 2 m. bus. cent.; sys., grav.; pump to res. & dir.; res. loc. at spr.; 3 pump. eng., cap. day 60,000 gals.; mains, c. i., 2 1/2 m., 6 in. dia.; 120 serv.; pipe, galv. i.;

pres., dom. 45 lbs.; cost, \$15,000; cost mtce., \$200; wks. owned by Millbridge Water Co.

MILLINOCKETT, p. 3,368. F. dept.—1 h. & 1 trk., 1 hose reel, 1 hose wag.; hose, 4,000 ft.; f. al., wh.; tot. mem., 40.

Water Supply—Src., & sys. not reported; 35 hyd.; pres., 95 lbs.

MONMOUTH, p. 1,236. F. dept.—2 h. & 1 trk., 4 hand ex., 1 hand eng., 8 hose carts; f. al., bell; tot. mem., 40 vol.

MONSON, p. 1,116; merc. bldgs., wd., 1 & 3 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,000; tot. mem., 50 vol.

Water Supply—Src., pond, in bus. cent.; sys., 1 pump. eng. & hand ex.; 5 hyd.

MOUNT DESERT, p. 1,600. F. dept.—3 hand ex., 2 hose carts; f. al., bell; tot. mem., 30 vol.

NEWCASTLE, p. 1,075; f. area, 300 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hand eng., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$600; tot. mem., 45, pd. full time 30, vol. 15.

Water Supply—Src., from Damariscotta, Me.

NEWPORT, p. 1,800; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 auto. str., 6 c. hand ex., 1 hand eng., 1 h. & 1 trk., 2 hose carts; hose rub. lined, gd., 3,200 ft.; f. al., wh.; tot. mem., 38 vol.

Water Supply—Src., lake, 3 m. bus. cent.; sys., grav.; mains, c. i., 10 m., 6 to 12 in. dia.; 13 hyd.; 21 met., 150 serv.; pipe, galv. i.; pres., dom. & f., 60 lbs.; cost, \$100,000, cost mtce., \$100; wks. owned by priv. Co.

NORTH ANSON, p. 1,000. F. dept.—1 h. & 1 trk., 1 hose car., 2 c. eng.; hose, cot., rub. lined, gd., 1,500 ft.

Water Supply—Src., riv.; waterwks. sys.; 15 hyd.

NORTH BERWICK, p. 1,900. F. dept.—2 hose car., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 2,500 ft.; exp. dept., \$400; tot. mem., 40 vol.

Water Supply—Src., brook, 1 m. bus. cent.; sys., pump; pres., dom. 90 lbs., f. 90 lbs.; wks. owned by private Co.

NORRIDGEWOCK, p. 1,500; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 auto. str., 1 hand eng., 1 c. eng., 15 c. hand ex., 1 aer. trk., 1 supply wag., 1 hose car., 2 hrs., 1,500 ft.; rub. hose, f. al., bell & wh.; val. equip., \$2,200; tot. mem., 60 vol.

Water Supply—Src., brook, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 12,000 gals.; dim., 13 x 16; mat. wd. & cem.; 1 pump. eng.; cap. day 24,000 gals.; mains, iron, 1¼ m.; 1½ to 8 in. dia.; 70 serv.; pipe, galv. i.; pres., dom., 20 lbs.; cons. day, 5,000 gals.; cost, \$5,000; cost mtce., \$200; wks. owned by priv. Co.

NORWAY, p. 3,002; f. area, 250 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 h. & 1 trk., 5 c. hand ex., 4 hose car.; hose, cot., rub. lined, gd., 3,800 ft.; inf., 300 ft.; tot. hose, 4,100 ft.; f. al., elec., 3 bx.; val. equip., \$6,500; val. bldgs., \$2,000; exp. dept., \$1,500; tot. mem., 64 vol.

Water Supply—Src., lake; sys., pump to res.; res. cap., 500,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 34 hyd.; 10 v.; met., 4; 350 serv.; pipe, galv. i.; pres., dom., 85 lbs., f. 90 lbs.; cons. day, 250,000 gals.; cost, \$66,000; cost mtce., \$2,368; wks. owned by Co.

OAKLAND, p. 2,400; f. area, 640 a.; merc. bldgs., bk. & wd., 1½ to 3 stor.; priv., wd., wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk., 5 hose car., 1 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., wh., 12 bx.; exp. dept., \$2,000; tot. mem., 65 vol.

Water Supply—Src., riv. & strm.; sys., pump to res.; res. cap., 2,000,000 gals.; 2 pump. eng.; mains, 7 m.; 86 hyd.; pres., 80 to 125 lbs.; cost mtce., \$3,600; wks. owned by Co.

OLD ORCHARD, p. 1,000; f. area, 1,000 a.; merc. bldgs., wd. & cem., 1 to 4 stor.; priv., wd. &

cem., 1½ to 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 comb. ladder & hose wag., 1 chiefs auto.; 1 str., 1 h. & 1 trk., 6 c. hand ex., 2 hose wag., 3 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., compressed air sys., 12 bx. & wh.; val. equip., \$3,000; val. bldgs., \$18,000; exp. dept., \$2,500; tot. mem., 16, pd. full time 2, vol. 14.

Water Supply—Src., riv.; sys., grav., pump dir.; res. cap., 10,000,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 10 m., 4 to 12 in. dia.; 47 hyd.; 25 v.; met., 1; 667 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 90 to 100 lbs.; cost, \$170,000; cost mtce., \$1,500; wks. owned by Co.

OLD TOWN, p. 6,317; f. area, 1,000 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 str., 1 hand eng., 6 c. hand ex., 1 comb. c. & h. wag., 1 hose wag., 4 hose car., 3 hrs.; hose, cot., rub. lined, gd., 9,000 ft.; inf., 6,000 ft.; tot. hose, 15,000 ft.; f. al., bell, 26 bx.; val. bldgs., \$9,500; exp. dept., \$12,000; tot. mem., 106, pd. full time 11, vol. 94.

Water Supply—Src., riv., in bus. cent.; sys., pump to stdp.; stdp. cap., 528,000 gals.; dim., 30 x 100; loc. ¼ m. city; mat., stl.; 2 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 18 m., 4 to 12 in. dia.; 72 hyd.; met., 74; pres., dom. 80 lbs., f. 80 to 130 lbs.; cons. day, 800,000 gals.; wks. owned by Co.

ORONO, p. 3,555; f. area, 800 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 1 h. & 1 trk., 3 hose reels; hose, linen, gd., 2,800 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$25,000; exp. dept., \$1,350; tot. mem., 40, pd. full time.

Water Supply—Src., pond, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 401,800 gals.; 2 pumps, cap. day 1,500,000 gals.; mains, c. i., 12 m., 6 to 12 in. dia.; 68 hyd.; 50 v.; 177 met.; 400 serv.; pipe, galv. i.; pres., dom. & f., 100 lbs.; cost, \$120,000; wks. owned by priv. Co.

OXFORD, p. 1,331; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & 1 trk., 1 hose wag., 1 hose car., 6 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; linen, gd., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; tot. mem., 75, pd. part time.

Water Supply—Src., wells & cisterna.

PARIS, p. 3,436. F. dept.—10 c. hand ex., 1 h. & 1 trk., 5 hose carts; hose, 3,000 ft.; f. al., bell; tot. mem., 68 pd. men.

Water Supply—Src., wells; sys., grav.; 2 res., cap. 3,000,000 gals.; 2 dams; 26 hyd.; pres., 90 lbs.

PATTEN, p. 1,200; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 100 c. hand ex., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$100; tot. mem., 15 vol.

Water Supply—Src., spr.; sys., grav.; mains, galv. i., 1 m., 2½ in. dia.; 36 serv.; pipe, galv. i.; cost, \$3,200; wks. owned by Co.

PHILLIPS, p. 1,500. F. dept.—4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh.; exp. dept., \$150; tot. mem., 40, pd. part time.

Water Supply—Src., Blue pond, 68 ft. bus. cent.; sys., grav.; 24 hyd.; pres., 80 lbs.

PITTSFIELD, p. 2,891; f. area, 200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1½ to 2½ stor.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 10 c. hand ex., 5 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; f. al., elec., 12 bx.; tot. mem., 100, pd. part time.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 220,000 gals.; dim., 25 x 60; mat., iron; 1 pump. eng., class dup., cap. day 750,000 gals.; mains, c. i., 10 m., 4 to 10 in. dia.; 33 hyd.; 55 v.; 569 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 75 to 100 lbs.; cons. day, 250,000 gals.; cost, \$60,000; cost mtce., \$4,000; wks. owned by town.

POLAND, p. 1,648; f. area, 400 a.; bldgs., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. No f. dept.

Water Supply—Src., well, in bus. cent.; sys.,

pump dir.; pump. eng., cap. day 748,500 gals.; mains, wrt. i., 500 ft., 5 in. dia.; 8 hyd.; pres., f. 150 lbs.; cost, \$2,000; wks. owned by Co.

PORTLAND, p. 68,571; f. area, 18 sq. m.; merc. bldgs., bk. & wd., 1 to 11 stor.; priv., bk. & wd., 1 to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 f. boat, 3 comb. aer. & ladder trk., 8 str., 2 in reserve, 2 h. & l. trk., 4 chiefs wag., 10 fuel & exercise wag., 10 exercise sleds, 10 hose sleighs, 1 c. eng. on wls., 55 c. hand ex., 1 aer. trk., 10 hose wag., 2 in reserve, 1 hose reel, in reserve, 51 hrs.; hose, cot., rub. lined, gd., 18,700 ft.; 1,700 ft.; in reserve; 15,350 ft.; inf., hose; f. al., Gamewell, 148 bx.; val. equip., \$114,700; val. bldgs., \$91,600; exp. dept., \$135,513; tot. mem. 225, pd. full time 96, pd. part time, 87, substitutes 32 pd., 10 pd. vol.

Water Supply—Src., lake, 17 m. bus. cent.; sys., grav.; stdp. cap., 653,000 gals.; dim., 40 x 70, loc. on hill; mat., stl.; res. cap., 88,680,000 gals.; pump. eng., cap. 15,000,000 gals. day, mains, cem. & c. i., 233 955-6280 m., $\frac{3}{4}$ to 48 in. dia.; 1,000 hyd.; 1,407 v.; met., 3,650; 13,197 serv.; pipe, galv. i. & lead; pres., dom. 40 to 100 lbs., f. 65 lbs.; cons. day, 8,800,000 gals.; cost, \$5,000,000; wks. owned by Portland Water District.

PRESQUE ISLE, p. 5,179; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 3 c. hand ex., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; inf., 800 ft.; tot. hose, 2,800 ft.; f. al., wh. & Gamewell, 6 bx.; val. equip., \$5,000; val. bldgs., \$12,000; exp. dept., \$5,000; tot. mem. 40, pd. part time.

Water Supply—Src., brook, 1 m. bus. cent.; sys., grav. & pump dir.; res. cap., 25,000,000 gals.; 1 pump. eng., cap. day 1,250,000 gals.; mains, c. i., 7 m., $\frac{3}{4}$ to 8 in. dia.; 19 hyd.; met., 2; 205 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 100 lbs.; cost, \$55,000; wks. owned by Co.

PRINCETON, p. 1,094. F. dept.—1 c. eng., 1 hand eng., 1 hose car; hose, cot., rub. lined, gd., 600 ft.

Water Supply—Src., riv., lake & cisterns, $\frac{1}{4}$ m. bus. cent.; no waterwks. sys.

RANDOLPH, p. 1,086; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 2,600 ft.; f. al., bell; val. equip., \$1,700; val. bldgs., \$1,000; exp. dept., \$400; tot. mem., 18, pd. \$20 each per yr.

Water Supply—Src., from Gardner water district on opposite side of riv.; sys., pump to res.; res. cap., 2,000,000 gals.; pump. eng., cap. day 4,000,000 gals.; mains, 2 m.; 13 hyd.; pres. 90 lbs.; wks. owned by Water District.

RANGELEY, p. 931. F. dept.—1 hand eng., 2 c. hand ex., 1 ladder wag., 1 hose cart; hose, 1,200 ft.; f. al., bell; tot. mem., 20.

Water Supply—Src., Saddleback str.; sys., dam & res.; res. cap., 350,000 gals.; mains, 6 to 10 in. dia.; 2 hyd.; pres., dom. 70 lbs., f. 105 lbs.

READFIELD, Kennebec Co., p. 994. F. dept.—6 c. hand ex., 1 h. & l. trk.; f. al., bell; tot. mem., 15.

Water Supply—No waterworks.

RICHMOND, p. 2,049; f. area, 225 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 $\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 6 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 2,000 ft.; inf., 300 ft.; tot. hose, 2,300 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$350; tot. mem., 43 vol.

Water Supply—Src., riv.; sys., pump to res., cap. 750,000 gals.; 2 pump. eng., cap. day 500,000 gals.; mains, 4 $\frac{1}{2}$ m., 2 to 10 in. dia.; 41 hyd.; 380 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 80 lbs.; cons. day, 67,000 gals.; cost, \$42,000; wks. owned by Co.

ROCKLAND, p. 8,174; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 6 c. hand ex., 3 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., elec., 18 bx.; val. bldgs., \$9,000; exp. dept., \$5,275; tot. mem., 45 vol.

Water Supply—Src., lake, 7 m. bus. cent.; sys., grav.; res. cap., 2,600,000 gals.; mains, 58 m., 2

to 24 in. dia.; 69 hyd.; pipe, c. & galv. i.; pres., dom. 95 lbs., f. 95 lbs.; wks. owned by Co.

ROCKPORT, p. 2,314; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 gasoline eng., 1 h. & l. trk., 5 hose carts; hose, cot., rub. lined, gd., 2,300 ft.; val. equip., \$3,900; val. bldgs., \$2,300; exp. dept., \$450; tot. mem., 45 vol.

Water Supply—Src., wells & cisterns; sys., grav.; mains, 2 to 10 in. dia., galv. & c. i.; 33 hyd.; 4 res., cap. 40,000 gals. each; pres., dom. 100 lbs., f. 100 lbs.

RUMFORD, p. 6,777. F. dept.—1 comb. h. & c. wag., 1 c. wag., 1 h. & l. trk., 2 c. hand ex., 5 hose reels, 1,000 ft. cot., rub. lined, hose; c., 200 ft.; tot. hose, 1,200 ft.; exp. dept., \$5,500; f. al., bell & wh. & Gamewell, 21 bx.; tot. mem. 70, pd. full time 2, vol. 68.

Water Supply—Src., wells; sys., grav.; res. cap., 6,500,000 gals.; stdp. cap., 120,000,000 gals.; wks. owned by city.

ST. GEORGE, p. 2,202. F. dept.—2 c. eng.; val. equip., \$900; vol.

No water works.

SACO, p. 6,583; f. area, 700 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 $\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 str., 4 c. hand ex., 1 h. & l. trk., 2 supply wag., 3 hose car. & reels, 6 hrs.; hose, 4,000 ft.; f. al., Gamewell, 19 bx.; val. equip., \$10,000; val. bldgs., \$6,000; exp. dept., \$4,500; tot. mem. 40, pd. part time.

Water Supply—Src., riv., 2 $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 10,000,000 gals.; pump. eng., cap. day 7,500,000 gals.; mains, galv. & c. i., 34 m., 2 to 20 in. dia.; 67 hyd.; met., 20; pipe, galv. i.; pres., dom. 25 to 85 lbs., f. 25 to 85 lbs.; wks. owned by Co.

SANFORD, p. 9,049; f. area, 200 a.; merc. bldgs., wd., 1 to 3 & 4 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm.; causes of f. not inv. F. dept.—1 c. eng., 10 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose reels; hose, linen, gd., 2,000 ft.; rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 4,500 ft.; f. al., Gamewell, 30 bx.; val. equip., \$5,000; val. bldgs., \$15,000; exp. dept., \$6,000; tot. mem. 39, pd. full time 8, pd. part time 38.

Sanford Mills, in town of Sanford, has a priv. Co., which answers all al., equipped as follows: F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 2 hose carts; hose, linen, rub. lined, gd., 6,000 ft.; val. equip., \$5,000; val. bldgs., \$1,500; exp. dept., \$500; tot. mem. 60, pd. part time; undrs. rating, second class.

Water Supply—Src., spr. & wells; sys., grav. & pump to res.; cap., 1,000,000 gals.; 8 pump. eng. class trip., cap. day 432,000 gals.; mains, c. & galv. i., 12 m.; 56 hyd.; 20 v.; met., 47; 1,500 serv.; pres., f. 100 lbs.; cost, \$180,000; cost mtee., \$2,000; wks. owned by Co.

SANGERVILLE, p. 1,294. F. dept.—1 h. & l. trk., 1 hose cart; hose, 1,200 ft.; tot. mem. 20, part pd.

Water Supply—Src. & sys. not reported; 26 hyd.; pres., 80 lbs.

SEBAGO, p. 576. F. dept.—2 str., 1 c. eng., 25 hand ex., 1 hand eng., 2 h. & l. trk.; tot. mem., 20 vol.

SEARSPORT, p. 1,849; f. area, 1,280 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1 $\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hand eng., 6 ladders, 4 hooks, 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 60 ft.; linen, gd., 1,100 ft.; tot. hose, 3,160 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,000; tot. mem., 36 vol.

Water Supply—Src., Half Moon pond; sys., grav.; mains, 12 in. dia.; res. cap., 1,000,000 gals.; 71 hyd.; cisterns scattered all over town, cap. 115,550 gals.

SKOWHEGAN, p. 5,341; f. area, 2 $\frac{1}{2}$ sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 6 c. hand ex., 2 hose carts, 2 hose reels; hose, cot., rub. lined, gd., 4,000 ft.; inf., 500 ft.; tot. hose, 4,500 ft.; f. al., Gamewell, elec., 12 bx.; val. equip., \$10,000; val. bldgs., \$15,000; exp. dept., \$4,000; tot. mem. 50, pd. part time.

Water Supply—Src., spr., $\frac{3}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 250,000 gals.; dim., 25 x 75; mat., iron; 4 pump. eng.; mains, c. i., 12 m., 4 to 12 in. dia.; 82 hyd.; 500 serv.; pipe, galv. i.; pres., dom. 70 lbs.; f. 80 lbs.; cost, \$135,000; cost mtce., \$7,000; wks. owned by Co.

SORRENTO, p. 117. F. dept.—1 hose wag., 700 ft. hose; val. equip., \$450; val. bldgs., \$100; tot. mem., 12 vol.

SOUTH BERWICK, p. 2,935; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$2,500; exp. dept., \$1,619; tot. mem. 70, pd. part time; undrs. rating, third class.

Water Supply—Src., riv. & ponds, $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 3,500,000 gals.; loc. on hill $\frac{1}{2}$ m. town; 2 pump. eng., cap. day 1,000,000 gals.; mains, iron, 5 m., 6 to 8 in. dia.; 27 hyd.; met., 12; 225 serv.; pipe, galv. i.; pres., dom. 80 to 90 lbs.; f. 80 to 90 lbs.; cons. day, 150,000 gals.; cost, \$60,000; cost mtce., \$2,000; wks. owned by Co.

SOUTH PARIS, p. 2,000; f. area, 500 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., $1\frac{1}{2}$ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 10 c. hand ex., 1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$1,200; exp. dept., \$1,200; tot. mem., 75 vol.

Water Supply—Src., 2 dams., cap., 750,000 gals., each; sys., grav.; 2 res.; No 1 cap., 1,000,000 gals.; No 2 cap., 3,000,000 gals.; mains, 3 m., 4 to 12 in. dia.; 38 hyd.; 247 serv.; pres., dom. & f. 84 to 100 lbs.; cost, \$78,000; cost mtce., \$1,500; wks. owned by Corp.

SOUTH PORTLAND, p. 7,471; f. area, 4,000 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—5 h. & l. trk., 50 c. hand ex., 5 hose wag., 12 hose car., 10 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$900; tot. mem. 250, pd. part time.

Water Supply—Src., lake, 17 m. bus. cent.; supply received from Portland Water District, of Portland; sys., grav.; stdp. cap., 650,000 gals.; mains, c. i., 37 m., 4 to 12 in. dia.; 128 hyd.; met., 96; 1,876 serv.; pres., dom. 60 lbs.; wks. owned by Co.

SOUTHWEST HARBOR, p. 2,010; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. Vol. f. dept.

Water Supply—Src., wells & lake, $2\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 106,000 gals.; mat., iron; pump. eng., cap. day 40,000 gals.; mains, iron, 4 m., 6 in. dia.; 8 hyd.; 4 v.; met., 8; pres., dom. 100 lbs.; f. 160 lbs.; cost, \$40,000; cost mtce., \$600; wks. owned by Co.

SPRINGVALE, p. 2,000; f. area, 200 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 1 c. eng. on wls., 1 c. hand ex., 1 h. & l. trk., 2 hose wag.; hose, rub. gd., 2,400 ft.; inf., 400 ft.; tot. hose, 2,300 ft.; f. al., Gamewell, 11 bx.; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$1,400; tot. mem. 33, pd. part time.

Water Supply—Src., spr., $1\frac{1}{2}$ m. bus. cent.; sys., grav.; stdp. cap., 150,000 gals.; mat., stn. & cem.; res. cap., 1,500,000 gals.; loc. $1\frac{1}{2}$ m. town; mains, iron, 5 m.; 32 hyd.; met., 100; 600 serv.; pipe, iron; pres., dom. 75 lbs.; f. 75 lbs.; cost, \$60,000; wks. owned by Co.

STOCKTON SPRINGS, p. 872. F. dept.—4 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$50; tot. mem., 40 vol.

Water Supply—Src., springs; sys., grav.; pres., 60 to 100 lbs.

STONINGTON. F. dept. not reported.

Water Supply—Src., pond, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 360,000 gals.; dim., 50 x 85 ft.; mat., stl.; 1 pump. eng., cap. day 90,000 gals.; mains, c. i., 8 m.; 26 hyd.; met., 1; 122 serv.; pipe, c. i.; pres., dom. 84 lbs.; f. 84 lbs.; cons. day, 12,000 gals.; cost, \$42,000; cost mtce., \$1,200; wks. owned by town.

SULLIVAN. F. dept.—Not reported.

Water Supply—Src., Long pond, 3 m. bus. cent.; sys., grav.; mains, c. & wrt. i., $3\frac{1}{4}$ m., 8 to $2\frac{1}{2}$ in. dia.; 16 v.; pipe, c. & wrt. iron; pres., dom. 60 lbs.; cost, \$11,000; wks. owned by Co.

THOMASTON, p. 2,688; f. area, 8,200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., 2 hand eng., 4 c. hand ex., 1 h. & l. trk., 4 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 4,000 ft.; f. al., bell & Gamewell; val. equip., \$9,000; val. bldgs., \$5,700; exp. dept., \$750; tot. mem., 115 vol.

Water Supply—Src., lake, 10 to 11 m. bus. cent.; sys., grav.; mains, c. i., 5 m., 6 to 10 in. dia.; 33 hyd.; pres., dom. 80 to 140 lbs.; f. 80 to 140 lbs.; cost mtce., \$1,150; wks. owned by Co.

TOPSHAM, p. 2,097; merc. bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 hand eng., 5 hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., bell & wh.; val. equip., \$2,300; val. bldgs., \$500; tot. mem., 60 vol.

Water Supply—Src., cisterns in city; sys., grav.; mains, galv. i., 1 in. dia.

TURNER, p. 500. F. dept.—1 hand eng.; vol.

Water Supply—Src., river.

UNION, p. 1,248; f. area, 600 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose reel; hose, cot., rub. lined, gd., 600 ft.; vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; mains, iron, 2 m., 5 & 8 in. dia.; 2 hyd.; 80 serv.; pipe, galv. i.; pres., dom. 60 to 80 lbs.; f. 70 lbs.; cost, \$10,000; cost mtce., \$100; wks. owned by Co.

VAN BUREN, p. 3,065. F. dept.—1 h. & l. trk., 4 hose carts; hose, rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,500; exp. dept., \$500; tot. mem., 80 vol.

VINAL HAVEN, p. 2,358; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 7 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 600 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; exp. dept., \$800; tot. mem., 45 vol.

Water Supply—Src., pond, 8 m. bus. cent.; sys., pump to stdp.; stdp. cap., 312,000 gals.; dim., 25 x 80; mat. stl.; 2 pump. eng.; cap. day, 300,000 gals.; mains, c. i.; 7 m.; 6 to 10 in. dia.; 21 hyd.; 5 met.; 288 serv.; pipe, galv. i.; pres., dom., 68 lbs.; f. 70 lbs.; cons. day, 80,000 gals.; cost, \$81,000; cost mtce., \$3,500; wks. owned by priv. Co.

WALDOBORO, p. 2,656; f. area, 640 a.; merc. bldgs., bk. & wd., $1\frac{1}{2}$ to 3 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hand eng., 3 c. hand ex., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,200; vol.

Water Supply—Src., wells, cisterns & res.

WARREN, p. 2,069; f. area, 640 a.; bldgs., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 hand hose car.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; vol.

Water Supply—Src., wells, 2 m. bus. cent.; sys., grav. & pump to res.; res. cap., 1,500,000 gals.; mains, c. i., $2\frac{1}{2}$ m., 6 to 8 in. dia.; 10 hyd.; 200 serv.; pres., f. 60 lbs.; cost, \$25,000; wks. owned by Co.

WATERVILLE, p. 11,458; f. area, 1,200 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 12 c. hand ex., 1 h. & l. trk., 4 hose wag., 7 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 2,000 ft.; tot. hose, 8,000 ft.; f. al., Gamewell, 80 bx.; val. equip., \$140,000; val. bldgs., \$10,000; exp. dept., \$10,709; tot. mem. 66, pd. full time 5, pd. part time 61.

Water Supply—Src., China lake; sys., pump to res.; res. cap., 3,000,000 gals.; 3 pump. eng., cap. day 7,500,000 gals.; mains, 27 m., 4 to 16 in. dia.; 123 hyd.; 227 v.; met., 26; 2,112 serv.; pipe, galv. i.; pres., dom. 98 lbs.; f. 98 lbs.; cons. day, 2,000,000 gals.; wks. owned by the Kennebec Water District.

WELLS, p. 2,007. F. dept.—1 hose cart, 2 hose wag.; hose, 2,500 ft.; tot. mem., 40 vol.; val. equip., \$600; exp. dept., \$25.

Water Supply—Src., Branch riv.; sys., Monsam Water Co.

WEST BROOK, p. 8,281; f. area, 11,000 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 2 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 600 ft.; tot. hose, 5,000 ft.; f. al., bell & wh., 10 bx.; val. equip., \$9,000; val. bldgs., \$7,000; exp. dept., \$3,439; tot. mem. 50, pd. full time 2, pd. part time 48.

Water Supply—Src., lake, 10 m. bus. cent.; sys., grav.; mains, c. i., 16 m., 6 to 12 in. dia.; 79 hyd.; 49 v.; met., 38; 1,140 serv.; pipe, galv. i.; pres., dom. 68 lbs., f. 68 lbs.; wks. owned by Co.

WILTON, p. 1,647; f. area, \$20 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. No org. f. dept.—hose, cot., gd., 2,000 ft.; val. equip., \$1,500.

Water Supply—Src., lake, 4½ m. bus. cent.; sys., grav.; res. cap., 500,000 gals., loc. ¾ m. bus. cent.; 1 pump. eng.; mains, c. i. & galv. l., 8-8-5 m., 1½ to 8 in. dia.; 58 hyd.; 80 v.; 150 serv.; pipe, galv. i.; pres., dom. 85 lbs., f. 85 lbs.; cost, \$50,000; wks. owned by Co.

WINTERPORT, p. 1,623; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$200; val. bldgs., \$800; tot. mem., 40 vol.; undrs. rating, fourth class.

Water Supply—Src., brooks & spr., ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 200,000 gals.; dim., 26 x 50; mat., iron; res. cap., 920,000 gals.; loc. northern edge of village; 2 pump. eng., class comp. dup., cap. day 700,000 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 20 hyd.; met., 2; 225 serv.; pipe, galv. i.; pres., dom. 40 to 75 lbs., f. 90 lbs.; wks. owned by Co.

WINTHROP, p. 2,089; merc. bldgs., bk. & wd. rfs. perm. F. dept.—1 h. & 1 trk., 2 hose car;

hose, cot., rub. lined, gd., 1,800 ft.; f. al., wh.; exp. dept., \$300; tot. mem. 25, pd. full time.

Water Supply—Src., force pump; sys., grav. & pump dir.; mains, 1½ m., 6 in. dia.; 13 hyd.; cost, \$5,000; cost mtee., \$300; wks. owned by town.

WISCASSET, p. 1,273; f. area, 40 a.; bldgs., bk., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hand eng., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; exp. dept., \$300; tot. mem., 100 vol.; undrs. rating, third class.

Water Supply—Src., riv. & wells.

YARMOUTH, p. 2,274; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—7 c. hand ex., 1 h. & 1 trk., 2 hose wag., 1 hose reel, 1 hr.; hose, cot., rub. lined, gd., 3,000 ft.; f. al. Gamewell, 11 bx.; val. equip., \$3,000; val. bldgs., \$2,000; tot. mem., 40, pd. full time.

Water Supply—Src., spr. & riv., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 250,000 gals.; dim., 30 x 60, loc. on hill; mat., stl., 2 pump. eng., mains, c. i., 12 m., 6 to 10 in. dia.; 55 hyd.; 600 serv.; pipe, galv. i.; pres., dom. 50 to 90 lbs., f. 100 to 150 lbs.; cons. day, 200,000 gals.; cost, \$60,000; cost mtee., \$4,500; wks. owned by town.

YORK, p. 2,802; F. dept.—1 h. & 1 trk., 2 hose wag.; hose, 3,900 ft.; tot. mem., 72.

Water Supply—Src., lake, 4 m. bus. cent.; sys., grav.; res. cap., 400,000 gals.; mains, c. i., 21½ m., 6 to 16 in. dia.; 90 hyd.; 1,000 serv.; pipe, galv. i.; pres., dom. & f. 60 lbs.; cost, \$225,000; cost mtee., \$3,000; wks. owned by priv. Co.

Places with a population of 1,000 or more having no organized fire dept.—Belgrade, Benton, Blue Hill, Bristol, Burton, Cherryfield, Clinton, Corinth, Deer Isle, Gouldsboro, Hampden, Harpell, Harrington, Hermon, Hiram, Jay, Jefferson, Jonesport, Lebanon, Leeds, Limington, Lincolnville, Litchfield, Madawaska, Millbridge, Milo, Monticello, New Portland, Orrington, Parsonfield, Penobscot, Pittston, St. Agatha, St. Albans, Sidney, So. Anson, Standish,

MARYLAND

ABERDEEN, p. 616. F. dept.—2 c. hand ex., 2 hose wag.; hose, 1,500 ft.; f. al., bell; tot. mem., 50 vol.

Water Supply—Src., spr.; stdp. cap., 85,000 gals.; 1 pump. eng., class dup., cap. day 864,000 gals.; mains, 3, 4 to 8 in. dia.; 38 hyd.; pres., dom. 60 lbs., f. 90 lbs.

ANNAPOLIS, p. 8,609; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. h. wag., 1 str., 8 c. hand ex., 1 h. & 1 trk., 2 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 3,600 ft.; inf., 300 ft.; tot. hose, 3,900 ft.; f. al., bell; val. equip., \$19,000; val. bldgs., \$22,000; exp. dept., \$3,100; tot. mem. 124, pd. full time 6, vol. 119; apparatus of naval academy available in case of emergency.

Water Supply—Src., spr., 4¼ m. bus. cent.; sys., grav., pump to res.; res. cap., 7,500,000 gals., loc. at wks.; 2 pump. eng., class hor. cross comp., cap. day 4,500,000 gals.; mains, c. i., 6½ m., 4 to 14 in. dia.; 55 hyd.; met., 60; 750 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 30 to 60 lbs.; cons. day, 1,000,000 gals.; cost, \$175,000; wks. owned by Co.

BALTIMORE, p. 558,485; f. area, 33 sq. m.; merc. bldgs., stn. & bk., 2 to 16 stor.; priv., stn. & bk., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—39 str., 15 ser. trk., 1 fireboat, 6 h. & 1 trk., 15 hose car., 50 comb. c. & h. wag., 252 hrs.; hose, cot., rub. lined, gd., 115,600 ft.; f. al., elec., 557 bx.; val. equip., \$850,000; val. bldgs., \$510,000; exp. dept., \$840,367; tot. mem., 786, pd. full time.

Water Supply—Src., falls & riv., 6 to 10 m. bus. cent.; sys., grav., pump to res., to stdp. & dir.; 2 stdp., one cap. 329,000 gals., dim. 25 x 90; other cap. 210,600 gals., dim. 20 x 90, loc. in city limits; mat., stl. & stn.; res. cap., 2,336,375,000 gals., loc. at source of supply; 7 pump. eng., class trip. exp. hor. dup., cap. day 85,000,000 gals.; mains, c. i., 8,856 m., 4 to 48 in. dia.; 3,824 hyd.; met., 3,500; 143,000 serv.; 260 v.; pipe, c. i., wrt. i. & lead.; pres., dom. 30 to 100 lbs.; cons. day, 73,056,444 gals.; cost, \$15,000,000; cost mtee., \$400,000; wks. owned by city.

BEL AIR, p. 1,005; f. area, 400 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; no fwks. or combt. ord.; causes of f. not inv. F. dept.—1 h. & 1 trk., 6 ladders, hooks & buckets, 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$200; tot. mem., 75 vol.

Water Supply—Src., spr., wells & str., 3 m. bus. cent.; sys., grav.; 2 res. cap., 1,500,000 gals. & 90,000 gals.; mains, c. i., 3 m., 4 to 8 in. dia.; 40 hyd.; 86 v.; met., 47; 375 serv.; pipe, galv. i.; pres., dom. 40 lbs.; cost, \$55,000; cost mtee., \$1,300; wks. owned by Co.

BRUNSWICK, p. 3,721; f. area, 250 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & 1 trk., 6 hose car.; hose, cot., rub. lined, 4,000 ft.; f. al., wh.; val. equip., \$1,800; val. bldgs., \$2,300; exp. dept., \$100; tot. mem., 150 vol.

Water Supply—Src., wells, cisterns & riv.; sys., pump to res.; res. cap., 100,000 gals.; pump. eng., cap. day 912,000 gals.; mains, iron, 1 m., 10 in. dia.; 40 hyd.; pres., dom. 60 lbs., f. 110 lbs.; cost, \$18,000; wks. owned by Co.

CAMBRIDGE, p. 6,407; merc. bldgs., bk., wd. & iron, 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 1 supply wag., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$3,000; exp. dept., \$700; tot. mem., 90 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 11,500 gals.; dim., 14 x 100; mat., stl.; 2 pump. eng., class comp. dup., cap. day 1,750,000 gals.; mains, c. i., 9 m., 4 to 10 in. dia.; 42 hyd.; 64 v.; met., 30; 1,290 serv.; pipe, galv. i.; pres., dom. 48 to 55 lbs., f. 75 to 100 lbs.; cons. day, 409,360 gals.; wks. owned by Co.

CATONSVILLE, p. 2,000. F. dept.—1 str., comb. hose, c. & pump. trk., 3 c. hand ex., 1 hose reel; hose, cot., rub. lined, gd., 1,500

ft.; f. al., Gamewell, 100 bx.; val. equip., \$15,000; tot. mem. 5, pd. full time.

Water Supply—Src., spr.; pump. eng., cap. day 20,000 gals.; mains, 4 m.; 21 hyd.; pres., dom. 80 lbs.; f. 100 lbs.

CENTERVILLE, p. 1,435; f. area, 100 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 extension ladders, buckets & axes, 1 hose car., 1 hose reel; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$1,000; tot. mem., 55 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 40,000 gals.; dim., 10 x 100; res. cap., 80,000 gals.; 2 pump. eng., cap. day 1,355,600 gals.; mains, c. i., 3 m., 4 to 8 in. dia.; 35 hyd.; 5 met.; 300 serv.; pres., dom. & f., 40 lbs.; cons. day, 100,000 gals.; cost, \$13,000; cost mtce., \$200; wks. owned by city.

CHESTERTOWN, p. 2,735; f. area, 250 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, rub. gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$18,000; val. bldgs., \$4,000; tot. mem., 40 vol.

Water Supply—Src., spr.; sys., pump to res.; res. cap., 1,000,000 gals.; pump. eng., class comp. dup., cap. day 240,000 gals.; mains, 6 m., 3 to 4 in. dia.; 60 hyd.; 16 v.; 250 serv.; pipe, galv. l.; pres., dom. 25 to 30 lbs.; f. 30 to 60 lbs.; cons. day, 100,000 gals.; cost, \$25,000; cost mtce., \$2,000; wks. owned by Co.

CRISFIELD, p. 3,468; merc. bldgs., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 3 hose reels, 6 hose carts; 2 hra.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$750; exp. dept., \$600; tot. mem., 35 vol.; undra. rating, third class.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 150,000 gals.; 2 pump. eng.; mains, c. i., 2½ m., 4 to 8 in. dia.; 37 hyd.; met., 100, pipe, lead; pres., dom. 30 lbs.; f. 60 lbs.; cons. day, 40,000 gals.; cost, \$22,000; cost mtce., \$1,500; wks. owned by town.

CUMBERLAND, p. 21,839; f. area, 4,000 a.; merc. bldgs., bk. & stn., 1 to 6 stor.; priv., bk., 1 to 4 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 8 c. hand ex., 1 h. & l. trk., 3 comb. c. & h. wag., 5 hose car., 8 hra.; hose, cot., rub. lined, gd., 4,200 ft.; inf., 2-100 ft.; tot. hose, 6,300 ft.; f. al., Gamewell, 22 bx.; val. equip., \$40,000; val. bldgs., \$36,000; exp. dept., \$12,000; tot. mem. 218, pd. full time 18, 200 vol.

Water Supply—Src., riv., in bus. cent.; sys., pump dir. & grav.; 3 pump. eng., cap. day 12,000,000 gals.; mains, 141,798 ft.; 240 hyd.; 146 v.; met., 14; 4,500 serv.; pipe, galv. l.; pres., dom. 90 lbs.; f. 115 lbs.; cons., 9,000,000 gals. day; cost, \$287,856; cost mtce., \$9,593; wks. owned by city.

DENTON, p. 1,431. F. dept.—2 hand eng., 1 hose reel; hose, 400 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., artesian wells, ¼ m. bus. cent.; sys., pump to stdp.; res. cap., 65,000 gals.; 2 pump. eng., class trip; wks. owned by city.

EASTON, p. 3,083; f. area, 480 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 1,650 ft.; inf., 700 ft.; tot. hose, 2,650 ft.; f. al., bell; val. equip., \$6,500; val. bldgs., \$3,000; tot. mem., 44 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 86,000 gals.; dim., 12 x 100; mat., iron; res. cap., 140,000 gals.; loc. ¼ m. cent. of town; 2 pump. eng., cap. day 500,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 44 hyd.; 50 v.; 440 serv.; pipe, galv. l.; pres., dom. 40 lbs.; f. 125 lbs.; cons. day, 200,000 gals.; cost, \$55,000; cost mtce., \$2,000; wks. owned by Co.

ELKTON, p. 2,487; f. area, 500 a.; merc. bldgs., wd., 2 to 4 stor.; priv., wd. & bk., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hand eng., 1 comb. c. & h. wag., 5 c. hand ex., 1 h. & l. trk., 2 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & elec.; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$200; tot. mem., 125 vol.

Water Supply—Src., wells & creek; sys., pump to res.; res. cap., 800,000 gals.; pump. eng., class dup., cap. day 750,000 gals.; mains, 5½ m., 4 to 10 in. dia.; c. i.; 50 hyd.; 25 v.; pres., dom. 65 lbs.; f. 75 lbs.; cost, \$30,000; wks. owned by Co.

ELLICOTT CITY, p. 1,151; f. area, 1,280 a.; bldgs., stn. & wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 hand eng. & c. eng. comb., 2 c. hand ex., 1 h. & l. trk., 2 hose car., 50 rub. buckets; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; tot. mem., 75 vol.

Water Supply—Src., wells & spr., ¼ m. bus. cent.; sys., grav.; res. cap., 650,000 gals.; mains, c. i., 3 m., 8 to 6 in. dia.

FREDERICK, p. 10,411; merc. bldgs., bk., 2, 3 & 4 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 2 auto. str., 2 comb. h. & l. trk., 8 c. hand ex., 4 hose car., 6 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 2,950 ft.; val. equip., \$20,000; val. bldgs., \$20,000; tot. mem., 425 vol.; undra. rating, second class.

Water Supply—Src., mountain str., 9 m. bus. cent.; sys., pump to res. & grav.; res. cap., 9,900,000 gals.; mains, c. i., 23 m., 3 to 12 in. dia.; 160 hyd.; 62 v.; met., 1; 2,700 serv.; pipe, lead & galv. l.; pres., dom. 15 to 38 lbs.; f. 60 lbs.; cost, \$22,000; cost mtce., \$2,500; wks. owned by city.

FROSTBURG, p. 6,028; f. area, 3,200 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 h. & l. trk., 5 hose car., 1 c. eng.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 2,000 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$4,500; val. bldgs., \$4,000; exp. dept., \$300; tot. mem., 100 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav. & pump to res.; res. cap., 2,435,000 gals.; new res. completed, cap. 500,000 gals.; 2 pump. eng., cap. day 150,000 gals.; mains, 9 m., 2 to 8 in. dia.; 57 hyd.; 31 v.; met., 9; 900 serv.; pipe, galv. l.; pres., dom. 120 lbs.; f. 180 lbs.; cons. day, 150,000 gals.; cost, \$55,000; cost mtce., \$1,800; wks. owned by city.

HAGERSTOWN, p. 16,507; f. area, 2 sq. m.; merc. bldgs., stn., bk. & wd., 2 stor.; priv., mostly bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 auto. comb. str., 2 comb. c. & h. wag., 1 c. eng. on wls., 16 c. hand ex., 1 h. & l. trk., 3 hose wag., 5 hose car., 6 hra.; hose, cot., rub. lined, gd., 10,000 ft.; f. al., Gamewell, 42 bx.; val. equip., \$45,000; val. bldgs., \$150,000; exp. dept., \$8,000; tot. mem., 210, pd. full time 10, vol. 200.

Water Supply—Src., mountain spr., 11 m. bus. cent.; sys., grav.; res. cap., 185,000,000 gals., loc. Smithsburg, Md.; 1 pump. eng., class comp., cap. day 3,000,000 gals.; mains, c. i., 48 m., 4 to 20 in. dia.; 100 hyd.; 112 v.; met., 2,600; 3,000 serv.; pipe, galv. l.; pres., dom. 55 lbs.; f. 90 lbs.; cons. day, 2,500,000 gals.; cost, \$860,000; wks. owned by Co.

HAVRE DE GRACE, p. 4,212; f. area, 500 a.; merc. bldgs., bk., stn. & wd., 1 to 4 stor.; priv., bk., stn. & wd., 1 to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose wag.; 1 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; rub., gd., 400 ft.; tot. hose, 2,500 ft.; f. al., telp.; val. equip., \$4,000; val. bldgs., \$1,000; exp. dept., \$450; tot. mem., 55 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to res.; res. cap., 4,000,000 gals.; 1 pump. eng., cap. day 360,000 gals.; mains, c. i., 10 m., 4 to 10 in. dia.; 60 hyd.; 170 v.; met., 9; 450 serv.; pipe, galv. l.; pres., dom. 100 lbs.; f. 140 lbs.; cost, \$100,000; cost mtce., \$2,000; wks. owned by Co.

HYATTSVILLE, p. 1,917; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$700; exp. dept., \$450; tot. mem., 35 vol.

Water Supply—Src., wells, 6 artesian, at edge of town; sys., pump to stdp.; stdp. cap., 100,000 gals., loc. 1,300 yds. from wells; mat., stl.; res. cap., 100,000 gals., loc. at station; 2 pump. eng., class trip., cap. day 90,000 gals.; mains, iron, 5 m., 4 to 8 in. dia.; 70 hyd.; 50 v.; 400 met.; 450 serv.; pres.,

f., 60 lbs.; cons. day, 70,000 gals.; cost, \$32,000; cost mtce., \$4,500; wks. owned by city.

LA PLATA, p. 269; f. area, 30 a.; merc. bldgs., wd., 1 to 2 stor.; priv., wd.; wd. rfs. perm. in f. area. F. dept.—1 hand c. eng., 1 hose wag.; hose, cot., rub. lined, gd., 200 ft.; val. equip., \$500; exp. dept., \$125,000; tot. mem., 100 vol.

Water Supply—Src., wells.

LAUREL, p. 2,415; merc. bldgs., stn., bk. & wd., 2 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 3 hose car., 4 c. hand ex.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh., 16 bx.; tot. mem., 57 vol.

Water Supply—Src., lake; sys., pump to stdp.; stdp. cap., 135,000 gals.; res. cap., 12,000 gals.; mains, 4 m., 4 to 8 in. dia.; 33 hyd.; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 40,000 gals.; cost, \$35,000; wks. owned by town.

LIBERTYTOWN, p. 1,354; f. area, 75 a.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng.; hose, cot., rub. lined, gd., 860 ft.; val. equip., \$750; val. bldgs., \$400; tot. mem., 50 vol.

Water Supply—Src., wells; no waterwks.

LONACONING, p. 1,552; f. area, 267 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.; val. equip., \$4,750; val. bldgs., \$1,000; exp. dept., \$300; tot. mem., 50 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 5,000,000 gals.; mains, iron, 5½ m., 4 to 12 in. dia.; 35 hyd.; met., 7; 400 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 50,000 gals.; cost, \$85,000; cost mtce., \$1,200; wks. owned by Co.

MT. WASHINGTON, p. 1,500; f. area, 5,000 ft.; merc. bldgs., wd. & stn., 2 stor.; priv., wd. & stn., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng.; hose, cot., rub. lined, gd., 1,000 ft.; 3 c. hand ex., hose car., reels, &c., 2 hrs.; f. al., elec., 9 bx.; val. equip., \$1,200; val. bldgs., \$2,000; exp. dept., \$2,500; tot. mem., 2, pd. full time.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 45,000 gals.; mat., wd. & iron, 3 pump. eng.; mains, c. & wrt. l., 27 hyd.; met., 107; wks. owned by Co.

NORTHEAST, p. 974; f. area, 25 a.; merc. bldgs., bk. & wd., 2½ stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng. on wls., 1 comb. c. & h. wag.; hose, cot., rub. lined, gd., 150 ft.; val. equip., \$400; tot. mem., 20 vol.

Water Supply—Src., well. No waterwks. sys.

OAKLAND, p. 1,366; f. area, 300 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 hose cart, 6 c. hand ex., 1 h. & l. trk.; hose, linen, gd., 150 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$300; exp. dept., \$100; tot. mem., 50 vol.

Water Supply—Src., wells, cisterns & riv.

OXFORD, Talbot Co., p. 1,191; merc. bldgs., wd.; wd. rfs. perm. F. dept.—comb. gas hand eng., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$800; exp. dept., \$150; tot. mem., 65 vol.

Water Supply—Src., riv. & wells.

POCOMOKE, p. 2,369; merc. bldgs., bk., 2 stor.; priv., wd., 2½ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., wh.; val. equip., \$8,000; val. bldgs., \$6,000; exp. dept., \$300; tot. mem., 25 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 88,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. i., 2 m., 4 to 8 in. dia.; 42 hyd.; pres., f. 48 to 50 lbs.

PORT DEPOSIT, p. 1,394; f. area, 100 a.; bldgs., wd. & bk., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 str., 4 sets of ladders, 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; tot. mem., 50 vol.

Water Supply—Src., spr., 2,000 ft. bus. cent.; sys., grav. & pump to res.; res. cap., 300,000 gals.; mains, c. i., 2 m., 4 to 6 in. dia.; 16 hyd., 110

serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 110 lbs.; cost, \$20,000; cost mtce., \$100; wks. owned by town.

ROCKVILLE, Montgomery Co., p. 1,181. F. dept.—1 h. & l. trk., 1 hose cart; hose, cot., 500 ft.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; cap., 52,000 gals.; 13 x 52 ft.; mat. bk., stl. tower; 8 pump. eng., cap. min. 200 gals.; mains, c. i., 3 m., 4 to 8 in. dia.; 33 hyd., 12 v.; pipe, iron; pres., dom. 60 lbs., f. 80 to 100 lbs.; cons. day, 20,000 gals.; cost mtce., \$1,200; wks. owned by city.

SALISBURY, p. 6,690; f. area, 600 a.; merc. bldgs., bk., 2 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 h. & l. trk., 1 hose wag., 2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$6,000; tot. mem., 40 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 86,500 gals.; dim., 12 x 100; mat., wrt. l.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 26 hyd.; 63 v.; met., 2; pipe, galv. i. & lead; pres., dom. 50 lbs., f. 135 lbs.; cons. day, 200,000 gals.; cost, \$39,700; wks. owned by Co.

SNOW HILL, p. 1,844; f. area, 300 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—c. hand ex., 2 hose car., 1 h. & l. trk., 2 hrs.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., wh.; val. equip., \$1,600; val. bldgs., \$4,000; exp. dept., \$300; tot. mem., 24 vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 34,000 gals.; 2 pump. eng., class hor. dup., cap. day 1,200,000 gals.; mains, 9 m., 4 to 6 in. dia.; 32 hyd.; 100 serv.; pres., dom. 30 lbs., f. 80 to 140 lbs.; cost, \$25,000; cost mtce., \$1,000; wks. owned by town.

ST. MICHAELS, p. 1,517; f. area, 60 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 1 water tower, 3 hose car.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,300; tot. mem., 60, pd. full time 1, vol. 59.

Water Supply—Src., 50 wells & riv.; also stdp., cap. 67,000 gal.; 1 pump.

TANEYTOWN, p. 824. F. dept.—1 hand trk., 2 hose reels; hose, 1,000 ft.; tot. mem., 40 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 115,000 gals.; 1 pump. eng.; mains, 2 m., 4 to 8 in. dia.; 21 hyd.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$11,000; cost mtce., \$1,150; wks. owned by city.

Water Supply—Src., spr., well & creek; stdp. cap., 115,000 gals.; 1 pump. eng.; mains, 2 m., 4 to 8 in. dia.; 21 hyd.; pres., dom. 60 lbs., f. 100 lbs.

THURMONT, p. 908. F. dept.—1 h. & l. trk., 3 hose reels; hose, 1,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,500; tot. mem., 100 vol.

Water Supply—Src., mountain strm., 1½ m. bus. cent.; sys., grav.; res. cap., 180,000 gals.; mains, 6 m., 4 to 6 in. dia.; 27 hyd.; 12 v.; 2 met.; 150 serv.; pres., dom. 50 lbs., f. 80 lbs.; cons. day, 80,000 gals.; cost, \$16,000; cost mtce., \$360; wks. owned by priv. Co.

TOWSON, p. 2,500; f. area, 4 sq. m.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 2½ stor.; causes of f. inv. F. dept.—1 auto. str., 1 c. eng. on wls., 2 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,600 ft.; rub. gd., 300 ft.; inf., 800 ft.; tot. hose, 2,700 ft.; f. al., bell, 5 bx.; val. equip., \$15,000; val. bldgs., \$12,000; exp. dept., \$2,500; tot. mem., 100, pd. full time 2, vol. 38.

Water Supply—Src., river, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 200,000 gals.; mat., stl.; res. cap., 4,000,000 gals.; 2 pump. eng., cap. day, 2,000,000 gals.; mains, c. & wrt. i., 2 to 10 in. dia.; pres., dom. & f. 80 lbs.; wks. owned by city.

UNION BRIDGE, p. 804; f. area, 250 a.; merc. bldgs., bk., 2 & 3 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., lined, gd., 1,500 ft.; rub. lined, 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$4,000; tot. mem., 45 vol.

Water Supply—Src., spr. & wells, 500 yds. bus. cent.; sys., pump to res. & dir.; res. cap., 425,000 gals.; pump. eng., class comp., cap. day 250,000 gals.; mains, 2½ m., 4 to 6 in. dia.; 23 hyd.; 40 v.; met., 3; 100 serv.; pipe, galv. i.; pres., 400 lbs.; f. 100 lbs.; cons. day, 125,000 gals.; cost, \$24,500; cost mtce., \$600; wks. owned by Co.

WESTMINSTER, p. 3,295; f. area, 1,800 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 5 hose wag., 5 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f.

al. bell; val. equip., \$5,000; val. bldgs., \$12,000; exp. dept., \$200; tot. mem., 50 vol.

Water Supply—Src., wells & spr., 2 m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; mains, 3 m.; pump. eng., cap. day 2,000,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 60 hyd.; 100 v.; met., 200; 1,021 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 100 lbs.; cost, \$105,000; wks. owned by Co.

Places of a population of 1,000 or more having no organized fire dept.—Berten, Sharpsburg, West-ernport, Williamsport.

Places of a population of 1,000 or more not reported—Chesapeake, Sharon, St. Denis.

MASSACHUSETTS

ABINGTON, p. 5,455; merc. bldgs., wd., 3 & 4 stor.; priv., wd., 1½ to 2½ stor.; wd. rfs. perm. F. dept.—2 h. & 1 trk., 5 hose car., 8 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 1,500 ft.; tot. hose, 6,000 ft.; f. al., Gamewell, 21 bx.; val. equip., \$9,000; val. bldgs., \$5,000; exp. dept., \$4,500; tot. mem., 96, pd. full time 66.

Water Supply—Src., pond, 8 m. bus. cent.; sys., pump to stdp.; 2 stdp., No. 1 cap. 387,000 gals., No. 2 cap. 1,295,000 gals., No. 1 dim. 25 x 100, No. 2 46 x 104, loc. on Beech Hill, mat. stl. & conc.; 2 pump. eng., cap. day 4,500,000 gals.; mains, c. i., 25 m., 6 to 16 in. dia.; 151 hyd.; 93 v.; met., 300; 1,017 serv.; pipe, cem. lined; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 403,449 gals.; cost, \$150,000; cost mtce., \$4,193.50; wks. owned by town.

ACTION, Middlesex Co., 2,120; merc. bldgs., wd., 1½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—3 hand eng., 1 c. eng., 11 c. hand ex., 4 h. & 1 trk., hose carried on eng., pails & Johnson hand pump; hose, cot., rub. lined, gd., 350 ft.; rub. gd., 60 ft.; linen, gd., 550 ft.; inf., 200 ft.; tot. hose, 1,160 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$500; tot. mem., 100 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 504,000 gals.; mat., stl.; 2 pump. eng.; cap. day, 864,000 gals.; mains, c. i., 11 m., 6 to 12 in. dia.; 100 hyd.; 300 met.; 300 serv.; pipe, wtl. & cem.; pres., dom. & f. 80 to 100 lbs.; cost, \$100,000; wks. owned by city.

ADAMS, p. 13,026; f. area, 1,500 a.; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—6 c. hand ex., 2 h. & 1 trk., 1 hose wag., 5 hose car., 2 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., elec., 30 bx.; val. equip., \$7,500; val. bldgs., \$10,000; exp. dept., \$2,000; tot. mem., 45 vol.

Water Supply—Src., strm. & driven wells, 2 to 6 m. bus. cent.; sys., grav.; res. cap., 4,000,000 gals., loc. at Cheshire, 2½ m. distant; 2 pump. eng., cap. day 4,500,000 gals.; mains, c. i., 21 m., 4 to 18 in. dia.; 819 hyd.; 150 v.; met., 50; 1,460 serv.; pipe, wrt. i.; pres., dom. 100 lbs., f. 130 lbs.; cost, \$500,000; cost mtce., \$3,200; wks. owned by f. district.

AGAWAN, p. 3,200. F. dept.—1 auto. trk., 3 hose carts, 2 hand trk.; val. equip., \$2,800; val. bldgs., \$2,000; exp. dept., \$1,000; tot. mem., 75, pd. part time.

Water Supply—Src., from Springfield; sys., grav.; mains, 25 m.; 250 hyd.; pres., dom. 90 lbs.; f. 120 lbs.; cost, \$150,000; wks. owned by town.

AMESBURY, p. 9,894; f. area, 1,500 a.; merc. bldgs., stn., bk. & wd., 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 hand eng., 12 c. hand ex., 1 h. & 1 trk., 4 hose wag., 3 hose car., reel, &c., 8 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; f. al., Gamewell, 25 bx.; val. equip., \$15,000; val. bldgs., \$6,000; exp. dept., \$7,300; tot. mem., 152, pd. part time 52, vol. 100; undra. rating, first class.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to res. & dir.; res. cap., 3,800,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 16 m., 4 to 12 in. dia.; 155 hyd.; met., 35; 1,900 serv.; pipe, galv. i. & lead; pres., dom. 55 lbs., f. 115 lbs.; cons. day, 500,000 gals.; wks. owned by town.

AMHERST, p. 5,112; f. area, 10 sq. m.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 36 c. hand ex., 1 h. & 1 trk., 3 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 6,500 ft.; f. al., bell & wh., 20 bx.; val. equip., \$7,500; val. bldgs., \$5,000; exp. dept., \$2,000; tot. mem., 44; pd. part time 36, vol. 8.

Water Supply—Src., brook, 4 m. bus. cent.; sys., grav.; res. cap., 12,000,000 gals.; pump. eng.; mains, cem. & iron, 21 m., 2 to 12 in. dia.; 69 hyd.; 400 serv.; pres., dom. 100 lbs., f. 65 to 150 lbs.; cost, \$85,000; wks. owned by Co.

ANDOVER, p. 7,301; f. area, 20,098 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 11 c. hand ex., 2 h. & 1 trk., 3 hose wag., 1 auto. comb. c. & h. wag., 8 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., elec., 26 bx.; val. equip., \$8,850; val. bldgs., \$16,000; exp. dept., \$5,700; tot. mem., 34 vols.

Water Supply—Src., pond, 4 m. bus. cent.; sys., pump to res.; res. cap., 1,500,000 gals., loc. 1½ m. s. of cent. of town; 2 pump. eng., class dup., cap. day 3,600,000 gals.; mains, c. i., 47 m., 4 to 14 in. dia.; 344 hyd.; met., 1,081; 1,304 serv.; pipe, cem. & lead; pres., dom. 15 to 120 lbs., f. 80 to 160 lbs.; cons. day, 558,000 gals.; cost, \$350,000; cost mtce., \$8,100; wks. owned by town.

ARLINGTON, Middlesex Co., p. 11,187; merc. bldgs., wd. & bk., 1 to 4 stor.; priv., wd., 2 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 8 c. hand ex., 1 h. & 1 trk., 2 hose wag., 8 hrs.; 1 auto. comb. c. & h. wag., 1 auto. trip. pump, comb. c. & h. wag.; hose, cot., rub. lined, gd., 6,500 ft.; inf., 1,800 ft.; tot. hose, 7,800 ft.; f. al., Gamewell, 35 bx.; val. equip., \$25,000; val. bldgs., \$40,000; exp. dept., \$12,600; tot. mem., 48, pd. full time 6, pd. part time 42.

Water Supply—Src., Metropolitan, 30 m. bus. cent.; sys., grav., pump to stdp.; stdp. cap., 562,000 gals., dim. 40 x 60, mat. boiler i.; mains, c. i. & cem. lined, 43 m., 4 to 12 in. dia.; 430 hyd.; 380 v.; met., 1,957; 2,366 serv.; pipe, cem. lined & wrt. i.; pres., dom. 90 lbs., f. 60 to 120 lbs.; cons. day, 1,077,000 gals.; cost, \$576,156; cost mtce., \$7,187; wks. owned by town.

ASHBURNHAM, p. 1,882; f. area, 1,280 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 2 hand eng., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 500 ft.; tot. hose, 4,500 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$3,500; exp. dept., \$2,000; tot. mem., 40 pd. part time.

Water Supply—Src., spr., ½ m. bus. cent.; sys., grav.; stdp. cap., 417,500 gals.; dim., 20 x 40; mat. cem.; res. cap., 1,500,000 gals., loc. on side of hill; mains, iron, 9 m., 6 to 8 in. dia.; 54 hyd.; 202 serv.; pipe, lead; pres., dom. 60 lbs., f. 135 to 195 lbs.; cost, \$12,600; cost mtce., \$100; wks. owned by town.

ASHBY, p. 867. F. dept.—1 c. eng., 2 hand eng., 50 hand ex., 1 hose wag.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 200 ft.; inf., 100 ft.; tot. hose, 800 ft.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 55, pd. part time.

Water Supply—Priv. wells.

ASHFIELD, p. 959. F. dept.—1 hose cart, 800 ft. hose; pres., f. 100 lbs.; 22 vol.

ASHLAND, p. 1,685; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 10 c. hand ex., 1 h. & 1 trk., 2 hose reels, 7 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & air wh.; val. equip., \$5,200; val. bldgs., \$6,000; exp. dept., \$1,800; tot. mem., 38, pd. part time.

ATHOL, p. 8,586; f. area, 2,000 a.; merc. bldgs., bk., iron & wd., 3 & 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 hand eng., 3 c. hand ex., 2 h. & 1 trk., 3 hose wag., 1 comb. wag., 20 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; inf., 700 ft.; tot. hose, 7,700 ft.; f. al., Stevens, 30 bx.; val. equip., \$17,000; val. bldgs., \$30,000; exp. dept., \$5,000; tot. mem., 60, pd. part time.

Water Supply—Src., brooks & spr.; aya., grav. & pump to res.; res. cap., 120,000,000 gals.; mains, iron, 23 m., 4 to 14 in. dia.; 79 hyd.; met., 50; 1,100 serv.; pipe, galv. & wrt. i.; pres., dom. 50 lbs., f. 150 lbs.; cons. day, 750,000 gals.; wks. owned by town.

ATTLEBORO, p. 16,218; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 auto. comb. c. & h. wag., 17 c. hand ex., 3 h. & 1 trk., 3 hose wag., 2 hose reels, 10 hrs.; hose, cot., rub. lined, gd., 10,000 ft.; inf., 2,000 ft.; tot. hose, 12,000 ft.; f. al., elec., 73 bx.; val. equip., \$80,700; val. bldgs., \$62,800; exp. dept., \$24,000; tot. mem., 106, pd. full time 12, pd. part time 84.

Water Supply—Src., wells & riv., 4 m. bus. cent.; aya., pump to stdp. & dir.; stdp. cap., 1,500,000 gals., dim. 50 x 100, loc. in town, mat. conc.; res. cap., 145,000,000 gals.; 2 pump. eng., cap. day 5,000,000 gals.; mains, c. l., 64.2 m., 1 to 24 in. dia.; 480 hyd.; met., 2,782; 2,640 serv.; pres., dom. 85 to 100 lbs., f. 110 lbs.; cons. day, 1,000,000 gals.; cost, \$840,867; cost mtce., \$75,000; wks. owned by town.

AVON, p. 1,915; f. area, 1,280 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 light wag., with 500 ft. hose & hanging harness, 1 hose wag., 1 hose reel, 1 h. & 1 wag., 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 500 ft.; tot. hose, 2,300 ft.; f. al., Gamewell, 6 bx.; val. equip., \$8,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 18 vol.

Water Supply—Src., well & spr.; aya., pump to stdp.; stdp. cap., 212,670 gal., dim. 20 x 90, mat. wrt. i.; 1 pump. eng., class comp., cap. day 1,000,000 gals.; mains, 6¼ m., 6 to 10 in. dia.; 63 hyd.; 85 v.; met., 37; 434 serv.; pipe, iron; pres., dom. 65 lbs., f. 65 lbs.; cons. day, 61,921 gals.; cost, \$78,667.20; cost mtce., \$1,800; wks. owned by town.

AYER, p. 2,797; f. area, 200 a.; merc. bldgs., bk. & wd., 1½ to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 6 c. hand ex., 1 h. & 1 trk., 2 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., elec., 19 bx.; val. equip., \$3,500; tot. mem., 41, pd. by the year.

Water Supply—Src., well, fed by spr.; aya., pump to res.; res. cap., 1,250,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 9 m., 4 to 14 in. dia.; 59 hyd.; met., 325; 527 serv.; pres., f. 65 lbs.; cons. day, 119,582 gals.; cost, \$112,905.95; cost mtce., \$4,552.55; wks. owned by town.

BALDWINVILLE, p. 1,200. F. dept.—2 str., 8 c. hand ex., 2 hose carts, 2 hose reels, hose, 5,000 ft.; exp. dept., \$1,800; tot. mem., 104 vol.

Water Supply—Src., riv.; aya. not reported.

BARNSTABLE, p. 1,600; f. area, 640 a. F. dept.—2 c. eng., 12 c. hand ex., 1 h. & 1 trk., 1 hose car., 1,450 ft. hose; val. equip., \$7,000; val. bldgs., \$1,000; exp. dept., \$500; tot. mem., 45 vol.

Water Supply—Src., well, 1 m. bus. cent.; aya., pump to stdp.; 1 pump. eng., cap. day 1,000,000 gals.; mains, 9 m.; 70 hyd.; 85 v.; 90 serv.; pipe, c. i.; pres., dom. 80 lbs., f. 80 lbs.; wks. owned by priv. Co.

BARRE, p. 2,957; f. area, 7 sq. m.; merc.

bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 42 c. hand ex., 1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., bell; exp. dept., \$1,486.36; tot. mem., 69, pd. part time.

Water Supply—Src., spr., 1 m. bus. cent.; aya., grav.; res. cap., 15,000,000 gals.; mains, iron, 4 m., 8 to 12 in. dia.; 85 hyd.; 12 v.; met., 18; 178 serv.; pipe, cem. lined; pres., dom. 80 lbs., f. 70 to 150 lbs.; cons. day, 100,000 gals.; cost, \$40,000; cost mtce., \$200; wks. owned by town.

BEDFORD, p. 1,208; merc. bldgs., wd., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 18 c. hand ex., 1 h. & 1 trk., 1 c. eng., 1 comb. wag., 2 hose car.; hose, cot., rub. lined, gd., 1,680 ft.; inf., 500 ft.; tot. hose, 2,080 ft.; f. al., bell; exp. dept., \$800; tot. mem., 42, pd. part time.

Water Supply—Src., large collecting well & storage basin; stdp. cap., 235,000 gals.; res. cap., 3,750,000 gals.; 2 pumps, cap. day 720,000 gals.; 45 hyd.; pres., dom. 70 lbs., f. 70 to 90 lbs.

BELCHERTOWN, p. 2,292; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1½ stor.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng. on wks., 2 c. hand ex., 1 h. & 1 trk., 1 hose wag.; hose, 500 ft.; f. al., bell; val. equip., \$1,500; tot. mem., 25 vol.

Water Supply—Src., wells & cisterns.

BELMONT, p. 5,542; f. area 5 sq. m.; merc. bldgs., stn. wd. & bk., 1 & 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 auto. trip. comb. hose, c. & pump trk., 3 hrs.; hose, cot., rub. lined, gd., 2,800 ft.; inf., 400 ft.; tot. hose, 3,200 ft.; f. al., Gamewell, 45 bx.; val. equip., \$18,717; val. bldgs., \$16,000; exp. dept., \$9,000; tot. mem., 32, pd. full time 4, pd. part time 28.

Water Supply—Src., Metropolitan Water Board; aya., grav.; mains, c. l., 29.36 m., 2 to 12 in. dia.; 222 hyd.; 398 v.; met., 1,242; 1,294 serv.; pipe, c. & wrt. i. & cem. lined; pres., dom. & f. 30 to 160 lbs.; cons. day, 463,600 gals.; wks. owned by town.

BEVERLY, p. 18,650; f. area, 8,000 a.; merc. bldgs., wd. & bk., 1 to 5 stor.; priv., wd., 2 to 3 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—4 str., 28 c. hand ex., 1 auto. comb. trk., 2 h. & 1 trk., 6 hose wag., 1 c. eng., 1 supply wag., 21 hrs.; hose, cot., rub. lined, gd., 14,000 ft.; f. al., Gamewell, 73 bx.; val. equip., \$65,000; val. bldgs., \$77,000; exp. dept., \$20,000; tot. mem., 125, pd. full time 14, pd. part time 111; undrs. rating, third class.

Water Supply—Src., lake, 2½ m. bus. cent.; aya., pump to res. & dir.; res. cap., 3,200,000 gals., loc. at North Beverly; 2 pump. eng., class hor. comb., cap. day 4,000,000 gals.; mains, c. l., 77 m., 1 to 30 in. dia.; 445 hyd.; 746 v.; met., 750; 4,200 serv.; pipe, galv. i. & lead; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 1,300,000 gals.; cost, \$550,000; cost mtce., \$30,000; wks. owned by city.

BILLERICA (including North Billerica), p. 2,789; f. area, 17,000 a.; merc. bldgs., wd. & bk., 4 stor.; priv., wd., 2 & 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; F. dept.—1 str., 24 c. hand ex., 2 h. & 1 trk., 4 rotary force pumps, 2 hose wags., 2 hose cars, 2 forest f. wag.; hose, cot., rub. lined, gd., 3,150 ft.; inf., 406 ft.; tot. hose, 3,550 ft.; f. al., bell; val. equip., \$6,500; val. bldgs., \$5,000; exp. dept., \$2,800; tot. mem., 50, pd. part time.

Water Supply—Src., driven wells; aya., pump to stdp.; stdp. cap., 430,000 gals.; pump. eng., cap. day 80,127 gals.; mains, c. l., 9 7-10 m., 6 to 12 in. dia.; 101 hyd.; 84 v.; met., 83; 325 serv.; pipe, wrt. i.; pres., dom. 54 lbs., f. 120 lbs.; cons. day, 80,316 gals.; cost, \$92,148; cost mtce., \$2,402.25; wks. owned by town.

BLACKINGTON, p. 1,050; bldgs., wd., 2 to 4 stor.; wd. rfs. perm. F. dept.—50 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 750 ft.; linen, gd., 250 ft.; tot. hose, 1,000 ft.; f. al., automatic; val. equip., \$1,000.

Water Supply—Src., brook & mountain str.; aya., grav. & pump dir.; res. cap., 250,000 gals.; 2 pumps; mains, ¼ m., ¼ to 6 in. dia.; 11 hyd.; 8 v.; pres., f. 141 lbs.; cost, \$7,000.

BLACKSTONE, p. 5,648; f. area, 4 sq. m.; merc. bldgs., bk., 3 stor.; priv., wd., 30 ft. high; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str. 6 c. hand ex., 2 hose wag., 6 hose car., 1 comb. c. & h. wag., 6 hra.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh., 2 bx.; val. equip., \$10,000; val. bldgs., \$8,000; exp. dept., \$1,800; tot. mem., 38, pd. part time.

Water Supply—Src., supplied by Millville & Woonsocket Water Wks.

BLANDFORD, p. 746. F. dept.—2 hose carts, 5 hand ex.; bell al.; vol.

BOLTON, p. 770; f. area, 12,000 a. F. dept.—1 hand eng., 1 h. & l. trk.; tot. mem., 20 vol.; val. equip., \$1,200.

Water Supply—Src., brooks & wells.

BOSTON, p. 670,585; f. area, 47.34 sq. m.; merc. bldgs., stn., bk. & wd., 1 to 14 stor.; priv., stn., bk. & wd., 12 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—45 str. (6 in reserve), 4 comb. c. & h. wag. (1 in reserve), 49 hose wag., 5 aer. trk. (2 in reserve), 21 comb. h. & l. trk., 10 h. & l. trk., 14 c. eng., 2 supply wag., 41 fuel wag., 24 chiefs' auto. & wag., 4 water towers, 150 c. ex., 3 f. boats, 415 hra.; hose, cot., rub. lined, gd., 132,720 ft. (8,536 in reserve); tot. hose, 186,255 ft.; f. al., Gamewell, 817 bx.; val. equip., \$1,116,255; val. bldgs., \$2,128,712; exp. dept., \$1,746,220; tot. mem., 1,055, pd. full time.

Water Supply—Src., water delivered into city mains from the Metropolitan Water Wks.; 10 res., comb. cap. day 81,000,000 gals.; 3 pump. eng. cap. day 211,000,000 gals.; mains, c. l., 829 m., 2 to 48 in. dia.; 8,592 hyd.; 11,818 v.; met., 27,041; 102,869 serv.; pipe, c. l. & lead; pres., dom. 30 to 90 lbs., f. 30 to 90 lbs.; cost, \$16,800,000; cost mtce., \$840,000; wks. owned by city.

BRAINTREE, p. 8,066; merc. bldgs., wd., 3 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—12 c. hand ex., 3 h. & l. trk., 3 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., Gamewell, 37 bx.; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$3,335; tot. mem., 63 vol.

Water Supply—Src., spr. & pond, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 520,000 gals., dim. 100 x 30, mat. stl.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 29 m., 4 to 12 in. dia.; 199 hyd.; 264 v.; met., 14; 1,808 serv.; pipe, lead & iron; pres., dom. 80 lbs., f. 85 lbs.; cons. day, 538,443 gals.; wks. owned by town.

BRIDGEWATER, p. 7,688; f. area, entire town; merc. bldgs., wd. & bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 3 hose reels, 7 hra.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., elec., 22 bx.; val. equip., \$9,000; val. bldgs., \$2,500; exp. dept., \$2,500; tot. mem., 54, pd. part time.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 276,000 gals., dim. 25 x 75, mat. iron; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, c. l., 27 m., 4 to 10 in. dia.; 110 hyd.; 90 v.; met., 225; 1,070 serv.; pipe, galv. l.; pres., dom. 60 to 90 lbs., f. 60 to 90 lbs.; cons. day, 225,000 gals.; wks. owned by Co., & also supply East Bridgewater.

BROCKTON, p. 56,878; f. area, 13,824 a.; merc. bldgs., stn. & bk., 3 to 8 stor.; priv., stn., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 2 gasoline eng., 1 c. eng., 2 auto. c. eng., 24 c. hand ex., 2 city trk., 1 aer. trk., rapid holst., 1 aer. trk. in reserve, 5 hose wag., 1 hose car., 33 hra.; hose, cot., rub. lined, gd., 14,000 ft.; f. al., elec., 124 bx.; val. equip., \$90,000; val. bldgs., \$56,000; exp. dept., \$90,000; tot. mem., 91, pd. full time 65, pd. part time 26.

Water Supply—Src., lake, 14 m. bus. cent.; sys., pump to res.; 2 res., dim. 160 x 26.5, mat. conc., cap. 8,000,000 gals.; 3 pump. eng., cap. day 18,000,000 gals.; mains, c. l., 118.43 m., 6 to 30 in. dia.; 1,082 hyd.; 1,724 v.; met., 8,466; 8,965 serv.; pipe, cem. lined & c. i.; pres., dom. & f. 60 to 90 lbs.; cons. day, 2,949,000 gals.; cost, \$2,144,695; cost mtce., \$45,000; wks. owned by city.

BROOKFIELD, p. 2,388; f. area, 1,000 a.; merc. bldgs., wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 hand eng., 24 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 8,200 ft.; f. al., bells & wh.; val. equip., \$8,500; val. bldgs., \$2,000; exp. dept., \$900; tot. mem., 38 vol.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 5,200,000 gals.; loc. north-east of town; 1 pump. eng., class comp., cap. day 180,000 gals.; mains, c. l., 15,716 ft., 6 to 12 in. dia.; 36 hyd.; 16 v.; met., 35; 150 serv.; pipe, galv. l. & lead; pres., dom. 56 to 75 lbs., f. 56 to 100 lbs.; cons. day 150,000 gals.; cost, \$27,684; wks. owned by town.

BROOKLINE, p. 27,792; f. area, 6.8 sq. m.; merc. bldgs., bk. & wd., 3 stor.; priv., stn., bk. & wd., $2\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 str., 1 c. eng. on wls., 18 c. hand ex., 2 h. & l. trks., 1 aer. trk., 5 hose wag., 4 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 38 hrs.; hose, cot., rub. lined, gd., 12,800 ft.; f. al., bell, 73 bx.; val. equip., \$55,000; val. bldgs., \$152,000; exp. dept., \$20,000; tot. mem., 81, pd. full time 73, 8 vol.

Water Supply—Src., filtering galleries & driven wells, 7 m. bus. cent.; sys., pump to res. & stdp.; 2 low service res., Fisher Hill, Brookline, combined cap. 7,500,000 gals.; high service res. & stdp., Singletree Hill, Brookline, cap. 4,750,000 gals.; 4 pump. eng. at low serv. pump. station, cap. day 13,500,000 gal.; 2 pump. eng. at high service pump. station, cap. day 4,000,000 gals.; mains, c. & wrt. i., 92 m., 6 to 24 in. dia.; 700 hyd.; 5,117 serv.; pipe, iron, cem. lined; pres., dom. 40 to 100 lbs., f. 40 to 100 lbs.; cons. day, 1912, 2,640,226 gals.; cost, \$1,408,061; cost mtce., 1912, \$39,500; wks. owned by town.

BRYANTVILLE, p. included in Pembroke. F. dept.—1 hose cart, 48 hand ex.; bell al.; 40 vol.

BUCKLAND, p. 1,446; merc. bldgs., bk. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 2 hose car.; hose, 3,000 ft.; f. al., Gamewell; pd. f. dept.

Water Supply—Src., wells, sys., grav.; 15 m. mains, 6 to 10 in. dia.; 85 hyd.

CAMBRIDGE, p. 104,839; f. area, 4,315 a.; merc. bldgs., stn., bk. & wd., 1 to 7 stor.; priv., bk. & wd., $3\frac{1}{2}$ to 7 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 str., 2 c. eng. on wls., 29 c. hand ex., 4 h. & l. trk., 1 aer. trk., 7 hose wag., 2 comb. wag., 52 hrs.; hose, cot., rub. lined, gd., 15,400 ft.; rub., gd., 1,150 ft.; tot. hose, 16,550 ft.; f. al., bell, wh. & elec., 190 bx.; val. equip., \$90,899; val. bldgs., \$158,500; exp. dept., \$147,500; tot. mem., 136, pd. full time 96, pd. part time 40.

Water Supply—Src., brooks & pond, $13\frac{1}{2}$ m. bus. cent.; sys., grav., pump to res.; res. cap., 2,270,000,000 gals.; 4 pump. eng., cap. day 32,250,000 gals.; mains, c. l. & stl., 138 l.-22 m., 2 to 40 in. dia.; 1,148 hyd.; 2,257 v.; met., 5,315; 16,395 serv.; pipe, galv. l. & lead lined; pres., dom. 45 to 55 lbs., f. 55 to 60 lbs.; cons. day, 10,486,380 gals.; cost, \$6,640,033; cost mtce., \$90,488; wks. owned by city.

CANTON, p. 4,797; f. area, 1,300 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hand eng., 12 c. hand ex., 2 h. & l. trk., 8 hose wag., 1 hose car., 7 hra.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 250 ft.; tot. hose, 5,250 ft.; f. al., bell & wh., 28 Gamewell bx.; val. equip., \$7,500; val. bldgs., \$7,000; exp. dept., \$8,505; tot. mem., 60, pd. part time vol.

Water Supply—Src., springs, $2\frac{1}{2}$ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 468,000 gals., dim. 65 x 35, loc. High st.; 2 pump. eng., class comp. con., cap. day 2,000,000 gals.; mains, c. l., 23 m., 4 to 12 in. dia.; 177 hyd.; 74 v.; met., 455; 923 serv.; pipe, cem. lined; pres., dom. 80 lbs., f. 48 to 98 lbs.; cons. day, 250,000 gals.; cost, \$238,369; cost mtce., \$4,500; wks. owned by town.

CHARLTON CITY, p. 2,400. F. dept.—1 c. eng., 75 c. hand ex., axes, ladders, &c.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$5,000; tot. mem., 100 vol.

Water Supply—Src., res., 1 m. bus. cent.; sys., pump to res.; 4 pump. eng.; 16 hyd.; 32 v.; pres.,

dom. 40 lbs., f. 140 lbs.; wks. owned by priv. Co. & city.

CHELMSFORD, p. 5,010; merc. bldgs., bk. 2 stor.; priv., wd., 1 to 2½ stor.; wd. rfs. perm. in f. area; no fwks & combt. ord.; causes of f. inv. F. dept.—1 hand c. eng., 2 comb. c. & h. wag., 80 c. hand ex., 2 h. & l. trks., 1 comb. c. & l. trk., 4 hose reels; hose, cot., rub. lined, gd., 2,800 ft.; inf., 800 ft.; tot. hose, 8,100 ft.; f. al., bell & wh.; val. bldgs., \$2,500; tot. mem., 50, pd. part time.

Water Supply—Not reported; 10 hyd.

CHELSEA, p. 32,452; f. area, 1,441 a.; merc. bldgs., stn., bk. & wd., 2 to 6 stor.; priv., bk. & wd., 3 to 5 stor.; wd. rfs. not perm. in f. area; fwks & combt. ord.; causes of f. inv. F. dept.—4 str. (1 in reserve), 1 c. eng. on wls., 15 c. hand ex., 2 h. & l. trk., 5 hose wag., 1 chief's wag., 6 exercise & fuel wag., 1 auto comb. c. & h. wag., 27 hrs.; hose, cot., rub. lined, gd., 10,800 ft.; in reserve, 500 ft.; f. al., elec., 56 bx.; val. equip., \$76,500; val. bldgs., \$150,000; exp. dept., \$52,000; tot. mem., 83, pd. full time 81, pd. part time 52.

Water Supply—Src., Metropolitan; sys., grav.; res. cap., 1,000,000 gals., loc. Powder-horn hill; mains, c. l., 42.50 m., 4 to 16 in. dia.; 312 hyd.; 481 v.; met., 4,590; 6,000 serv.; pipe, lead; pres., dom. 55 to 60 lbs., f. 80 to 90 lbs.; cons. day, 2,700,000 gals.; cost, \$548,748; cost mtce., \$12,000; wks. owned by city.

CHESHIRE, p. 1,300; f. area, 900 a. F. dept.—1 h. & l. trk., 1 hose cart, 1 c. eng., 4 hand ex.; hose, 800 ft.; val. equip., \$1,000; tot. mem., 30 vol.

Water Supply—Src., res.; sys., grav.; 23 hyd.; 20 v.; 200 serv.; mains, 20,000 ft.; pres., dom. 90 lbs., f. 100 lbs.; cost, \$25,000; cost mtce., \$200; wks. owned by Co.

CHESTER, p. 1,450; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks & combt. ord. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; val. equip., \$500; vol.

Water Supply—Src., res., ½ m. bus. cent.; sys., grav.; mains, iron, 3½ m., 4 to 8 in. dia.; 33 hyd.; met., 2; 220 serv.; pipe, iron; pres., dom. 193 lbs., f. 193 lbs.; cost, \$22,000; wks. owned by town.

CHICOPEE, p. 25,401; f. area, 3,800 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. trip. comb. c. & pump eng., 1 auto. comb. c. & h. wag., 1 comb. hose wag., 14 c. hand ex., 3 h. & l. trk., 1 hose wag., 3 hose reels, 1 comb. c. & h. wag., 9 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; rub., gd., 200 ft.; inf., 500 ft.; tot. hose, 8,700 ft.; f. al., bell, 63 bx.; exp. dept., \$38,871; tot. mem., 109, pd. full time 16, pd. part time 93.

Water Supply—Src., brooks & spr., 2 m. bus. cent.; sys., dir. pump to stdp.; stdp. cap., 1,066,346 gals., dim. 60 x 55, mat. plate 1; res. cap., 10,000,000 gals., loc. ½ m. station; 2 pump. eng., class comp. cond., cap. day 5,000,000 gals.; mains, c. l., 59 m., 2 to 20 in. dia.; 287 hyd.; 600 v.; met., 1,800; 3,100 serv.; pipe, lead & iron; pres., dom. 20 to 102 lbs., f. 80 to 104 lbs.; cons. day, 1,648,322 gals.; cost, \$460,000; cost mtce., \$20,600; wks. owned by city.

CLINTON, p. 13,075; f. area, 6,500 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 8 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 11 c. hand ex., 1 h. & l. trk., 6 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 9,500 ft.; f. al., wh., 87 bx.; val. equip., \$18,000; val. bldgs., \$16,000; exp. dept., \$12,500; tot. mem., 72, pd. full time 3, pd. part time 69.

Water Supply—Src., spr., 7 m. bus. cent.; sys., grav.; stdp. cap., 200,000 gals., dim. 28 x 30, mat. iron; res. cap., 85,700,000 gals.; loc. 1 at Clinton, 5 at Sterling; pump. eng., cap. min. 4,000 gals.; mains, c. l., 34½ m., 2 to 16 in. dia.; 322 hyd.; met., 510; 2,170 serv.; pipe, wrt. l.; pres., dom. 30 to 115 lbs., f. 80 to 115 lbs.; cons. day, 1,510,068 gals.; cost, \$471,485; cost mtce., \$21,435; wks. owned by city.

COCHITUATE (part of township of Wayland), p. 2,300; merc. bldgs., wd., 2½ stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—2 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., Stevens, 9 bx.; val. equip., \$1,000; val.

bldgs., \$2,000; exp. dept., \$300; tot. mem., 40 vol.

Water Supply—Src., brook; sys., grav. & pump dir.; res. cap., 16,000,000 gals.; 1 pump; mains, 6½ m., 4 to 10 in. dia.; 37 hyd.; 18 v.; 274 serv.; pres., dom. 80 lbs., f. 85 lbs.; cost, \$43,000; cost mtce., \$775; wks. owned by town.

CONHASSET, p. 2,585; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 23 c. hand ex., 2 h. & l. trk., 2 hose wag., 3 hose reels; hose, cot., rub. lined, gd., 5,900 ft.; rub., gd., 200 ft.; inf., 1,000 ft.; tot. hose, 7,100 ft.; f. al., Gamewell, 23 bx.; val. equip., \$15,500; val. bldgs., \$5,000; exp. dept., \$3,000; tot. mem., 66, pd. full time 1, pd. part time 2, 63 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res.; res. cap., 1,500,000 gals.; 4 pump. eng., cap. day 800,000 gals.; mains, c. l., 16½ m., 4 to 12 in. dia.; 96 hyd.; 20 met.; 600 serv.; pipe, galv. & wrt. l.; pres., 60 lbs.; cons. day, 500,000 gals.; cost, \$146,000; cost mtce., \$2,500; wks. owned by private Co.

COLERAIN, p. 155; f. area, 55 a. F. dept.—1 hose cart, ladders, axes; hose, 800 ft.; val. equip., \$6,000; exp. dept., \$300; tot. mem., 25 vol.

Water Supply—Src., res.; sys., grav.; 12 hyd.; pres., 85 lbs.; cost, \$5,500; exp. dept., \$275; wks. owned by village.

CONCORD, p. 6,421; f. area, 15,258 a.; bldgs., wd., 1 to 3 stor.; wd. rfs. perm.; no fwks & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. c. & h. wag., 1 comb. h. & l. trk. & hose car., 30 c. hand ex., 2 h. & l. trk., 1 hose reel, 1 hose wag.; hose, cot., rub. lined, gd., 4,200 ft.; f. al., elec., 19 bx.; val. equip., \$15,000; val. bldgs., \$15,000; exp. dept., \$4,000; tot. mem., 54, pd. part time.

Water Supply—Src., pond, 2¼ m. bus. cent.; sys., grav.; res. cap., 2,020,000 gals.; mains, c. & wrt. l., 82.5 m., 3 to 12 in. dia.; 167 hyd.; 169 v.; met., 17; 1,100 serv.; pipe, lead & galv. l.; pres., dom. 40 to 45 lbs., f. 40 to 45 lbs.; cost, \$186,602; cost mtce., \$2,500; wks. owned by town.

CONWAY, p. 1,458; merc. bldgs., wd.; wd. rfs. perm. F. dept.—1 hand eng., 12 c. hand ex., 1 hose car., reel, &c.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; tot. mem., 30 vol.

Water Supply—Src., riv., spr. & wells.

COTTAGE CITY, p. 1,100; f. area, 50 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks & combt. ord. F. dept.—1 str., 1 h. & l. trk., 4 hose reels; hose, 6,000 ft.; f. al., Gamewell, 19 bx.; val. equip., \$5,000; exp. dept., \$2,000; tot. mem., 90 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 225,000 gals., dim. 20 x 70, mat. iron; pump. eng., class comp. dup., cap. day 4,000,000 gals.; mains, wrt. & c. l., 14 m., 1 to 12 in. dia.; 68 hyd.; 78 v.; met., 2; 1,000 serv.; pipe, galv. l.; pres., dom. 70 lbs., f. 70 to 78 lbs.; cons. day, 60,500 gals.; cost, \$140,000; wks. owned by Co.

DALTON, p. 3,568; f. area, 1,000 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 7 hose car., 2 hrs.; hose, 3,000 ft.; f. al., wh.; val. equip., \$1,000; exp. dept., \$150; undrs. rating, second class.

Water Supply—Src., spr.; sys., grav.; res. cap., 16,500,000 gals.; mains, 17 m., 4 to 12 in. dia.; 101 hyd.; 34 v.; 498 serv.; pres., f. 140 to 150 lbs.; cost, \$87,760; cost mtce., \$800; wks. owned by town.

DANA, p. 800; f. area, 10 a.; merc. bldgs., wd., 3 stor.; priv., wd., 1, 2 & 3 stor.; wd. rfs. perm. in f. area. F. dept.—1 hand eng., 16 c. hand ex., 2 hrs.; hose, 500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,500; exp. dept., \$325; tot. mem., 21; pd. part time 21.

Water Supply—Src., wells & riv.

DANVERS, p. 9,407; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks & combt. ord.; causes of f. inv. F. dept.—12 c. hand ex., 1 h. & l. trk., 5 hose wag., 1 auto. comb. c. & h. wag., 4 hose reels, 6 hrs.; hose, cot., rub. lined, gd., 12,000 ft.; inf., 360 ft.; tot. hose, 12,360 ft.; f. al., elec., 34 bx.; val.

equip., \$11,000; val. bldgs., \$12,900; exp. dept., \$3,870; tot. mem., 98 vol.

Water Supply—Src., pond, 5 m. bus. cent.; sys. pump to res., res. cap., 6,500,000 gals.; 2 pump. eng., class comp. dup., cap. day 3,000,000 gals.; mains, cem. & c. i., 58 m., 4 to 20 in. dia.; 290 hyd.; 484 v.; met., 30; 2,260 serv.; pipe, iron & cem. lined; pres., dom. 80 lbs., f. 65 to 100 lbs.; cons. day, 1,118,000 gals.; cost, \$448,000; cost mtce., \$6,466; wks. owned by town.

DEDHAM, p. 9,284; f. area, 5,500 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 20 c. hand ex., 1 h. & l. trk., 1 comb. h. & l. trk. & c. 1 auto. comb. hose & c. wag., 4 hose wag., 2 hose car., 12 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bells & wh., Gamewell, 40 bx.; val. equip., \$12,000; val. bldgs., \$18,000; exp. dept., \$15,000; tot. mem., 53, pd. full time 6, vol. 47.

Water Supply—Src., wells, $\frac{3}{4}$ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 805,500 gals., dim. 42 x 51, mat. iron; 2 pump. eng., class comp. dup., cap. day 2,400,000 gals.; mains, c. i., 31 m., 2 to 10 in. dia.; 171 hyd.; 176 v.; met., 1,100; 1,570 serv.; pipe, cem. lined; pres., dom. 50 lbs., f. 68 lbs.; cons. day, 1,020,853 gals.; cost, \$312,580; cost mtce., \$32,507; wks. owned by Co.

DEERFIELD, p. 2,112; f. area, 2 sq. m.; merc. bldgs., stn., bk. & wd., $2\frac{1}{2}$ stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk.; f. al., bell; val. equip., \$150; val. bldgs., \$500; tot. mem., 20 vol.

Water Supply—Src., wells & spr., $\frac{3}{4}$ m. bus. cent.; sys., grav.; res. cap., 110,000 gals.; 1 pump. eng.; cap. day, 72,000 gals.; mains, c. i., 5 m., 6 to 8 in. dia.; 38 hyd.; 14 v.; 80 serv.; pipe, wrt. l.; pres., dom. 95 lbs., f. 95 to 100 lbs.; cons. day, 25,000 gals.; cost, \$31,000; cost mtce., \$2,000; wks. owned by city.

DOUGLASS, p. 2,113; f. area, all the town; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., hand grenades, 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 1,500 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$1,350; exp. dept., \$350; tot. mem., 40 vol.

Water Supply—Src., driven wells.

DRACUT, p. 3,461; merc. bldgs., bk. & stn., 2 & 6 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 comb. h. & l. trk. & c. extension, 1 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$500; exp. dept., \$500; tot. mem., 48, pd. part time.

Water Supply—Src., wells; hyd., pres., 42 to 80 lbs.

DUDLEY, p. 4,267; merc. bldgs., wd. F. dept.—F. al., bell & wh.; vol.

Water Supply—Src., wells; sys., grav. & pump to stdp.; stdp. cap., 770,000 gals.; 2 pump. eng.; mains, c. i., 9.68 m., 6 to 12 in. dia.; 82 hyd.; 50 v.; 287 serv.; pipe, galv. i.; pres., f. 90 lbs.; wks. owned by city.

DUXBURY, p. 2,028; bldgs., wd., 1 to 2 stor.; causes of f. inv. F. dept.—2 c. eng., 100 c. hand ex., 6 f. wag. with cans of water; 3 vol. companies.

Water Supply—Priv. wells & cisterns.

EAST BRIDGEWATER, p. 3,363; bldgs., wd., $1\frac{1}{2}$ & $2\frac{1}{2}$ stor.; wd. rfs. perm. F. dept.—12 c. hand ex., 2 h. & l. trk., 2 hose wag., 4 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & telp.; val. equip., \$4,600; val. bldgs., \$3,000; exp. dept., \$1,200; tot. mem., 60 vol.

Water Supply—Src., see Bridgewater.

EASTHAMPTON, p. 8,524; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 c. hand ex., 2 h. & l. trk., 8 hose wag., 1 hose reel, 3 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 400 ft.; tot. hose, 4,900 ft.; f. al., bell; val. equip., \$10,975; val. bldgs., \$7,000; exp. dept., \$8,025; tot. mem., 52, vol. 48, pd. full time 4.

Water Supply—Src., wells; sys., pump to res.; res. cap., 2,000,000 gals.; pump. eng., cap. day

1,650,000 gals.; mains, c. i., 23 m., 4 to 18 in. dia.; 201 hyd.; met., 100; 1,400 serv.; pipe, galv. i.; pres., dom. 95 lbs., f. 87 to 113 lbs.; cons. day, 1,650,000 gals.; cost, \$225,000; cost mtce., \$7,000; wks. owned by town.

EAST LONG MEADOW, p. 2,000. F. dept.—2 c. tanks, 2 hose reels, 800 ft. hose (400 ft. hose in reserve); val. equip., \$1,200; vol.

Water Supply—From Springfield; sys., grav.; 70 hyd.; 130 serv.; mains, 8 m.; pres., dom. & f., 35 to 100 lbs.; cost, \$45,000; wks. owned by town.

EASTON, p. 5,189; f. area, 500 a.; merc. bldgs., stn. & wd., 2 stor.; priv., wd. & stn., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 8 c. wag.; hose, cot., rub. lined, gd., 2,500 ft.; linen, gd., 2,000 ft.; tot. hose, 4,500 ft.; f. al., bell & wh.; val. equip., \$5,900; val. bldgs., \$6,000; exp. dept., \$1,600; tot. mem., 33, pd. part time.

Water Supply—Src., wells, 1-3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 240,000 gals.; res. cap., 1,500,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. i., $9\frac{1}{2}$ m., 4 to 10 in. dia.; 81 hyd.; 150 v.; met., 320; 640 serv.; pipe, iron; pres., dom. 60 to 90 lbs., f. 60 to 90 lbs.; cons. day, 135,000 gals.; cost, \$100,000; cost mtce., \$140; wks. owned by village.

EDGARTOWN, p. 1,175; f. area, 1,000 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng. on wls., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 200 ft.; tot. hose, 1,500 ft.; f. al., Gamewell & elec. sys., 3 bx.; val. equip., \$1,500; val. bldgs., \$1,500; exp. dept., \$500; tot. mem., 30, pd. part time.

Water Supply—Src., wells, water from stdp.; 60 lbs. pres. at hyd.

ENFIELD, p. 1,036; merc. bldgs., wd. F. dept.—1 str., 1 hand eng., 8 c. ex., 8 hose car.; hose, 2,500 ft.; tot. mem., 38 vol.

Water Supply—Src., riv.

ERVING, p. 1,086; f. area, 100 a. F. dept.—1 c. eng., 37 c. hand ex.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp. & gong; val. equip., \$1,250; val. bldgs., \$200; tot. mem., 50, pd. part time.

Water Supply—Not reported.

ESSEX, p. 1,790; f. area, 7,853 a.; merc. bldgs., wd., $1\frac{1}{2}$ to 3 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng.; 5 hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 850 ft.; inf., 200 ft.; tot. hose, 1,050 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$2,800; exp. dept., \$1,000; tot. mem., 105 vol.

Water Supply—Src., wells, cisterns, riv.

EVERETT, p. 33,484; f. area, 2,300 a.; merc. bldgs., wd., 1 to 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 h. & l. trk., 1 c. eng., 8 c. hand ex., 2 hose wag., 2 comb. trks., 16 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 400 ft.; tot. hose, 6,400 ft.; f. al., bells & wh., 68 bx.; val. equip., \$17,000; val. bldgs., \$30,800; exp. dept., \$27,550; tot. mem., 46, pd. full time 17, pd. part time 29.

Water Supply—Src., Metropolitan, $\frac{4}{5}$ m. bus. cent.; sys., grav. & pump to mains; mains, c. i., 45.95 m., 4 to 24 in. dia.; 515 hyd.; met., 101; 5,090 serv.; pipe, lead; pres., dom. & f., 45 to 96 lbs.; cons. day, 2,700,000 gals.; cost & mtce., \$763,531.90; wks. owned by city.

FAIRHAVEN, p. 5,122; f. area, 6,000 a.; merc. bldgs., stn., bk. & wd., $1\frac{1}{2}$ to $3\frac{1}{2}$ stor.; priv., stn., bk. & wd., 2 to $3\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—16 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hose wag., 2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 19 bx.; val. equip., \$4,500; val. bldgs., \$2,000; exp. dept., \$2,200; tot. mem., 65, pd. full time 40, vol. 25.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 500,000 gals., dim. 35 x 50, mat. stl.; 2 pump. eng., class dup. comp., cap. day 6,000,000 gals.; mains, c. i., 16 m., 6 to 12 in. dia.; 85 hyd.; met., 400; 700 serv.; pipe, tin & lead; pres., dom. 65 lbs., f. 65 lbs.; cons. day, 400,000 gals.; wks. owned by Co.

FAIRVIEW, F. dept. not reported.

Water Supply—Src., driven wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 188,000 gals.

FALL RIVER, p. 119,295; f. area, 26,240 a.; merc. bldgs., stn. & wd., 3 to 6 stor.; priv., stn., bk. & wd., 2½ stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—5 str., 40 c. hand ex., 1 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 1 squad wag., 2 h. & l. trk., 3 aer. trk., 11 hose wag., 65 hrs.; hose, cot., rub. lined, gd., 23,000 ft.; f. al., Gamewell, 202 bx.; val. equip., \$91,000; val. bldgs., \$284,000; exp. dept., \$163,000; tot. mem., 149; pd. full time 125, pd. part time 24, undrs. rating, first class.

Water Supply—Src., lake, 2 m. bus. cent.; sys., pump to stdp. & tks.; stdp. cap., 5,806,593 gals.; loc. in city; mat., iron; 5 pump. eng., class comp., cap. day, 24,000,000 gals.; mains, c. l., 121.67 m., 6 to 24 in. dia.; 1,468 hyd.; 1,868 v.; met., 9,289; 9,251 serv.; pipe, lead; pres., dom. 19 lbs. f. 110 lbs.; cons. day, 5,200,188 gals.; cost, \$2,306,000; cost mtce., \$108,000; wks. owned by city.

FALMOUTH, p. 3,144. F. dept.—8 hose reels; hose, 6,000 ft.; f. al., Gamewell; tot. mem., 120 vol.; exp. dept., \$2,500.

Water Supply—Src., Long Pond; sys., pump to stdp.; 3 pumps, cap. 2,000,000 gals. day; 150 hyd.; pres., 80 lbs.; cost, \$253,464; wks. owned by town.

FITCHBURG, p. 87,826; f. area, 24 sq. m.; merc. bldgs., bk. & wd., 1 to 7 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 chief's auto, 2 str., 1 c. eng., 24 c. hand ex., 4 h. & l. trk., 3 hose wag., 2 comb. c. & h. wag., 21 hrs.; hose, cot., rub. lined, gd., 15,000 ft.; c. hose, 800 ft.; tot. hose, 15,800 ft.; f. al., elec., 87 bx.; val. equip., \$67,642; val. bldgs., \$77,219; exp. dept., \$62,858; tot. mem., 100, pd. full time 37, vol. 63.

Water Supply—Src., brooks & ponds, 2 to 3 m. bus. cent.; sys., grav.; res. cap., 1,000,000,000 gals.; loc. n. & w. of city; mains, c. l., 80 m., 2 to 30 in. dia.; 604 hyd.; 740 v.; met., 4,410; 5,450 serv.; pipe, wrt. i.; pres., dom. 80 to 180 lbs. f. 80 to 180 lbs.; cons. day 2,900,000 gals.; cost, \$1,400,000; cost mtce., \$37,000; wks. owned by city.

FOXBORO, p. 3,863; f. area, 12,460 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. F. dept.—1 str., 1 c. eng., 16 5-gal. ex., 1 h. & l. trk., 1 supply wag., 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 200 ft.; tot. hose, 3,700 ft.; f. al., Gamewell, 23 bx.; val. equip., \$8,500; val. bldgs., \$1,000; exp. dept., \$1,700; tot. mem., 33, pd. part time; undrs. rating, first class.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 282,000 gals.; dim. 20 x 120, mat. iron; 2 pump. eng., cap. day 720,000 gals.; mains, iron, 18 m., 4 to 12 in. dia.; 98 hyd.; 75 v.; met., 391; 569 serv.; pipe, iron; pres., dom. 60 lbs. f. 110 lbs.; cons. day, 200,000 gals.; cost, \$94,000; cost mtce., \$6,000; wks. owned by district.

FRAMINGHAM, p. 12,948; f. area, 14,960 a.; merc. bldgs., wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 1 hand eng., 18 c. hand ex., 1 h. & l. trk., 4 hose wag., 1 auto. comb. c. & h. wag., 15 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; f. al., Gamewell, 48 bx.; val. equip., \$30,000; val. bldgs., \$35,000; exp. dept., \$22,000; tot. mem., 60, pd. full time 9, pd. part time 51.

Water Supply—Src., pond, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 750,000 gals.; dim., 40 x 81 ft.; mat. atl.; 3 pumps, cap. day 6,000,000 gals.; mains, c. l., 45 m., 4 to 16 in. dia.; 264 hyd.; 591 v.; 2,357 met.; 2,282 serv.; pipe, c. i.; pres., dom. & f., 60 to 108 lbs.; cons. day, 805,676 gals.; cost, \$560,348; cost mtce., \$17,651; wks. owned by town.

FRANKLIN, p. 5,641; f. area, 27 sq. m.; merc. bldgs., wd. & bk., 2 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 comb. h. & l. trk., 1 hose wag., 4 hose carts, hose, cot., rub. lined, gd., 5,000 ft.; f. al., elec., 15 bx., 2 atm. gongs & bell; val. equip., \$12,000; val. bldgs., \$2,500; exp. dept., \$3,500; tot. mem., 85, 3 pd. part time, 82 vol.

Water Supply—Src., 22 driven 2½-in. wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 500,000 gals., dim. 30 x 80, loc. in town, mat.

atl.; 4 pump. eng., cap. day 5,500,000 gals.; mains, sheet & c. l. & cem., 15 m., 4 to 12 in. dia.; 81 hyd.; met., 885; 885 serv.; pipe, lead & iron; pres., dom. 60 to 90 lbs., f. 60 to 90 lbs.; cons. day, 300,000 gals.; cost, \$170,000; cost mtce., \$9,000; wks. owned by city.

FREETOWN, p. 1,470; f. area, 560 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 1 hand eng., 1 h. & l. trk., 1 hose reel, 8 c. ex.; hose, cot., rub. lined, gd., 800 ft.; f. al., church bell; val. equip., \$1,825; val. bldgs., \$4,000; exp. dept., \$75; tot. mem., 5 vol.

Water Supply—Src., riv. & wells; sys., grav.; mains, iron, ¼ m.

GARDNER, p. 14,699; f. area, 18,000 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—2 auto. comb. c. & h. wag., 1 hand eng., 20 c. hand ex., 2 h. & l. trk., 4 hose wag., 4 hose car., 4 hrs.; hose, cot., rub. lined, gd., 7,800 ft.; f. al., wh., 48 bx.; val. equip., \$22,000; val. bldgs., \$35,000; exp. dept., \$15,000; tot. mem., 70, pd. part time 2, vol. 68.

Water Supply—Src., lake, ¼ m. bus. cent.; sys., pump to res.; res. cap., 5,109,000 gals.; 3 pump. eng., class comp., cap. day 7,000,000 gals.; mains, c. l., 29.28 m., 1 to 24 in. dia.; 232 hyd.; 211 v.; met., 180; 1,863 serv.; pipe, wrt. i. & cem. lined; pres., dom. 45 lbs. f. 140 lbs.; cons. day, 750,250 gals.; wks. owned by town.

GEORGETOWN, p. 1,840; bldgs., bk. & wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 2 hand eng., 12 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 500 ft.; inf., 200 ft.; tot. hose, 3,200 ft.; val. equip., \$8,000; val. bldgs., \$5,500; exp. dept., \$1,000; tot. mem., 125 vol.

Water Supply—Src., 14 cisterns, 15 lakes, 3 lakes of 200 a. each & 10 str.

GLOUCESTER, p. 24,398; f. area, 23,000 a.; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 f. boat, 6 str., 2 c. eng. on wls., 20 c. hand ex., 2 h. & l. trks., 1 aer. trk., 3 hose wag., 1 auto. comb. c. & h. wag., 3 comb. c. & h. wag., 27 hrs.; hose, cot., rub. lined, gd., 14,600 ft.; f. al., elec., 70 bx.; val. equip., \$87,121; val. bldgs., \$45,000; exp. dept., \$45,885; tot. mem., 176, pd. full time 22, pd. part time 2, vol. 154.

Water Supply—Src., res., 2 to 4 m. bus. cent.; sys., pump from res.; res. cap., 8,000,000 gals.; 2 pump. eng., cap. day 7,000,000 gals.; mains, c. l. & cem. lined, 70 m., 1¼ to 20 in. dia.; 336 hyd.; 572 v.; met., 346; 4,663 serv.; pipe, galv. i. & cem. lined; pres., dom. 30 to 75 lbs.; cost, \$1,486,864; cost mtce., \$25,000; wks. owned by city.

GRAFTON, p. 5,705; f. area, 3,000 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 hand eng., 1 comb. c. & h. wag., 17 c. hand ex., 1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., wh.; val. equip., \$6,000; val. bldgs., \$3,000; exp. dept., \$1,200; tot. mem., 85, pd. part time 12, vol. 73.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 110,000 gals., dim. 25 x 30, mat. wrt. i.; pump. eng., cap. day 1,000,000 gals.; mains, c. l., 4 to 10 in. dia.; 93 hyd.; 47 v.; met., 6; 333 serv.; pipe, wrt. i.; pres., dom. 80 to 125 lbs. f. 125 lbs.; cons. day, 160,000 gals.; cost, \$53,000; cost mtce., \$3,000; wks. owned by Co.

GREAT BARRINGTON, p. 5,926; f. area, 1,280 a.; bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 c. eng., 1 c. hand ex., 1 h. & l. trk., 1 hose wag., 6 hose car.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 1,000 ft.; tot. hose, 5,500 ft.; f. al., bell, 10 bx.; val. equip., \$13,000; val. bldgs., \$12,275; exp. dept., \$2,500; tot. mem., 31, part pd.

Water Supply—Src., brooks, riv. & lake, ¼ m. bus. cent.; sys., grav., pump to res.; res. cap., 2,500,000 gals.; 2 pump. eng., cap. day 550,000 gals.; mains, 8 m., 2 to 12 in. dia.; 70 hyd.; met., 17; pres., dom. 60 lbs. f. 90 lbs.; cons. day, 450,000 gals.; cost, \$110,000; cost mtce., \$6,000; wks. owned by city.

GREENFIELD, p. 10,427; f. area, 2,500 a.; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks.

& combt. ord.; causes of f. inv. F. dept.—1 hand eng. 12 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose car., 1 auto. comb. c. & h. wag., 2 comb. c. & h. wag., 4 hra.; hose, cot., rub. lined, gd., 5,000 ft.; rub., gd., 300 ft.; inf., 1,000 ft.; tot. hose, 6,300 ft.; f. al., Gamewell, 42 bx.; val. equip., \$14,500; val. bldgs., \$8,000; exp. dept., \$9,000; tot. mem., 58, pd. full time 3, pd. part time 50.

Water Supply—Src., brooks, 4½ m. bus. cent.; sys., grav.; res. cap., 70,000,000 gals., loc. at Levdin; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. i., 45 m., 1 to 24 in. dia.; 720 hyd.; 370 v.; met., 180; 2,300 serv.; pipe, galv. i.; pres., dom. 90 to 150 lbs., f. 90 to 150 lbs.; cost, \$260,000; cost mtce., \$3,500; wks. owned & operated by Fire District No. 1.

GROTON, p. 2,253; merc. bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hand eng., 1 c. eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; exp. dept., \$1,200; tot. mem. 75, pd. part time.

Water Supply—Src., wells; sys., pump to res.; res. cap., 800,000 gals.; pump. eng., cap. day 500,000 gals.; mains, 8 m., 4 to 12 in. dia.; 45 hyd.; met., 200; 210 serv.; pres., dom. 90 lbs., f. 90 lbs.; cons. day, 60,000 gals.; cost, \$70,000; wks. owned by Co.

GROVELAND, Essex Co., p. 2,450. F. dept.—1 hand eng., 2 c. eng., 25 hand c. ex., 2 hose car., 2 h. & 1 trk., 1,500 ft. hose; f. al., bell; 55 vol. Water Supply—Not reported; 21 hyd.

HADLEY, p. 2,000. F. dept.—6 hose wag., ladders; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$1,500; val. bldgs.; \$1,000; exp. dept., \$250; tot. mem., 75 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; 70 hyd.; pres., dom. & f. 65 to 75 lbs.; wks. owned by town.

HAMILTON, p. 1,650. F. dept.—6 hand ex., 1 h. & 1 trk.; 20 vol.

HANOVER, p. 2,175. F. dept.—1 comb. c. h. & 1 trk., 1 h. & 1 trk., 5 express wag. with 12 hand ex. each; 2 vol. companies of 50 men.

HANSON, p. 1,850. F. dept.—30 hand ex., 1 auto. comb. trk., 1 c. wag., 2 comb. c. & h. wag., 3,000 ft. hose; f. al., wh.; 90 vol.

Water Supply—Not reported; 21 hyd.; pres., 85 lbs.

HARVARD, p. 1,139; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 6 c. hand ex., 2 h. & 1 trk. & buckets.

Water Supply—Src., spr. & driven wells, ½ m. bus. cent.; sys., grav.; res. cap., 20,000 gals.; pump. eng., cap. day 216,000 gals.; mains, lead; 3 serv.; pipe, lead; cost, \$1,000; cost mtce., \$25; wks. owned by private Co.

HATFIELD, p. 1,779; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 6 hose wag.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell; val. equip., \$3,000; exp. dept., \$50; tot. mem., 70 vol.

Water Supply—Src., brook, 4 m. bus. cent.; sys., grav.; small res.; mains, c. i., 22 m., 2 to 8 in. dia.; 93 hyd.; 361 serv.; pres., dom. & f. 42 lbs.; cons. day, 120,000 gals.; cost, \$61,000; cost mtce., \$300; wks. owned by town.

HAVERHILL, p. 44,115; f. area, 82 sq. m.; merc. bldgs., bk., cem. & wd., 1 to 6 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 str., 3 hand eng., 14 c. hand ex. (3 in reserve), 1 c. eng. on wls., 1 chief's auto., 2 auto. hose wag., 1 auto. comb. c. & h. wag., 1 auto. h. & 1 trk., 1 aer. trk., 2 h. & 1 trk., 2 comb. c. eng., 5 hose wag., 5 hose reels, 1 chief's wag., 4 fuel & exercise wag., 4 hose & ladder sleighs, 19 hrs. (5 in reserve); hose, cot., rub. lined, gd., 10,400 ft. (6,200 ft. in reserve); f. al., elec., 72 bx.; val. equip., \$117,962; val. bldgs., \$109,000; exp. dept., \$43,000; tot. mem., 140, pd. full time 38, pd. part time 102.

Water Supply—Src., ponds, 1 to 4 m. bus. cent.; sys., grav., pump to res.; 2 res., cap. 12,000,000 gals., loc. on hill; 4 pump. eng., cap. day 22,000,000 gals. (1 pump. eng., cap. 2,000,000 gals. in reserve); mains, c. i., 96.77 m., 2 to 24 in. dia.; 399 hyd.; 1,161 v.; met., 1,973; 7,449 serv.;

1,366 v.; pipe, lead; pres., dom. & f., 35 to 120 lbs.; cons. day, 5,702,866 gals.; cost, \$1,523,101; cost mtce., \$32,521; wks. owned by city.

HEBRONVILLE, p. included in Attleboro. F. dept.—Supplied by Attleboro.

HINGHAM, p. 4,965; f. area, 640 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 2 comb. c. & h. wag., 2 c. eng., 10 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; rub., gd., 300 ft.; tot. hose, 5,300 ft.; f. al., Gamewell storage, 25 bx.; val. equip., \$6,000; val. bldgs., \$10,000; exp. dept., \$2,500; tot. mem., 125 vol.

Water Supply—Src., ponds, 5 m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 537,218 gals.; dim., 40 x 57, loc. on Strawberry Hill; mat., iron; 2 pump. eng., cap. day 2,500,000 gals.; mains, cem. & c. i., 57½ m., 2 to 16 in. dia.; 240 hyd.; 860 v.; met., 15; 2,392 serv.; pipe, galv. & wrt. i.; pres., dom. 52 lbs., f. 70 lbs.; cost, \$250,000; cost mtce., \$5,000; wks. owned by Co.

HINSDALE, p. 1,485; f. area, 640 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—3 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., brooks, 1½ m. bus. cent.; sys., grav.; res. cap., 34,000,000 gals.; mains, c. i., 4½ m., 4 to 10 in. dia.; 50 hyd.; pipe, galv. i.; pres., dom. 108 to 155 lbs., f. 108 to 155 lbs.; cost, \$36,000; cost mtce., \$165; wks. owned by f. district.

HOLBROOK, Norfolk Co., p. 2,816; merc. bldgs., wd., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 6 c. hand ex. 1 h. & 1 trk., 3 hose wag., 2 hose car., 1 hra.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 500 ft.; tot. hose, 5,000 ft.; f. al., bell, 16 bx.; val. equip., \$6,000; val. bldgs., \$8,000; exp. dept., \$1,200; tot. mem., 28 vol.

Water Supply—Src., pond, 5 m. bus. cent.; sys., pump to stdp.; stdp. cap., 593,760 gals.; dim., 30 x 112; mat., wrt. i.; res. loc. 1 m. bus. cent.; 3 pump. eng., class dup., cap. day 1,600,000 gals.; mains, c. i., 9 m., 4 to 12 in. dia.; 78 hyd.; 60 v.; met., 1; 634 serv.; pipe, cem. lined; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 257,325 gals.; cost, \$138,000; cost mtce., \$14,385; wks. owned by town.

HOLDEN, p. 2,464; f. area, 20,000 a.; merc. bldgs., wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & 1 trk., 20 c. hand ex., 2 hose wag.; hose, 1,800 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$3,000; exp. dept., \$200; tot. mem., 50 vol.

Water Supply—Not reported.

HOLLISTON, p. 2,711; f. area, 12,100 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 45 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose car., 8 hra.; hose, cot., rub. lined, gd., 5,500 ft.; f. al., Gamewell, 25 bx.; val. equip., \$9,400; val. bldgs., \$3,000; exp. dept., \$3,800; tot. mem., 42, pd. part time.

Water Supply—Src., spr., ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 817,000 gals.; dim., 30 x 60; mat., boiler i.; 50 hyd.; 200 serv.; pipe, galv. i.; pres., f. 95 lbs.; wks. owned by Co.

HOLYOKE, p. 57,730; f. area, 19,000 a.; merc. bldgs., stn., bk. & wd., 1 to 8 stor.; priv., stn., bk. & wd., 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—7 str., 2 c. eng. on wls., 25 c. hand ex., 1 h. & 1 trk., 1 aer. trk., 1 comb. c. h. & 1 trk., 2 comb. auto. c. & h. wag. with 2 35-gal. tk., 5 hose wag., 1 comb. c. & h. wag., 37 hra.; hose, cot., rub. lined, gd., 23,600 ft.; inf., 2,550 ft.; tot. hose, 26,150 ft.; f. al., elec., 137 bx.; val. equip., \$80,000; val. bldgs., \$100,050; exp. dept., \$104,000; tot. mem. 76, pd. full time.

Water Supply—Src., ponds, strum. & storage res., 2 & 3 & 14 m. bus. cent.; sys., grav.; res. cap., 3,075,000,000 gals.; mains, c. i., 90.72 m., 4 to 30 in. dia.; 712 hyd.; 1,112 v.; met., 386; 4,372 serv.; pipe, c. i.; pres., dom. 50 lbs., f. 100 lbs.;

cons. day, 6,000,000 gals.; cost, \$1,409,268; cost mtce., \$89,386; wks. owned by city.

HOPEDALE, p. 1,955. F. dept.—1 auto. comb. h. & l. trk. with c. tk., 1 auto. triple comb. wag., 1 auto. tk., 1 hose wag., 40 c. ex.; f. al., Gamewell; tot. mem. 29, pd. full time.

Water Supply—Milford Water Co.; 46 hyd.; pres., 100 lbs.

HOPKINTON, p. 2,585; merc. bldgs., wd., 1½ to 3 stor.; priv., 1½ to 2½ stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—8 hand eng., 12 c. hand ex., 1 h. & l. trk., 4 hose wag.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., 4 bx., bell; val. equip., \$5,000; val. bldgs., \$6,000; exp. dept., \$1,500; tot. mem., 82 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 253,000 gals.; dim., 35 x 35; mat., iron; pump, eng., cap. day 300,000 gals.; mains, c. l., 7 m., 6 to 8 in. dia.; 54 hyd.; met., 27; 700 serv.; pipe, wrt. i.; pres., dom. 77 lbs., f. 77 to 120 lbs.; cons. day, 21,636 gals.; cost, \$50,000; cost mtce., \$1,500; wks. owned by town.

HOUSATONIC, p. 2,000; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; tot. mem., 45 vol.

Water Supply—Src., res., 6½ m. bus. cent.; sys., grav.; mains, c. l., 13 m., 4 to 14 in. dia.; 20 hyd.; 2 v.; met., 5; 400 serv.; pipe, galv. & wrt. i.; pres., dom. 65 lbs., f. 65 lbs.; cost, \$74,000; cost mtce., \$2,650; wks. owned by Co.

HUBBARDSTOWN, p. 1,227; bldgs., wd., 1 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 18 c. ex., 1 hose car., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$400; exp. dept., \$600; tot. mem. 40, pd. part time.

Water Supply—Src., 5 large wells in village.

HUDSON, p. 6,743; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 500 ft.; tot. hose, 5,000 ft.; f. al., bell & wh., 23 bx.; val. equip., \$9,000; val. bldgs., \$27,500; exp. dept., \$5,500; tot. mem. 39, pd. full time 1, pd. part time 38.

Water Supply—Src., pond, 8 m. bus. cent.; sys., grav.; mains, c. l., 26 m., 4 to 18 in. dia.; 182 hyd.; 296 v.; met., 1,137; 1,171 serv.; pipe, iron & cem. lined; pres., dom. 45 to 60 lbs., f. 45 to 60 lbs.; cost, \$256,096; cost mtce., \$12,070; wks. owned by town.

HULL, p. 2,000; f. area, 4,380 a.; merc. bldgs., wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag. & pump, 1 str., 15 c. hand ex., 1 h. & l. trk., 3 hose reels, 2 hose wag.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., telp.; val. equip., \$32,000; val. bldgs., \$19,000; exp. dept., \$15,000; tot. mem., 45, pd. full time 3, pd. part time 1, vol. 41.

Water Supply—Src., Hingham Water Co. (see Hingham); mains, 8 m.; 98 hyd.; pres., f. 65 lbs.

HUNTINGTON, p. 1,500; merc. bldgs., bk., str. & wd. F. dept.—1 hose wag., 2,000 ft. cot., rub. lined hose; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., brook & wells, 2 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals., loc. at Blanford; 1 pump, eng., cap. day, 144,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 88 hyd.; 16 v.; met., 3; 161 serv.; pipe, galv. i.; pres., dom. & f. 95 lbs.; cost, \$32,000; cost mtce., \$100; wks. owned by f. district.

HYANNIS, p. 1,550; f. area, 640 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 12 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell, 1 bx.; val. equip., \$5,500; val. bldgs., \$1,000; exp. dept., \$486.08; tot. mem., 45 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 400,000 gals.; dim., 25 x 100; mat., stl.; 1 pump, eng.; cap. day, 1,000,000 gals.; mains, 10 m., 6 to 16 in. dia.; 70 hyd.; 35 v.; 9 met.; pres., dom. & f. 83 lbs.; wks. owned by private Co.

HYDE PARK, p. 15,507; f. area, 2,600 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2½ stor.; wd. rfs. not perm. in f. area; fwks. & combt.

ord.; causes of f. inv. F. dept.—2 str., 1 c. eng. on wks., 5 c. hand ex., 1 h. & l. trk., 4 hose wag., 12 hrs.; hose, cot., rub. lined, gd., 4,250 ft.; f. al., Gamewell, bells, wh. & elec., 62 bx.; val. equip., \$82,000; val. bldgs., \$45,000; exp. dept., \$15,000; tot. mem. 25, pd. full time 20, pd. part time 5.

Water Supply—Src., wells; sys., pump to mains; stdp. cap., 500,000 gals.; dim., 35 x 50; mat., stl.; res. cap., 1,500,000 gals.; 3 pump, eng., cap. day 3,500,000 gals.; mains, 39 m., 4 to 14 in. dia.; 184 hyd.; met., 1,000; 2,684 serv.; pres., dom. & f. 95 to 100 lbs.; wks. owned by city.

IPSWICH, p. 5,777; f. area, 1,280 a.; merc. bldgs., wd., 3 stor.; priv., wd., 2½ stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 auto. comb. c. & h. wag., 1 str., 1 hand eng., 1 h. & l. trk., 2 hose wag., 4 hose reels; hose, rub. gd., 5,000 ft.; c., 900 ft.; inf., 1,000 ft.; tot. hose, 6,900 ft.; f. al., Gamewell, 17 bx.; val. equip., \$12,000; val. bldgs., \$25,000; exp. dept., \$5,000; tot. mem. 39, pd. full time 4, 35 vol.

Water Supply—Src., brook, 2 m. bus. cent.; sys., pump to res.; res. cap., 3,000,000 gals., loc. on hill in town; 2 pump, eng., class comp. dup., size 18 x 10 x 12, cap. day 1,500,000 gals.; mains, c. l., 15 m., 4 to 14 in. dia.; 148 hyd.; 136 v.; met., 180; 733 serv.; pipe, lead; pres., dom. 20 to 70 lbs., f. 20 to 70 lbs.; cons. day, 119,618 gals.; cost, \$162,480; cost mtce., \$3,205.46; wks. owned by town.

KINGSTON, p. 2,205; f. area, 2,560 a.; merc. bldgs., wd., 1½ & 2½ stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—24 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; inf., 300 ft.; tot. hose, 2,400 ft.; f. al., bell; val. equip., \$2,400; val. bldgs., \$4,500; exp. dept., \$887; tot. mem., 47, pd. part time.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to res.; res. cap., 300,000 gals.; 2 trip pump, eng., class dup., cap. day 432,000 gals.; mains, c. l., 12 m., 4 to 8 in. dia.; 90 hyd.; 44 v.; 10 met.; 570 serv.; pipe, iron & lead; pres., dom. 80 lbs., f. 90 lbs.; cons. day, 250,000 gals.; cost, \$75,000; cost mtce., \$2,500; wks. owned by town.

LANCASTER, p. 2,406; bldgs., bk. & wd., 1½ & 2 stor.; wd. rfs. perm. F. dept.—1 c. eng., 1 h. & l. trk., 4 hose car., 2 hrs.; hose, gd., 4,000 ft.; f. al., bell; val. equip., \$4,000; exp. dept., \$2,000; tot. mem., 36, pd. \$25 each per year.

Water Supply—Secured from town of Clinton; sys., grav.; mains, 20 m.; 62 hyd.; met., 355; 440 serv.; pres., dom. & f. 110 lbs.; cons. day, 116,228 gals.; cost, \$55,000; wks. owned by town.

LAWRENCE, p. 85,892; f. area, 4,185 a.; merc. bldgs., str. & bk., 1 to 8 stor.; priv., wd., 1 to 4 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 4 comb. c. & h. wag., 2 c. eng., 27 c. hand ex., 3 h. & l. trk., 1 aer. trk., 1 water tower, 5 hose wag., 45 hrs.; hose, cot., rub. lined, gd., 20,350 ft.; f. al., Gamewell, 124 bx.; val. equip., \$81,158; val. bldgs., \$135,100; exp. dept., \$75,328; tot. mem. 133, pd. full time 70, pd. part time 58, substitutes 55, pd. 50c. per hour when attending f.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 538,000 gals.; dim., 30 x 102½; mat., iron & bk.; res. cap., 45,000,000 gals., loc. west of town; 3 pump, eng., cap. day 15,000,000 gals.; mains, c. l., 100 m., 1 to 30 in. dia.; 837 hyd.; 1,624 v.; met., 7,171; 7,802 serv.; pipe, lead, galv. i. & tin-lined lead & block tin; pres., dom. & f. 65 to 125 lbs.; cons. day, 3,943,171 gals.; cost, \$2,197,079; cost mtce., \$76,828; wks. owned by city.

LEE, p. 4,106; f. area, 6,000 a.; merc. bldgs., str., bk. & wd., 3 stor.; priv., str., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng. on wks., 1 h. & l. trk., 1 hose wag., 6 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 200 ft.; inf., 250 ft.; tot. hose, 1,950 ft.; f. al., wh.; val. bldgs., \$15,000; tot. mem., 80 vol.

Water Supply—Src., res., 3 m. bus. cent.; sys., grav.; res. cap., 40,000,000 gals.; pump, eng., cap. 750 gals. min.; mains, cem. & c. l., 6 m., 2 to 3 in. dia.; 62 hyd.; met., 2; 500 serv.; pipe, galv. i.; pres., dom. 45 to 95 lbs., f. 45 to 95 lbs.; cost, \$75,000; cost mtce., \$2,000.

LEICESTER, p. 3,287; f. area, 14,318 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.;

wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 str., 1 hand eng., 12 c. hand ex., 3 hose wag., 4 hose car.; hose, cot., rub. lined, gd., 7,150 ft.; inf., 200 ft.; tot. hose, 7,350 ft.; f. al., Gamewell; val. equip., \$12,000; val. bldgs., \$3,500; exp. dept., \$1,500; tot. mem. 48, pd.

Water Supply—Src., spr., 5 m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 175,000 gals.; dim., 30 x 40; mains, c. i., 8 m., 4 to 12 in. dia.; 29 hyd.; 54 v.; met., 100; 226 serv.; pres., dom. & f. 50 to 100 lbs.; cost, \$66,868; cost mtce., \$500; wks. owned by village.

LENOX, p. 3,060; f. area, 640 a.; merc. bldgs., stn., bk., conc. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 12 c. hand ex., 1 h. & l. trk., 1 auto. comb. c. hose & ladder wag., 2 hose carts; hose, cot. lined, gd., 5,000 ft.; f. al., Gamewell, 18 bx.; val. equip., \$21,000; val. bldgs., \$18,000; exp. dept., \$300; tot. mem., 120, pd. full time 2, vol. 118.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav.; res. cap., 65,000,000 gals.; 1 pump. eng., cap. day 300,000 gals.; mains, c. i., 7 m., 2 to 10 in. dia.; 43 hyd.; 40 met.; 304 serv.; pipe, iron; pres., dom. & f., 80 lbs.; cons. day, 300,000 gals.; cost mtce., \$2,000; wks. owned by Co.

LEOMINSTER, p. 17,580; f. area, 3,200 a.; merc. bldgs., stn., bk. & wd., 3 to 5 stor.; priv., stn., bk. & wd., 2½ & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 16 c. hand ex., 1 h. & l. trk., 1 comb. wag., 1 auto. comb. c. & h. wag., 6 hose wag., 14 hrs.; hose, cot., rub. lined, gd., 7,100 ft.; inf., 1,050 ft.; tot. hose, 8,150 ft.; f. al., bell, wh. & elec., 47 bx.; val. equip., \$14,500; val. bldgs., \$74,000; exp. dept., \$14,500; tot. mem. 73, pd. full time 3, vol. 70.

Water Supply—Src., brooks, 2 m. bus. cent.; sys., grav.; res. cap., 600,000,000 gals., loc. in town; mains, c. i., 49.36 m., 4 to 20 in. dia.; 387 hyd.; 467 v.; met., 1,526; 2,775 serv.; pipe, wrt. i.; pres., dom. 80 lbs., f. 100 lbs.; cost, \$598,829.17; cost mtce., \$6,500; wks. owned by city.

LEXINGTON, p. 4,918; f. area, 1,160 a.; merc. bldgs., wd., 2 to 5 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 1 c. eng., 2 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 5,200 ft.; f. al., Gamewell, 38 bx.; val. equip., \$15,000; val. bldgs., \$10,000; exp. dept., \$6,400; tot. mem., 37, pd. full time.

Water Supply—Src., Metropolitan, 8 m. bus. cent.; sys., pump to res. & stdp. & dir.; stdp. cap., 685,000 gals.; mains, c. i., 33 m., 4 to 12 in. dia.; 187 hyd.; 175 v.; met., 947; 1,113 serv.; pipe, lead; pres., dom. & f., 85 lbs.; cons. day, 273,800 gals.; cost, \$378,100; cost mtce., \$13,800; wks. owned by city.

LINCOLN, p. 1,127; merc. bldgs., wd., 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; val. equip., \$2,000; tot. mem., 36 vol.

Water Supply—Src., pond, ½ m. bus. cent.; sys., pump to res.; res. cap., 1,500,000 gals.; 2 pump. eng., class comp. cond., cap. day 1,750,000 gals.; mains, 17 m.; 111 hyd.; 12 v.; 250 serv.; pipe, galv. i.; pres., dom. 40 to 90 lbs., f. 40 to 90 lbs.; cost, \$160,000; cost mtce., \$5,800; wks. owned by town.

LITTLETON, p. 2,200. F. dept.—3 hose carts, 1 hand pump & wag., 6 nozzels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$1,000; exp. dept., \$80; tot. mem., 16 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; 1 pump. eng., cap. day 290,000 gals.; mains, 7 m.; 46 hyd.; 22 v.; 144 met.; 158 serv.; pres., dom. 65 to 100 lbs., f. 65 to 100 lbs.; cons. day, 45,000 gals.; cost, \$60,000; wks. owned by town.

LOWELL, p. 106,294; f. area, 9,060 a.; merc. bldgs., stn., bk. & wd., 1 to 10 stor.; priv., stn., bk. & wd., 1 to 5 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—6 str., 3 chief's auto., 2 c. eng., 8 h. & l. trk., 1 auto. protective car., 3 auto. comb. c. & h. wag., 29 c. hand ex., 2 aer. trk., 9 hose wag., 3 hose car., 52 hrs.; hose, cot., rub. lined, gd., 19,000 ft. (in reserve, 2,050 ft.); f. al., Gamewell, 150 bx.; val. equip., \$254,000; val. bldgs., \$295,000; exp. dept., \$177,671; tot. mem., 181, pd. full time 115, pd. part time 66.

Water Supply—Src., wells, 3 m. bus. cent.; sys., grav., pump to res. & dir.; res. cap., 30,000,000 gals.; 7 pump. eng., cap. day 37,600,000 gals.; (2 pump. eng., cap. 6,000,000 gals., in reserve); mains, c. i., 155 m., 4 to 30 in. dia.; 1,380 hyd.; met., 10,863; 13,108 serv.; 1,867 v.; pipe, iron & lead; pres., dom. 72 lbs., f. 72 lbs.; cons. day, 5,799,000 gals.; cost, \$3,151,864; cost mtce., \$119,440; wks. owned by city.

LUDDLOW, p. 4,948; merc. bldgs., wd. F. dept.—2 hose car.; hose, 1,600 ft.; f. al., wh.

Water Supply—See Springfield.

LYNN, p. 39,336; f. area, 11½ sq. m.; merc. bldgs., bk., 1 to 8 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—10 auto. str., 1 auto. str. with hose, 4 auto. c. eng., 34 c. hand ex., 2 auto. h. & l. trk., 1 auto. aer. trk., 1 comb. aer. & h. & l. trk., 5 auto. hose wag. (3 in reserve), 4 auto. hose car., 4 auto. comb. c. & h. wag., 2 chief's wag. (2 in reserve), 3 fuel & exercise wag., 1 supply wag., (4 hrs. in reserve); hose, cot., rub. lined, gd., 18,500 ft. (2,800 ft. in reserve); f. al., Gamewell, 165 bx.; val. equip., \$174,000; val. bldgs., \$98,000; exp. dept., \$140,000; tot. mem., 154, pd. full time 79, pd. part time 75.

Water Supply—Src., ponds & riv., 2 to 4 m. bus. cent.; sys., grav., pump to res. & stdp.; res. cap., 20,000,000 gals., loc. on Pine Hill; stdp. cap., 500,000 gals., dim. 30 x 50, mat. boiler i.; 8 pump. eng., cap. day 87,750,000 gals.; mains, cem. & c. i., 149 m., 4 to 36 in. dia.; 1,186 hyd.; 1,406 v.; met., 7,572; 16,462 serv.; pipe, lead & cem. lined; pres., dom. 55 to 65 lbs., f. 70 lbs.; cons. day, 6,365,875 gals.; cost, \$3,036,316; cost mtce., \$147,177; wks. owned by city.

LYNNFIELD, p. 900. F. dept.—2 c. eng., 1 hand c. eng., 20 hand ex.; tot. mem., 30 vol.; f. al., bell.

Water Supply—Not reported.

MALDEN, p. 44,404; f. area, 84.25 m.; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 2 to 5 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 3 c. eng., 13 c. hand ex., 2 h. & l. trk., 1 hose wag., 3 comb. c. & h. wag., 2 auto. comb. c. & h. wag.; 22 hrs.; hose, cot., rub. lined, gd., 14,500 ft.; inf., 1,000 ft.; tot. hose, 15,500 ft.; f. al., elec., 104 bx.; val. equip., \$42,900; val. bldgs., \$120,000; exp. dept., \$50,000; tot. mem., 78, pd. full time 47, pd. part time 26.

Water Supply—Src., res.; sys., grav., pump from res.; stdp. cap., 158,000 gals., mat. iron; mains, c. i. & cem. lined, 81.9 m., 4 to 14 in. dia.; 404 hyd.; 1,279 v.; met., 4,760; 6,750 serv.; pipe, lead; pres., dom. 65 lbs., f. 105 lbs.; cons. day, 1,869,029 gals.; cost, \$1,089,144; cost mtce., \$22,299; wks. owned by city.

MANCHESTER, p. 2,673; merc. bldgs., wd., 2½ stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 auto. comb. c. & h. wag., 8 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 5,800 ft.; inf., 500 ft.; tot. hose, 6,300 ft.; f. al., Gamewell, 12 bx.; val. equip., \$12,000; val. bldgs., \$12,000; exp. dept., \$6,000; tot. mem., 40, pd. full time 2, pd. part time 38.

Water Supply—Src., driven wells & pond, ½ & 2½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 1,030,000 gals., dim. 50 x 72; 4 pump. eng., cap. day, 3,500,000 gals.; mains, c. i., 21 m., 6 to 16 in. dia.; 202 hyd.; met., 766; 766 serv.; pipe, wrt. i., & cem. lined; pres., dom. & f. 106 lbs.; cons. day, 12,500,000 gals.; cost, \$447,043; cost mtce., \$12,500; wks. owned by town.

MANSFIELD, p. 5,183; f. area, 1,500 a.; merc. bldgs., wd., 1 to 4 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 h. & l. trk., 8 c. hand ex., 2 hose wag., 2 hose car., 6 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., elec., 25 bx.; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$3,960; tot. mem., 39, pd. part time.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap. 230,000 gals., dim. 20 x 106, mat. iron; 2 pump. eng., cap. day, 300,000 gals. each; mains, c. i., 23 m., 4 to 12 in. dia.; 125 hyd.; met., 380; 1,030 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 65 lbs.;

cons. day, 420,000 gals.; cost, \$126,960; cost mtce., \$12,944; wks. owned by district.

MARBLEHEAD, p. 7,338; merc. bldgs., stn., bk. & wd., 3 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 3 hand eng., 10 c. hand ex., 2 hose wag., 7 hose car., 1 auto. comb. c. eng. & h. wag., 5 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; f. al., Gamewell, 40 bx.; val. equip., \$21,000; val. bldgs., \$25,000; exp. dept., \$10,000; tot. mem., 55, pd. full time 5, pd. part time 50.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 530,000 gals.; dim. 100 x 30, loc. on hill, mat. iron; 2 pump. eng., class single & comp., cap. day 2,500,000 gals.; mains, iron, 35 m., 4 to 14 in. dia.; 359 hyd.; 357 v.; met., 1,050; 2,800 serv.; pipe, galv. i.; pres., dom. 65 to 70 lbs., f. 65 to 75 lbs.; cons. day, 625,000 gals.; cost, \$400,000; cost mtce., \$4,500; wks. owned by town.

MARION, p. 1,900; merc. bldgs., wd., 2 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 3 hose wag., 1 h. & l. trk., 1 hose reel, 20 hand ex.; 2,750 ft. cot., rub. lined, hose; f. al., bell & Gamewell elec., 14 bx.; val. equip., \$7,350; val. bldgs., \$4,600; exp. dept., \$1,000; tot. mem., 40, pd. full time.

Water Supply—Src., wells, 2 m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 235,000 gals.; dim., 20 x 100; 2 pump. eng.; cap. day, 4,000,000 gals.; mains, lead & i., 14½ m., 4 to 12 in. dia.; 72 hyd.; 350 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 85 lbs.; cost, \$125,000; cost mtce., \$6,800; wks. owned by town.

MARLBORO, p. 14,579; f. area, 18,000 a.; merc. bldgs., bk. & wd., 1½ to 4 stor.; priv., wd., 1½ to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—16 c. hand ex., 1 h. & l. trk., 4 hose wag., 1 spare wag., 1 comb. c. & h. wag., 10 hrs.; hose, cot., rub. lined, gd., 9,000 ft.; rub., gd., 200 ft.; tot. hose, 9,200 ft.; f. al., Gamewell storage batteries, 40 bx.; val. equip., \$20,000; val. bldgs., \$46,000; exp. dept., \$16,000; tot. mem., 61, pd. full time 6, pd. part time 1, vol. 54.

Water Supply—Src., lakes, ½ & 3 m. bus. cent.; sys., pump to res., stdp. & dir.; stdp. cap., 200,000 gals.; dim. 80 x 35, mat. wrt. i.; res. cap., 5,500,000 gals., loc. ¼ m. bus. cent.; 3 pump. eng., class comp., cap. day 6,500,000 gals.; mains, c. i., 40 m., 4 to 16 in. dia.; 866 hyd.; 419 v.; met., 1,400; 2,420 serv.; pipe, lead; pres., dom. 60 to 142 lbs., f. 80 to 142 lbs.; cons. day, 579,450 gals.; cost, \$589,800; cost mtce., \$10,000; wks. owned by city.

MARSHFIELD, p. 1,800; f. area, 9 m. F. dept.—3 h. & l. trk., 2 c. eng., 12 c. hand ex.; val. equip., \$2,000; tot. mem., 80 vol.

Water Supply—Src., well & pond.

MATTAPOISETT, p. 1,180; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hand eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$8,000; exp. dept., \$800; tot. mem., 50, pd. part time.

Water Supply—Src., wells & res.

MAYNARD, p. 6,390; f. area, 3,000 a.; merc. bldgs., bk. & wd., 1 to 6 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—8 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 300 ft.; tot. hose, 2,500 ft.; f. al., Gamewell, 13 bx.; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$3,000; tot. mem., 33, pd. full time 1; undra. rating, fourth class.

Water Supply—Src., pond, 3 m. bus. cent.; sys., grav., pump to res.; res. cap., 1,500,000 gals., loc. on Summer hill; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; pipe, c. i.; 113 hyd.; 130 v.; met., 956; 964 serv.; pres., dom. 90 lbs., f. 90 lbs.; cost mtce., \$4,000; wks. owned by town.

MEDFIELD, p. 3,466; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 gas eng., 8 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$5,600; val. bldgs., \$1,500;

exp. dept., \$1,200; tot. mem., 25, pd. part time. Water Supply—Src., spr.; stdp. cap., 25,000 gals.

MEDFORD, p. 23,150; f. area, 11,500 a.; merc. bldgs., bk. & wd., 3 & 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. h. & l. trk., 3 comb. c. & h. wag., 16 c. hand ex., 3 hose wag., 14 hrs.; hose, cot., rub. lined, gd., 9,500 ft.; inf., 450 ft.; tot. hose, 9,950 ft.; f. al., Gamewell, 66 bx.; val. equip., \$32,000; val. bldgs., \$83,450; exp. dept., \$37,500; tot. mem., 59, pd. full time 13, pd. part time 46.

Water Supply—Src., Charles River & wells in bus. cent.; sys., pump to stdp.; stdp. cap., 436,000 gals.; dim. 30 x 30; mat., stl.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 12.35 m., 4 to 12 in. dia.; 11 hyd.; 87 v.; 200 met.; 400 serv.; pipe, wrt. i. & cem.; pres., dom. & f., 55 lbs. to 100 lbs.; cons. day, 100,000 gals.; cost, \$113,000; cost mtce., \$2,000; wks. owned by town.

MEDWAY, p. 2,696; merc. bldgs., wd., 1½ to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hand eng., 50 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 1,000 ft.; tot. hose, 3,500 ft.; f. al., bell & wh.; val. bldgs., \$3,500; exp. dept., \$2,400; tot. mem., 123 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 436,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 12.35 m., 4 to 12 in. dia.; 113 hyd.; 87 v.; 173 met.; 450 serv.; pres., dom. & f., 50 to 90 lbs.; cons. day, 150,000 gals.; cost, \$113,000; cost mtce., \$6,000; wks. owned by town.

MELROSE, p. 16,715; f. area, 3,114 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 10 c. hand ex., 1 h. & l. trk., 4 hose wag., 10 hrs.; hose, cot., rub. lined, gd., 6,900 ft.; inf., 1,800 ft.; tot. hose, 8,700 ft.; f. al., elec., 45 bx.; val. equip., \$18,000; val. bldgs., \$27,890; exp. dept., \$12,790; tot. mem., 46, pd. full time 7, pd. part time 39.

Water Supply—Src., riv., Metropolitan sys., 1¼ m. bus. cent.; sys., pump to res. & dir.; mains, 52.25 m., 4 to 16 in. dia.; 334 hyd.; 555 v.; met., 3,949; 3,741 serv.; pipe, iron & lead; pres., dom. 95 lbs., f. 95 lbs.; cons. day, 1,132,100 gals.; cost, \$428,476; cost mtce., \$9,000; wks. owned by city.

MENDON, p. 922. F. dept.—24 hand ex., 1 h. & l. trk.; bell al.; val. equip., \$700; 25 vol.

MERRIMAC, p. 1,950; f. area, 800 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—1 str., 7 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose reel, 8 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., elec., 18 bx.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$1,500; tot. mem., 30, pd. full time.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 420,000 gals.; dim. 40 x 45; 2 pump. eng., cap. day 2,250,000 gals.; mains, c. i., 9½ m., 6 to 12 in. dia.; 67 hyd.; 83 v.; met., 300; 500 serv.; pipe, cem. lined; pres., dom. & f. 84 to 117 lbs.; cost, \$36,500; cost mtce., \$7,500; wks. owned by town.

METHUEN, p. 11,488; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 6 c. hand ex., 1 comb. trk., 1 h. & l. trk., 1 hose wag., 7 hose reels, 6 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; f. al., elec., 38 bx.; val. equip., \$70,000; val. bldgs., \$15,000; exp. dept., \$3,500; tot. mem., 26, pd. full time 3, vol. 24.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump to res.; res. cap., 1,013,000 gals.; 2 pump. eng., size 12 x 24 x 18, cap. day 1,500,000 gals.; mains, c. i., 28 m., 4 to 16 in. dia.; 300 hyd.; 190 v.; met., 1,454; 1,775 serv.; pipe, cem.; pres., dom. 95 lbs., f. 125 lbs.; cons. day, 350,500 gals.; cost, \$300,578; cost mtce., \$6,200; wks. owned by town.

MIDDLEBORO, p. 8,214; f. area, 2,500 a.; merc. bldgs., wd. & bk., 2 to 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. auto. wag., 1 h. & l. trk., 1 hose wag., hose, cot., rub. lined, gd., 5,500 ft.; f. al., Gamewell, 81 bx.; val. equip., \$12,000;

val. bldgs., \$7,500; exp. dept., \$5,000; tot. mem., 56, pd. by year.

Water Supply—Src., wells, $\frac{3}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap. 235,000 gals., dim. 20 x 103, mat. iron; 2 pump. eng., cap. day, 2,804,000 gals.; mains, c. i., 20.38 m., 2 to 12 in. dia.; 141 hyd.; 220 v.; met., 1,091; 1,082 serv.; pipe, wrt. i.; pres., dom. 50 to 70 lbs.; f. 100 to 110 lbs.; cons. day, 338,052 gals.; cost, \$163,131; cost mtce., \$8,142; wks. owned by f. district.

MIDDLETOWN, p. 1,068. F. dept.—1 c. ex., 1 h. & l. trk., 1 hose cart, 20 vol.

Water Supply—Not reported; 10 hyd.; pres., 65 lbs.

MILFORD, p. 18,055; f. area, 12,160 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 1 to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 12 c. hand ex., 1 h. & l. trk., 3 hose wag., 1 comb. c. & h. wag., 8 hrs.; hose, cot., rub. lined, gd., 6,800 ft.; inf., 200 ft.; tot. hose, 7,000 ft.; f. al., bell & wh., 25 bx.; val. equip., \$6,900; val. bldgs., \$10,000; exp. dept., \$13,000; tot. mem., 72, pd. full time 1, pd. part time 71.

Water Supply—Src., Echo Lake & wells, 4 m. bus. cent.; sys., pump dir. to mains; stdp. cap., 100,000 gals.; res. cap., 400,000 gals.; 3 pump. eng., class comp. dup., cap. day 6,000,000 gals.; mains, c. i., 34 m., 4 to 14 in. dia.; 190 hyd.; 415 v.; met., 1,751; 2,415 serv.; pipe, lead, wrt. i.; pres., dom. 75 lbs.; f. 110 lbs.; cons. day, 893,019 gals.; wks. owned by Co.

MILLSBURY, p. 4,740; merc. bldgs., wd., stn. & bk., 2 to 5 stor.; priv., bk., stn. & wd., 1 to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 auto. comb. c. & h. wag., 8 c. hand ex., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 4,900 ft.; f. al., Gamewell, elec., 20 bx.; val. equip., \$15,000; val. bldgs., \$5,000; exp. dept., \$3,000; tot. mem., 30, pd. part time.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to res.; res. cap., 1,500,000 gals.; 2 pump. eng., class trip. & comp., cap. day 17,500,000 gals.; mains, c. i., 13 m., 6 to 16 in. dia.; 76 hyd.; met., 4,011; 490 serv.; pipe, cem. lined; pres., dom. f. 42 to 130 lbs.; cost, \$220,000; wks. owned by Co.

MILLER'S FALLS, p. included in Montague. F. dept.—2 hose carts, 4 hand ex.; wh. al.; 50 vol.

MILLIS, p. 1,252; f. area, 1,600 a.; bldgs., wd., 2 stor.; wd. rfs. perm. F. dept.—2 hand eng., 15 c. hand ex., 1 hose wag., 1 h. & l. trk., 2 hand hose carts; hose, cot., rub. lined, gd., 2,700 ft.; f. al., wh.; val. equip., \$4,750; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 45.

Water Supply—Src., spr.; sys., grav., pump to stdp.; stdp. cap., 200,000 gals., dim. 20 x 80, mat. iron; 2 pump. eng., cap. day 750,000 gals.; mains, 10 m.; 55 hyd.; pipe, iron; cost, \$42,000; wks. owned by city.

MILLVILLE, p. 2,400; bldgs., bk. & wd., 2 to 4 stor. F. dept.—1 comb. hose & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; linen, gd., 2,000 ft.; tot. hose, 4,000 ft.; f. al., bell & wh.; tot. mem., 80 vol.

Water Supply—Src., riv., in bus. cent.; sys., pump dir.; mains, c. i., 5 m., 8 to 12 in. dia.; 25 hyd.; pres., f. 110 lbs.; cost, \$15,000; cost mtce., \$2,000; wks. owned by town.

MILTON, p. 7,924; f. area, 6,000 a.; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 12 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 comb. c. & h. wag., 16 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; f. al., Gamewell, 60 bx.; val. equip., \$28,000; val. bldgs., \$85,000; exp. dept., \$25,740; tot. mem., 50; pd. full time 14, vol. 36.

Water Supply—Src., Metropolitan Water Board; sys., pump dir.; mains, c. i., 46.83 m., 2 to 16 in. dia.; 378 hyd.; 520 v.; met., 1,678; 1,587 serv.; pipe, lead, galv. i. & cem. lined; pres., dom. 30 lbs.; f. 133 lbs.; cons. day, 317,700 gals.; wks. owned by town.

MONSON, p. 4,758; f. area, all the town; merc. bldgs., wd., 1 to 8 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. eng., 36 c. hand ex., 1 h. & l. trk., 3 hose reels; hose, cot.,

rub. lined, gd., 2,000 ft.; c., gd., 200 ft.; inf., 300 ft.; tot. hose, 2,500 ft.; f. al., Gamewell, 15 bx.; val. equip., \$5,025; val. bldgs., \$2,000; exp. dept., \$1,000; tot. mem., 51 vol.

Water Supply—Src., wells, 3 m. bus. cent.; sys., grav.; res. cap., 700,000 gals.; mains, c. i., 15 m., 6 to 12 in. dia.; 100 hyd.; met., 380; 460 serv.; pipe, wrt. iron; cost, \$59,000; wks. owned by town.

MONTAGUE, p. 6,866; merc. bldgs., bk., 3 stor.; priv., bk. & wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 3 hose car., 3 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; rub. gd., 1,000 ft.; tot. hose, 6,000 ft.; f. al., telg., 12 bx.; exp. dept., \$4,000; tot. mem., 85.

Water Supply—Src., priv. waterwks.

NAHANT, p. 1,153; f. area, 450 a.; merc. bldgs., wd.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 1,000 ft.; tot. hose, 5,000 ft.; f. al., Gamewell, 15 bx.; exp. dept., \$4,500; tot. mem., 52, pd. part time.

Water Supply—Src., Metropolitan, Water Board; sys., grav. & pump to stdp.; stdp. cap., 400,000 gals.; 14 m. mains; 100 hyd.; met., 377; 655 serv.; pres., dom. 60 lbs.; f. 80 to 100 lbs.; wks. owned by town.

NANTUCKET, p. 2,962; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 hand eng., 1 c. eng., 2 h. & l. trk., 10 hose car., 2 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., bell; val. equip., \$8,500; val. bldgs., \$4,000; exp. dept., \$6,700; tot. mem., 210, pd. part time.

Water Supply—Src., pond, 2 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 424,000 gals.; dim., 80 x 80; mat., stl.; 4 pump. eng., class trip., cap. day, 2,000,000 gals.; mains, c. i., 12 m., 4 to 10 in. dia.; 83 hyd.; 125 v.; met., 1; 1,000 serv.; pipe, lead & galv. i.; pres., dom. 50 lbs.; f. 75 lbs.; cons. day, 400,000 gals.; wks. owned by Co.

NATICK, p. 9,866; merc. bldgs., bk., 3 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 str., 1 h. & l. trk., 4 hose wag., 2 hose reels, 10 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; inf., 2,000 ft.; tot. hose, 10,000 ft.; f. al., Gamewell, 32 bx.; val. equip., \$18,000; val. bldgs., \$54,850; exp. dept., \$10,000; tot. mem., 56 vol.

Water Supply—Src., pond, elevated wells, $1\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 3,500 gals.; 2 pump. eng., class comp. vertical, cap. day 5,000,000 gals.; mains, c. i. & cem. lined, 88 $\frac{1}{2}$ m., 1 to 12 in. dia.; 206 hyd.; 327 v.; met., 1,063; 1,925 serv.; pipe, galv. i.; pres., dom. 60 to 90 lbs.; f. 60 to 90 lbs.; cost, \$450,894; cost mtce., \$3,592; wks. owned by town.

NEEDHAM, p. 5,026; f. area, 7,500 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., $2\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag., 2 comb. c. & h. wag., 1 hose reel; hose, cot., rub. lined, gd., 9,000 ft.; f. al., bell, 86 bx.; val. equip., \$16,345; val. bldgs., \$7,100; exp. dept., \$2,500; tot. mem., 58, pd. part time.

Water Supply—Src., spr.; sys., pump to stdp.; stdp. cap., 301,000 gals.; dim., 25 x 85; mat., iron; 2 pump. eng., comp. dup., cap. day 750,000 gals. each; mains, c. i., 38.76 m., 4 to 12 in. dia.; 328 hyd.; 308 v.; met., 1,221; 1,263 serv.; pipe, c. i. & lead; pres., dom. 85 to 120 lbs.; f. 85 to 120 lbs.; cons. day, 355,375 gals.; cost, \$284,156; cost mtce., \$8,887; wks. owned by town.

NEW BEDFORD, p. 96,652; f. area, 12 sq. m.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 1 auto. c. eng., 3 auto. comb. c. & h. wag., 25 c. hand ex., 1 comb. h. & l. trk., 3 aer. trk., 8 hose wag., 46 hrs.; hose, cot., rub. lined, gd., 18,600 ft.; f. al., bell, 156 bx.; val. equip., \$120,000; val. bldgs., \$180,000; exp. dept., \$170,000; tot. mem., 224, pd. full time 94, pd. part time 130.

Water Supply—Src., Quittaca Ponds, $11\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 87,000, 000 gals., loc. at North Dartmouth; 5 pump. eng., class comp. comb., cap. day 45,000,000 gals.; mains, c. i. & stl., 153.8 m., 4 to 48 in. dia.; 1,583 hyd.; 1,981 v.; met., 9,998; 13,643 serv.; pipe, lead; pres., dom. 25 to 90 lbs.; f. 25 to 90

lbs.; cons. day, 8,280,707 gals.; cost, \$4,215,598; cost mtce., plus int., \$168,854; wks. owned by city.

NEWBURYPORT, p. 14,949; merc. bldgs., bk. & wd., 3 to 5 stor.; priv., wd., 2 1/2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—4 str., 14 c. hand ex., 2 h. & l. trk., 6 hose wag., 1 hose reel, 13 hrs.; hose, 11,500 ft.; f. al., Gamewell, 40 bx.; val. equip., \$12,000; val. bldgs., \$14,000; exp. dept., \$12,000; tot. mem., 80 vol.

Water Supply—Src., wells & ponds, 2 1/2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 600,000 gals.; dim., 40 x 65; mat., stl.; 3 pump. eng., class comp. dup.-trip., cap. day 6,000,000 gals.; mains, c. i. & cem. lined, 35 m., 2 to 16 in. dia.; 248 hyd.; met., 100; 3,580 serv.; pipe, cem. lined; pres., dom. 55 lbs., f. 55 lbs.; cons. day, 1,125,000 gals.; wks. owned by city.

NEWTON, p. 30,806; f. area, 12,800 a.; merc. bldgs., bk. & wd., 1 to 6 stor.; priv., stn., bk. & wd., 2 1/2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 chief's auto., 3 str., 2 c. eng. in reserve, 31 c. hand ex., 1 h. & l. trk., 1 40-gal. c. tk., 1 aer. trk., 5 hose wag., 2 chief's wag., 2 auto. comb. c. & h. wag., 7 exercise wag., 3 comb. c. & h. wag., 29 hrs.; hose, cot., rub. lined, gd., 13,250 ft.; fair, 4,000 ft.; c., 1,000 ft.; tot. hose, 18,250 ft.; f. al., bell & elec., 163 bx.; val. equip., \$76,910; val. bldgs., \$182,750; exp. dept., \$60,228; tot. mem. 91, pd. full time 42, pd. part time 49.

Water Supply—Src., wells & covered conduit, 4 m. bus. cent.; sys., pump to res.; res. cap., 4,500,000 gals.; 2 pump. eng., class dup. & vertical, cap. day 11,000,000 gals.; mains, c. i., 150 m., 4 to 24 in. dia.; 1,020 hyd.; 910 v.; met., 7,800; 8,500 serv.; pipe, lead & galv. i.; pres., dom. 85 lbs., f. 85 lbs.; cons. day, 2,759,000 gals.; cost, \$2,440,000; cost mtce., \$27,000; wks. owned by city.

NORTH ADAMS, p. 22,019; f. area, 6,500 a.; merc. bldgs., bk., 4 to 6 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 5 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose carts, 7 hrs.; hose, cot., rub. lined, gd., 6,950 ft.; f. al., Gamewell, 43 bx.; val. equip., \$11,000; val. bldgs., \$34,500; exp. dept., \$14,500; tot. mem. 73, pd. full time 7, pd. part time 66; undrs. rating, first class.

Water Supply—Src., brooks; sys., grav.; res. cap., 98,000,000 gals.; 1 pump. eng., cap. day 1,100,000 gals.; mains, c. i., 44 m., 4 to 24 in. dia.; 308 hyd.; met., 87; 8,650 serv.; pres., dom. 95 to 161 lbs., f. 105 lbs.; cost, \$460,000; cost mtce., \$10,000; wks. owned by city.

NORTHAMPTON, p. 19,481; f. area, 12,500 a.; merc. bldgs., bk., 2 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 auto. comb. c. & h. wag., 1 hand eng., 2 comb. c. & h. wag., 14 c. hand ex., 2 h. & l. trk., 2 hose wag., 1 hand eng., 7 hrs.; hose, cot., rub. lined, gd., 11,000 ft.; inf., 700 ft.; tot. hose, 11,700 ft.; f. al., Gamewell, 58 bx.; val. equip., \$34,904; val. bldgs., \$25,000; exp. dept., \$20,000; tot. mem. 76, pd. full time 12, pd. part time 64.

Water Supply—Src., mountain str., 10 m. bus. cent.; sys., grav.; res. cap., 500,000,000 gals.; mains, c. i., 64 m., 3 to 24 in. dia.; 405 hyd.; met., 117; 3,300 serv.; pipe, galv. i.; pres., dom. 40 to 100 lbs., f. 40 to 100 lbs.; cost, \$845,991; cost mtce., \$5,266; wks. owned by city.

NORTH ANDOVER, p. 5,529; f. area, 16,195 a.; merc. bldgs., bk., 3 & 4 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 str., 2 hose wag., 1 comb. c. & h. wag., 6 hrs.; hose, cot., rub. lined, gd., 3,200 ft.; f. al., Gamewell, 28 bx.; val. equip., \$47,069; exp. dept., \$5,500; tot. mem. 33, pd. full time 3, pd. part time 30.

Water Supply—Src., pond, 2 1/2 m. bus. cent.; sys., pump to res.; res. cap., 1,500,000 gals., loc. top of hill; 2 pump. eng., class dup. comp., cap. day 1,500,000 gals.; mains, c. i., 32.8 m., 6 to 12 in. dia.; 216 hyd.; 239 v.; met., 809; 921 serv.; pipe, lead & cem. lined; pres., dom. 150 lbs., f. 150 lbs.; cons. day, 270,000 gals.; cost, \$202,000; cost mtce., \$5,062; wks. owned by town.

NORTH ATTLEBORO, p. 9,562; f. area, 12,243 a.; merc. bldgs., wd., 3 & 4 stor.; priv., wd., 1 to 4 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 1 str., 2 supply wag., 18 c. hand ex., 3 h. & l. trk., 3 hose wag., 2 chief's

buggies, 9 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; f. al., Gamewell, 43 bx.; val. equip., \$23,000; val. bldgs., \$12,000; exp. dept., \$12,000; tot. mem. 52, pd. full time 6, pd. part time 46.

Water Supply—Src., 2 wells; sys., pump to stdp.; stdp. cap., 564,000 gals.; dim., 40 x 60; mat., iron; 8 pump. eng., class comp., cap. day 5,000,000 gals.; mains, iron, 31.9 m., 4 to 16 in. dia.; 290 hyd.; met., 1,532; 1,532 serv.; pipe, iron & lead; pres., dom. 85 to 110 lbs., f. 85 to 110 lbs.; cons. day, 482,000 gals.; cost, \$275,000; cost mtce., \$6,288; wks. owned by town.

NORTHBOROUGH, p. 1,947; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 & 2 1/2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 1 hose reel, 1 h. & l. trk., 1 hose wag., 1 c. eng.; hose, cot., rub. lined, gd., 1,900 ft.; inf., 350 ft.; tot. hose, 2,250 ft.; f. al., wh.; val. equip., \$2,600; val. bldgs., \$2,400; exp. dept., \$1,159.62; tot. mem. 23, pd. part time.

Water Supply—Src., brook, 3 m. bus. cent.; sys., grav.; res. cap., 30,000,000 gals.; mains, wrt. l., cem. & iron, 11 1/2 m., 1 to 10 in. dia.; 70 hyd.; 68 v.; met., 46; 339 serv.; pipe, enameled & galv. i.; pres., dom. 65 to 90 lbs., f. 65 to 90 lbs.; cons. day, 300,000 gals.; cost, \$85,000; cost mtce., \$900; wks. owned by town.

NORTHBRIDGE, p. 8,807; merc. bldgs., bk., stn. & wd., 8 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 auto. h. & l. trk., 12 c. hand ex., 5 hose car., hose, linen, gd., 13,800 ft.; f. al., wh. & elec.; exp. dept., \$1,000; tot. mem. 53, pd. part time.

Water Supply—Src., res., 3 m. bus. cent.; sys., grav.; res. cap., 80,000,000 gals.; 2 pump. eng., cap. min. 2,000 gals.; mains, iron, 13 1/2 m., 4 to 12 in. dia.; 165 hyd.; 128 v.; pres., dom. 48 lbs., f. 100 lbs.; cost mtce., \$1,000; wks. owned by Co.

NORTH BROOKFIELD, p. 3,075; f. area, 56 sq. m.; merc. bldgs., wd., 2 to 4 stor.; priv., wd., 2 1/2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 3 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 4,100 ft.; inf., 2,000 ft.; tot. hose, 6,100 ft.; f. al., elec., 1 bx.; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$1,500; tot. mem. 34 vol.; undrs. rating, second class.

Water Supply—Src., spr. & ponds; sys., pump to res.; res. cap., 407,000,000 gals.; 1 pump. eng., class dup., cap. day 940,000 gals.; mains, c. i., 8 m., 4 to 16 in. dia.; 105 hyd.; met., 2; 524 serv.; pipe, lead & iron; pres., dom. 85 lbs., f. 120 lbs.; cons. day, 174,000 gals.; cost, \$194,630; cost mtce., \$8,220; wks. owned by town.

NORTH CHELMSFORD, p. 4,554; merc. bldgs., wd. F. dept.—2 h. & l. trk., 20 hand ex., 1 hose cart & hose; f. al., bell.

Water Supply—Src., wells, situated 1/2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 350,000 gals.; dim., 22 x 125; mat., stl.; 2 pump. eng., cap. day 600,000 gals.; mains, c. i., 5 m., 4 to 12 in. dia.; 60 hyd.; 27 v.; 318 serv.; pipe, tin-lead; pres., dom. 85 lbs., f. 120 lbs.; cost, \$80,000; wks. owned by North Chelmsford f. district.

NORTH EASTON, p. 3,500; f. area, 500 a.; merc. bldgs., stn. & wd., 1 to 4 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 c. eng., 14 c. hand ex., 1 comb. c. & h. trk., 1 hose car., 3 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., bell, wh. & Gamewell, 22 bx.; val. equip., \$5,000; val. bldgs., \$6,500; exp. dept., \$1,600; tot. mem., 33, pd. part time.

Water Supply—Src., spr., 1/2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 285,000 gals.; dim., 30 x 102; res. cap., 3,000,000 gals.; 2 pump. eng., class comp., cap. day 1,500,000 gals.; mains, iron, 10 m., 4 to 10 in. dia.; 95 hyd.; 125 v.; met., 178; 507 serv.; pres., dom. 60 lbs., f. 90 lbs.; cost, \$75,000; wks. owned by district.

NORTHFIELD, p. 2,017; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 1 1/2 to 2 1/2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., brook, 1 m. bus. cent.; sys., grav.; res. cap., 350,000 gals., loc. 1 m. east of town; mains, iron, 2 1/2 m., 4 to 6 in. dia.; 60 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 50 lbs.; cost, \$6,400; cost mtce., \$200; wks. owned by Co.

NORTH READING, p. 903. F. dept.—1 h. & l. trk., 1 hand ex., 1 hose cart; bell al.; 30 vol.

NORTON, p. 2,544; f. area, whole town; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; val. equip., \$2,000; val. bldgs., \$100; tot. mem., 12 vol.

Water Supply—Src., wells, 2 m. bus. cent.; sys., grav., pump dir.; stdp. cap., 200,000 gals.; dim., 32 x 25; 2 pump. eng.; cap. day, 432,000 gals.; mains, 13 m., 4 to 16 in. dia.; 61 hyd.; 30 v.; 5 met.; 180 serv.; pipe, galv. i. & cem.; pres., dom. 90 lbs., f. 120 lbs.; cons. day, 180,000 gals.; cost mtee., \$1,800; wks. owned by private Co.

NORWOOD, p. 8,014; f. area, 6,336 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—4 c. eng., 14 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 5,600 ft.; f. al., telg.; val. equip., \$10,050; val. bldgs., \$15,000.

Water Supply—Src., pond & spr.; sys., pump to res.; res. cap., 2,000,000 gals.; 2 pump. eng., cap. day, 1,500,000 gals.; mains, c. l., 25 m., 2 to 14 in. dia.; 153 hyd.; 86 v.; met., 507; 800 serv.; pipe, lead; pres., dom. 58 lbs., f. 58 lbs.; cons. day, 169,000 gals.; cost, \$169,815; cost mtee., \$3,500; wks. owned by town.

OAK BLUFFS, p. 1,138. F. dept.—1 h. & l. trk., 1 str., 1 c. eng., 8 hose carts; Gamewell al.; 70 vol.

ORANGE, p. 5,282; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 15 hand ex., 1 h. & l. trk., 1 comb. h. & c. wag., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 7,800 ft.; inf., 1,000 ft.; tot. hose, 8,300 ft.; f. al., elec., 21 bx.; val. equip., \$7,000; val. bldgs., \$8,000; exp. dept., \$3,700; tot. mem., 43, pd. part time.

Water Supply—Src., spr. & brook, 2 m. bus. cent.; sys., pump to res. & dir.; res. cap., 2,750,000 gals., loc. 1 m. cent. town; 2 pump. eng., class comp. cond., cap. day 1,750,000 gals.; mains, c. l., 15 m., 6 to 16 in. dia.; 131 hyd.; 102 v.; met., 875; 875 serv.; pipe, galv. i.; pres., dom. 80 to 130 lbs., f. 80 to 130 lbs.; cons. day, 155,917 gals.; cost, \$159,126; cost mtee., \$6,000; wks. owned by city.

ORLEANS, p. 1,052; f. area, 5,500 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 comb. hand & c. eng., 1 hose car.; hose, linen, gd., 700 ft.; 1 bx.; val. equip., \$1,000; val. bldgs., \$300; exp. dept., \$60; tot. mem., 12 vol.

Water Supply—Src., wells & cisterns.

OSTERVILLE, p. included in Barnstable. F. dept.—Covered by Barnstable.

OXFORD, p. 3,361; f. area, 1,600 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 5 c. hand ex., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$4,500; exp. dept., \$1,000; tot. mem., 4, pd. part time.

Water Supply—Src., 8 driven wells; stdp. cap., 150,000 gals.; 2 pumps, 2 40-hp. fuel oil eng.; wks. owned by private Co.

PALMER, p. 8,610; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. trk., 80 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., bell & wh., 19 bx.; val. equip., \$10,500; val. bldgs., \$5,000; exp. dept., \$7,000; tot. mem., 25 vol.

Water Supply—Src., res. & spr.; sys., grav.; 3 res., cap., 15,000,000 gals.; mains, 8 m., 4 to 12 in. dia.; 69 hyd.; 25 v.; met., 63; 190 serv.; pres., dom. 70 lbs., f. 75 lbs.; cost mtee., \$1,200; wks. owned by Co.

PAXTON, p. 444. F. dept.—1 h. & l. trk., 11 hand ex.; bell al.; 16 vol.

PEABODY, p. 15,721; f. area, 10,000 a.; merc. bldgs., bk. & wd., 1 to 9 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 comb.

c. & h. wag., 1 c. eng., 9 c. hand ex., 1 h. & l. trk., 5 hose wag., 8 hose car., 14 hrs.; hose, cot., rub. lined, gd., 14,000 ft.; inf., 2,000 ft.; tot. hose, 16,000 ft.; f. al., Gamewell, 50 bx.; val. equip., \$5,615; val. bldgs., \$49,200; exp. dept., \$33,000; tot. mem., 92, pd. full time 10, vol. 82; undrs. rating, second class.

Water Supply—Src., Sauntau lake, 5 m. bus. cent.; sys., pump to res. & dir.; stdp. cap., 500,000 gals.; dim., 60 x 25; mat., iron; res. cap., 8,086,000 gals., loc. 4½ m. cent. town; 1 pump. eng., class comp. dup., cap. day 5,000,000 gals.; mains, cem., c. & galv. l., 43 m., 1 to 24 in. dia.; 384 hyd.; 338 v.; met., 251; 2,776 serv.; pipe, galv. i.; pres., dom. 30 to 85 lbs., f. 60 to 85 lbs.; cons. day, 2,472,591 gals.; cost, \$787,000; cost mtee., \$15,000; wks. owned by city & Co.

PEMBROKE, p. 1,280. F. dept.—1 comb. c. & hose wag., 1 c. wag.; hose, 650 ft.; val. equip., \$700; val. bldgs., \$4,500; tot. mem., 73 vol.

Water Supply—Src., pond, situated 8 m. bus. cent.; sys., pump; stdp. cap., 365,000 gals.; dim., 25 x 100 ft.; mat., stl.; 2 pumps, cap. day 2½ to 3,000,000 gals.; mains, c. l., 6 m.; met., 13; 61 serv.; pres., dom. 75 lbs., f. 100 lbs.

PEPPERELL, p. 2,953; f. area, whole town; merc. bldgs., wd., 2 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 12 bx.; val. equip., \$7,000; val. bldgs., \$7,000; exp. dept., \$2,250; tot. mem., 34, pd. full time 1, pd. part time 33.

Water Supply—Src., wells, 3½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 500,000 gals.; dim., 40 x 50; mat., stl.; 2 pump. eng., class dup.; cap. day, 360,000 gals.; mains, c. l., 21 m., 6 to 12 in. dia.; 144 hyd.; 142 v.; 477 met.; 530 serv.; pipe, galv. i.; pres. dom. & f. 100 lbs.; cons. day, 115,000 gals.; cost, \$162,323; cost mtee., \$3,000; wks. owned by town.

PETERSHAM, p. 855. F. dept.—1 c. eng., 38 c. hand ex., 950 ft. hose; f. al., bell; val. equip., \$2,000; exp. dept., \$100; vol.

PHILLIPSTON, p. 442. F. dept.—14 hand ex., 25 vol.

PITTSFIELD, p. 32,121; f. area, 32.88; merc. bldgs., stn. & bk., 4 to 7 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str. (3 in reserve), 1 auto. comb. c. & h. wag., 1 chief's auto., 1 auto. comb. pump., c. & h. wag., 1 auto. aer. trk., 1 h. & l. trk., 2 hose reels, 1 f. al. wag., 2 exercise wag., 9 hrs.; hose, cot., rub. lined, gd., 9,850 ft.; f. al., Gamewell, 72 bx.; val. equip., \$53,669; val. bldgs., \$60,900; exp. dept., \$40,445; tot. mem., 50, pd. full time 31, pd. part time 19; undrs. rating, second class.

Water Supply—Src., Pohley lake, 8 m. bus. cent.; sys., grav.; res. cap., 24,000,000 gals.; mains, wrt. l., 84.71 m., 8 to 20 in. dia.; 7,500 serv.; 512 hyd.; 759 v.; met., 209; pipe, galv. i.; pres., dom. 60 lbs., f. 70 lbs.; cons. day, 6,100,000 gals.; cost, \$750,000; cost mtee., \$8,000; wks. owned by city.

PLAINVILLE, p. 2,189. F. dept.—4 hand ex., 2 hose car.; f. al., elec.; tot. mem., 35 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 246,000 gals.; dim., 25 x 67 ft.; mat., stl.; 2 pump. eng., cap. day 525,000 gals.; mains, c. l., 6½ m., 4 to 12 in. dia.; 51 hyd.; 58 v.; met., 189; 201 serv.; pipe, galv. & wrt. l.; pres., dom. 74 lbs.; cons. day, 25,000 gals.; cost, \$35,000; wks. owned by town.

PLYMOUTH, p. 12,141; f. area, 2,000 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 3 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—4 str., 2 c. eng., 10 c. hand ex., 2 h. & l. trk., 2 hose wag., 2 hose car., 12 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., Gamewell, 56 bx.; val. equip., \$30,000; val. bldgs., \$70,000; exp. dept., \$14,500; tot. mem., 72 vol.

Water Supply—Src., ponds, 4 m. bus. cent.; sys., grav., pump to res.; res. cap., 8,000,000 gals.; 2 pump. eng., class dup., cap. day 3,500,000 gals.; mains, cem. lined, 53½ m., 4 to 16 in. dia.; 220 hyd.; 600 v.; met., 140; 2,340 serv.; pipe, lead; pres., dom. 40 lbs., f. 80 lbs.; cost, \$328,375; cost mtee., \$11,000; wks. owned by town.

PRINCETON, p. 925. F. dept.—2 c. eng., 1 h.

& 1. trk.; tot. mem., 50 vol.; val. equip., \$1,000; val. bldgs., \$1,500; exp. dept., \$300.

Water Supply—Src., spring, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 1 pump. eng., cap. day 24,000 gals.; mains, c. i., 1 m., $1\frac{1}{2}$ in. dia.; 3 hyd.; pres., dom. & f., 20 lbs.; cons. day, 5,000 gals.; cost, \$5,000; cost mtce., \$400; wks. owned by priv. Co.

PROVINCETOWN, p. 4,369; f. area, 800 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 hand eng., 1 c. eng., 15 c. hand ex., 1 h. & l. trk., 1 hose wag., 6 hose car., 2 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; inf., 1,000 ft.; tot. hose, 8,000 ft.; f. al., bell; val. equip., \$14,000; val. bldgs., \$12,500; exp. dept., \$1,500; tot. mem., 126 vol.

Water Supply—Src., wells, 5 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 460,000 gals.; dim., 100 x 28, loc. near cent. town; mat., iron; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; 80 hyd.; 150 v.; met., 350; 1,150 serv.; pipe, wrt. i.; pres., dom. 70 lbs., f. 75 lbs.; cons. day, 150,000 gals.; cost, \$125,000; cost mtce., \$4,500; wks. owned by town.

QUINCY, p. 32,642; f. area, 16.7 sq. m.; merc. bldgs., bk. & wd., $1\frac{1}{2}$ to 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. c. & h. wag., 1 chief's auto., 1 str., 2 comb. c. & h. wag., 3 h. & l. trk., 23 c. hand ex., 2 hose wag., 24 hrs.; hose, cot., rub. lined, gd., 12,000 ft.; f. al., Gamewell, 134 bx.; val. equip., \$69,500; val. bldgs., \$50,000; exp. dept., \$45,000; tot. mem., 83, pd. full time 30, pd. part time 53, undra. rating, first class.

Water Supply—Src., Metropolitan Water Sys.; 2 stdps., cap. 750,000 gals.; mat., iron; mains, c. i., 125 m., 4 to 20 in. dia.; 800 hyd.; 1,450 v.; met., 5,800; 8,400 serv.; pipe, lead; pres., dom. 90 lbs., f. 90 lbs.; wks. owned by city.

RANDOLPH, p. 4,801; merc. bldgs., wd., 2 to 5 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—1 str., 1 c. hand ex., 1 h. & l. trk., 3 hose car., reels, &c., 6 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., Gamewell, 17 bx.; exp. dept., \$2,200; tot. mem., 52, pd. part time.

Water Supply—Src., ponds, 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 750,000 gals.; 2 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 18 m.; 155 hyd.; met., 180; 875 serv.; pipe, cem lined; pres., dom. 80 lbs., f. 100 lbs.; cons. day 326,690 gals.; cost, \$158,000; cost mtce., \$12,752; wks. owned by town.

READING, p. 5,818; f. area, 9 $\frac{1}{2}$ sq. m.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 8 c. hand ex., 1 h. & l. trk., 4 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 2,000 ft.; tot. hose, 7,000 ft.; f. al., bell & wh., 34 bx.; val. equip., \$8,200; val. bldgs., \$12,000; exp. dept., \$3,800; tot. mem., 66, pd. part time 56, vol. 10.

Water Supply—Src., wells, $2\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 530,000 gals.; dim., 80 x 100; mat., iron; 8 pump. eng., cap. day 1,600,000 gals.; mains, c. i., 31 m., 6 to 12 in. dia.; 179 hyd.; 280 v.; met., 1,242; 1,275 serv.; pipe, iron & cem. lined; pres., dom. 73 lbs., f. 73 lbs.; cons. day, 186,000 gals.; cost, \$318,526; cost mtce., \$15,609; wks. owned by town.

REVERE, p. 18,219; f. area, 3,200 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—2 str., 6 c. hand ex., 2 h. & l. trk., 1 hose car., 2 auto. comb. c. & h. wag., 1 chief's auto., 14 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 4,000 ft.; tot. hose, 10,000 ft.; f. al., Gamewell, 53 bx.; val. bldgs., \$100,000; exp. dept., \$40,000; tot. mem., 47, pd. full time 18, pd. part time 29.

Water Supply—Src., Metropolitan water supply, 6 m. bus. cent.; sys., grav.; res. cap., 1,500,000 gals., loc. Prospect av.; mains, cem. lined, c. i. & wrt. i., 43 1-5 m., 1 to 16 in. dia.; 160 hyd.; 360 v.; met., 297; 3,023 serv.; pipe, wrt. i. & cem. lined; pres., dom. 30 lbs., f. 70 lbs.; wks. owned by town.

ROCKDALE, p. included in Leicester. F. dept.—1 str., 1 hose cart; wh. al.; 12 vol.

ROCKLAND, p. 6,928; f. area, 6,400 a.; merc.

bldgs., bk. & wd., $2\frac{1}{2}$ stor.; priv., wd., $1\frac{1}{2}$ & $2\frac{1}{2}$ stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 1 auto. h. & l. trk., 1 h. & l. trk., 2 hose car., reels, &c., 8 hired hrs.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 395 ft.; tot. hose, 3,895 ft.; f. al., Gamewell, 30 bx.; val. equip., \$15,000; val. bldgs., \$4,500; exp. dept., \$5,000; tot. mem., 70, pd. part time; undra. rating, second class.

Water Supply—Src., pond, 6 m. bus. cent.; sys., pump to stdp.; stdp. cap., 367,163 gals.; pump. eng., cap. day 4,500,000 gals.; mains, iron, 22 $\frac{1}{2}$ m., 4 to 16 in. dia.; 148 hyd.; 93 v.; met., 275; 1,175 serv.; pipe, iron; pres., dom. 75 lbs., f. 75 lbs.; cons. day, 811,827 gals.; cost, \$137,000; cost mtce., \$6,972.65; wks. owned by city.

ROCKPORT, p. 4,211; f. area, 4,250 a.; merc. bldgs., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 str., 4 c. hand ex., 1 h. & l. trk., 2 supply wag., 4 hose car.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 300 ft.; tot. hose, 4,800 ft.; f. al., Gamewell; val. equip., \$10,000; val. bldgs., \$3,000; exp. dept., \$2,200; tot. mem., 55, pd. full time 5, vol. 50.

Water Supply—Src., pond, $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 317,000 gals.; dim., 30 x 60, loc. 700 ft. station; mat., stl.; 2 pump. eng., class comp. dup., size 8 x 16 x 10, cap. day 2,000,000 gals.; mains, c. i., 14 $\frac{1}{2}$ m., 4 to 10 in. dia.; 130 hyd.; pipe, galv. i.; pres., dom. 80 lbs., f. 100 lbs.; cons. day, 227,431 gals.; cost, \$175,000; wks. owned by town.

ROYALSTON, p. 903. F. dept.—1 c. eng., 1 hand eng., 79 hand ex.; bell al.; 27 vol.

RUTLAND, p. 1,718; f. area, 3,840 a.; merc. bldgs., wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—24 c. hand ex., 1 h. & l. trk., 1 auto. trk.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$1,000; tot. mem., 30 vol.

Water Supply—Src., lake, $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 221,000 gals.; mat., iron; 2 pump. eng., cap. day 1,105,000 gals.; mains, iron, 3 $\frac{1}{2}$ m., 4 to 12 in. dia.; 27 hyd.; 114 serv.; 65 met.; 5 v.; pipe, galv. i.; pres., dom. & f. 62 lbs.; cost, \$30,000; cost mtce., \$1,300; wks. owned by town.

SALEM, p. 42,697; f. area, 4,800 a.; merc. bldgs., bk. & wd., $2\frac{1}{2}$ to 4 stor.; priv., wd., $2\frac{1}{2}$ & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 1 chief's auto., 1 auto. comb. pump. c. & h. wag., 1 auto. comb. c. & hose wag., 1 comb. c. & hose wag., 14 c. hand ex. (10 in reserve), 1 c. eng. (in reserve), 1 h. & l. trk., 1 aer. trk., 4 hose wag., 25 hrs.; hose, cot., rub. lined, gd., 17,000 ft.; f. al., elec., 89 bx.; exp. dept., \$27,072; tot. mem., 109, pd. full time 29, pd. part time 50.

Water Supply—Src., lake, 4 m. bus. cent.; sys., pump to res. & dir.; res. cap., 20,000,000 gals., loc. at Beverly, Mass.; 2 pump. eng., class hor. comp., cap. day 10,000,000 gals.; mains, c. i., cem. lined, 69 m., 4 to 36 in. dia.; 546 hyd.; 923 v.; met., 249; 7,500 serv.; pipe, galv. i. & lead; pres., dom. 18 to 62 lbs., f. 18 to 62 lbs.; cons. day, 3,889,500 gals.; cost, \$1,964,388.49; cost mtce., \$38,477; wks. owned by city.

SALISBURY, p. 1,662; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 4 c. eng., 18 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, rub. lined, gd., 900 ft.; f. al., bell; val. equip., \$2,000; exp. dept., \$824; tot. mem., 80 vol.

Water Supply—Src., wells, ponds & strma.

SANDWICH, p. 1,448; merc. bldgs., wd., $1\frac{1}{2}$ & 2 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 1 hose car.; hose, lined, gd., 450 ft.; inf., 50 ft.; tot. hose, 500 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., wells & ponds, supplied by spr.

SAUGUS, p. 8,047; f. area, 11 $\frac{1}{2}$ sq. m.; merc. bldgs., wd. & bk., 1 to 4 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—25 c. hand ex., 1 auto. comb. c. & l. trk., 1 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bell, 32 bx.; val. equip.

\$12,000; val. bldgs., \$7,000; exp. dept., \$4,600; tot. mem. 56, pd. part time 44, vol. 12.

Water Supply—Src., supplied by Lynn Waterwks. Co., 3½ m. bus. cent.; sys. pump to res.; mains, iron, 45 m., 4 to 12 in. dia.; 163 hyd.; 1,587 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 70 lbs.; cost, \$220,000; wks. owned by town.

SAXONVILLE. (See Framingham.)

SCITUATE, p. 3,500; f. area, 4,500 a.; merc. bldgs., wd., 1 to 2½ stor.; priv., wd.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—3 h. & 1 trk., 80 c. hand ex., 2 hose wag., 5 hose car., 4 hrs.; hose, 5,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$10,500; exp. dept., \$1,000; tot. mem., 110.

Water Supply—Src., pond & wells, in bus. cent.; sys. pump to stdp.; stdp. cap., 275,000 gals.; dim., 25 x 75; mat., wtl.; 4 pump. eng.; cap. day, 800,000 gals.; mains, c. i., 30 m., 4 to 12 in. dia.; 140 hyd.; 25 met.; 1,000 serv.; pipe, galv. i.; pres., dom. & f. 65 lbs.; cons. day, 96,000 gals.; wks. owned by private Co.

SECONK, p. 2,397. F. dept.—1 c. eng., 1 h. & 1 trk., equipped with double hand pumps & hose; val. equip., \$1,000; val. bldgs., \$6,000; tot. mem., 60 vol.

Water Supply—Wells & riv.

SHARON, p. 2,060; merc. bldgs., wd., 2½ & 3 stor.; priv., wd., 2 & 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 comb. h. & 1 wag., 2 c. hand ex., 1 hose wag., 1 hose car., 2 hrs., hired; hose, cot., rub. lined, gd., 2,400 ft.; inf., 500 ft.; tot. hose, 2,900 ft.; f. al., Gamewell, 13 bx.; val. equip., \$1,600; val. bldgs., \$2,000; exp. dept., \$1,750; tot. mem. 36, pd. part time.

Water Supply—Src., spr. & well, 2-8 m. bus. cent.; sys. pump to stdp.; stdp. cap., 188,000 gals.; dim., 20 x 80; mat., iron; 2 pump. eng., class comp., cap. day, 1,500,000 gals.; mains, c. & wrt. l., 18 m., 2 to 12 in. dia.; 116 hyd.; 127 v.; met., 8; 522 serv.; pipe, lead; pres., dom. & f., 35 to 93 lbs.; cons. day, 145,000 gals.; cost, \$116,000; cost mtce., \$3,800; wks. owned by town.

SHEFFIELD, p. 1,782; merc. bldgs., wd.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; tot. mem., 80 vol.

Water Supply—Src., spr.; grav.; res. cap., 500,000 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 21 hyd.; 100 serv.; pres., dom. 45 lbs., f. 80 lbs.; cost, \$28,000; cost mtce., \$800; wks. owned by Co.

SHELBURNE FALLS, p. 1,515; f. area, 300 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 hand eng., 2 c. eng., 3 c. hand ex., 1 h. & 1 trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell, 7 bx.; val. equip., \$9,000; val. bldgs., \$2,000; exp. dept., \$1,000; tot. mem., 70 vol.

Water Supply—Src., mountain watershed; sys., grav.; stdp. cap., 7,000,000 gals.; mains, wrt. l., 10-4-5 m., 2 to 10 in. dia.; 62 hyd.; pres., dom. 110 to 130 lbs., f. 140 to 150 lbs.; cost, \$83,000; wks. owned by Co.

SHERBORN, p. 1,379; merc. bldgs., wd. F. dept.—20 c. hand ex.; f. al., bell; tot. mem., 10 vol.

Water Supply—Not reported.

SHIRLEY, p. 1,692; f. area, 9,328 a. F. dept.—1 hand eng., 1 c. eng., 16 c. hand ex., 1 h. & 1 trk., 1 hose car., 2 hrs., hired; hose, cot., rub. lined, gd., 1,900 ft.; rub., gd., 1,000 ft.; inf., 200 ft.; tot. hose, 3,100 ft.; f. al., Gamewell, 8 bx.; val. equip., \$1,600; val. bldgs., \$1,800; exp. dept., \$700; tot. mem. 13, pd. part time.

Water Supply—Src., well, ½ m. bus. cent.; sys. pump to res. & dir.; res. cap., 200,000 gals., loc. ½ m. cent. of town; 1 pump. eng., class trip., cap. day, 120,000 gals.; mains, c. i., 6-9 m., 6 to 10 in. dia.; 80 hyd.; 73 v.; met., 246; 247 serv.; pipe, iron & cem. lined; pres., dom. & f. 75 lbs.; cons. day, 66,227 gals.; cost, \$56,284; cost mtce., \$2,153; wks. owned by village.

SHREWSBURY, p. 1,866; merc. bldgs., wd., 2 stor.; priv., wd.; wd. rfs. perm. in f. area. F. dept.—2 hand eng., 11 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 250 ft.; tot. hose, 1,250 ft.; f. al., wh.; exp. dept., \$100; vol.

Water Supply—Src., wells, in bus. cent.; sys.

pump to tk.; res. cap., 216,000 gals.; pump. eng., cap. day 18,000 gals.; mains, c. i., 1 m.; 2 hyd.; pres., dom. 85 lbs., f. 85 lbs.; cost, \$5,000; cost mtce., \$500; wks. owned by town.

SOMERSET, p. 2,798; bldgs., wd., 2½ stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 1 c. eng., 1 hose car., reel, &c.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$4,000; exp. dept., \$200; tot. mem., 65 vol.

Water Supply—Src., riv., near bus. cent. Will install artesian wells, with pumps, tk., &c., for water supply of town.

SOMERVILLE, p. 77,236; f. area, 2,240 a.; merc. bldgs., bk. & wd., 1 to 10 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 1 c. eng., 29 c. hand ex., 3 h. & 1 trk., 4 comb. c. & h. wag., 1 comb. h. & 1 trk., 6 hose wag., 40 hrs.; hose, cot., rub. lined, gd., 10,500 ft.; f. al., Gamewell, 122 bx.; val. equip., \$70,000; val. bldgs., \$200,000; exp. dept., \$93,000; tot. mem. 106, pd. full time 67, pd. part time 39.

Water Supply—Src., riv.; mains, c. i., 97 m., 4 to 20 in. dia.; 1,100 hyd.; 1,540 v.; met., 7,150; 12,600 serv.; pipe, lead & wrt. l.; pres., dom. & f. 35 to 100 lbs.; cost, \$950,000; cost mtce., \$30,000; wks. owned by city.

SOUTHBORO, p. 1,931. F. dept.—2 c. eng., 1 hand eng., 36 hand c. ex., 2 h. & 1 trk., 1 hose car.; hose, 1,000 ft.; tot. mem., 75, pd. part time; val. equip., \$2,000; exp. dept., \$500.

Water Supply—Src., wells.

SOUTHBRIDGE, p. 12,592; merc. bldgs., stn., bk. & wd., 3 to 5 stor.; priv., stn., bk. & wd., 3 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 comb. h. & c. wag., 2 str., 1 hand eng., 4 c. hand ex., 2 h. & 1 trk., 2 hose wag., 3 hose car., 14 hrs.; hose, cot., rub. lined, gd., 3,800 ft.; inf., 150 ft.; tot. hose, 3,950 ft.; f. al., wh., 23 bx.; val. equip., \$12,000; val. bldgs., \$40,000; exp. dept., \$5,620; tot. mem. 65, pd. part time.

Water Supply—Src., Metropolitan, 3 m. bus. cent.; sys., grav.; 4 res., cap. 355,594,000 gals., loc. 1 m. cent. of town; mains, c. i., 4 to 16 in. dia.; 106 hyd.; met., 19; 963 serv.; pipe, galv. i. & lead; pres., dom. 75 to 112 lbs., f. 78 to 112 lbs.; wks. owned by Co.

SOUTHFIELD—F. dept. not reported.

Water Supply—Src., brook, village mills; sys., grav.; stdp. cap., 500 gals., loc. 1 m. east village; mains, iron, 2 in. dia.; 40 serv.; pipe, iron; pres., dom. 50 lbs., f. 80 lbs.; cost, \$1,000.

SOUTH FRAMINGHAM. (See Framingham.)

Water Supply—Src., pond, 1 m. bus. cent.; sys., grav., pump to stdp.; stdp. cap., 750,000 gals.; dim., 40 x 81, loc. on hill; mat., stl.; 2 pump. eng., cap. day 1,600,000 gals.; mains, c. i., 2 to 16 in. dia.; 163 hyd.; met., 849; 1,525 serv.; pipe, lead & galv. i.; pres., dom. 90 lbs., f. 90 lbs.; cons. day, 600,000 gals.; wks. owned by Co.

SOUTH HADLEY FALLS, p. 4,894; f. area, 2,500 a.; merc. bldgs., wd., 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 500 ft.; tot. hose, 4,000 ft.; f. al., bell, 12 bx.; exp. dept., \$1,200; tot. mem. 35, pd. part time 25, vol. 10.

Water Supply—Src., brook and wells; sys., grav.; 2 res.; res. cap., 39,000,000 gals.; mains, iron, 16½ m., 4 to 12 in. dia.; 121 hyd.; 62 v.; met., 37; 600 serv.; pipe, lead; pres., dom. 37 lbs., f. 70 lbs.; cost, \$101,000; cost mtce., \$3,000; wks. owned by f. district.

SPENCER, p. 6,740; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 17 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose car., reels, &c., 8 hrs., hired; hose, cot., rub. lined, gd., 6,000 ft.; f. al., wh.; val. equip., \$15,000; val. bldgs., \$10,000; exp. dept., \$4,000; tot. mem. 75, pd. part time; undrr. rating, second class.

Water Supply—Src., pond, 3 m. bus. cent.; sys., grav. to stdp.; stdp. cap., 360,000 gals.; mains, iron, 17 m., 2 to 16 in. dia.; 100 hyd.; 880 serv.; pres., dom. 60 lbs., f. 115 lbs.; cons. day, 450,000 gals.; cost, \$267,000; wks. owned by city.

SPRINGFIELD, p. 88,926; merc. bldgs., stn. & bk., 1 to 7 stor.; priv., wd., 2½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 str., 36 c. hand ex., 4 aer. trk., 3 h. & l. trk., 13 comb. c. & h. wag., 35 hrs.; hose, cot., rub. lined, gd., 28,000 ft.; f. al., elec., 207 bx.; val. equip., \$314,788; val. bldgs., \$362,600; exp. dept., \$240,000; tot. mem. 177, pd. full time 174, pd. part time 3.

Water Supply—Src., Little riv., 14 m. bus. cent.; sya., grav.; res. cap., 2,600,000,000 gals., loc. beyond Westfield; mains, wrt. i., c. i. & stl., 195 m., 4 to 54 in. dia.; 1,573 hyd.; 3,590 v.; met., 9,970; 13,407 serv.; pipe, galv. & wrt. i.; pres., 144 lbs.; cons. day, 10,661,000 gals.; cost, old supply & distribution \$2,959,778, new supply \$1,989,137; tot. cost, \$4,948,915; cost mtce., \$128,850; wks. owned by city.

STERLING, p. 1,315; merc. bldgs., wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline eng., 3 hand eng., 16 c. hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,400 ft.; val. bldgs., \$1,500; exp. dept., \$528; f. al., bell; val. equip., \$4,000; tot. mem., 21 vol.

Water Supply—Src., wells. No waterwks. sya.

STOCKBRIDGE, p. 2,081; f. area, 2,240 a.; merc. bldgs., bk. & wd., 3½ stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 chief's auto., 4 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$50; tot. mem., 35 vol.

Water Supply—Src., lake, 2½ m. bus. cent.; sya., pump to stdp.; 2 stdps., cap. 250,000 gals.; 5 pump. eng., cap. day, 1,400,000 gals.; mains, c. i., 7 m., 6 to 10 in. dia.; 41 hyd.; pres., dom. 90 lbs., f. 90 lbs.; cons. day, 300,000 gals.; wks. owned by Co.

STONEHAM, p. 7,090; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 supply wag., 8 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 auto. comb. c. & h. wag.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 1,500 ft.; tot. hose, 6,000 ft.; f. al., bell & wh., 28 bx.; val. equip., \$18,000; val. bldgs., \$5,000; exp. dept., \$5,400; tot. mem. 45, pd. full time 1, pd. part time 44.

Water Supply—Src., Metropolitan, 1 m. bus. cent.; sya., pump to res.; res. cap., 2,500,000 gals.; 2 pump. eng., cap. day, 30,000,000 gals.; mains, c. i., cem. lined, 26 m., 4 to 20 in. dia.; 110 hyd.; met., 400; 1,440 serv.; pipe, lead lined & iron; pres., dom. 70 lbs., f. 70 lbs.; cost, \$125,000; cost mtce., \$18,000; wks. owned by town.

STOUGHTON, p. 6,316; f. area, 1,280 a.; merc. bldgs., wd., 2 to 3 stor.; priv., wd.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 16 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., Gamewell, 21 bx.; val. equip., \$11,000; val. bldgs., \$75,000; exp. dept., \$5,000; tot. mem. 40, pd. part time.

Water Supply—Src., pond; sya., grav. & pump to stdp.; stdp. cap., 318,000 gals.; dim., 30 x 60; mat., iron; 2 pump. eng., cap. day, 2,000,000 gals.; mains, c. i., 26 2-3 m., 4 to 12 in. dia.; 306 hyd.; met., 820; 1,210 serv.; pipe, iron; pres., dom. 40 lbs., f. 25 to 100 lbs.; cons. day, 246,660 gals.; cost, \$308,506; cost mtce., \$115,351; wks. owned by town.

STURBRIDGE, p. 1,974. F. dept.—3 c. eng., 2 hose reels, 12 hand ex.; val. equip., \$700; vol.

Water Supply—Src., wells & spr.

SUNDERLAND, p. 910. F. dept.—20 hand ex., 300 ft. hose; val. equip., \$50; vol.

SWAMPSCOTT, p. 6,024; f. area, 1,676 a.; merc. bldgs., wd., 1 & 2½ stor.; priv., wd., 1½ & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. c. & h. wag., 1 str., 1 hand eng., 2 c. eng., 10 c. hand ex., 1 h. & l. trk., 2 hose wag., 5 hose car., 3 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 500 ft.; tot. hose, 5,500 ft.; f. al., bell & wh., 30 bx.; val. equip., \$43,110; val. bldgs., \$16,900; exp. dept., \$16,800; tot. mem. 48, pd. full time 8, pd. part time 40, vol. 4.

Water Supply—Src., Metropolitan, 90 m. bus. cent.; sya., pump dir. to mains; stdp. cap., 700

gals. min.; dim., 65 x 40; mat., stl.; 2 pump. eng., cap. day 1,256,000 gals.; mains, c. i., 30 m., 4 to 12 in. dia.; 153 hyd.; 298 v.; 1,700 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 84 lbs.; cost, \$180,779; cost mtce., \$7,250; wks. owned by town.

TAUNTON, p. 34,259; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 1½ to 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 4 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 32 c. hand ex., 3 h. & l. trk., 1 aer. trk., 3 hose wag., 3 hose car., 23 hrs.; hose, cot., rub. lined, gd., 13,600 ft.; inf., 500 ft.; tot. hose, 14,100 ft.; f. al., Gamewell, 117 bx.; val. equip., \$130,000; val. bldgs., \$75,000; exp. dept., \$51,146; tot. mem. 126, pd. full time 30, pd. part time 60, vol. 36.

Water Supply—Src., ponds, 12 m. bus. cent.; also 8 f. cisterns in merc. district, cap., 40,000 to 50,000 gals. each; sya., grav. & pump to res.; res. loc. at Lakeville; 4 pump. eng., cap. day 20,000,000 gals.; mains, c. i., 92½ m., 4 to 20 in. dia.; 1,007 hyd.; 715 v.; met., 2,988; 5,400 serv.; pipe, cem. lined & c. i., tin lined; pres., dom. 70 lbs., f. 100 lbs.; cons. day, 2,367,747 gals.; cost, \$1,451,920; cost mtce., \$40,000; wks. owned by city.

TEMPLETON, p. 3,756; f. area, 2,000 a.; merc. bldgs., bk. & wd., 1½ to 3 stor.; priv., bk. & wd., 1½ to 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 4 hand eng., 6 c. hand ex., 1 h. & l. trk., 2 hose wag., 4 hose car.; hose, cot., rub. lined, gd., 5,400 ft.; inf., 1,000 ft.; tot. hose, 6,400 ft.; f. al., bell & wh., 8 bx.; val. equip., \$12,500; val. bldgs., \$6,000; exp. dept., \$3,300; tot. mem. 156, pd. part time & vol.

Water Supply—Src., riv. & wells.

TEWKSBURY, p. 3,750; f. area, 1,200 a. F. dept.—1 hose wag., ladders, &c.; 30 hand ex.; val. equip., \$1,500; exp. dept., \$200 to \$300; vol.

Water Supply—No wks.

THREE RIVERS, p. 2,500; f. area, 1 sq. m. merc. bldgs., wd., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose reel, c. hand ex., 8 nozzels, ladders, ropes, hand ex., &c.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell, 7 bx.; val. equip., \$6,500; tot. mem., 18, pd. part time.

Water Supply—Src., riv., 1 m. bus. cent.; sya., pump to res.; res. cap., 1,000,000 gals.; 2 pump. eng.; cap. min., 2,000 gals.; mains, 1 m.; pres. f. 60 to 125 lbs.; wks. owned by Co. & city.

TOPSFIELD, p. 1,150; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & l. trk.; f. al., bell; val. equip., \$1,500; val. bldgs., \$350; exp. dept., \$150; tot. mem. 8, pd. part time.

Water Supply—Src., wells & riv.

TOWNSEND, p. 1,772. F. dept.—2 str., 1 hand eng., 54 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; exp. dept., \$1,000; tot. mem., 60 vol.

Water Supply—Src., riv., in bus. cent.; res. cap., 15,000 gals.; pump. eng., cap. day, 360,000 gals.; wks. owned by private Co.

TURNER'S FALLS, p. 5,500; f. area, 640 a.; bldgs., bk. & wd., 1, 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 comb. c. & h. wag., 4 hose carts; hose, cot., rub. lined, gd., 3,800 ft.; f. al., elec., 16 bx.; exp. dept., \$1,200; tot. mem. 35, pd. part time.

Water Supply—Src., lake, 6 m. bus. cent.; sya., pump to res.; res. cap., 1,270,000 gals., loc. at Wills Hill in Montague; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 15 m., 2 to 16 in. dia.; 86 hyd.; 132 v.; met., 32; 567 serv.; pipe, galv. i.; pres., dom. 50 to 136 lbs., f. 50 to 136 lbs.; cons. day, 618,004 gals.; cost, \$149,760; cost mtce., \$6,588; wks. owned by f. district.

UPTON, p. 2,000; f. area, 3,200 a.; merc. bldgs., wd., 1½ stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 hose wag., 6 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 hose car., 6 hrs.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., wh. & bell, 6 bx.; val. equip., \$2,000; val. bldgs., \$2,500; exp. dept., \$844; tot. mem., 28, pd. part time.

Water Supply—Src., spr. & wells; no waterwks. sya.

UXBRIDGE, p. 4,671; merc. bldgs. bk. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—2 hand eng., 1 c. eng., 14 c. hand ex., 1 h. & l. trk., 7 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 100 ft.; tot. hose, 3,100 ft.; f. al., wh.; val. bldgs., \$2,500; exp. dept., \$1,490; tot. mem. 58, pd. part time.

Water Supply—Src., spr., $1\frac{1}{2}$ m. bus. cent.; sys., grav. & pump to res.; res. cap., 900,000 gals.; loc. on hill; 2 pump. eng., class, trip.; cap. day, 900,000 gals.; mains, c. i., 12 1-5 m., 6 to 12 in. dia.; 130 hyd.; 119 v.; met., 356; 423 serv.; pres., f. 60 to 128 lbs.; cons. day, 210,000 gals.; cost, \$130,500; cost mtce., \$5,841; wks. owned by city.

VINEYARD HAVEN, p. 806; f. area, 150 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—2 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bells; val. equip., \$1,500; exp. dept., \$160; tot. mem., 52 vol.

Water Supply—Src., spr.; sys., pump to stdp.; stdp. cap., 117,500 gals.; dim. 20 x 50; 2 pump. eng., class comp. cond., cap. day 2,000,000 gals.; mains, c. i., $9\frac{1}{2}$ m., 4 to 14 in. dia.; 45 hyd.; 100 v.; met., 4; 450 serv.; pipe, lead & galv. i.; pres., dom. 40 lbs.; f. 40 to 80 lbs.; cost, \$100,000; cost mtce., \$2,500; wks. owned by city.

WAKEFIELD, p. 11,404; f. area, 4,000 a.; merc. bldgs., wd. & bk., 1 to 5 stor.; priv., wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. hose wag., 2 str., 12 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 auto. comb. c. & h. wag., 1 auto. triple comb. pump. eng., 8 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 2,000 ft.; tot. hose, 8,000 ft.; f. al., elec., 46 bx.; val. equip., \$23,000; val. bldgs., \$27,000; exp. dept., \$12,000; tot. mem. 52, pd. full time 6, pd. part time 46.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 565,000 gals.; dim. 40 x 62; mat., iron; 2 pump. eng., cap. day 3,800,000 gals.; mains, cem. lined & iron, 47 m., 2 to 16 in. dia.; 143 hyd.; met., 1,800; 2,800 serv.; pipe, iron & lead; pres., dom. 87 lbs.; f. 87 lbs.; cons. day, 656,919 gals.; cost, \$235,000; cost mtce., \$14,500; wks. owned by town.

WALPOLE, p. 4,892; f. area, 4,480 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 12 c. hand ex., 2 h. & l. trk., 3 hose wag., 2 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 500 ft.; tot. hose, 4,000 ft.; f. al., bell & wh., 45 bx.; val. equip., \$4,500; val. bldgs., \$15,000; exp. dept., \$3,500; tot. mem., 50, pd. part time.

Water Supply—Src., wells, $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 750,000 gals.; dim., 40 x 45, 25 x 45, 20 x 35; mat., stl.; 2 pump. eng., class, comp. dup.; cap. day, 1,500,000 gals.; mains, c. i., 29.44 m., 6 to 12 in. dia.; 219 hyd.; 115 v.; met., 700; 1,025 serv.; pipe, cement lined; pres., dom. & f. 75 lbs.; cons. day, 564,187 gals.; cost, \$180,000; cost mtce., \$5,000; wks. owned by town.

WALTHAM, p. 27,834; f. area, 7,664 a.; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 18 c. hand ex., 1 h. & l. trk., 1 aer. trk., 3 hose wag., 1 hose car., 1 comb. c. & h. wag., 1 comb. h. & c. auto., 1 chief's auto., 23 hrs.; hose, cot., rub. lined, gd., 11,000 ft.; rub., gd., 800 ft.; tot. hose, 11,800 ft.; f. al., Gamewell, 89 bx.; val. equip., \$35,000; val. bldgs., \$65,000; exp. dept., \$28,000; tot. mem. 79, pd. full time 19, pd. part time 60.

Water Supply—Src., wells, $1\frac{1}{4}$ m. bus. cent.; sys., pump to res. & dir.; 2 res., cap. 6,000,000 & 2,000,000 gals.; 4 pump. eng., cap. day 12,500,000 gals.; mains, c. i., 54 m., 4 to 24 in. dia.; 474 hyd.; 85 v.; met., 800; 2,976 serv.; pipe, wrt. i.; pres., dom. 60 lbs., f. 85 to 90 lbs.; cons. day, 2,265,575 gals.; cost, \$795,000; cost mtce., \$30,000; wks. owned by city.

WARE, p. 8,774; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 aer. trk., 7 hose car., 1 auto. comb. c. & h. wag., 4 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 19 bx.; val. equip., \$1,200; val. bldgs., \$800; exp. dept., \$5,600; tot. mem., 120 vol.

Water Supply—Src., well; sys., pump to res.; res. cap., 1,557,663 gals.; 2 pump. eng., class comp. dup., cap. day 1,500,000 gals.; mains, 12.87 m., 4 to 12 in. dia.; 125 hyd.; 134 v.; met., 778; 903 serv.; pipe, wrt. i.; pres., dom. 40 lbs., f. 35 to 100 lbs.; cons. day, 409,514 gals.; cost, \$187,843; cost mtce., \$9,975; wks. owned by town.

WAREHAM, p. 4,102. F. dept.—1 h. & l. trk., 3 hose carts, 3 hand ex.; f. al., wh., 15 bx.; exp. dept., \$550; tot. mem., 48 vol.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to stdp.; stdp. dim., 20 x 100 ft.; mat., stl.; 2 pump. eng.; c. i. mains, 4 to 10 in. dia.; 36 hyd.; met., 75; 220 serv.; pipe, wrt. i.; pres., dom. 60 lbs., f. 60 lbs.; cost, \$59,000; wks. owned by city.

WARREN, Worcester Co., p. 4,188; merc. bldgs., bk. & wd., 8 & 4 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm. F. dept.—2 str., 1 hand eng., 24 c. hand ex., 2 h. & l. trk., 2 hose wag., 4 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 1,000 ft.; tot. hose, 6,000 ft.; f. al., Gamewell, 18 bx.; val. equip., \$11,800; val. bldgs., \$6,000; exp. dept., \$2,900; tot. mem. 56, pd. part time.

No water supply.

WATERTOWN, p. 12,875; f. area, 2,051 a.; merc. bldgs., bk. & wd., 3 to 5 stor.; priv., wd. & cem., $2\frac{1}{2}$ stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 comb. trk., 1 auto. comb. c. & hose wag., 1 supply wag., 1 str., 1 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 3,700 ft.; c., 400 ft.; inf., 1,350 ft.; tot. hose, 5,450 ft.; f. al., Gamewell, 46 bx.; val. equip., \$23,900; val. bldgs., \$48,500; exp. dept., \$17,000; tot. mem. 28, pd. full time 8, pd. part time 20.

Water Supply—Src., metropolitan; sys., dir. pres.; mains, cem. & c. i., 45.25 m., 2 to 16 in. dia.; 366 hyd.; 551 v.; 2,481 met.; 2,573 serv.; pipe, c. i.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 868,500 gals.; cost, \$568,711; cost mtce., \$34,863; wks. owned by city.

WAVERLY, p. 4,500; part of Belmont.

WAYLAND, p. 2,220; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; leather, gd., 500 ft.; tot. hose, 2,100 ft.; f. al., elec., 9 bx.; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 43 vol.

Water Supply—Src. not stated; sys., grav. & pump dir.; mains, 5 m., 4 to 10 in. dia.; 38 hyd.; 12 v.; pres., f. 88 lbs.; cost, \$29,000; cost mtce., \$300; wks. owned by Co.

WEBSTER, p. 11,509; f. area, 8,000 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 19 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 auto. comb. c. & h. wag., 2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., elec., 25 bx.; val. equip., \$14,225; val. bldgs., \$15,000; exp. dept., \$4,700; tot. mem., 65.

Water Supply—Src., spr. & wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 500,000 gals.; dim., 30 x 100; mat., iron; 2 pump. eng., class comp. dup., cap. day 2,040,000 gals.; mains, c. i., 22 m., 4 to 16 in. dia.; 177 hyd.; 100 v.; met., 703; 1,185 serv.; pipe, galv. i.; pres., dom. 65 to 110 lbs., f. 65 to 110 lbs.; cons. day, 478,247 gals.; cost, \$203,900; cost mtce., \$9,625; wks. owned by town.

WELLESLEY, p. 5,413; f. area, 7,500 a.; merc. bldgs., bk., stn. & wd., $2\frac{1}{2}$ to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 comb. c. & h. wag., 1 h. & l. trk., 15 c. hand ex., 3 hose wag., 1 hose reel, 6 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 34 bx.; val. equip., \$15,000; val. bldgs., \$30,000; exp. dept., \$8,500; tot. mem., 28, pd. full time 3, 25 vol.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 1,969,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 39 m., 4 to 12 in. dia.; 354 hyd.; 303 v.; met., 888; 1,247 serv.; pipe, wrt. i.; pres., dom. 40 lbs., f. 35 to 120 lbs.; cons. day, 354,000 gals.; cost, \$401,835; cost mtce., \$6,488; wks. owned by town.

WELLFLEET, p. 958. F. dept.—1 h. & l. trk.

WENHAM, p. 900. F. dept.—1 hand eng., 25 c. ex.; tot. mem. 85, pd. part time; undra. rating, fourth class.

Water Supply—Src, cisterns.

WESTBOROUGH, p. 5,446; f. area, 12,000 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,200 ft.; tot. hose, 4,200 ft.; f. al., bell & wh., 11 bx.; val. equip., \$8,997; val. bldgs., \$18,000; exp. dept., \$2,625; tot. mem. 60, pd. part time.

Water Supply—Src, pond, 2 m. bus. cent.; sys., grav.; res. cap., 200,000,000 gals., loc. southeast town; mains, iron, 16 m., 4 to 16 in. dia.; 102 hyd.; 107 v.; met., 640; 750 serv.; pipe, iron; pres., dom. 60 lbs., f. 60 lbs.; cost, \$142,000; cost mtce., \$1,000; wks. owned by town.

WEST BOYLSTON, p. 1,571; merc. bldgs., wd. F. dept.—2 hand eng., 2 h. & l. trk., 2 hose car., 137 hand ex.; hose, 400 ft.

No water supply.

WEST BROOKFIELD, p. 1,884; f. area, 748 a.; merc. bldgs., wd., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 6 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; rub., gd., 600 ft.; inf., 800 ft.; tot. hose, 3,600 ft.; f. al., bell; val. equip., \$8,800; val. bldgs., \$600; exp. dept., \$705; tot. mem. 35, pd. part time 30, vol. 5.

Water Supply—Src, brooks, 1½ m. bus. cent.; sys., grav.; mains, iron, lead & cem.; 8 hyd.; 4 serv.; pipe, iron, lead & cem.; wks. owned by town & Co.

WESTFIELD, p. 16,044; f. area, 3,000 a.; merc. bldgs., stn., bk. & wd., 2 to 5 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 20 c. hand ex., 1 h. l. trk., 1 hose wag., 2 auto. comb. c. & h. wag., 1 hose car., 7 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., elec., 34 bx.; val. equip., \$20,000; val. bldgs., \$7,000; exp. dept., \$16,000; tot. mem. 50, pd. full time 8, pd. part time 42.

Water Supply—Src, brooks, 6 & 8 m. bus. cent.; sys., grav.; res. cap., 190,000,000 gals.; mains, c. l., 46 m., 4 to 20 in. dia.; 255 hyd.; pres., f. 120 lbs.; cost, \$525,000; cost mtce., \$2,500; wks. owned by town.

WESTFORD, p. 2,700; f. area, 18,000 a.; merc. bldgs., bk., stn. & wd., 4 stor.; priv. bk. & wd., 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose wag., 3 hose reels, 80 hand ex.; hose, cot., rub. lined, gd., 2,800 ft.; inf., 200 ft.; tot. hose, 3,000 ft.; f. al., bell & telp.; val. equip., \$4,200; val. bldgs., \$3,800; exp. dept., \$600; tot. mem., 40, pd. part time.

Water Supply—Src, wells, 1 m. bus. cent.; sys., pump; 1 pump. eng.; 50 hyd.; pres., dom., 50 lbs., f. 90 lbs.; cost, \$90,000; wks. owned by priv. Co.

WESTMINSTER, p. 1,346; f. area, 2,200 a.; bldgs., stn., bk. & wd., 2 stor.; wd. rfs. perm. F. dept.—3 hand eng., 3 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell & wh.; val. equip., \$700; val. bldgs., \$700; exp. dept., \$250; tot. mem., 60 vol.

Water Supply—Src, spr.; sys., grav.; res. cap., 20,000 gals.; mains, 1 m., 2½ in. to 6 in. dia.; pres., f. 30 lbs.; cost, \$8,000; wks. owned by Co.

WEST NEWBURY, p. 1,405; merc. bldgs., wd., 1¼ to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 2,750 ft.; inf., 1,150 ft.; tot. hose, 3,900 ft.; f. al., bell & telp.; val. equip., \$2,500; val. bldgs., \$1,750; exp. dept., \$272.33; tot. mem., 16 vol.

Water Supply—Src, riv. & wells; 9 res., cap. 288,604 gals. each.

WESTON, Middlesex Co., p. 2,094; merc. bldgs., wd., 3 stor.; priv., wd., 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 h. & l. trk., 2 hose car., reels, &c., 7 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 20 bx.; val. equip., \$3,500; val. bldgs., \$10,000; exp. dept., \$2,500; tot. mem., 48 vol.

Water Supply—Src, wells, 1½ m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals.; loc. 1½ m. from wells; 4 pump. eng., class trip., cap. dia., 85 hyd.; 60 v.; met., 225; 800 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 50 lbs.; cons. day,

150,000 gals.; cost, \$110,000; cost mtce., \$8,000; wks. owned by private Co.

WEST SPRINGFIELD, p. 9,224; f. area, 4,480 a.; merc. bldgs., wd., 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 6 c. hand ex., 2 h. & l. trk., 1 supply wag., 1 hose wag., 4 hose car., reels, &c., 1 hrs.; hose, cot., rub. lined, gd., 5,500 ft.; rub., gd., 250 ft.; inf., 400 ft.; tot. hose, 6,150 ft.; f. al., Gamewell, 22 bx.; val. equip., \$10,000; val. bldgs., \$11,500; exp. dept., \$4,000; tot. mem. 58, pd. part time 46, vol. 12.

Water Supply—Src, brook; sys., grav. & pumps to res.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 40 m.; 221 hyd.; 1,600 serv.; pres., dom. 35 lbs., f. 95 lbs.; cost, \$415,000; wks. owned by town.

WEST STOCKBRIDGE, p. 1,023; no f. dept.

Water Supply—Src, wells & spr., 1 m. bus. cent.; sys., grav.; res. cap., 4,000 & 5,000 gals.; mains, iron, 2 m., 3 to 8 in. dia.; 4 v.; 50 serv.; pipe, galv. i.; pres., dom. 110 lbs.; cost, \$4,000; wks. owned by Co.

WESTWOOD, p. 1,136. F. dept.—3 hand eng., 26 hand ex., 1 hose cart, 1 comb. wag., fully equipped, 2 hrs.; hose, 2,400 ft.; tot. mem. 63, pd. part time; val. equip., \$6,000; exp. dept., \$1,300.

Water Supply—Src, 10 res.; res. cap., 10,000 gals. each.

WEYMOUTH, p. 12,895; f. area, 12,000 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—2 str., 1 c. eng., 19 c. hand ex., 4 h. & l. trk., 7 hose wag., 1 auto. comb. c. & h. wag.; hose, cot., rub. lined, gd., 10,300 ft.; inf., 500 ft.; tot. hose, 10,800 ft.; f. al., Gamewell, 49 bx.; val. equip., \$14,000; val. bldgs., \$12,000; exp. dept., \$7,000; tot. mem., 155 vol.

Water Supply—Src, pond; sys., grav., pump to stdp. & dir.; stdp. cap., 700,000 gals.; 2 pump. eng., cap. day, 3,000,000 gals.; mains, iron, 93 m., 1 to 20 in. dia.; 425 hyd.; 531 v.; met., 17; 3,096 serv.; pipe, lead; pres., dom. 65 lbs., f. 110 lbs.; cost, \$507,958.69; cost mtce., \$45,346.14; wks. owned by town.

WHITINSVILLE, p. 4,000; merc. bldgs., bk. & wd., 2½ to 4 stor.; priv., wd., 1¼ & 2½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 8 hose car.; hose, cot., lined, gd., 1,000 ft.; f. al., wh., 23 bx.; exp. dept., \$1,000; tot. mem., 52, pd. part time.

Water Supply—Src, spr. & brook, ¼ m. bus. cent.; sys., pump to res.; res. cap., 50,000,000 gals.; 2 pump. eng., cap. day, 432,000 gals.; mains, 8 m., 4 to 16 in. dia.; 165 hyd.; 1,050 serv.; 172 v.; pipe, wrt. i.; pres., dom. 45 lbs., f. 110 lbs.; cons. day, 400,000 gals.; wks. owned by private Co.

WHITMAN, p. 7,292; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 1 c. eng., 3 hose wag., 10 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 500 ft.; tot. hose, 6,500 ft.; f. al., Gamewell, 83 bx.; val. equip., \$8,000; val. bldgs., \$28,500; exp. dept., \$6,905; tot. mem., 58 vol.

Water Supply—Src, lake, 9 m. bus. cent.; sys., pump to stdp.; stdp. cap., 240,000 gals.; dim., 20 x 105; mat., iron; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. i. & cem. lined, 28 m., 4 to 16 in. dia.; 192 hyd.; 150 v.; met., 1,150; 1,450 serv.; pipe, galv. i.; pres., dom. 60 to 100 lbs., f. 60 to 100 lbs.; cons. day, 175,000 gals.; cost, \$203,021; cost mtce., \$13,518; wks. owned by town.

WILLIAMSBURG, p. 1,943; f. area, 400 a.; merc. bldgs., bk. & wd., 2½ stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hand eng., 1 c. eng., 2 c. hand ex., 4 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 700 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$650; tot. mem. 40, pd. part time.

Water Supply—Src, brook, 1½ to 3 m. bus. cent.; sys., grav.; res. cap., 9,702,350 gals.; mains, iron, 4 to 8 in. dia.; 57 hyd.; 20 v.; 1 met.; 250 serv.; pipe, iron; pres., dom. 80 to 115 lbs., f. 80 to 115 lbs.; cost, \$50,000; wks. owned by town.

WILLIAMSTOWN, p. 2,708; f. area, 670 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. &

wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., elec., 18 bx.; val. equip., \$5,000; exp. dept., \$6,000; tot. mem., 38 vol.

Water Supply—Src., spr., 3 m. bus. cent.; aya., grav.; res. cap., 14,500,000 gals., loc. foot of Mt. Williams; mains, iron, 10 m., 2 to 10 in. dia.; 65 hyd.; 50 v.; pipe, iron; pres., dom. 100 lbs., f. 165 lbs.; wks. owned by Co.

WILMINGTON, p. 1,900; f. area, 5 sq. m. F. dept.—2 hose wag., 2 comb. hand tubs, 5 c. hand ex., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., telp.; val. equip., \$3,500; val. bldgs., \$1,500; exp. dept., \$1,000; tot. mem., 30 vol. No waterworks.

WINCHENDON, p. 5,678; f. area, 2½ sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. c. & h. wag., 20 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hand reels, 2 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., bell & wh., 20 bx.; val. equip., \$14,550; val. bldgs., \$5,600; exp. dept., \$4,600; tot. mem., 40, pd. part time.

Water Supply—Src., wells, 2 m. bus. cent.; aya., pump to res.; res. cap., 500,000 gals., loc. Benjamin hill; 2 pump. eng., class comp. dup., cap. day 2,500,000 gals.; mains, c. l., 28.82 m., 2 to 14 in. dia.; 173 hyd.; 231 v.; met., 776; 927 serv.; pipe, wrt. l.; pres., dom. 40 to 163 lbs., f. 90 to 140 lbs.; cons. day, 196,978 gals.; cost, \$180,906; cost mtce., \$10,605; wks. owned by town.

WINCHESTER, p. 9,809; f. area, 1,500 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 8 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 auto. comb. c. & h. wag., 8 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., elec., 41 bx.; val. equip., \$14,000; val. bldgs., \$4,000; exp. dept., \$11,600; tot. mem., 32, pd. full time 8, pd. part time 24, vol. 2.

Water Supply—Src., surface water; aya., grav., pump to stdp.; stdp. cap., 200,000 gals.; mat., stl.; stdp. cap., 400,000 gals.; mat., cem., loc. on west side of town; res. cap., 398,000,000 gals.; pump. eng., class dup., cap. day 2,000,000 gals.; mains, c. l., 85 m., 2 to 24 in. dia.; 800 hyd.; 406 v.; met., 880; 1,800 serv.; pipe, lead, iron & cem. lined; pres., dom. 35 to 60 lbs., f. 35 to 60 lbs.; cost, \$572,871; cost mtce., \$6,750; wks. owned by town.

WINTHROP, p. 10,132; f. area; 900 a.; merc. bldgs., wd. & bk., 1 to 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 c. eng., 10 c. hand ex., 2 hose wag., 1 auto. comb. h. & l. trk., 1 chief's auto., 1 comb. c. & l. trk., 9 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., bell, 47 bx.; val. equip., \$14,600; val. bldgs., \$30,000; exp. dept., \$14,000; tot. mem., 47, pd. full time 8, pd. part time 1, vol. 38.

Water Supply—Src., Metropolitan Water Co.; aya., grav.; mains, 31.80 m., 4 to 12 in. dia.; 241 hyd.; 553 v.; 2,681 serv.; pres., f. 75 lbs.; wks. owned by town.

WOBURN, p. 15,808; f. area, 7,685 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 9 c. hand ex., 1 h. & l. trk., 6 hose wag., 1 ladder sled, 16 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 3,750 ft.; tot. hose, 9,750 ft.; f. al., Gamewell, 50 bx.; val. equip., \$38,028; val. bldgs., \$22,000; exp. dept., \$17,580; tot. mem., 65, pd. full time 5, pd. part time 60.

Water Supply—Src., wells, 1½ m. bus. cent.; aya., dir. pres.; res. cap., 5,000,000 gals.; 3 pump. eng., cap. day 9,000,000 gals.; mains, 57.4 m., 4 to 14 in. dia.; 397 hyd.; 492 v.; met. 102; 3,814 serv.; pipe, galv. l. & lead; pres., dom. 85 lbs.; cons. day, 1,856,274 gals.; cost, \$651,000; cost mtce., \$2,061; wks. owned by city.

WORCESTER, p. 145,986; f. area, 21,772 a.; merc. bldgs., stn. & bk., 8 to 9 stor.; priv., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—8 str., 1 in reserve, 2 c. eng., 1 in reserve, 72 c. hand ex., 4 h. & l. trk., 2 aer. trk., 1 in reserve, 17 hose wag., 1 in reserve, 1 supply wag., 2 exercise wag., 18 h. & ladder sleighs in reserve, 3 comb. c. & h. wag., 5 chief's wag. in reserve, 2 fuel wag. in reserve, 84 hrs., 3 in reserve; hose, cot., rub. lined, gd., 35,814 ft., 5,250 ft. in reserve; f. al., bell & wh., 277 bx.; val. equip., \$204,630; val. bldgs., \$417,913; exp. dept., \$258,209; tot. mem., 222, pd. full time 190, pd. part time 32.

Water Supply—Src., brooks, 6 to 8 m. bus. cent.; aya., grav.; res. cap., 2,550,000,000 gals., loc. Leicester, Paxton, Holden; mains, c. l.; 258,037 m., 2 to 48 in. dia.; 2,377 hyd.; 3,647 v.; met., 17,561; 18,271 serv.; pipe, wrt. stl.; pres., dom. 70 to 150 lbs., f. 70 to 150 lbs.; cons. day, 11,115,598 gals.; cost, \$5,760,100; cost mtce., \$103,258; wks. owned by city.

WRENTHAM, p. 1,428; f. area, 1,150 a.; merc. bldgs., wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 20 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car., 1 comb. c. & h. wag.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$2,000; tot. mem., 70 vol.

Water Supply—Src., 9 driven wells, situated 1¼ m. bus. cent.; aya., pump to stdp.; stdp. cap., 265,000 gals.; dim., 80 x 50 ft.; mat., stl.; 2 pumps, cap. day, 720,000 gals.; mains, c. l., 6½ m., 6 to 10 in. dia.; 84 hyd.; 16 v.; 71 met.; serv., 141; pipe, galv. l.; pres., dom. 88 lbs., f. 106 lbs.; cons. day, 44,000 gals.; cost, \$50,000; wks. owned by town.

Places with a population of 1,000 or more having no organized fire dept.—Acushnet, Auburn, Bellingham, Bourne, Brimfield, Carver, Charlemont, Chatham, Clarksburg, Dartmouth, Dennis, Dighton, Hardwick, Harwich, Holden, Lunenburg, Newbury, Norwell, Raynham, Rehoboth, Russell, Rochester, Rowley, Scituate, Sutton, Southampton, Southwick, Stow, Sudbury, Swansea, Tisbury, Wareham, West Bridgewater, Westport, West Stockbridge, Wilbraham, Yarmouth.

MICHIGAN

ADDISON, p. 474. F. dept.—Ladders, buckets. Water Supply—Src., mill pond.

ADRIAN, p. 10,763; f. area, 3,200 a.; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 in reserve, 2 comb. h. & c. wag., 1 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; rub. gd., 1,000 ft.; inf., 2,000 ft.; tot. hose, 9,000 ft.; f. al., elec., 25 bx.; val. equip., \$25,000; val. bldgs., \$15,000; exp. dept., \$8,500; tot. mem., 26, pd. full time 5, pd. part time 21.

Water Supply—Src., creek, 2½ m. bus. cent.; aya., pump to res. & dir.; res. cap., 4,000,000 gals.; 3 pump. eng., class hor., cap. day 6,000,000 gals.; mains, 22 m., 6 to 18 in. dia.; 158 hyd.; met., 423; 2,008 serv.; pres., dom. 55 lbs.,

f. 100 lbs.; cons. day, 1,288,000 gals.; cost, \$250,000; cost mtce., \$7,800; wks. owned by Co.

ALBION, p. 5,883; f. area, 1¼ m.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose cart, 4 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$3,000; exp. dept., \$3,283; tot. mem., 20, pd. full time 2, pd. part time 1, vol. 17.

Water Supply—Src., wells, ¼ block bus. cent.; aya., pump to stdp.; stdp. cap., 111,672 gals.; dim., 12 x 182, loc. in Washington Park; mat., stl.; res. cap., 122,000 gals., loc. at station; 2 pump. eng., cap. 3,100 gals. min.; mains, c. l., 23 m., 4 to 12 in. dia.; 148 hyd.; 136 v.; 1,038

serv.; pipe, galv. i. & lead; pres., dom. 76 lbs., f. 76 lbs.; cons. day, 468,546 gals.; cost, \$100,000; cost mtce., \$4,000; wks. owned by city.

ALGONAC, p. 1,204. F. dept.—1 hand pump, 1 h. & l. trk., 2 hose carts; hose, 1,600 ft.; tot. mem., 35.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 50,000 gals.; 1 pump. eng., cap. 750,000 gals. day; mains, 3½ m., 4 to 8 in. dia.; 38 hyd.

ALLEGAN, p. 3,419; f. area, 100 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 8 hose car., 1 hose wag.; hose, cot., rub. lined, gd., 2,900 ft.; inf., 300 ft.; tot. hose, 3,200 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$7,000; exp. dept., \$700; tot. mem., 56 vol.

Water Supply—Src., well, 1 block bus. cent.; sys., pump dir.; pump. eng., cap. day 3,000,000 gals.; mains, c. i., 11½ m., 4 to 16 in. dia.; 107 hyd.; 73 v.; 20 met.; 850 serv.; pipe, wrt. i.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 7,500 gals.; cost, \$100,000; cost mtce., \$2,500; wks. owned by city.

ALMA, Gratiot Co., p. 2,757; merc. bldgs., bk., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 4,000 ft.; f. al., magnetic sys.; val. equip., \$3,500; val. bldgs., \$3,500; exp. dept., \$1,500; tot. mem., 14, pd. part time.

Water Supply—Src., riv.; sys., pump dir.; pump. eng., cap. day 2,250,000 gals.; mains, 7 m., 4 to 10 in. dia., wd. & iron; 39 hyd.; met., 875; 50 serv.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$20,000; cost mtce., \$2,000; wks. owned by Co.

ALMONT, p. 675; f. area, 400 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 5,400 ft.; f. al., bell.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res.; res. cap., 69,300 gals., loc. cor. Main st. & Centennial ave.; 1 pump. eng., cap., 10 hours 10,000 gals.; mains, wd. & galv. i., 8 m., 4 to 10 in. dia.; 90 hyd.; 30 v.; 450 met.; 50 serv.; pipe, iron; pres., dom. 45 lbs., f. 90 lbs.; cons. day, 275,000 gals.; cost, \$5,000; cost mtce., \$100 to \$150; wks. owned by priv. Co.

ALPENA, p. 12,706; merc. bldgs., bk., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 str., 2 c. hand ex., 1 h. & l. trk., 2 comb. h. & c. wag., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 6,500 ft.; inf., 1,000 ft.; tot. hose, 7,500 ft.; f. al., automatic, 20 bx.; val. equip., \$12,000; val. bldgs., \$17,500; exp. dept., \$13,000; tot. mem., 19, pd. full time 10, pd. part time 9; undra. rating, second class.

Water Supply—Src., lake, 1½ m. bus. cent.; sys., pump, dir.; 2 pump. eng., cap. day, 8,000,000 gals.; mains, wd. & i., 37 m., 2 to 24 in. dia.; 243 hyd.; 3,310 serv.; pipe, lead; pres., dom. 85 lbs., f. 90 lbs.; cons. day, 2,750,000 gals.; cost, \$250,000; wks. owned by city.

ANN ARBOR, p. 14,817; f. area, 5 sq. m.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 aer. trk., 1 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 8 hose car., 10 hrs.; hose, cot., rub. lined, gd., 7,500 ft.; f. al., bell & telp.; val. equip., \$20,000; val. bldgs., \$18,000; exp. dept., \$18,000; tot. mem., 20, pd. full time.

Water Supply—Src., wells, 6 blocks bus. cent.; sys., pump to res. & dir.; res. cap., 3,000,000 gals.; 5 pump. eng., cap. day 7,000,000 gals.; mains, c. i., 50 m., 4 to 16 in. dia.; 258 hyd.; met., 300; 3,860 serv.; pipe, iron; pres., dom. 65 lbs., f. 65 lbs.; cons. day, 2,250,000 gals.; cost, \$557,000; wks. owned by Co.

ARMADA, p. 748. F. dept.—1 hand eng., 2 hand hose carts, 1,000 ft. hose; f. al., telp.; tot. mem., 25 vol.

Water Supply—Src., 4 wells, ½ m. bus. cent.; sys., grav. & dir. pres.; stdp. cap., 43,000 gals.; res. cap., 64,000 gals.; 2 pump. eng., cap. day 384,000 gals.; mains, c. i., 3 m., 4 to 8 in. dia.;

27 hyd.; 16 v.; 180 met.; 180 serv.; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 16,000 gals.; cost, \$20,000; cost mtce., \$600; wks. owned by city.

Water Supply—Src., 4 wells; sys., grav. & dir. pres.; mains, 4 m.; 24 hyd.; pres., 60 lbs.

ATHENS, p. 631. F. dept.—2 hose wag., 2 h. & l. trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,000; tot. mem., 25.

Water Supply—Src., wells, 1 block bus. cent.; sys., pump to stdp. & dir. pres.; stdp. cap., 50,000 gals.; 1 pump. cap. 850 gals. min.; mains, 5 m., 2 to 6 in. dia.; 30 hyd.; met., 100; pres., dom. 60 lbs., f. 80 lbs.; cons. day, 10,000 gals.; cost, \$13,000; wks. owned by city.

ATLANTIC MINE, p. 3,359; merc. bldgs., wd. F. dept.—1 str., 1 hose car.; hose, linen, gd., 1,200 ft.; f. al., wh.; tot. mem., 24 vol.

Water Supply—Src., dam, stn. & elec. pumps; 1,800 ft. 2-in. hose.

AUGUSTA, p. 494. F. dept.—1 c. eng., 25 c. hand ex., 1 h. & l. trk., 1 hose wag., 1,500 ft. hose; f. al., bell; tot. mem., 40 vol.

AU SABLE, p. 648. F. dept.—1 h. & l. trk.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; tot. mem., 20, pd. part time.

Water Supply—Src., Au Sable riv., 1 m. bus. cent.; sys., dir. pres.; mains, 5 m.; 30 hyd.; pres., dom. 40 lbs., f. 110 lbs.; wks. owned by city.

BAD AXE, p. 1,559; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$40,000; tot. mem., 40 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 12 x 100; mat., stl.; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, wd., 4 m., 4 to 8 in. dia.; 38 hyd.; met., 60; 350 serv.; pipe, iron; pres., dom. 43 lbs., f. 80 lbs.; cons. day, 38,000 gals.; cost, \$17,000; cost mtce., \$1,000; wks. owned by city.

BALDWIN, p. 502. F. dept.—1 hand c. eng., 4 c. hand ex., 2 hand hose carts, 1 hand ladder trk.; hose, rub. lined, gd., 1,200 ft.; f. al., elec., 2 bx.; tot. mem., 20 vol.

Water Supply—Src., riv.

BANGOR, p. 1,158; f. area, 35 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 hand eng., 1 hose cart; hose, rub., gd., 1,200 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$2,000; 40 vol.

Water Supply—Src., wells, 800 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; mat., stl.; 2 pump. eng., class stn.; mains, c. i., 1½ m., 4, 6 & 8 in. dia.; 22 hyd.; 32 v.; 40 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 100 lbs.; cost, \$15,000; wks. owned by village.

BARAGA, p. 1,071; f. area, 500 a.; merc. bldgs., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—Stn. pump, h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,750 ft.; inf., 500 ft.; tot. hose, 2,250 ft.; f. al., bell & wh.; exp. dept., \$500; tot. mem., 25 vol.

BATTLE CREEK, p. 25,267; f. area, 3 m.; merc. bldgs., bk., 1 to 10 stor.; priv., wd., 3 stor.; wd. rfs. not perm. in f. limits; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 13 c. hand ex., 1 aer. trk., 4 comb. c. & h. wag., 3 auto. comb. c. & h. wag., 1 c. & h. pump. eng., 12 hrs.; hose, cot., rub. lined, gd., 10,000 ft.; f. al., elec., 94 bx.; val. equip., \$48,000; val. bldgs., \$50,000; exp. dept., \$43,000; tot. mem., 38, pd. full time 35, pd. part time 3.

Water Supply—Src., lake, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 143,000 gals.; dim., 18 x 75; mat., wrt. i.; 3 pump. eng., class comp. dup., cap. day 9,000,000 gals.; mains, c. i., 65 m., 4 to 16 in. dia.; 550 hyd.; 455 v.; met., 5,769; 5,920 serv.; pipe, lead & galv. i.; pres., dom. 60 to 85 lbs., f. 60 to 85 lbs.; cons. day, 2,000,000 gals.; cost, \$558,742; cost mtce., \$24,922; wks. owned by city.

BAY CITY, p. 45,166; f. area, 5,440 a.; merc. bldgs., stn., bk. & wd., 1 to 6 stor.; priv., bk.

& wd., 3 stor.; wd. rfs. not perm. in f. limits; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 1 auto. comb. c. & h. wag., 1 chief's auto., 2 c. eng., 6 c. hand ex., 3 h. & l. trk., 9 hose wag., 24 hrs.; hose, cot., rub. lined, gd., 20,650 ft.; c., 450 ft.; tot. hose, 21,100 ft.; f. al., Gamewell, 136 bx.; val. equip., \$68,815; val. bldgs., \$66,000; exp. dept., \$51,646; tot. mem. 61, pd. full time 29, pd. part time 32; undrs. rating, second class.

Water Supply—Src., bay, 4 m. bus. cent.; sys., pump dir.; 7 pump. eng., cap. day 15,750,000 gals.; mains, wd. & c. i., 87 m., 4 to 24 in. dia.; 840 hyd.; 1,109 v.; met., 1,774; 5,547 serv.; pipe, lead & wrt. i.; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 6,414,383 gals.; cost, \$904,000; cost mtce., \$24,500; wks. owned by city.

BEACON, p. 700; merc. bldgs., wd. F. dept.—140 gals., c. & c. hand ex.

No Water Supply.

BEAVERTON, p. 418; merc. bldgs., wd. F. dept.—2 hose car.; hose, rub., gd., 500 ft.; f. al., bell; tot. mem., 18 vol.

Water Supply—Src., wells & riv.; sys., pump to stdp.; mains, 1½ m.; 16 hyd.

BELDING, p. 4,119; f. area, 80 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 2,800 ft.; f. al., telp.; val. equip., \$6,000; exp. dept., \$1,000; tot. mem. 11, pd. part time.

Water Supply—Src., riv., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals.; res. cap., 107,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, iron, 15 m., 4 to 12 in. dia.; 55 hyd.; 72 v.; 700 met.; 700 serv.; pres., dom. 79 lbs., f. 110 lbs.; cons. day, 150,000 gals.; cost, \$75,000; cost mtce., \$4,223; wks. owned by city.

BELLAIRE, p. 1,050; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 100 ft.; tot. hose, 1,300 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$1,025; exp. dept., \$250; tot. mem., 30 vol.

Water Supply—Src., wells & riv., in bus. cent.; sys., pump to res.; res. cap., 100,000 gals., loc. 80 rods station; 1 pump. eng., cap. 50,000 gals. day; mains, iron, 5 m., 2 to 6 in. dia.; 23 hyd.; 100 serv.; pres., dom. 80 lbs., f. 125 lbs.; cons. day, 50,000 gals.; cost, \$15,000; cost mtce., \$500; wks. owned by Co.

BELLEVUE, p. 930; bldgs., bk. F. dept.—1 auto. str., 1 h. & l. trk., 2 hose carts; hose, 1,500 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., wells.

BENTON HARBOR, p. 9,185; f. area, 100 a.; merc. bldgs., bk. & stn., 3 stor.; priv., bk. & stn., 1½ to 4 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 6 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 hose wag., 2 hose reels, 3 hrs.; hose, cot., rub. lined, gd., 4,200 ft.; f. al., bell & telp.; val. equip., \$60,000; val. bldgs., \$12,000; exp. dept., \$7,000; tot. mem. 30, pd. full time 6, vol. 24.

Water Supply—Src., wells, 8 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 107,000 gals.; dim., 12 x 100; mat., stl.; 3 pump. eng., class dup. & trip., cap. day 3,500,000 gals.; mains, c. i., 25 m., 4 to 12 in. dia.; 175 hyd.; met., 396; 1,523 serv.; pipe, lead; pres., dom. 50 lbs., f. 80 lbs.; cons. day 320,782 gals.; cost, \$144,543; cost mtce., \$5,000; wks. owned by city.

BERRIEN SPRINGS, p. 880. F. dept.—1 gasoline eng., 2 hand hose reels; hose, 2,000 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., riv.; sys., dir. pres.; 2 pump. eng., cap. day 1,440,000 gals.; mains, 9 m., 4 to 10 in. dia.; 36 hyd.; pres., dom. 85 lbs., f. 100 lbs.

BESSEMER, p. 4,582; f. area, 640 a.; merc. bldgs.; wd., 1 to 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 2 comb. c. & h. wag., 4 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bell, wh. & telp.; val. equip., \$9,307; val. bldgs., \$3,000; exp. dept., \$5,000; tot. mem. 28, pd. full time 3, vol. 25; undrs. rating, third class.

Water Supply—Src., spr., ¼ m., bus. cent.; sys., pump dir.; stdp. cap., 133,000 gals.; dim., 25 x 30, loc. on Colby Hill; mat., stl.; res. cap., 6,012,500 gals., loc. ¼ m. city; 2 pump. eng., cap. day 1,750,000 gals.; mains, 6 m., 4 to 8 in. dia.; 67 hyd.; 26 v.; met., 15; 325 serv.; pipe, lead; pres., dom. 50 lbs., f. 125 lbs.; cons. day, 150,000 gals.; cost, \$70,000; cost mtce., \$500; wks. owned by city.

BIG RAPIDS, p. 4,519; f. area, 1,280 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 6 c. hand ex., 5 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell, 23 bx.; tot. mem., 48 vol.

Water Supply—Src., riv.; sys., pump to res. & dir.; res. cap., 30,000 gals.; 4 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 14 m., 4 to 16 in. dia.; 180 hyd.; 34 v.; met., 2; 800 serv.; pres., dom. 70 lbs., f. 110 lbs.; cost, \$120,000; cost mtce., \$5,000; wks. owned by city.

BIRMINGHAM, p. 1,607; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$800; vol.

Water Supply—Src., wells; sys., pump dir.; 3 pump. eng., cap. day, 2,500,000 gals.; mains, 5½ m., 4 to 10 in. dia.; 50 hyd.; 180 serv.; pres., dom. 40 lbs., f. 60 to 80 lbs.; cost \$20,000; cost mtce., \$1,200; wks. owned by town.

BLISSFIELD, p. 1,474; f. area, 300 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hose car.; hose, cot., rub. lined, gd., 2,600 ft.; f. al., bell & elec. gong; val. equip., \$4,500; val. bldgs., \$4,000; exp. dept., \$500; tot. mem. 20, pd. full time, 30 vol.

Water Supply—Src., riv.; no waterwks. sys.

BOYNE CITY, p. 5,218. F. dept.—2 hand hose reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; tot. mem. 25, pd. part time.

Water Supply—Src., spr. & Pine lake, 1 m. bus. cent.; sys., 2 res.; mains, 3 m.; 13 hyd.; pres., dom. 40 lbs.; wks. owned by city.

BOYNE FALLS, p. 325. F. dept.—Hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; tot. mem., 14 vol.

Water Supply—Src., creek & Boyne riv.

BRIGHTON, p. 767. F. dept.—1 hand eng., 2 hand hose carts, 1 hand ladder trk.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; vol.

Water Supply—Src., cisterna, 1 m. bus. cent.; sys., res.; mains, 4 m., 4 in. dia.; pres., dom. 30 lbs.; wks. owned by city.

BRONSON, p. 1,020. F. dept.—1 hand eng., 1 h. & l. trk., 1 gasoline eng., 2 hose carts, 3 Babcock h. ex.; hose, 1,200 ft.; f. al., bell & wh.; tot. mem. 18, pd. full time.

Water Supply—Src., 4 wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; 1 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 5½ m., 4 to 12 in. dia.; 39 hyd.; 25 v.; pipe, c. i.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$20,000; wks. owned by city.

BROWN CITY, p. 690. F. dept.—2 hand hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; vol.

Water Supply—Src., 12 cisterna.

BUCHANAN, p. 1,831; f. area, 10 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 2 c. hand ex., 1 comb. c. eng. & ladder trk., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,800 ft.; c., 250 ft.; tot. hose, 3,050 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$6,000; exp. dept., \$300; tot. mem. 20, pd. part time.

Water Supply—Src., flowing wells; sys., pump dir.; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. i., 12 5-33 m., 4 to 10 in. dia.; 53 hyd.; 8 v.; 349 serv.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$25,000; cost mtce., \$2,000; wks. owned by city.

BURR OAK, p. 752. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 1,800 ft. hose; f. al., bell; tot. mem., 50 vol.

CADILLAC, p. 8,375; f. area, 340 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 7 c. hand ex., 1 hose wag., 3 hose carts, 4 hra.; hose, cot., rub. lined, gd., 7,000 ft.; f. al., Gamewell, 80 bx.; val. equip., \$10,000; val. bldgs., \$28,000; exp. dept., \$4,478; tot. mem. 23, pd. full time 3, vol. 20.

Water Supply—Src., lake, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; stdp. cap., 196,000 gals.; dim., 20 x 80; mat., stl.; 4 pump. eng., class comp., cap. day 10,000,000 gals.; mains, c. i., $1\frac{1}{2}$ m., 4 to 18 in. dia.; 182 hyd.; 120 v.; met., 15; 1,800 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 140 lbs.; cons. day, 2,500,000 gals.; wks. owned by priv. Co.

CALUMET, p. 15,000; f. area, 2,000 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—3 str., 30 c. hand ex., 1 h. & l. trk., 8 hose cart., hose, cot., rub. lined, gd., 4,000 ft.; rub. gd., 3,000 ft.; tot. hose, 7,000 ft.; f. al., wh.; val. equip., \$65,000; tot. mem., 63 vol.

Water Supply—Src., dam; sys., pump to stdp. & dir., cap. day 30,000,000 gals.; mains, 4 m., 4 to 30 in. dia.; 155 hyd.; met., 2; pres., f. 45 to 100 lbs.; wks. owned by Co.

CAPAC, p. 761. F. dept.—1 c. eng., 1 hose cart, 1,000 ft. hose.

Water Supply—Src., wells & res., dir. pres.

CARO, p. 2,272; f. area, 1 sq. m.; merc. bldgs., bk., 1 to 3 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose cart., hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 10 bx.; val. equip., \$3,000; val. bldgs., \$6,000; exp. dept., \$500; tot. mem. 21, pd. part time.

Water Supply—Src., wells & spr., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 275,000 gals.; dim., 25 x 75; mat., iron; res. cap., 1,000,000 gals., loc. at pump house; 2 pump. eng., class comp. dup., cap. day 1,440,000 gals.; mains, c. i., $\frac{3}{4}$ m., 4 to 8 in. dia.; 43 hyd.; 45 v.; met., 108; 527 serv.; pipe, iron; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 250,000 gals.; cost, \$76,543; cost mtce., \$278; wks. owned by priv. Co.

CARROLLTON, p. 2,400; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 hose wag., 1 hose cart.; hose, cot., rub. lined, gd., 1,750 ft.; inf., 150 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$1,500; tot. mem. 12, pd. part time.

Water Supply—Src., wells & cisterns; riv. for f. use.

CARSON CITY, p. 808. F. dept.—2 hose cart., 1 ladder wag.; hose, cot., rub. lined, gd., 1,700 ft.; tot. mem. 25, part pd.

Water Supply—Src., creek; sys., pump to stdp. & dir.; pres., f. 90 lbs.; cons. day, 160,000 gals.; cost mtce., \$800; wks. owned by town.

CASEVILLE, p. 442. F. dept.—1 hose cart, 750 ft. hose.

CASS CITY, p. 1,126. F. dept.—12 c. ex., 1 h. & l. trk.; hose, 950 ft.; tot. mem., 25.

Water Supply—Src., wells; sys., pump; 2 pump. eng., cap. 1,000,000 gals. day; mains, $3\frac{1}{2}$ m.; 32 hyd.

CASSOPOLIS, p. 1,885; merc. bldgs., bk., 2 stor.; priv., wd. & bk., $2\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. hose & ladder wag., 1 hose cart.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., elec., 8 bx.; val. equip., \$1,500; val. bldgs., \$1,200; tot. mem., 24 vol.

Water Supply—Src., lake, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., class dup., cap. day 2,000,000 gals.; mains, iron, 6 m., 4 to 10 in. dia.; 40 hyd.; 20 v.; 350 serv.; pipe, lead & iron; pres., dom. 40 lbs., f. 90 lbs.; cost, \$15,000; cost mtce., \$1,600; wks. owned by city.

CEDAR SPRINGS, p. 947. F. dept.—1 hand eng., 2 hand hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; tot. mem. 15, pd. part time.

Water Supply—Src., creek & spr., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; dim., 20 x 22; mat., stl.; 1 pump. eng., cap. day, 648,000 gals.; mains, c. i.; $1\frac{1}{2}$ m., 4 in. dia.; 16 hyd.; pres., dom. 80 lbs., f. 90 lbs.; cost, \$800; wks. owned by city.

CENTERVILLE, p. 613. F. dept.—1 h. & l. trk., 4 c. hand ex., 500 ft. hose.

Water Supply—Src., 3 wells; sys., grav. & dir. pres.

CENTRAL LAKE, p. 813. F. dept.—Not reported.

Water Supply—Src., spr.; sys., grav.; res. cap. 2,000 bbis.; pump. eng., cap. day, 1,500 bbis.; mains, iron, $1\frac{1}{4}$ to 3 in. dia.; 7 hyd.; pres., dom. 30 to 45 lbs., f. 80 lbs.; cost, \$2,200; wks. owned by Co.

CHARLEVOIX, p. 2,420; f. area, 443 a.; merc. bldgs., wd. & bk., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,900 ft.; inf., 500 ft.; tot. hose, 2,400 ft.; f. al., bell & wh., telp. bx.; val. equip., \$7,000; val. bldgs., \$700; exp. dept., \$744; tot. mem., 32 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; 1 pump. eng., class centrif., cap. day 1,440,000 gals.; mains, c. i., $1\frac{1}{2}$ m., 4 to 10 in. dia.; 76 hyd.; 45 v.; met., 198; 738 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 110 lbs.; cons. day, 1,340,000 gals.; cost, \$35,000; wks. owned by city.

CHARLOTTE, p. 4,886; f. area, $3\frac{1}{2}$ sq. m.; merc. bldgs., bk., 1 to 3 stor.; priv., wd. & bk., $1\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 4 hra.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 850 ft.; tot. hose, 4,350 ft.; f. al., Gamewell, 12 bx.; val. equip., \$9,500; val. bldgs., \$5,500; exp. dept., \$3,950; tot. mem. 20, pd. full time 4, pd. part time 16.

Water Supply—Src., wells & cisterns; sys., pump dir.; 2 pump. eng., cap. day 3,000,000 gals.; mains, 18 m., 4 to 12 in. dia.; 85 hyd.; 125 v.; met., 5; 843 serv.; pipe, lead; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 306,350 gals.; cost, \$45,000; cost mtce., \$3,792; wks. owned by town.

CHEBOYGAN, p. 6,859; f. area, 4,850 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 5 c. hand ex., 1 h. & l. trk., 2 f. tugs, 6 hose cart.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 1,000 ft.; tot. hose, 4,500 ft.; f. al., bell & wh.; val. equip., \$9,000; val. bldgs., \$65,000; exp. dept., \$2,300; tot. mem. 175, pd. part time 2, vol. 173.

Water Supply—Src., wells; sys., pump dir.; res. cap., 75,000 gals.; pump. eng., cap. day 4,500,000 gals.; mains, wd. & iron, 9 m., 4 to 14 in. dia.; 66 hyd.; met., 5; 650 serv.; pipe, lead; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 441,000 gals.; cost, \$130,000; cost mtce., \$4,000; wks. owned by city.

CHELSEA, p. 1,764; f. area, 640 a.; merc. bldgs., bk. & stn., 1 to $2\frac{1}{2}$ stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. on wls., 1 h. & l. wag., 2 hose cart.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$3,000; exp. dept., \$75; tot. mem., 32 vol.

Water Supply—Src., wells, 1,000 ft. bus. cent.; sys., pump to res.; res. cap., 125,000 gals.; 2 pump. eng., cap. day, 500,000 gals.; mains, iron, 7 m., 4 to 8 in. dia.; 36 hyd.; 250 serv.; 20 v.; 10 met.; pipe c. i.; pres., dom. 45 to 100 lbs., f. 50 to 90 lbs.; cons. day, 250,000 gals.; cost \$30,000; cost mtce., \$1,000; wks. owned by priv. Co.

CHESANING, p. 1,363. F. dept.—1 h. & l. trk., 3 hose cart.; hose, cot., rub. lined, gd., 1,800 ft.; tot. mem., 25 vol.

Water Supply—Src., wells; sys., pump dir.; res. cap., 75,000 gals.; pump. eng., comp. dup., cap. day 1,500,000 gals.; mains, c. i., 6 m., 4 to 10 in. dia.; 20 hyd.; met., 200; 225 serv.; pipe, lead; pres., dom. 55 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$14,500; wks. owned by town.

CLARE, p. 1,350; f. area, 200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs.

perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; inf., 400 ft.; tot. hose, 2,300 ft.; f. al., Gamewell sya. & bell; val. bldgs., \$2,000; exp. dept., \$150; tot. mem., 28 vol.

Water Supply—Src., 5 wells; sya., pump to stdp.; stdp. cap., 75,000 gals.; 4 pump. eng., class trip., cap. day 1,440,000 gals.; mains, 8 m., wd. & iron, 3 to 10 in. dia.; 88 hyd.; 350 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 720,000 gals.; cost, \$22,000; cost mtce., \$2,000; wks. owned by town.

CLINTON, p. 1,011; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; combt. ord. F. dept.—1 h. & 1 trk., 2 hose carts; hose, 800 ft.; vol.; undra. rating, fourth class.

Water Supply—Src., riv., 1-5 m. bus. cent.; sya., pump dir. to mains; 2 pumps, cap. min. 1,000 gals.; mains, c. i., ½ m., 6 in. dia.; 6 hyd.; 1 v.; pres., dom. 40 lbs., f. 100 lbs.; wks. owned by C. W. M. Co.

COLDWATER, p. 5,945; f. area, 160 a.; merc. bldgs., bk., 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bell, wh. & tel.; val. equip., \$11,000; val. bldgs., \$10,000; tot. mem. 25, pd. full time 2, pd. part time 13, vol. 10.

Water Supply—Src., wells, 1 m. bus. cent.; sya., pump dir.; 3 pump. eng., cap. day, 6,000,000 gals.; mains, c. i., 20 m., 4 to 16 in. dia.; 123 hyd.; 1,621 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 100 lbs., cons. day, 650,000 gals.; cost, \$136,181; cost mtce., \$1,360; wks. owned by city.

COLEMAN, p. 909; bldgs., bk. & stn. F. dept.—1 gasoline eng., 1 h. & 1 trk., 1 hose car.; hose, 1,500 ft.; f. al., bell; tot. mem., 30.

Water Supply—Src., tk., situated 60 rods bus. cent.; res. cap., 189,000 gals.; mains, wd., ¾ m.; 5 hyd.; wks. owned by city.

CONSTANTINE, p. 1,244; f. area, 160 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm. F. dept.—12 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$400; tot. mem., 20 vol.

Water Supply—Src., riv.; sya., pump dir.; mains, 5 m., 4 to 10 in. dia.; 47 hyd.; 11 v.; 240 serv.; pres., dom. 23 to 30 lbs., f. 80 to 100 lbs.; cost, \$22,500; cost mtce., \$200; wks. owned by city.

COOPERSVILLE, p. 814; merc. bldgs., bk.; priv., wd. F. dept.—1 stn. eng., 1 h. & 1 trk., 1 c. eng., 1 hose car.; hose, 1,600 ft.; f. al., bell & wh.; tot. mem., 20 vol.

Water Supply—Src., 7 wells; sya., pump from res. to stdp.; 2 ¾ m. mains; 1 pump. eng., cap. day 600,000 gals.; res. cap., 60,000 gals.; pres., 85 lbs.; 23 hyd.

CORUNNA, p. 1,884; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., bk. & cem., 2 stor.; wd. rfs. not perm. F. dept.—1 str., 2 c. hand ex., 1 h. & 1 trk., 25 buckets, 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 400 ft.; tot. hose, 2,200 ft.; f. al., bell & wh.; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$2,200; tot. mem. 15, 14 vol., 1 man pd.; undra. rating, second class.

Water Supply—Src., wells & riv., 5 blocks bus. cent.; sya., pump to stdp. & dir.; stdp. cap., 60,000 gals.; mat., stl.; wells, cap., 200,000 gals.; 2 pump. eng., cap. day 700,000 gals.; mains, 6 m., 4 to 8 in. dia.; 55 hyd.; 170 serv.; pres., dom. 45 lbs., f. 120 lbs.; wks. owned by city.

CROSWELL, p. 1,880; bldgs., bk. F. dept.—1 h. & 1 trk., 3 hose carts; hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 28 vol.

Water Supply—Src., riv., in bus. cent.; sya., pump dir.; stdp. cap., 75,000 gals.; 2 pumps; mains, wd., 5 m.; wks. owned by city.

CRYSTAL FALLS, p. 3,775; f. area, 640 a.; bldgs., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hose jackets & tools, 1 c. eng., 2 c. hand ex., 1 h. & 1 trk., 3 hose carts, 1 hose sleigh, carrying 1,000 ft. hose; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 1,500 ft.; tot. hose, 2,500 ft.; f. al., elec., 8 bx.; val. equip.,

\$5,000; val. bldgs., \$3,500; exp. dept., \$50; tot. mem., 21 vol.; undra. rating, second class.

Water Supply—Src., riv., ¾ m. bus. cent.; sya., pump to stdp.; stdp. cap., 75,000 gals.; dim., 60 x 15; mat., stl.; 2 pump. eng., cap. day 67,000 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 51 hyd.; 32 v.; 1 met.; pipe, galv. i.; pres., dom. 45 lbs., f. 120 lbs.; wks. owned by city.

DAVISON, p. 673. F. dept.—1 gas eng., 1 hand eng., 1 hose cart, 1 ladder trk.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; tot. mem., 14 vol.

Water Supply—Src., wells & cisterns.

DECATUR, p. 1,286; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; val. bldgs., \$2,500; tot. mem., 50 vol.

Water Supply—Src., wells; sya., pump to stdp. & dir.; stdp. cap., 65,000 gals.; dim., 13 x 55; mat., bk.; 2 pump. eng., cap. day 500,000 gals.; mains, 3 ½ m., 4 to 8 in. dia.; 37 hyd.; 136 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 150 lbs.; cons. day, 60,000 gals.; cost, \$12,000; wks. owned by city.

DECKERVILLE, p. 628. F. dept.—1 hand eng., 1 hose cart, 1,200 ft. hose, 1 hand ladder trk.

Water Supply—Src., cisterns.

DETROIT, p. 465,766; f. area, 45 sq. m.; merc. bldgs., bk. & wd., 1 to 14 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—26 str. (5 in reserve), 1 c. eng. on wls., 5 auto. pump. eng. (2 in reserve), 2 auto. comb. c. & h. wag., 110 c. hand ex., 7 comb. aer. trk. (3 in reserve), 6 plain aer. trk., 2 h. & 1 trk., 1 water tower, 24 comb. c. & h. wag. (5 in reserve), 3 hose wag., 3 auto. for auxiliary squad, 7 chief's auto., 11 chief's wag., 10 fuel wag., 24 supply & misc. wag., 41 exercise wag., 2 f. boats, 218 hrs. (57 in reserve); hose, cot., rub. lined, gd., 75,585 ft. (in reserve 7,150 ft.); c., 2,400 ft.; tot. hose, 85,085 ft.; f. al., Gamewell, 1,200 bx.; val. equip., \$2,423,367.94; exp. dept., \$1,027,044; tot. mem. 800, pd. full time.

Water Supply—Src., riv., 4 m. bus. cent.; sya., pump dir.; 7 pump. eng., class 8 comp., 4 vertical trip., cap. day 177,000,000 gals.; mains, c. i., 840 m., 4 to 48 in. dia.; 5,849 hyd.; 8,890 v.; met., 10,807; 108,487 serv.; pipe, lead, c. & galv. i.; pres., dom. 27 lbs., f. 27 lbs.; cons. day, 105,883, 013 gals.; cost, \$12,110,608; cost mtce., \$234,519; wks. owned by city.

DOLLAR BAY, p. 578. F. dept.—3 hand hose carts; hose, cot. jacket, gd., 1,500 ft.; f. al., wh.; vol.

Water Supply—Src., Portage lake & 10 wells; sya., pump; 2 pump. eng., class dup., cap. day 1,500,000 gals.; 12 hyd.; pres., dom. 50 lbs., f. 100 lbs.; wks. owned by city.

DOWAGIAC, p. 5,088; f. area, 1 ½ sq. m.; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., stn., bk. & wd., 1 ½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng. on wls., 1 h. & 1 trk., 5 hose car., 1 auto. comb. c. & h. wag.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., wh. & elec., 33 bx.; val. equip., \$10,000; val. bldgs., \$4,500; exp. dept., \$800; tot. mem. 33, pd. full time 3, pd. part time 30.

Water Supply—Src., wells, 1-3 m. bus. cent.; sya., pump dir.; 2 pump. eng., class dup. & cross-comp., cap. day 2,500,000 gals.; mains, c. i., 12 ½ m., 4 to 10 in. dia.; 95 hyd.; 80 v.; met., 850; 850 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 300,000 gals.; cost, \$40,000; cost mtce., \$4,000; wks. owned by city.

DUNDEE, p. 1,070; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 stn. eng., 2 c. hand ex., 1 h. & 1 trk., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 1,750 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$3,500; tot. mem., 30 vol.

Water Supply—Src., wells; sya., pump.

DURAND, p. 2,315; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 3 hrs.; hose, cot., rub. lined, gd., 1,700 ft.; f. al.,

wh.; val. equip., \$6,000; val. bldgs., \$3,000; exp. dept., \$800; tot. mem. 14, pd. part time.

Water Supply—Src., wells, 700 ft. bus. cent.; sys., pump dir.; res. cap., 2,000,000 gals.; 3 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 8 m., 4 to 10 in. dia.; 48 hyd.; 100 v.; met., 24; 450 serv.; pipe, galv. i.; pres., dom. 50 lbs.; f. 125 lbs.; cons. day, 350,000 gals.; cost, \$42,000; cost mtce., \$6,000; wks. owned by city.

EAST JORDAN, p. 2,516; merc. bldgs., bk. F. dept.—1 gasoline eng., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hose carts; hose, 2,000 ft.; f. al., wh. & telp.; val. equip., \$3,500; val. bldgs., \$2,000; tot. mem., 18.

Water Supply—Src., wells; sys., pump; 2 pump. eng., cap. day 1,250,000 gals.; res. cap., 250,000 gals.; mains, 3 m.; pres., 76 lbs.; cost, \$40,000; cost mtce., \$3,000; wks. owned by city.

EAST LAKE, p. 3,000; f. area, 640 a.; merc. bldgs., wd., 1½ stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; rub. gd., 500 ft.; inf., 500 ft.; tot. hose, 4,000 ft.; f. al., wh. & bell; val. equip., \$2,000; val. bldgs., \$700; tot. mem., 24 vol.

Water Supply—Not reported.

EAST TAWAS, p. 1,452; f. area, 100 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 2,400 ft.; f. al., wh.; val. equip., \$37,000; exp. dept., \$225; tot. mem., 22 vol.

Water Supply—Src., bay, 40 rods bus. cent.; sys., pump dir.; 2 pump. eng., class hor., cap. day 1,500,000 gals.; mains, 8 m., 6 to 8 in. dia.; 60 hyd.; 375 serv.; 3 met.; pipe, iron; pres., dom. 40 lbs.; f. 90 lbs.; cons. day, 100,000 gals.; cost, \$30,000; cost mtce., \$4,000; wks. owned by town.

EATON RAPIDS, p. 2,094; merc. bldgs., bk. stn. & wd., 2 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 1,000 ft.; tot. hose, 3,500 ft.; f. al., bell wh. & telp.; val. equip., \$8,000; val. bldgs., \$3,000; exp. dept., \$2,500; tot. mem., 10, pd. full time; undrs. rating, second class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 120,000 gals.; dim., 14 x 100, loc. on Plain st.; mat., atl.; 2 pump. eng., class dup. comp., cap. day 750,000 gals.; mains, c. l., 6 m., 4 to 10 in. dia.; 52 hyd.; 23 v.; 500 serv.; pipe, iron; pres., dom. 40 lbs.; f. 90 lbs.; cons. day, 180,000 gals.; cost, \$25,000; cost mtce., \$1,500; wks. owned by city.

ECORSE, p. 1,063. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; tot. mem., 25 vol.

Water Supply—Src., Lake St. Clair, 1 m. bus. cent.; sys., grav.; mains, 8 m., 4 to 8 in. dia.; 39 hyd.; wks. owned by city.

EDMORE, p. 752. F. dept.—1 hand hose reel; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; tot. mem. 8, pd. part time.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; mains, ½ m.; 10 hyd.; pres., dom. 40 to 60 lbs.; f. 80 to 125 lbs.; wks. owned by city.

ELK RAPIDS, p. 1,673; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—8 h. & l. trk., 5 hose wag., 5 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bell & wh.; exp. dept., \$80; tot. mem., 60 vol.

Water Supply—Src., lake, ½ m. bus. cent.; sys., pump dir.; 3 pump. eng., cap. day 1,500,000 gals.; mains, iron, 7½ m., 4 to 8 in. dia.; 62 hyd.; 54 v.; met., 21; 351 serv.; pipe, galv. i.; pres., dom. 40 lbs.; f. 100 lbs.; cons. day, 300,000 gals.; cost, \$36,000; cost mtce., \$1,200; wks. owned by Co.

ELKTON, p. 553. F. dept.—1 hand eng., 1 hand hose cart; hose, cot., rub. lined, gd., 750 ft.; f. al., wh.; tot. mem., 25 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; mains, 1 m., 4 to 6 in. dia.; 10 hyd.; pres., dom. 50 to 70 lbs.; wks. owned by city.

ELSIE, p. 592. F. dept.—1 gasoline eng., 2,000 ft. hose; 9 vol.

Water Supply—Src., deep well, 8 cisterns.

EMPIRE, p. 300. F. dept.—2 hand hose carts, 1 h. & l. trk.; hose, rub. lined, gd., 1,000 ft.; f. al., elec., 2 bx.; val. equip., \$800; tot. mem., 6 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., dir. pres.; 39 v.; pres., f. 80 lbs.; wks. owned by city.

ESCANABA, p. 13,194; f. area, 9,033 a.; merc. bldgs., wd., bk. & cem., 2 to 5 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 1 hose wag., 3 hose car., 6 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,650 ft.; tot. hose, 4,650 ft.; f. al., Gamewell, 30 bx.; val. equip., \$18,000; val. bldgs., \$17,750; exp. dept., \$10,000; tot. mem. 15, pd. full time.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump dir.; res. cap., 6,000,000 gals.; 3 pump. eng., class comp. & dup., cap. day 6,000,000 gals.; mains, c. l., 22 m., 4 to 16 in. dia.; 221 hyd.; 156 v.; met., 377; 2,050 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 100 to 150 lbs.; cons. day, 1,800,000 gals.; cost mtce., \$15,000; wks. owned by Co.

ESSEXVILLE, p. 1,477; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand cart, 2 hose wag., 1 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 300 ft.; tot. hose, 2,300 ft.; f. al., Gamewell, 7 bx.; val. equip., \$6,400; val. bldgs., \$1,500; exp. dept., \$1,000; tot. mem. 10, pd. full time.

Water Supply—Src., riv., pipe, 600 ft., 2 in. dia.

EVART, p. 1,386; f. area, 80 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 600 ft.; tot. hose, 3,000 ft.; f. al., elec., 10 bx.; val. equip., \$3,000; val. bldgs., \$3,500; exp. dept., \$150; tot. mem., 25 vol.

Water Supply—Src., wells; sys., pump dir.; pump. eng., cap. day 1,500,000 gals.; mains, iron & wd., 2½ to 10 in. dia.; 35 hyd.; 50 v.; 300 serv.; pres., dom. 40 lbs.; f. 60 to 100 lbs.; cost, \$30,000; cost mtce., \$3,000; wks. owned by village.

FENNVILLE, p. 600; f. area, 120 a.; F. dept.—1 hose cart, ladder wag. & ladders, nozzles, 500 ft. hose; f. al., bell; val. equip., \$550; val. bldgs., \$500; tot. mem. 25, pd. part time.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng.; cap. day, 350,000 gals.; mains, 1½ m.; 21 hyd.; 12 v.; pres., dom. 42 lbs.; f. 100 lbs.; cost, \$12,000; wks. owned by city.

FENTON, p. 2,331; f. area, 810 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 c. hand ex., 1 hose wag., 3 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$3,500; exp. dept., \$550; tot. mem. 15, pd. part time.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; res. cap., 55,000 gals.; 2 pump. eng., cap. day 55,000 gals.; mains, 8 m., 4 to 8 in. dia.; 58 hyd.; 50 v.; 500 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 120 lbs.; cons. day, 150,000 gals.; cost, \$27,000; cost mtce., \$3,000; wks. owned by city.

FIFE LAKE, p. 340. F. dept.—1 comb. c. & hand eng., 1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; tot. mem., 22 vol.

Water Supply—Src., lake.

FLINT, p. 38,550; f. area, 120 a.; merc. bldgs., bk., 2 to 9 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 auto. str., 1 auto. comb. c. & h. wag., 1 chief's auto., 2 h. & l. trk., 1 auto. aer. trk., 17 c. hand ex., 3 hose wag., 7 hrs.; hose, cot., rub. lined, gd., 9,000 ft.; f. al., bell, wh. & Gamewell, 60 bx.; val. equip., \$49,500; val. bldgs., \$50,000; exp. dept., \$30,000; tot. mem. 30, pd. full time.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; 4 pump. eng., cap. day 12,500,000 gals.; mains, c. l., 45 m., 4 to 16 in. dia.; 377

hyd.; 448 v.; met., 4,908; 5,099 serv.; pipe, galv. i. & lead; pres., dom. 40 lbs., f. 90 to 125 lbs.; cons. day, 3,804,088 gals.; cost, \$348,954.

FLUSHING, p. 938. F. dept.—1 h. & l. trk., 1 hand eng.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., elec., 7 bx.

FOWLER, p. 476; bldgs., bk., wd. & cem. F. dept.—1 hand eng., 2 hand c. ex., 1 h. & l. trk.; hose, 600 ft.; f. al., bell; vol. serv.

Water Supply—Src., tk.; sys., pump.; res. cap., 600 bbls.; 5 hyd.; mains, $\frac{1}{2}$ m.

FOWLERSVILLE, p. 905. F. dept.—1 h. & l. trk., 2 hose reels; hose, 800 ft.; f. al., bell & wh.; tot. mem., 15 vol.

Water Supply—Src., wells, 40 rods bus. cent.; sys., dir. pres.; stdp. cap., 100,000 gals.; mat., iron; pump, cap. day 1,000,000 gals.; mains, iron, $\frac{1}{2}$ m., 4 to 8 in. dia.; 19 hyd.; pres., dom. & f., 125 lbs.; cost, \$10,500; wks. owned by city.

FRANKENMUTH, p. 693; bldgs., bk. F. dept.—1 stn. eng., 1 hand eng., 1 hose cart; hose, 850 ft.; f. al., wh.; tot. mem., 10.

Water Supply—Not reported.

FRANKFORT, p. 1,555; f. area, 160 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area. F. dept.—10 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,300 ft.; rub., gd., 500 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$1,000; tot. mem., 21 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., class dup., cap. day, 400,000 gals.; mains, iron & wd., 4.30 m., 2 $\frac{1}{2}$ to 8 in. dia.; 42 hyd.; 27 v.; 305 serv.; pipe, iron & wd.; pres., dom. 50 lbs., f. 90 lbs.; cons. day, 470,000 gals.; cost, \$18,000; wks. owned by city.

FREMONT, p. 2,009; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng. on wls., 1 h. & l. trk., 4 hose carts; hose, cot., rub. lined, gd., 2,200 ft.; inf., 200 ft.; tot. hose, 2,400 ft.; f. al., elec., 7 bx.; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$300; tot. mem., 65, pd. part time.

Water Supply—Src., spr. & wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; stdp. cap., 75,000 gals.; res. cap., 55,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, 3 m., 2 to 10 in. dia.; 42 hyd.; 48 v.; 245 met.; 245 serv.; pres., dom. 70 lbs., f. 125 lbs.; cost, \$28,000; cost mtce., \$2,000; wks. owned by city.

GARDEN, p. 407. F. dept.—1 hand eng., 1 gas eng., 2 c. hand ex., 3 hand hose carts; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; vol.

Water Supply—Src., 5 wells.

GAYLORD, p. 1,535; merc. bldgs., wd. & bk., $\frac{1}{2}$ to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—3 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$600; tot. mem., 20 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 85,000 gals.; dim., 30 x 16; mains, 4 m., 4 to 6 in. dia.; 23 hyd.; 5 v.; 200 serv.; pres., dom. 30 lbs., f. 110 to 135 lbs.; cost, \$9,500; cost mtce., \$800; wks. owned by village.

GLADSTONE, p. 4,211; f. area, 1,000 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., $\frac{1}{2}$ stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 9,300 ft.; f. al., Game-well, 17 bx.; val. equip., \$5,000; val. bldgs., \$21,500; exp. dept., \$1,500; tot. mem., 24, pd. full time 3, vol. 21.

Water Supply—Src., bay, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., class comp., size 12 x 18 x 11 $\frac{1}{4}$, cap. day 250,000 gals. each; mains, c. i., 7 m., 4 to 12 in. dia.; 43 hyd.; 30 v.; met., 3; pres., dom. 40 lbs., f. 125 lbs.; cons. day, 40,000 gals.; cost, \$50,000; cost mtce., \$6,500; wks. owned by city.

GLADWIN, p. 988. F. dept.—1 h. & l. trk., 2 hose carts; hose, 1,000 ft.; f. al., telp. & wh.; tot. mem., 17.

Water Supply—Holly sys.; mains, 3 m.; 20 hyd.; pres., 75 lbs.

GOBLEVILLE, p. 337. F. dept.—1 hand pump,

1 h. & l. trk., 1 hose reel; hose, 300 ft.; f. al., bell; val. equip., \$600; val. bldgs., \$1,500; tot. mem., 37 vol.

Water Supply—Src., wells & cisterns.

GRAND HAVEN, p. 5,856; f. area, 100 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 2 hand ex., 1 h. & l. trk., 1 comb. hose wag. & trk., 2 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., elec.; val. equip., \$9,000; val. bldgs., \$6,000; exp. dept., \$7,000; tot. mem., 12, pd. part time.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 4 pump. eng., class comp., cap. day 8,000,000 gals.; mains, c. i., 11 m., 4 to 12 in. dia.; 100 hyd.; met., 700; 700 serv.; pipe, galv. i.; pres., dom. 87 lbs., f. 110 lbs.; cons. day, 400,000 gals.; cost, 60,000; cost mtce., \$9,000; wks. owned by city.

GRAND LEDGE, p. 2,893; f. area, 160 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. not perm. F. dept.—1 supply wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,600 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$8,000; exp. dept., \$1,300; tot. mem., 8, pd. part time; undrs. rating, first class.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; stdp. cap., 100,000 gals.; 4 pump. eng., cap. day 2,076,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 47 hyd.; 85 serv.; pres., dom. 50 lbs., f. 75 lbs.; cost, \$44,000; cost mtce., \$1,800; wks. owned by city.

GRAND MARAIS, p. 1,000. F. dept.—2 hand hose carts, 1 hand ladder trk.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., telp.; tot. mem., 14 vol.

Water Supply—Src., Lake Superior, 1 m. bus. cent.; sys., pump.; 2 pump. eng.; mains, 3 $\frac{1}{2}$ m., 4 to 8 in. dia.; pres., dom. 60 lbs., f. 120 lbs.; wks. owned by city.

GRAND RAPIDS, p. 112,571; f. area, 17 $\frac{1}{2}$ sq. m.; merc. bldgs., stn., bk. & wd., 1 to 10 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—12 str., 1 in reserve, 2 c. eng. on wls., 2 auto. comb. c. eng., 5 auto. comb. c. & h. wag., 1 auto. aer. trk., 3 h. & l. trk., 7 hose wag., 72 hrs.; hose, cot., rub. lined, gd., 32,410 ft.; f. al., Game-well, 214 bx.; val. equip., \$270,000; val. bldgs., \$145,000; exp. dept., \$168,793; tot. mem., 160, pd. full time.

Water Supply—Src., Grand riv., 1 m. bus. cent.; sys., pump to res., stdp. & dir.; stdp. cap., 375,400 gals.; dim., 30 x 75; mat., stl.; res. cap., 6,000,000 gals., loc. $\frac{1}{2}$ m. station; 3 pump. eng., size 8 x 12 x 16, cap. day 85,000,000 gals.; mains, c. i., 196 $\frac{1}{2}$ m., 4 to 36 in. dia.; 1,934 hyd.; 2,287 v.; met., 8,721; 19,851 serv.; pipe, lead; pres., dom. 65 to 90 lbs., f. 65 to 90 lbs.; cons. day, 14,052,001 gals.; cost, \$2,784,573; cost mtce., \$55,102; wks. owned by city.

GRANDVILLE, p. 680. F. dept.—1 comb. c. & hand eng., 1 h. & l. bucket trk., 250 ft. hose. Water Supply—Wells.

GRASS LAKE, p. 760. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & l. trk.; f. al., bell; vol.

Water Supply—Not reported.

GRAYLING, p. 1,775; f. area, 300 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; tot. hose, 2,500 ft.; f. al., bell, 12 bx.; val. equip., \$500; val. bldgs., \$500; exp. dept., \$100; tot. mem., 20 vol.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., grav.; mains, 2 5-44 m.; 30 hyd.; 56 serv.; pres., 100 lbs.; cost, \$3,000; wks. owned by Co.

GREENVILLE, p. 4,045; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 1 & 2 stor. F. dept.—1 h. & l. trk., 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$3,000; tot. mem., 11, pd. part time.

Water Supply—Src., well, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 10 m., 4 to 12 in. dia.; 55 hyd.; 48 v.; 900 serv.; pipe, lead & galv. i.; pres., dom. 80 lbs., f. 100 to 125 lbs.; cons. day, 300,000 gals.; cost, \$80,000; cost mtce., \$5,129; wks. owned by city.

HANCOCK, p. 8,981; f. area, 1,500 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 str., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose car., 6 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; rub., gd., 500 ft.; tot. hose, 3,500 ft.; f. al., Gamewell, 22 bx.; val. equip., \$15,000; val. bldgs., \$25,000; exp. dept., \$8,000; tot. mem. 21, pd. full time 5, pd. part time 16.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res. & grav.; res. cap., 1,300,000 gals., loc. north city; 3 pump. eng., cap. day 4,000,000 gals.; mains, c. l., 9 m.; 70 hyd.; 80 v.; 1,600 serv.; pres., dom. 85 lbs.; cons. day, 1,300,000 gals.; cost, \$200,000; cost mtce., \$10,000; wks. owned by city.

HARBOR BEACH, p. 1,556; merc. bldgs., bk. & conc. F. dept.—1 h. & l. trk., 2 hose car.; hose, rub., gd., 1,700 ft.; f. al., Gamewell; tot. mem., 32 vol.

Water Supply—Src., lake; pump. cap. day, 1,000,000 gals.

HARBOR SPRINGS, p. 1,805; f. area, 525 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts, 1 hose reel; hose, cot., rub. lined, gd., 500 ft.; inf., 1,100 ft.; tot. hose, 1,600 ft.; f. al., wh., 9 bx.; val. equip., \$11,000; val. bldgs., \$800; exp. dept., \$650; tot. mem. 12, pd. part time.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., dir. & grav.; stdp. cap., 350,000 gals.; dim., 50 x 100; mat., ctm.; res. cap., 350,000 gals., loc. at pump. sta.; 2 pump. eng., class cross comp. condensed, cap. day 2,650,000 gals.; mains, stl. & c. l., 19 m., 2 to 8 in. dia.; 90 hyd.; 125 v.; met., 275; 775 serv.; pipe, stl.; pres., dom. 78 lbs.; f. 125 lbs.; cons. day, 250,000 gals.; cost, \$49,425; cost mtce., \$402; wks. owned by city.

HARRISON, p. 543. F. dept.—2 hose carts; hose, 1,000 ft.; tot. mem., 15 vol.

Water Supply—Src., lake; pres., dom. 50 lbs., f. 95 lbs.; cost, \$7,000; cost mtce., \$960; wks. owned by city.

HART, p. 1,555; f. area, 100 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 8 c. hand ex., 2 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., telp. & elec.; val. equip., \$2,500; val. bldgs., \$1,200; tot. mem., 21 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav., pump dir. to mains; 2 pump. eng., cap. day 750,000 gals.; mains, 3 m., 4 to 8 in. dia.; 32 hyd.; 250 serv.; pres., dom. 20 lbs., f. 160 lbs.; cost, \$18,000; cost mtce., \$1,000; wks. owned by city.

HARTFORD, p. 1,268; f. area, 640 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 900 ft.; inf., 500 ft.; tot. hose, 1,400 ft.; f. al., bell; val. bldgs., \$1,000; tot. mem., 20 vol.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals.; mat., stl.; 2 pump. eng., cap. day 720,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 34 hyd.; 250 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 25,000 gals.; cost mtce., \$700; wks. owned by city.

HASTINGS, p. 4,388; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 300 ft.; tot. hose, 3,300 ft.; f. al., wh., 15 bx.; exp. dept., \$600; tot. mem. 24, pd. part time.

Water Supply—Src., wells; sys., pump dir.; 2 pump. eng., cap. day 3,500,000 gals.; mains, 7 m., 4 to 12 in. dia.; 47 hyd.; 27 v.; met., 2; 420 serv.; pres., dom. 40 lbs., f. 90 to 100 lbs.; cost, \$45,000; cost mtce., \$3,400; wks. owned by city.

HERMANVILLE, p. 800; f. area, 10 a. F. dept.—3 hose wag. & ladder trk.; f. al., bell; val. equip., \$1,000; vol.

Water Supply—Src., wells.

HESPERIA, p. 462. F. dept.—2 hand hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; tot. mem. 20, pd. part time.

Water Supply—Src., White riv.; sys., dir. pres.; mains, $1\frac{1}{2}$ m.; 11 hyd.; pres., dom. 40 lbs., f. 60 lbs.

HILLMAN, p. 411; f. area, 240 a. F. dept.—1 c. eng., 1 hose wag., 1,500 ft. hose; f. al. bell; 7 vol.

Water Supply—Src., river; sys., pump; 2 pumps; 9 hyd.; wks. owned by priv. Co.

HILLSDALE, p. 5,001; f. area, 700 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—24 c. hand ex., 4 hand c., 1 h. & l., 1 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$11,000; val. bldgs., \$2,000; exp. dept., \$2,300; tot. mem. 18, pd. full time 2, pd. part time 4, vol. 12.

Water Supply—Src., lake, $1\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 4 pump. eng., class comp. dup. & cross-comp., cap. day 10,000,000 gals.; mains, 15 m., 4 to 12 in. dia.; 116 hyd.; met., 58; 1,560 serv.; pipe, c. l. & galv. stl.; pres., dom. 40 to 60 lbs., f. 80 to 140 lbs.; cons. day, 1,000,000 gals.; wks. owned by city.

HOLLAND, p. 10,490; f. area, 1,000 a.; merc. bldgs., stn., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 4 c. hand ex., 1 hose wag., 3 hose car., 4 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 500 ft.; tot. hose, 5,500 ft.; f. al., wh. & elec., 28 bx.; val. equip., \$7,000; val. bldgs., \$10,000; exp. dept., \$5,000; tot. mem. 28, pd. full time 2, pd. part time 26.

Water Supply—Src., wells, 38,000 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 247,000 gals.; dim., 18 x 180; mat., stl.; pump. eng., class centrif., cap. day 4,500,000 gals.; mains, c. l., 27 $\frac{1}{2}$ m., 4 to 14 in. dia.; 267 hyd.; 265 v.; met., 2,226; 2,166 serv.; pipe, galv. i.; pres., dom. 48 to 55 lbs., f. 100 lbs.; cons. day, 818,790 gals.; cost, \$162,787; cost mtce., \$11,702; wks. owned by city.

HOLLY, p. 1,537; f. area, 300 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area. F. dept.—1 h. & l. trk., 1 str. trk., 2 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; inf., 600 ft.; tot. hose, 1,600 ft.; f. al., wh., 4 bx.; exp. dept., \$500; tot. mem. 21, pd. part time.

Water Supply—Src., wells & pond, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; pump. eng., cap. day 1,500,000 gals.; mains, wd., 4 $\frac{1}{2}$ m., 4 to 6 in. dia.; 27 hyd.; 2 v.; 150 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 100 lbs.; cons. day, 509,000 gals.; cost, \$18,000; cost mtce., \$2,000; wks. owned by city.

HOMER, p. 1,008; f. area, 8 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., $1\frac{1}{2}$ & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 stn. eng., 1 hand eng., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$1,900; val. bldgs., \$2,300; exp. dept., \$200; tot. mem. 60, pd. part time.

Water Supply—Src., 2 wells; sys., 1 dup. pump. cap. 300 gals. min.; 15 cisterns.

HOUGHTON, p. 5,113; f. area, 500 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 hose sleigh, 1 str., 1 h. & l. trk., 4 c. hand ex., 2 hose wag., 1 hose car., 1 red. 7 hrs.; hose, rub., gd., 3,500 ft.; f. al., Gamewell, 21 bx.; val. equip., \$8,000; val. bldgs., \$12,000; exp. dept., \$1,526; tot. mem. 32, pd. part time 18, 16 vol.

Water Supply—Src., spr.; sys., grav.; 4 res. cap. 1,200,000 gals.; 3 pumps, class dup. & trip.; mains, iron, 7 $\frac{1}{2}$ m., 2 to 10 in. dia.; 75 hyd.; 97 v.; met., 1,200; pres., dom. 65 to 78 lbs., f. 140 lbs.; cost, \$165,000; cost mtce., \$2,300; wks. owned by city.

HOWARD CITY, p. 1,046; f. area, 10 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 sleigh, 2 hose car.; hose,

linen, gd., 2,000 ft.; f. al., bell; val. equip., \$1,750; tot. mem., 30 vol.

Water Supply—Src., riv., sys., pump dir.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 81 hyd.; 18 v.; 294 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 60 to 120 lbs.; cons. day, 150,000 gals.; cost, \$14,000; cost mtee., \$1,700; wks. owned by city.

HOWELL, p. 2,338; f. area, 25 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 c. eng., 2 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 11 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. i., $1\frac{1}{4}$ m., 4 to 10 in. dia.; 65 hyd.; met., 40; 600 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 120 lbs.; cons. day, 216,666 gals.; cost, \$42,000; wks. owned by city.

HUBBARDSTON, p. 450. F. dept.—1 hand eng., 1 hand hose cart, 400 ft. hose; 12 vol.

HUDSON, p. 2,178; f. area, 800 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 2,300 ft.; inf., 150 ft.; tot. hose, 2,450 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$700; tot. mem., 30, pd. part time.

Water Supply—Src., wells; sys., pump dir.; 2 pump. eng., cap. day 2,000,000 gals.; 1 air lift, cap., 600,000 gals.; mains, $7\frac{1}{2}$ m., 4 to 12 in. dia.; 66 hyd.; 40 v.; 584 serv.; pipe, iron; pres., dom. 45 to 60 lbs., f. 120 lbs.; cons. day, 287,708 gals.; cost, \$42,100; cost mtee., \$2,150; wks. owned by city.

IMLAY CITY, p. 1,174; f. area, 640 a.; merc. bldgs., bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—6 c. hand ex., 1 h. & l. trk., 1 comb. c. eng. & hose cart, 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 25 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 36,000 gals.; mat., bk. & iron; res. cap., 40,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, wd., 5 m., 2 to 8 in. dia.; 81 hyd.; 8 v.; 100 serv.; pipe, iron; pres., dom. 60 lbs., f. 60 lbs.; cost, \$18,000; cost mtee., \$3,500; wks. owned by city.

IONIA, p. 5,030; f. area, 120 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 3,200 ft.; f. al., elec., 32 bx.; val. equip., \$3,500; val. bldgs., \$4,000; exp. dept., \$2,280; tot. mem., 22, pd. full time 2, pd. part time 20.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; mat., cem.; res. cap., 360,000 gals.; 3 pump. eng., cap. day 1,500,000 gals.; mains, wd. & iron, 18 m., 4 to 10 in. dia.; 130 hyd.; 100 v.; met., 11; 1,100 serv.; pipe, lead & iron; pres., dom. 60 lbs., f. 50 to 75 lbs.; cons. day, 1,000,000 gals.; cost, \$125,000; cost mtee., \$6,600; wks. owned by city.

IRON MOUNTAIN, p. 9,216; f. area, 3,621 a.; merc. bldgs., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—3 str., 1 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 4,700 ft.; f. al., elec., 47 bx.; val. equip., \$15,000; val. bldgs., \$10,000; exp. dept., \$4,250; tot. mem., 8, pd. full time.

Water Supply—Src., wells, 4 m. bus. cent.; sys., pump to res., to stdp.; stdp. cap., 560,000 gals.; dim., 62 x 26, loc. in city; mat., stl.; res. cap., 638,000 gals., loc. near station; 2 pump. eng., class comp., cap. day 4,000,000 gals.; mains, c. i., 18 m., 6 to 16 in. dia.; 176 hyd.; 178 v.; met., 700; 1,260 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 120 lbs.; cons. day, 581,362 gals.; cost, \$265,000; cost mtee., \$6,000; wks. owned by Co.

IRON RIVER, p. 2,450; f. area, 1 sq. m.; merc. bldgs., bk., cem. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to $2\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 comb. c. & hose wag., 10 c.

hand ex., 1 h. & l. trk., 1 hose wag., 3 hose reels, 2 hrs., 1 comb. c. & hose ladder sleigh; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 1,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., Gamewell, 15 bx.; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$2,650; tot. mem., 28, pd. full time 1, pd. part time 1, vol. 26; undra. rating, third class.

Water Supply—Src., spr., 75 yards bus. cent.; sys., pump dir.; pump. eng., cap. hour 1,000 gals.; mains, c. i., 1 m., 4 to 6 in. dia.; 150 serv.; pres., f. 120 to 150 lbs.; cost, \$11,000.

IRONWOOD, p. 12,821; f. area, 3,720 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose wag., 6 hose car., 4 hrs.; hose, cot., rub. lined, gd., 7,500 ft.; f. al., Gamewell, 30 bx.; val. equip., \$12,600; val. bldgs., \$26,000; exp. dept., \$5,136; tot. mem., 45, pd. full time 5, 40 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 800,000 gals.; res. cap., 500,000 gals.; 2 pump. eng., class comp. dup., cap. day 3,000,000 gals.; mains, kalemein, 14 m., 4 to 12 in. dia.; 121 hyd.; met., 25; 1,000 serv.; pipe, lead; pres., dom. 65 lbs., f. 80 lbs.; cons. day, 600,000 gals.; wks. owned by Co.

SHIPMING, p. 12,448; f. area, 3,200 a.; merc. bldgs., bk., stn., metal, 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 str., 4 c. hand ex., 1 h. & l. trk., 1 hand cart, 1 supply wag., 3 hose car., 4 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; rub., 1,000 ft.; tot. hose, 6,000 ft.; f. al., Gamewell, 35 bx.; val. equip., \$25,886; val. bldgs., \$30,000; exp. dept., \$8,861; tot. mem., 62, pd. full time 3, pd. part time 60.

Water Supply—Src., lake, $2\frac{1}{2}$ m. bus. cent.; sys., grav., pump dir.; 3 pump. eng., cap. day 4,500,000 gals.; mains, wd., 28 m., 2 to 14 in. dia.; 135 hyd.; met., 1,825; 1,865 serv.; pipe, galv. i.; pres., dom. 30 lbs., f. 90 lbs.; cons. day, 1,120,000 gals.; cost, \$173,000; cost mtee., \$5,600; wks. owned by city.

ITHACA, p. 1,876; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., tel., wh. & bell; val. equip., \$5,000; exp. dept., \$700; tot. mem., 18, pd. full time 1, pd. part time 17.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 141,000 gals.; dim., 20 x 60; mat., stl.; 2 pump. cap. day, 275,000 gals.; mains, c. i., 6 m., 4 to 8 in. dia.; 55 hyd.; 800 serv.; 425 met.; pipe, iron; pres., dom. 26 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$35,000; wks. owned by village.

JACKSON, p. 31,433; f. area, 9 a.; merc. bldgs., bk. & stn., 1 to 7 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of fire inv. F. dept.—3 str., 1 aer. trk., 1 h. & l. trk., 5 comb. c. & h. wag., 22 hrs.; in reserve, 2 hose wag., 1 h. & l. trk.; hose, cot., rub. lined, gd., 15,000 ft.; inf., 600 ft.; tot. hose, 15,600 ft.; f. al., Gamewell, 120 bx.; val. equip., \$50,000; val. bldgs., \$60,000; exp. dept., \$50,000; tot. mem., 42, pd. full time.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., grav., pump to res.; res. cap., 100,000 gals., loc. at station; 3 pump. eng., cap. day 30,000,000 gals.; mains, iron, 86 m., 4 to 24 in. dia.; 690 hyd.; 2,100 v.; met., 6,160; 6,274 serv.; 673 v.; pipe, lead; pres., dom. 60 lbs., f. 90 lbs.; cons. day, 2,799,000 gals.; cost, \$520,000; cost mtee., \$12,000; wks. owned by city.

JENNINGS, p. 450. F. dept.—20 vol.; 2,650 ft. hose; f. al., magneto, 6 bx.

Water Supply—Src., lake; sys., grav.; mains, $3\frac{1}{2}$ m.; 33 hyd.

JONESVILLE, p. 1,396; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hose car., 1 h. & l. trk.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,500; exp. dept., \$400; tot. mem., 18, pd. part time.

Water Supply—Src., wells, 1,000 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 130,000 gals.;

dim., 16 x 85; mat., stl.; pump. eng., class comp., cap. day 1,500,000 gals.; mains, iron, 5½ m., 4 to 10 in. dia.; 43 hyd.; met., 4; 282 serv.; pipe, galv. i.; pres., dom. 55 to 70 lbs., f. 72 to 85 lbs.; wks. owned by city.

KALAMAZOO, p. 39,487; f. area, 9½ m.; merc. bldgs., bk., 1 to 10 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—5 comb. c. & h. wag., 4 str., 1 aer. trk., 1 h. & l. trk., 14 c. hand ex., 1 hose wag., 27 hrs.; hose, cot., rub. lined, gd., 13,000 ft.; inf., 500 ft.; tot. hose, 13,500 ft.; f. al., wh., 49 bx.; val. equip., \$68,000; val. bldgs., \$75,000; exp. dept., \$64,000; tot. mem. 53, pd. full time.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., dir. & pump to stdp.; 3 stdp., cap., 1,300,000 gals.; 4 pump. eng., cap. day, 8,500,000 gals.; mains, c. i., 87 in., 4 to 20 in. dia.; 732 hyd.; 1,650 v.; met., 6,469; 6,392 serv.; pipe, lead & iron; pres., dom. & f. 60 lbs.; cons. day, 2,000,000 gals.; cost mtce., \$15,000; wks. owned by city.

KALKASKA, p. 1,415; f. area, 30 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., telp. & wh.; tot. mem., 18 vol.

Water Supply—Src., riv.; sys., pump dir.; pump. eng., cap. day 1,560,000 gals.; mains, 4 m., 8 to 10 in. dia.; 36 hyd.; 195 serv.; pipe, galv. i.; pres., dom. 20 to 40 lbs., f. 100 lbs.; cost, \$18,000; cost mtce., \$2,000; wks. owned by town.

KINGSLEY, p. 637. F. dept.—1 c. eng., 1 hand h. & l. trk., 1,000 ft. hose; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$200; tot. mem. 25, pd. full time 1, vol. 24.

Water Supply—Src., wells & creek, ½ m. bus. cent.; sys., grav. & dir. pres.; 1 pump. eng., cap. day 25,000 gals.; mains, c. i., 1½ m., 4 to 6 in. dia.; 18 hyd.; 100 serv.; pres., dom. 50 lbs., f. 75 lbs.; cons. day, 10,000 gals.; cost, \$12,000; cost mtce., \$600; wks. owned by city.

KINGSTON, p. 817. F. dept.—1 hose cart, 500 ft. hose.

Water Supply—Src., wells; sys., grav. & dir. pres.

LAINGSBURG, p. 703. F. dept.—1 hand eng., 1 hand hose cart, 2 c. hand ex., 1 hand ladder trk.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; vol.

Water Supply—Src., wells.

LAKE CITY, p. 816. F. dept.—2 hose car.; hose, 1,000 ft.; f. al., wh.; vol.

Water Supply—Src., lake, 20 rds. bus. cent.; sys., dir. pres.; 2 pump. eng., cap. day 50,000 gals.; mains, wd., 2 m., 2 to 6 in. dia.; 13 hyd.; 8 v.; pres., dom. 40 lbs., f. 100 lbs.; wks. owned by priv. Co.

LAKE LINDEN, p. 3,000; f. area, 160 a.; merc. bldgs., stn., bk. & wd.; priv., bk. & wd., 2 to 8 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 aer. trk., 2 hose wag.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell & wh.; val. equip., \$4,000; exp. dept., \$600; tot. mem. 25, pd. full time 12, vol. 18.

Water Supply—Src., spr. & creek; sys., grav.; res. cap., 480,000 gals., loc. ½ m. city; 2 pump. eng., cap. day 35,000 gals.; mains, 4 m., 4 to 12 in. dia.; 43 hyd.; 278 serv.; pres., dom. 40 lbs., f. 130 lbs.; cost, \$75,000; cost mtce., \$1,000; wks. owned by Co.

LAKE ODESSA, p. 1,300. F. dept.—1 h. & l. trk., 2 hose carts; hose, 2,000 ft.; f. al., bell & telp.; val. equip., \$1,500; val. bldgs., \$1,500; exp. dept., \$400; tot. mem. 20, pd. part time.

Water Supply—Sys., pump dir.; mains, 4½ m.; 52 hyd.; pres., 75 lbs.

LAKEVIEW, p. 954. F. dept.—1 gas eng., 2 hand hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; vol.

Water Supply—Src., Tamarack lake & 5 cisterns, 1 m. bus. cent.; sys., dir. pres.; mains, 1,000 ft.; 4 hyd.; pres., dom. 35 lbs.; wks. owned by city.

LANSING, p. 31,229; f. area, 7¼ sq. m.; merc. bldgs., stn. & bk., 1 to 6 stor.; priv., stn., bk. & wd.; wd. rfs. not perm. in f. area; fwks. & combt.

ord. F. dept.—3 auto. str., 2 auto. comb. c. & h. wag., 1 auto. c. eng., 1 auto. chief's car., 1 h. & l. trk., 1 exercise wag., 11 hand ex., 2 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; fair, 2,000 ft.; tot. hose, 8,000 ft.; f. al., Gamewell, 81 bx.; val. equip., \$50,000; val. bldgs., \$33,000; exp. dept., \$46,000; tot. mem. 33, pd. full time.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 300,000 gals.; mat. boiler plate; 7 pump. eng., cap. day 15,250,000 gals.; mains, iron, 74 m., 6 to 16 in. dia.; 498 hyd.; met., 2,000; 4,800 serv.; 584 v.; pipe, lead; pres., dom. 65 lbs., f. 100 to 125 lbs.; cons. day, 4,000,000 gals.; cost, \$75,000; wks. owned by city.

LAPEER, p. 3,500; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 2 hose car., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$8,000; val. bldgs., \$6,000; exp. dept., \$1,600; tot. mem., 14 vol.; undra. rating, fourth class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump dir.; 3 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 11 m., 4 to 10 in. dia.; 96 hyd.; 105 v.; met., 33; 660 serv.; pipe, galv. i.; pres., dom. 40 to 45 lbs., f. 100 lbs.; cons. day, 500,000 gals.; cost, \$55,000; cost mtce., \$7,200; wks. owned by city.

LAURIUM, p. 8,537; f. area, 640 a.; merc. bldgs., wd. & bk., 2 & 4 stor.; priv., stn. & wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 str., 1 h. & l. trk., 1 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 2,600 ft.; inf., 400 ft.; tot. hose, 3,000 ft.; f. al., bell, wh. & elec., 6 bx.; val. equip., \$8,000; val. bldgs., \$6,000; exp. dept., \$1,296; tot. mem., 18 vol.

Water Supply—Src., lake, supplied by Calumet & Hecla Mining Co.

LAWRENCE, p. 663. F. dept.—1 c. eng., c. hand ex., 1 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$7,000; tot. mem., 15 vol.

Water Supply—Src., 3 wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals.; 1 pump. eng., cap. day 288,000 gals.; mains, 5 m., 4 to 6 in. dia.; 21 hyd.; 8 v.; 125 serv.; pres., dom. 50 lbs., f. 60 lbs.; cons. day, 40,000 gals.; cost, \$15,000; cost mtce., \$1,250; wks. owned by village.

LESLIE, p. 1,082; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; linen, gd., 1,300 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$4,600; exp. dept., \$800; tot. mem. 17, pd. part time.

Water Supply—Src., wells; sys., pump dir.; 2 pump. eng., class centrif., cap. day 750,000 gals.; mains, 4 m., 4 to 8 in. dia.; 24 hyd.; pres., f. 90 lbs.; cost, \$20,000.

LEXINGTON, p. 619; bldgs., bk. & wd. F. dept.—1 hand eng., 1 c. hand ex., 1 hose cart; hose, 1,200 ft.; f. al., bell; 4 ladders; tot. mem. 35 vol.

Water Supply—Src., 20 tk.

LINDEN, p. 550. F. dept.—3 c. eng., 750 ft. hose.

LOWELL, p. 1,761; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,000; tot. mem. 10, pd. part time.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res. & dir.; res. cap., 75,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. i., 13 m., 6 to 8 in. dia.; 60 hyd.; 35 v.; met., 30; 380 serv.; pipe, lead & iron; pres., f. 70 lbs.; cost, \$65,000; cost mtce., \$1,600; wks. owned by Grand Rapids Edison Co.

LUDINGTON, p. 9,132; merc. bldgs., bk., stn. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—6 c. hand ex., 2 h. & l. trk., 2 sleighs, 4 hose car.; hose, cot., rub. lined, gd., 5,600 ft.; f. al., Gamewell, 14 bx.; tot. mem. 27, pd. part time; undra. rating, third class.

Water Supply—Src., lake, 1½ m. bus. cent.; sys., pump dir.; 2 pump. eng., class comp. cond., cap. day 500,000 gals.; mains, c. i., 20 m., 4 to 16 in. dia.; 225 hyd.; 100 v.; met., 1,200; 1,600 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 80 to 120 lbs.; cons. day, 1,000,000 gals.; cost, \$138,000; cost mtce., \$11,000; wks. owned by city.

LUTHER, p. 626. F. dept.—1 hand hose cart, 800 ft. hose; f. al., bell.

LYONS, p. 611; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells; sys., pump dir.; pump. eng., cap. day 720,000 gals.; mains, 2,000 ft.; 7 hyd.; cost, \$10,000; wks. owned by village.

McBAIN, p. 546. F. dept.—1 hand f. eng., 1,500 ft. hose; f. al., bell; vol.

MANCELONA, p. 1,200; f. area, 320 a.; merc. bldgs., stn. & bk., 1 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 600 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; tot. mem., 20 vol.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump dir.; pump. eng., class dup., cap. day 2,300,000 gals.; mains, c. i., 3½ m., 2 to 8 in. dia.; 33 hyd.; 23 v.; 300 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 120 lbs.; cost, \$18,000; cost mtce., \$10,000; wks. owned by city.

MANCHESTER, p. 1,047; f. area, 1 m.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 comb. c. eng. & hose wag., 1 hand eng., 3 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels & cart, 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$300; tot. mem., 15 vol.

Water Supply—Src., riv., 6 res.; res. cap., 4,800 bbls.

MANISTEE, p. 12,381; f. area, 2.8 sq. m.; merc. bldgs., bk., stn. & wd., 2 to 4 stor.; priv., bk., stn. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 str., 1 h. & l. trk., 8 c. hand ex., 1 hose wag., 3 hose carts (in reserve, 2 hose reels), 8 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 1,900 ft.; tot. hose, 7,900 ft.; f. al., bell; 42 bx.; val. equip., \$37,000; val. bldgs., \$17,890; tot. mem. 12, pd. full time.

Water Supply—Src., well, ¾ m. bus. cent.; sys., pump dir.; 2 pump. eng., class comp. cond., cap. day 6,000,000 gals.; mains, c. i., 18.77 m., 4 to 16 in. dia.; 186 hyd.; 226 v.; met., 148; 2,069 serv.; pipe, galv. i.; pres., dom. 62 lbs., f. 120 lbs.; cons. day, 1,095,015 gals.; cost, \$190,850.89; cost mtce., \$11,988.52; wks. owned by city.

MANISTIQUE, p. 4,722; f. area, 2,000 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 str., 2 c. hand ex., 1 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 6,000 ft.; tot. hose, 9,000 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$5,500; exp. dept., \$5,000; tot. mem. 21, pd. full time 3, vol. 18.

Water Supply—Src., riv.; sys., grav., pump to stdp.; 2 pumps, class trip., cap. 375,000 gals. day; wks. owned by city.

MANTON, p. 1,069; f. area, 500 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 8 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 26 vol.

Water Supply—Src., creek & wells, ¼ m. bus. cent.; sys., pump dir.; pump. eng., cap. 1,500,000 gals.; mains, c. i., 4½ m., 4 to 8 in. dia.; 24 hyd.; 160 serv.; pipe, iron; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 400,000 gals.; cost, \$10,000; wks. owned by city.

MAPLE RAPIDS, p. 529. F. dept.—1 hand eng., 1,000 ft. hose; f. al., bell; 30 vol.

MARCELLUS, p. 1,047; merc. bldgs., stn. &

bk., 1 to 3 stor.; priv., stn. & bk., 2 stor.; wd. rfs. not perm. in f. area; combt. ord. F. dept.—1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$1,000; tot. mem., 14 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump dir.; 2 pump. eng., class dup., cap. day 750,000 gals.; mains, c. i., 3 m., 4 to 12 in. dia.; 84 hyd.; 100 serv.; pipe, wrt. i.; pres., dom. 45 lbs., f. 90 lbs.; cost, \$12,000; wks. owned by city.

MARINE CITY, p. 3,770; f. area, 600 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,450 ft.; f. al., Detroit elec., 25 bx.; val. equip., \$4,600; val. bldgs., \$6,500; exp. dept., \$800; tot. mem., 90 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day, 5,000,000 gals.; mains, iron, 16 m., 4 to 8 in. dia.; 84 hyd.; 1,000 serv.; pipe, galv. i. & lead; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 1,200,000 gals.; cost mtce., \$3,500; wks. owned by city.

MARION, p. 767. F. dept.—1 str., 1,000 ft. hose; f. al., bell; 12 vol.

MARLETTE, p. 1,062; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$1,250; val. bldgs., \$1,500; exp. dept., \$300; tot. mem. 15, pd. part time.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump dir.; res. cap., 148,000 gals., loc. at plant; 2 pump. eng., cap. day 1,500,000 gals.; mains, iron, 5½ m., 4 to 10 in. dia.; 35 hyd.; 10 met.; 15 v.; 375 serv.; pipe, iron; pres., dom. 40 lbs., f. 90 lbs.; cons. day, 20,000 gals.; cost, \$14,000; cost mtce., \$3,000; wks. owned by city.

MARQUETTE, p. 11,503; f. area, 300 a.; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & h. wag., 2 c. eng., 4 c. hand ex., 4 h. & l. trk., 2 hose wag., 9 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell, 23 bx.; val. equip., \$3,000; val. bldgs., \$18,000; tot. mem., 25, pd. full time 5, pd. part time 4, vol. 16.

Water Supply—Src., Lake Superior, 1½ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 6,000,000 gals.; mains, iron, 22 m., 4 to 20 in. dia.; 197 hyd.; 263 v.; 950 met.; 2,049 serv.; pipe, galv. i.; pres., dom. 95 lbs., f. 125 lbs.; cons. capita, 178 gals.; cost, \$201,828; cost mtce., \$11,000; wks. owned by city.

MARSHALL, p. 4,236; f. area, 1,000 a.; merc. bldgs., bk., stn. & wd., 2 to 4 stor.; priv., wd., 1 & 2½ stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 1 h. & l. trk., 6 c. hand ex., 2 hose wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell, 9 bx.; val. equip., \$4,000; val. bldgs., \$7,000; exp. dept., \$4,500; tot. mem., 35, pd. full time 2, pd. part time 33.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 235,000 gals.; dim., 20 x 100; mat., iron; 3 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 14½ m., 4 to 12 in. dia.; 109 hyd.; 70 v.; met., 280; 750 serv.; pipe, lead & galv. i.; pres., dom. 65 lbs., f. 100 lbs.; cons. day, 400,280 gals.; cost, \$60,000; wks. owned by city.

MASON, p. 1,742; f. area, 2,000 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., telp.; val. equip., \$6,000; val. bldgs., \$2,000; exp. dept., \$750; tot. mem., 12 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 135,525 gals.; dim., 15 x 103; mat., iron; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 5½ m., 4 to 10 in. dia.; 62 hyd.; 32 v.; met., 10; 352 serv.; pipe, lead; pres., dom. 65 lbs., f. 140 lbs.; cost, \$41,525; cost mtce., \$2,000; wks. owned by city.

MAYVILLE, p. 687. F. dept.—1,000 ft. hose; f. al., wh. & bell; vol.

Water Supply—Src., well & cistern; sys., dir. pres.; mains, 4 m.; 18 hyd.; pres., 60 lbs.

MEMPHIS, p. 557. F. dept.—2 hand c. eng., buckets; 30 vol.

MENDON, p. 768. F. dept.—1 str., 1 h. & 1 trk., 800 ft. hose, bell al.
No water supply.

MENOMINEE, p. 10,507; f. area, 800 a.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 f. boat, 4 c. hand ex., 1 h. & 1 trk., 1 comb. c. & h. wag., 3 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 800 ft.; tot. hose, 5,800 ft.; f. al., Gamewell, 65 bx.; exp. dept., \$16,500; tot. mem. 20, pd. full time 16, pd. part time 5.

Water Supply—Src., bay, in bus. cent.; sys., pump dir.; 4 pump. eng., cap. day 8,500,000 gals.; mains, c. l., 36 m., 4 to 16 in. dia.; 298 hyd.; met., 650; 1,950 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 90 to 125 lbs.; wks. owned by Co.

MERRILL, p. 505. F. dept.—1 gasoline eng., 1 hand eng., 2 hand hose carts, 1,500 ft. hose.
Water Supply—Src., 10 cisterns.

MICHIGAMME, p. 1,143; merc. bldgs., wd. F. dept.—1 h. & 1 trk., 1 str., 1 hand eng., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; tot. mem., 32 vol.

Water Supply—Src., tk.

MIDLAND, p. 2,527; f. area, 250 a.; merc. bldgs., wd., stn. & bk., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$1,800; val. bldgs., \$1,000; tot. mem. 14, pd. full time.

Water Supply—Src., riv.; sys., pump dir.; pump. eng., cap. day 8,000,000 gals.; mains, iron, 7 m., 6 to 12 in. dia.; 54 hyd.; 340 serv.; pipe, iron; pres., dom. 40 lbs., f. 90 to 125 lbs.; cost, \$26,000; cost mtce., \$2,300; wks. owned by city.

MILAN, p. 1,355. F. dept.—1 hand eng., 2 hose carts; hose, 1,000 ft.; f. al., bell; tot. mem., 17, pd. \$1.50 per fire.

Water Supply—Src., wells; std. cap., 750,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 6 m., 4 to 10 in. dia.; 30 hyd.; pres., dom. 40 lbs., f. 125 lbs.

MILFORD, p. 973; f. area, 4 m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—12 c. hand ex., h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell, wh. & elec.; val. equip., \$2,000; val. bldgs., \$1,200; exp. dept., \$100; tot. mem., 45 vol.

Water Supply—Src., wells, cent. bus. district; sys., pump dir.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. & wrt. l., 8 m., 4 to 12 in. dia.; 320 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$30,000; cost mtce., \$2,500; wks. owned by village.

MILLERSBURG, p. 519. F. dept.—1 hose cart, 1,500 ft. hose; bell al.; vol.

MILLINGTON, p. 623. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose carts; hose, 1,100 ft.; f. al., bell; 20 vol.

Water Supply—Thirteen wells.

MINDEN CITY, p. 332. F. dept.—2 c. eng., 1 c. hand ex., 8 ladders; hose, cot., rub. lined, gd., 400 ft.; rub., gd., 200 ft.; tot. hose, 600 ft.; f. al., bell; vol.

Water Supply—Src., res.

MONROE, p. 6,893; f. area, 50 a.; merc. bldgs., bk., 3 stor.; priv., bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & 1 trk., 2 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; val. equip., \$8,000; val. bldgs., \$10,000; tot. mem. 28 vol., pd. full time 2.

Water Supply—Src., lake, 2½ m. bus. cent.; sys., pump dir.; 3 pump. eng., class comp. cond., cap. day, 5,500,000 gals.; mains, c. l., 24 m., 4 to 16 in. dia.; 150 hyd.; 120 v.; met., 1,100; 2,100 serv.; pipe, galv. i. & lead; pres., dom. 45 lbs., f. 150 lbs.; cons. day, 1,000,000 gals.; cost \$150,000; cost mtce., \$6,000; wks. owned by Co.

MONTAGUE, p. 942; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 str.,

1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., wh. & bell; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$300; tot. mem., 25 vol.

Water Supply—Src., creek & spr.; sys., pump dir.; pump. eng., cap. day 619,200 gals.; mains, 2 m., 4 in. dia.; 19 hyd.; wks. owned by city.

MONTROSE, p. 443. F. dept.—1 hand eng. & hose cart, 1,000 ft. hose; bell al.; 30 vol.

MORENCI, p. 1,515; f. area, 20 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hand eng., 1 c. eng., 1 h. & 1 trk., 1 comb. aer. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,450 ft.; f. al., bell; val. equip., \$18,000; val. bldgs., \$3,500; exp. dept., \$300; tot. mem., 84 vol.

Water Supply—Src., wells, 1-5 m. bus. cent.; sys., dir. pres.; res. cap., 80,000 gals.; 1 pump. eng., class dup., cap. day, 980,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 29 hyd.; 80 met.; pipe, iron; pres., dom. 40 lbs., f. 100 lbs.; cost, \$15,500; wks. owned by city.

MORRICE, p. 470. F. dept.—1 hand eng.; vol.

MT. CLEMENS, p. 7,707; f. area, 5 sq. m.; merc. bldgs., bk., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & 1 trk., 1 comb. c. hose wag., 2 hose wag., 2 hose carts, 5 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., wh., 36 bx.; val. equip., \$24,000; exp. dept., \$8,000; tot. mem. 26, pd. full time 6, vol. 20.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., pump dir.; 4 pump. eng., class dup. & trip. cap. day 8,000,000 gals.; mains, c. l., 24 m., 4 to 14 in. dia.; 217 hyd.; 198 v.; met., 786; 1,690 serv.; pipe, lead; pres., dom. 50 lbs., f. 140 lbs.; cons. day, 1,400,000 gals.; cost, \$145,000; cost mtce., \$13,000; wks. owned by city.

MT. MORRIS, p. 513; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., ½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 450 ft.; inf., 100 ft.; tot. hose, 550 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,000; exp. dept., \$150; tot. mem., 30 vol.

Water Supply—Src., 12 wells, cap. 48,000 gals.

MT. PLEASANT, Isabella Co., p. 3,072; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 h. & 1 trk., 1 c. hand ex., 1 comb. c. & h. wag., 3 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell & elec., 11 bx.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$2,000; tot. mem. 10, pd. part time.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 70 hyd.; 45 v.; 375 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 80 to 100 lbs.; cost, \$24,000; cost mtce., \$2,000; wks. owned by city.

MUNISING, p. 2,952; f. area, 350 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 hose sleigh, 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 300 ft.; tot. hose, 2,300 ft.; f. al., elec., 25 bx.; val. equip., \$5,300; val. bldgs., \$2,000; exp. dept., \$1,500; tot. mem., 25 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 165,000 gals.; dim., 25 x 40; mat., boiler i.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 6½ m., 6 in. dia.; 50 hyd.; 23 v.; met., 24; 190 serv.; pipe, galv. i. & lead; pres., dom. 110 lbs., f. 125 lbs.; cons. day, 110,000 gals.; cost, \$37,000; cost mtce., \$3,000; wks. owned by city.

MUSKEGON, p. 24,062; f. area, 6 sq. m.; merc. bldgs., stn., bk. & wd., 1 to 6 stor.; priv., stn., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 5 c. hand ex., 1 aer. trk., 3 comb. c. & h. wag., 3 hose wag., 1 h. & 1 trk., 1 aer. trk. in reserve, 19 hrs (5 in reserve); hose, cot., rub. lined, gd., 13,650 ft.; c., 550 ft.; tot. hose, 13,200 ft.; f. al., Gamewell, 46 bx.; val. equip., \$50,000; val. bldgs., \$23,000; exp. dept., \$33,000; tot. mem. 42, pd. full time 21, pd. part time 21.

Water Supply—Src., lake, $4\frac{1}{2}$ m. bus. cent.; sys., dir. pres.; 3 pump. eng., class triple comp., cap. day 12,000,000 gals.; mains, c. l., 72.04 m., 4 to 24 in. dia.; 597 hyd.; 578 v.; met., 2,025; 4,831 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 4,125,000 gals.; cost, \$586,000; cost mtce., \$13,000; wks. owned by city.

MUSKEGON HEIGHTS, p. 1,690; merc. bldgs., bk. F. dept.—3 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell; tot. mem., 23, part pd.

NASHVILLE, p. 1,346; f. area, 720 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$1,000; tot. mem. 42, part time.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., grav. & pump to stdp. & dir.; stdp. cap., 70,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, $4\frac{1}{2}$ m., 4 to 8 in. dia.; 39 hyd.; 81 v.; 277 serv.; pres., dom. 50 lbs., f. 80 lbs.; cons. day, 100,000 gals.; cost, \$19,080; cost mtce., \$1,450; wks. owned by city.

NEGAUNEE, p. 8,460; f. area, 80 a.; merc. bldgs., bk., stn. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose wag., 8 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; rub. gd., 800 ft.; inf., 500 ft.; tot. hose, 4,300 ft.; f. al., bell; val. equip., \$14,800; val. bldgs., \$8,000; exp. dept., \$2,700; tot. mem., 60 vol.; undra. rating, third class.

Water Supply—Src., lake, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. min. 2,000 gals.; mains, wd., 17 m., 4 to 10 in. dia.; 70 hyd.; 70 v.; 1,000 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 100 lbs.; cost, \$55,098; cost mtce., \$8,500; wks. owned by city.

NEWAYGO, p. 1,207; f. area, 300 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., elec.; val. equip., \$2,000; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 36 vol.

Water Supply—Src., wells & spr.; sys., pump dir.; 2 pump. eng., cap. day 750,000 gals.; mains, 2 m., 4 to 8 in. dia.; 14 hyd.; 5 v.; 45 serv.; pres., dom. 12 to 40 lbs.; f. 60 to 90 lbs.; cost, \$12,000; cost mtce., \$500; wks. owned by city.

NEW BALTIMORE, p. 920. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell & wh.; tot. mem., 12 vol.

Water Supply—Src., St. Clair riv., 1 m. bus. cent.; sys., dir. pres.; mains, 10 m.; 40 hyd.; pres., dom. 40 lbs., f. 100 lbs.; wks. owned by city.

NEWBERRY, p. 1,182; merc. bldgs., wd., $2\frac{1}{2}$ stor.; priv., wd., 2 stor. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 1,500 ft.; tot. hose, 2,500 ft.; tot. mem. 17, part time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; 3 pump. eng., class dup.; mains, c. l., $3\frac{1}{2}$ m., 4 to 8 in. dia.; 24 hyd.; 15 v.; 200 serv.; pipe, galv. i.; pres., dom. 45 to 50 lbs., f. 90 to 110 lbs.; cost, \$15,500; wks. owned by city.

NEW BUFFALO, p. 528. F. dept.—1 hand eng., 1 hand ladder trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; vol.

Water Supply—Src., 5 cisterns, cap. 4,000 gals.

NILES, p. 5,156; f. area, 80 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—24 c. hand ex., 1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; linen, gd., 500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$1,200; tot. mem. 75, part time; undra. rating, fourth class.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump to res.; stdp. dim., 20 x 105, loc. on highest point in city; mat., stl.; res. cap., 300,000 gals.; 2 pump. eng., size 12 x 18, cap. day 1,250,000 gals.; mains, c. l., 14 m., 4 to 14 in. dia.; 155 hyd.; met., 281; 771 serv.; pipe, wrt. l. & lead; pres., dom. 75 lbs., f. 100 lbs.; cons. day, 551,839 gals.; cost, \$76,000; cost mtce., \$10,543; wks. owned by city.

NORTH BRANCH, p. 717. F. dept.—1 hand eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 800 ft.; inf., 200 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$1,000; tot. mem., 35 vol.

Water Supply—Cisterna.

NORTHVILLE, p. 1,665; f. area, 640 a.; mera. bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 200 ft.; tot. hose, 2,200 ft.; f. al., bell, wh. & elec.; val. equip., \$2,300; val. bldgs., \$3,000; exp. dept., \$200; tot. mem., 35 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav.; res. cap., 2,500,000 gals.; mains, c. l., 12 m., 4 to 10 in. dia.; 54 hyd.; 40 v.; met., 1; 830 serv.; pipe, lead; pres., dom. 50 lbs., f. 70 lbs.; cost, \$48,000; cost mtce., \$200; wks. owned by city.

NORWAY, p. 4,974; f. area, 3 sq. m.; merc. bldgs., bk., conc. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., elec., 25 bx.; val. equip., \$4,000; val. bldgs., \$25,000; exp. dept., \$2,640; tot. mem. 14, part time 3, vol. 11.

Water Supply—Src., 2 lakes, 5 m. bus. cent.; sys., grav. & pump to res.; 2 res., comb. cap. 488,000 gals.; 3 pump. eng., class trip., cap. day 1,500,000 gals.; mains, wd. & c. l., 24 m., 1 $\frac{1}{2}$ to 12 in. dia.; 105 hyd.; 295 v.; met., 160; 900 serv.; pipe, galv. i. & lead; pres., dom. 60 lbs., f. 110 lbs.; cost mtce., \$6,500; wks. owned by city.

ONAWAY, p. 2,702. F. dept.—2 hose carts, 1 h. & l. trk.; hose, 2,500 ft.; f. al., telp. sys.; tot. mem., 20 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., air lift; mains, c. l., 5 m., 4 to 10 in. dia.; 42 hyd.; 28 v.; 15 met.; 365 serv.; pipe, iron; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$65,000; cost mtce., \$8,000; wks. owned by city.

ONTONAGON, p. 1,964. F. dept.—1 stm. eng., 2 h. & l. trk., 5 hose car.; hose, 4,200 ft.; f. al., bell & wh.; tot. mem., 48.

Water Supply—Src., Lake Superior; sys., pump; res. cap., 100,000 gals.

OPECHIE, p. 1,000. F. dept.—2 hand hose carts & reels, 3,000 ft. hose; vol. No waterwks.

ORION, p. 717; bldgs., bk. & wd. F. dept.—1 hand eng., 1 hose cart; hose, 500 ft.; f. al., bell; vol. dept.

Water Supply—Src., wells & lake.

ORONOKO, Berrien Co. F. dept. not reported.

Water Supply—Src., deep well, $\frac{1}{2}$ m. bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; dim., 18 x 26; mat., stl.; 1 pump. eng., cap. day 75,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 12 hyd.; 18 v.; met., 20; pipe, wrt. i.; pres., dom. & f. 65 lbs.; cons. day, 45,000 gals.; cost, \$19,000; cost mtce., \$750; wks. owned by city.

ORTONVILLE, p. 377. F. dept.—1 hand eng., 250 ft. hose; 20 vol.

OSCODA, p. 864; bldgs., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 6 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., elec. wh., bell; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$2,500; tot. mem., 14 vol.

Water Supply—Src., lake; sys., pump to stdp. & dir.; stdp. cap., 50,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 5 m., 4 to 8 in. dia.; 97 hyd.; 25 v.; 230 serv.; pipe, iron; pres., dom. 40 lbs., f. 100 to 160 lbs.; cost, \$24,000; cost mtce., \$3,000; wks. owned by city.

OTSEGO, p. 2,812; f. area, 800 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 2 hose carts, 1 hose wag.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 500 ft.; tot. hose, 2,900 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$8,000; exp. dept., \$200; tot. mem., 70 vol.

Water Supply—Src., riv., in bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 8 m., 4 to 14 in. dia.; 62 hyd.; 25 v.; 525 serv.; 1 met.; pipe, iron; pres., dom. 50 lbs., f. 120 lbs.; cons. day, 30,000 gals.; cost, \$10,000; cost mtce., \$700; wks. owned by city.

OIDV, p. 1,078; f. area, 700 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 1 hose sleigh; hose, cot., rub. lined, gd., 1,400 ft.; inf., 100 ft.; tot. hose, 1,500 ft.; f. al., telp.; val. equip., \$4,000; val. bldgs., \$3,000; exp. dept., \$150; tot. mem., 10, pd. part time 1, vol. 9.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap. 60,000 gals., loc. at station; mat., white pine; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, wd. & stl.; 36 hyd.; 23 v.; 175 serv.; pipe, iron; pres., dom. 38 lbs.; f. 90 lbs.; cost, \$30,000; cost mtce., \$1,500; wks. owned by city.

OWOSSO, p. 9,689; f. area, 1,280 a.; merc. bldgs., bk., 1 to 5 stor.; priv., wd., 3 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 str., 2 comb. wag., 1 h. & 1 trk., 1 hose wag., 2 hose car., 6 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 29 bx.; val. equip., \$12,000; val. bldgs., \$10,000; exp. dept., \$10,000; tot. mem., 10, pd. full time; undrs. rating, first class.

Water Supply—Src., wells & spr., 1 m. bus. cent.; sys., grav., pump dir.; res. cap., 450,000 gals.; 3 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 25 1/2 m., 4 to 12 in. dia.; 190 hyd.; met., 1,500; 1,675 serv.; pres., dom. 45 lbs.; f. 100 lbs.; cost, \$117,000; cost mtce., \$11,500; wks. owned by city.

OXFORD, p. 1,191; f. area, 400 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car., 12 pails; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$2,500; exp. dept., \$300; tot. mem., 25, pd. part time.

Water Supply—Src., wells & spr., pump dir.; pump. eng., cap. day 1,500,000 gals.; mains, stl., 5 1/2 m., 4 to 10 in. dia.; 36 hyd.; 150 serv.; pres., dom. 55 lbs.; f. 100 to 150 lbs.; cost, \$6,000; wks. owned by city.

PAW PAW, p. 1,643; merc. bldgs., bk. & wd., 1 to 8 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 25 c. hand ex., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 200 ft.; tot. hose, 2,400 ft.; f. al., bell, wh. & elec., 9 bx.; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 60 vol.

Water Supply—Src., wells, 1/2 m. bus. cent.; sys., pump to stdp.; stdp. cap. 65,000 gals.; mat., iron; res. cap., 300,000 gals.; 3 pump. eng., cap. day 1,440,000 gals.; mains, iron, 6 m., 4 to 10 in. dia.; 40 hyd.; 23 v.; met., 395; pres., dom. 65 lbs.; f. 125 lbs.; cons. day, 255,000 gals.; cost, \$20,000; cost mtce., \$1,500; wks. owned by village.

PENTWATER, p. 1,129; f. area, 30 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,950 ft.; f. al., bell; val. bldgs., \$4,000; exp. dept., \$500; tot. mem., 31 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump dir.; res. cap., 70,000 gals.; pump. eng., cap. day 350,000 gals.; mains, iron, 3 1/2 m., 4 to 8 in. dia.; 24 hyd.; 12 v.; 263 serv.; pipe, iron; pres., dom. 40 lbs.; f. 80 lbs.; cost, \$7,000; cost mtce., \$2,500; wks. owned by village.

PERRY, p. 720. F. dept.—1 hand eng., 1 hand c. eng., 800 ft. hose; bell al.; vol.

PETOSKEY, p. 4,778; f. area, 1,872 a.; merc. bldgs., wd., bk. & stl., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—3 comb. hose & h. & l. wag., 4 hand ex., 1 hand reel, 4 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bell, 16 bx.; val. equip., \$5,000; val. bldgs., \$4,000; exp. dept., \$3,000; tot. mem., 20, pd. full time.

Water Supply—Src., well, 1/2 m. bus. cent.; sys., pump to res.; res. cap., 150,000 gals., loc. 1 1/2 m. from station; 2 pump. eng., class dup., cap. day 2,500,000 gals.; mains, c. i. & wd., 15.7 m., 6 in. dia.; 72 hyd.; 242 v.; met., 302; 825 serv.; pipe, galv. i.; pres., dom. 120 lbs.; cons. day, \$78,000 gals.; cost, \$47,000; cost mtce., \$4,860; wks. owned by city.

PEWAMO, p. 289. F. dept.—1 hand eng., 400 ft. hose; vol.

Water Supply—Src., cisterns.

PICONING, p. 677. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; tot. mem., 5, pd. full time 1, pd. part time 4.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump; mains, 2 m.; 12 hyd.; pres., dom. 25 lbs.; f. 100 lbs.; wks. owned by city.

PIGEON, p. 687. F. dept.—1 hand hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 12 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 1 pump. eng., cap. day 432,000 gals.; mains, 2 1/2 m., 4 to 6 in. dia.; 22 hyd.; pres., dom. 35 lbs.; f. 80 lbs.; cons. day, 12,000 gals.; wks. owned by city.

PLAINWELL, p. 1,493; f. area, 6 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 4 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., telp. & wh.; val. equip., \$2,000; val. bldgs., \$2,400; exp. dept., \$400; tot. mem., 32, 2 pd. full time, 30 vol.

Water Supply—Src., riv., sys., pump dir.; pump. eng., cap. day 1,500,000 gals.; mains, 4 1/2 m., 4 to 8 in. dia.; 37 hyd.; 6 v.; 164 serv.; pres., f. 40 to 80 lbs.; cost, \$29,750; cost mtce., \$600; wks. owned by village.

PLYMOUTH, p. 1,671; f. area, 600 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 3 hose car., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$500; tot. mem., 51 vol.

Water Supply—Src., spr., 4 1/2 m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals.; mains, c. i., 6 1/2 m., 4 to 10 in. dia.; 86 hyd.; 450 serv.; pipe, lead & i.; pres., dom. 48 lbs.; f. 48 lbs.; cons. day, 30,000 gals.; cost, \$65,000; cost mtce., \$1,500; wks. owned by city.

PONTIAC, p. 14,532; f. area, 4,800 a.; merc. bldgs., bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 auto. comb. c. eng. & hose trk., 4 c. hand ex., 1 chiefs wag., 1 comb. c. & h. wag., 2 hose wag., 1 h. & 1 trk., 1 aer. trk., 1 hose reel, 5 hrs.; hose, cot., rub. lined, gd., 3,800 ft.; f. al., Gamewell, 88 bx.; val. equip., \$32,700; val. bldgs., \$14,000; exp. dept., \$18,000; tot. mem., 18, pd. full time 13, pd. part time 5; undrs. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; res. cap., 2,000,000 gals., in reserve; 3 pump. eng., class trip. & comp. dup. cond., cap. day 3,000,000 gals.; mains, c. i., 40 m., 4 to 20 in. dia.; 417 hyd.; 560 v.; met., 1,900; 3,300 serv.; pipe, galv. i. & lead; pres., dom. 55 lbs.; f. 125 lbs.; cons. day, 2,500,000 gals.; cost, \$250,000; cost mtce., \$7,000; wks. owned by city.

PORT HURON, p. 18,863; f. area, 4,480 a.; merc. bldgs., stn. & bk., 2 to 5 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 comb. c. & h. wag., 6 c. hand ex., 1 h. & 1 trk., 2 supply wag., 1 hose car., 4 hand carts, 13 hrs.; hose, cot., rub. lined, gd., 10,000 ft.; f. al., Gamewell, 25 bx.; val. equip., \$20,000; val. bldgs., \$25,000; exp. dept., \$20,000; tot. mem., 21, pd. full time 21.

Water Supply—Src., St. Clair riv. & well, 1/2 m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 17,000,000 gals.; mains, iron, 64 m., 2 to 24 in. dia.; 333 hyd.; met., 437; 7,000 serv.; pipe, lead & iron; pres., dom. 42 lbs.; f. 120 lbs.; cons. day, 7,500,000 gals.; cost, \$516,538; cost mtce., \$19,664; wks. owned by city.

PORTLAND, p. 1,832; f. area, 10 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose wag.; hose, cot., rub. lined, gd., 2,350 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$186; tot. mem., 22, pd. part time 12, vol. 10.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 85,000 gals.; dim., 12 x 100; mat., stl.; 2 pump. eng., class dup., cap. day, 4,000,000 gals.; mains, c. i., 6 m., 4 to 10 in. dia.; 57 hyd.; 40 v.; 600 serv.; pipe, c. & galv. i.; pres., dom. 60 to 65 lbs.; f. 65 to

100 lbs.; cons. day, 250,000 gals.; cost, \$70,000; cost mtce., \$1,500; wks. owned by city.

QUINCY, p. 1,847; f. area, 180 a.; merc. bldgs., bk., 2 & 3 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al. bell; val. equip., \$1,000; val. bldgs., \$2,500; tot. mem., 50 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 5 m., 4 to 10 in. dia.; 42 hyd.; 6 met.; 300 serv.; pipe, iron; pres., dom. 60 lbs.; f. 125 lbs.; cost, \$13,000; cost mtce., \$3,000; wks. owned by city.

QUINNEBEC, p. 332. F. dept.—1 hand hose cart; hose, cot., rub. lined, gd., 800 ft.; fair, 200 ft.; tot. hose, 1,000 ft.; tot. mem., 6, pd. full time 1, vol. 4.

READING, p. 1,102; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al. bell & wh.; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 32 vol.

Water Supply—Src., wells; sys., pump dir.; 2 pump. eng., cap. day 3,000,000 gals.; mains, iron, 4½ m., 4 to 8 in. dia.; 39 hyd.; pres., dom. 40 to 45 lbs., f. 90 lbs.; cost, \$22,500.

RED JACKET, p. 4,211; f. area, 94 a.; merc. bldgs., stn., bk. & wd., 2 to 4 stor. F. dept.—2 c. hand ex., 1 str., 1 h. & l. trk., 1 hose wag., 2 hose reels, 8 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 9 bx.; val. equip., \$12,000; tot. mem., 21, pd. full time 4, vol. 17.

Water Supply—Src., dam; sys. pump.

REED CITY, p. 1,690; f. area, 640 a.; bldgs., bk., stn. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, rub., gd., 2,500 ft.; f. al., wh.; val. equip., \$2,000; exp. dept., \$150; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., wells & riv., ¼ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day, 3,000,000 gals.; mains, iron & wd., 5 m., 4 to 12 in. dia.; 45 hyd.; 50 v.; 400 serv.; pres., dom. 40 lbs., f. 70 lbs.; cost, \$15,000; cost mtce., \$2,500; wks. owned by city.

REPUBLIC, p. 2,420; f. area, 240 a. F. dept.—1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 750 ft.; rub., gd., 750 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$8,500; val. bldgs., \$3,000; tot. mem., 12 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to res.; res. cap., 350,000 gals.; 2 pump. eng., cap. day, 750,000 gals.; mains, wd., 8 m., 6 to 8 in. dia.; 40 hyd.; 30 v.; pipe, wd.; pres., dom. 60 lbs., f. 60 to 80 lbs.; cons. day, 60,000 gals.; cost, \$25,000; cost mtce., \$1,500; wks. owned by city.

RICHMOND, p. 1,277; f. area, 960 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,300 ft.; inf., 300 ft.; tot. hose, 1,600 ft.; f. al., bell & wh.; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 85, pd. full time.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 85,000 gals.; dim., 12 x 100; 3 pump. eng., cap. day 750,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 52 hyd.; met., 2; 350 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 90 lbs.; cons. day, 175,000 gals.; cost, \$22,000; cost mtce., \$3,000; wks. owned by town.

RIVER ROGUE, p. 4,168. F. dept.—2 c. ex., 3 hose carts; hose, 3,000 ft.; f. al., Gamewell, 16 bx.; tot. mem., 18, part pd.

Water Supply—Sys., pump dir.; mains, 12 m.; 90 hyd.; pres., 85 lbs.

ROCHESTER, p. 1,516; merc. bldgs., bk. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., wh.; tot. mem., 32 vol.

Water Supply—Src., wells & spr., 2¼ m. bus. cent.; sys., grav.; 2 res. cap., 2,625,000 gals.;

mains, c. l., 10 m., 4 to 12 in. dia.; 59 hyd.; 79 v.; met., 15; 480 serv.; pipe, galv. i.; pres., dom. 50 to 75 lbs., f. 50 to 75 lbs.; cost, \$47,000; cost mtce., \$750; wks. owned by city.

ROCKFORD, p. 843; merc. bldgs., bk. F. dept.—2 hose car.; hose, 1,200 ft.; f. al., bell; tot. mem., 23 vol.

Water Supply—Src., riv.; sys., grav. & pump.; cap. pumps day, 1,000,000 gals.; cap. res., 100,000 gals.; mains, 4 m.; 27 hyd.

ROGERS, p. 705. F. dept.—1 c. hand ex., 1 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells.

ROMEO, p. 1,787; f. area, 400 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 500 ft.; tot. hose, 2,000 ft.; f. al., bell, elec. wh.; val. equip., \$4,000; val. bldgs., \$2,500; exp. dept., \$400; tot. mem., 40, pd. part time; undra. rating, first class.

Water Supply—Src., wells, 1¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 90,000 gals.; dim., 20 x 40; mat., stl.; 2 pump. eng., class dup., cap. day, 1,500,000 gals.; mains, iron, 8½ m., 4 to 10 in. dia.; 74 hyd.; 32 v.; met., 80; 400 serv.; pipe, galv. i. & lead; pres., dom. 60 lbs., f. 100 lbs.; cost, \$36,281; cost mtce., \$2,400; wks. owned by city.

ROSCOMMON, p. 425. F. dept.—2 hose carts, 1,400 ft. hose; f. al., wh. & bell; vol.

Water Supply—Src., creek, pump to stdp., grav. & dir. pres.; 12 hyd.; 1 m. mains.

SAGINAW, p. 50,510; f. area, 1,000 a.; merc. bldgs., stn. & bk., 1 to 6 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto comb. pump. eng. & hose wag., 6 c. hand ex., 2 h. & l. trk., 9 hose wag. (2 in reserve), 3 hose reels, 26 hrs. (3 in reserve); hose, cot., rub. lined, gd., 22,450 ft.; f. al., Gamewell, 100 bx.; val. equip., \$50,000; val. bldgs., \$44,000; exp. dept., \$50,000; tot. mem., 54, pd. full time 47, pd. part time 7; undra. rating, second class.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump dir.; 5 pump. eng., class hor., cap. day, 28,000,000 gals.; mains, c. l., 114 m., 4 to 24 in. dia.; 978 hyd.; met., 354; 5,300 serv.; 881 v.; pipe, lead; pres., dom. 50 lbs., f. 80 to 90 lbs.; cons. day, 9,355,168 gals.; cost, \$1,000,000; cost mtce., \$35,000; wks. owned by city.

ST. CHARLES, p. 1,451; f. area, 620 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 12 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., tel., wh. & bell; val. equip., \$2,950; val. bldgs., \$500; exp. dept., \$535; tot. mem., 23, pd. full time 2, pd. part time 21.

Water Supply—Src., riv. & tk.; sys., dir. pres.; 4¼ m. mains; mat., wd.; 9 hyd.

ST. CLAIR, p. 2,633; f. area, 300 a.; bldgs., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car., 1 hose wag., 1 ball spray nozzle; hose, linen, gd., 2,500 ft.; f. al., Gamewell, 15 bx.; tot. mem., 20 vol.; undra. rating, fourth class.

Water Supply—Src., riv., 500 ft. bus. cent.; sys., pump dir.; 2 pumps, cap. day 2,500,000 gals.; mains, c. l., 10 m., 4 to 8 in. dia.; 56 hyd.; 133 v.; met., 2; 790 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 100 lbs.; cons. day, 600,000 gals.; cost, \$30,000; wks. owned by city.

ST. IGNACE, p. 2,118; f. area, 2,640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 1 h. & l. trk., 3 hose car.; hose, rub., gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$3,153; val. bldgs., \$2,500; tot. mem., 24 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; dim., 13 x 75; mat., stn., iron & wd.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 43 hyd.; 300 serv.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 500,000 gals.; cost, \$40,000; wks. owned by city.

ST. JOHNS, p. 3,154; f. area, 1,000 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd.

rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 5 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al. bell & wh.; val. equip., \$7,000; val. bldgs., \$3,000; exp. dept., \$600; tot. mem., 36 vol.

Water Supply—Src., wells, $\frac{3}{4}$ m. bus. cent.; sys., pump dir.; res. cap., 144,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. l., 10 m., 2½ to 10 in. dia.; 98 hyd.; 50 v.; 350 met.; 896 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 100 lbs.; cons. day, 186,000 gals.; cost, \$66,000; cost mtce., \$11,000; wks. owned by city.

ST. JOSEPH, p. 5,936; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 str., 1 hose wag., 2 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al. bell & elec.; val. equip., \$7,500; tot. mem., 18, pd. full time 3, pd. part time 15.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 133,000 gals.; dim., 15 x 100; mat., stl.; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. l., 24 m., 4 to 12 in. dia.; 130 hyd.; 180 v.; met., 1,290; 16,000 serv.; pipe, lead; pres., dom. 60 to 75 lbs., f. 120 lbs.; cons. day, 500,000 gals.; cost, \$1,000,800; cost mtce., \$7,829; wks. owned by city.

ST. LOUIS, p. 1,940; f. area, 600 a.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 300 ft.; tot. hose, 2,500 ft.; f. al. bell; val. equip., \$8,200; val. bldgs., \$6,000; exp. dept., \$940; tot. mem., 12, pd. full time 1, pd. part time 11.

Water Supply—Src., riv., in bus. cent.; sys., pump dir.; res. cap., 9,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, iron & wd., 8 m., 4 to 10 in. dia.; 73 hyd.; 20 v.; 180 serv.; pipe, lead; pres., dom. 45 lbs., f. 80 to 100 lbs.; cost, \$26,000; cost mtce., \$1,000; wks. owned by city.

SALINE, p. 816. F. dept.—1 hand eng., 1 h. & l. trk.; hose, 1,100 ft.; f. al. bell; vol. company.

Water Supply—Well, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; res. cap., 54,000 gals.; 1 pump. eng., cap. day 720,000 gals.; mains, c. l., 5 m., 4 to 10 in. dia.; 34 hyd.; 26 v.; 14 met.; 114 serv.; pres., dom. 54 lbs., f. 110 lbs.; cons. day, 50,000 gals.; cost, \$29,000; wks. owned by village.

SANDUSKY, p. 993; f. area, 450 a. F. dept.—1 h. & l. trk., 2 hand eng., 1 hose cart, 2,000 ft. hose; f. a. wh.; val. equip., \$3,500; val. bldgs., \$500; tot. mem., 10, pd. part time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; res. cap., 50,000 gals.; 1 pump. eng.; cap. day, 290,000 gals.; mains, 4 m., 2 to 8 in. dia.; 22 hyd.; 15 v.; 160 serv.; pres. dom. 45 lbs., f. 100 lbs.; cons. day, 60,000 gals.; cost, \$15,000; cost mtce., \$1,000; wks. owned by city.

SAUGATUCK, p. 631. F. dept.—2 hand hose carts, 1 hand ladder trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al. bell; tot. mem., 15 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 2 pump. eng.; mains, 1 1-8 m., 4 to 8 in. dia.; 15 hyd.; pres., dom. 150 lbs., f. 175 lbs.; wks. owned by city.

SAULTE STE. MARIE, p. 12,615; f. area, 3,200 a.; merc. bldgs., bk., stn. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—3 c. hand ex., 1 h. & l. trk., 3 hand reels, 2 hose wag., 1 hose car., 6 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., Gamewell, 30 bx.; val. equip., \$20,000; val. bldgs., \$19,000; exp. dept., \$3,886; tot. mem., 24, pd. full time 3, vol. 21; undrs. rating, second class.

Water Supply—Src., riv., 3.7 m. bus. cent.; sys., dir.; pump. eng., class comp., cap. day 5,000,000 gals.; mains, c. l. & kalamain, 32 m., 4 to 24 in. dia.; 255 hyd.; 310 v.; met., 180; 2,700 serv.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 3,500,000 gals.; cost, \$375,000; cost mtce., \$19,021; wks. owned by city.

SCHOOLCRAFT, p. 816; f. area, 400 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 300 ft.; val. equip., \$700; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., vol.

Water Supply—Src., wells & cisterna.

SCOTTVILLE, p. 891. F. dept.—2 hand hose carts, 1 hand h. & l. trk., 1,500 ft. hose; bell al., 20 vol.

Water Supply—Src., well; sys., grav. & dir. pres.; mains, 2 m.; 18 hyd.; pres., 35 to 45 lbs.

SEBAWAING, p. 1,347; f. area, 1½ a. F. dept.—1 auto. str., 1 c. eng., 2 hose carts, 2,500 ft. hose; val. equip., \$5,000; val. bldgs., \$2,500; exp. dept., \$800; tot. mem., 35, pd. part time; undrs. rating, second class.

Water Supply—Src., riv. & cisterna; sys., pump dir.

SHELBY, p. 1,260; f. area, 40 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al. bell; val. equip., \$4,000; val. bldgs., \$1,700; exp. dept., \$50; tot. mem., 26 vol.

Water Supply—Src., wells, 1,100 ft. bus. cent.; sys., pump to res. & dir.; res. cap., 150,000 gals.; pump. eng.; 160 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 70 lbs.; cost, \$23,000; cost mtce., \$800; wks. owned by village.

SHEPHERD, p. 835. F. dept.—1 hand hose cart, 1 hand ladder trk., 8 c. hand ex.; hose, cot., rub. lined, gd., 1,000 ft.; f. al. bell; tot. mem., 24 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump; 1 pump. eng., cap. day 30,000 gals.; mains, 2½ m., 4 to 8 in. dia.; 20 hyd.; pres., dom. 45 lbs., f. 85 lbs.; wks. owned by city.

SHERIDAN, p. 436. F. dept.—1 hand hose cart, 1,000 ft. hose; bell al.; 7 part pd. men.

Water Supply—Src., Pearl Lake, 1 m. bus. cent.; sys., grav. & dir.; mains, 1 m.; 11 hyd.; pres., dom. 48 lbs.; wks. owned by city.

SHERMAN, p. 260. F. dept.—1 hand eng., 1 hand hose cart, 750 ft. hose.

Water Supply—Cisterna.

SOUTH HAVEN, p. 3,577; f. area, 20 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al. tel.; val. equip., \$8,000; val. bldgs., \$3,500; tot. mem., 27, pd. full time 2, vol. 35.

Water Supply—Src., lake, 1 m. bus. cent.; sys., grav., stdp. cap., 130,000 gals.; dim., 15 x 100; mat., iron; 8 pump. eng., cap. day, 2,000,000 gals.; mains, c. l., 13 m., 4 to 10 in. dia.; 117 hyd.; 44 v.; met., 1,008; 1,134 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 350,000 gals.; cost, \$95,829; cost mtce., \$1,735; wks. owned by city.

SOUTH LYON, p. 615. F. dept.—1 h. & l. trk., 1 hand eng., 1 hand hose cart, 1,000 ft. hose; bell al.; 40 vol.

SPARTA, p. 1,208; merc. bldgs., bk. & wd. F. dept.—1 h. & l. trk., 2 hose carts; hose, rub. gd., 1,000 ft.; f. al. wh.; tot. mem., 24 vol.

Water Supply—Src., creek; sys., pump to stdp.; res. cap., 18,000 bbls.; mains, 6 m.; 35 hyd.

SPRING LAKE, p. 802; merc. bldgs., bk. & sta. F. dept.—1 strn. eng., 1 hand eng., 1 c. cart, 1 h. & l. trk., 2 hose car.; hose, 1,500 ft.; f. al. bell; tot. mem., 14.

Water Supply—Src., wells; sys., power house with gas eng., elec. motor & pump; 22 hyd.; pres., 65 lbs.

SPRINGPORT, p. 584. F. dept.—1 gasoline eng., 1 c. eng., 1 h. & l. trk., 1 aer. trk.; hose, 1,200 ft.; f. al. bell & wh.

Water Supply—Ten cisterna.

STANDISH, p. 828. F. dept.—2,000 ft. hose; wh. al.; 20 part pd. men.

STANTON, p. 1,102; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al. elec.; val. equip., \$3,000; val. bldgs., \$2,500; exp. dept., \$1,300; tot. mem., 13 vol.

Water Supply—Src., wells; sys., pump dir.; res. cap., 2,788 bbls.; 3 pump. eng., cap. day 1,000,000 gals.; mains, 3 m., 4 to 8 in. dia.; 28 hyd.; 16 v.; 275 serv.; pres., dom. 55 lbs., f. 100 to 120 lbs.; cons. day, 300,000 gals.; cost, \$11,000; cost mtce., \$1,100; wks. owned by city.

STEPHENSON, p. 527. F. dept.—1 gasoline l. eng., 1,200 ft. hose.
Water Supply—Cisterns.

STURGIS, p. 3,635; f. area, 500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 str., 1 auto. comb. c. & h. wag., 1 h. & l. trk., 13 c. hand ex., 3 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; exp. dept., \$1,500; tot. mem. 16, pd. full time 8, vol. 12; undrs. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; ays., pump dir.; 3 pump. eng., class centrif., cap. 1,700 gals. min.; mains, c. l., 15 m., 2 to 10 in. dia.; 88 hyd.; 45 v.; met., 18; 950 serv.; pres., dom. 45 lbs., f. 80 to 100 lbs.; cons. day, 200,000 gals.; cost, \$200,000; cost mtce., \$3,200; wks. owned by Co.

TAWAS, p. 1,061; f. area, 1,000 a.; merc. bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 700 ft.; rub. gd., 800 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$100; tot. mem. 100, pd. part time, 34, vol. 66.

Water Supply—Src., lakes, 2 blocks bus. cent.; ays., dir. pres.; 2 pump. eng., mains, wd., 2 to 10 in. dia.; 72 hyd.; 2 met.; pres., dom. 40 lbs., f. 60 lbs.; cost, \$25,000; cost mtce., \$4,500; wks. owned by city.

TECUMSEH, p. 2,332; f. area, 20 a.; merc. bldgs., bk., 3 stor.; priv., wd., 3 stor.; wd. rfs. not perm. F. dept.—4 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 1,100 ft.; tot. hose, 3,300 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$6,000; exp. dept., \$1,200; tot. mem. 14, vol. 10.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; ays., pump to stdp.; stdp. cap., 158,606 gals.; dim., 120 ft.; mat., iron; pump. eng., cap. day 2,000,000 gals.; mains, c. l., $8\frac{1}{2}$ m., 4 to 12 in. dia.; 76 hyd.; met., 42; 266 serv.; pipe, galv. l.; pres., dom. 55 lbs., f. 55 to 80 lbs.; cost, \$85,000; cost mtce., \$1,200; wks. owned by city.

TEKONSHA, p. 578. F. dept.—1 c. eng., 1 gas eng., 1 h. & l. trk., 3 c. hand ex.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell & telp.; val. equip., \$1,500; val. bldgs., \$500; tot. mem., 8 vol.

Water Supply—Src., wells.

THOMPSONVILLE, p. 815. F. dept.—1 hand hose cart; hose, cot. lined, gd., 500 ft.; f. al., bell; tot. mem. 18, pd. part time.

Water Supply—Src., Betsy riv., 1 m. bus. cent.; ays., dir. pres.; 1 pump. eng.; mains, 3 $\frac{1}{4}$ m., 4 to 8 in. dia.; 25 hyd.; pres., dom. 40 lbs., f. 125 lbs.; wks. owned by city.

THREE OAKS, p. 1,175; f. area, 320 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1 $\frac{1}{2}$ stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,150 ft.; f. al., bell & wh.; val. bldgs., \$500; exp. dept., \$75; tot. mem., 20 vol.

Water Supply—Src., wells, 900 ft. bus. cent.; ays., pump to stdp.; stdp. cap., 80,000 gals.; dim., 100 x 12; mat., bk. & stl.; 2 pump. eng., cap. day, 132,640 gals.; mains, c. l., 4 m., 2 to 6 in. dia.; 39 hyd.; 17 v.; 150 met.; 325 serv.; pipe, iron; pres., dom. 40 lbs., f. 48 lbs.; cons. day, 30,000 gals.; cost, \$10,000; cost mtce., \$500; wks. owned by city.

THREE RIVERS, p. 5,072; f. area, 460 a.; merc. bldgs., bk. & iron, 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—10 c. hand ex., 1 h. & l. trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; rub. gd., 900 ft.; tot. hose, 3,900 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$4,000; exp. dept., \$1,500; tot. mem., 20 vol.

Water Supply—Src., wells; ays., pump dir.; 4 pump. eng., cap. day 2,000,000 gals.; mains, 9 m., 4 to 12 in. dia.; 16 v.; 84 hyd.; 652 serv.; pipe, galv. l. & lead; pres., dom. 40 lbs., f. 45 to 100 lbs.; cons. day, 300,000 gals.; cost, \$48,000; cost mtce., \$24,000; wks. owned by village.

TRAVERSE CITY, p. 12,115; f. area, 1,200 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 1 c. eng., 4 c. hand ex., 2 h. & l. trk., 3 hose wag., 4 hose reels, 4

hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 30 bx.; val. bldgs., \$6,000; tot. mem. 69, pd. full time 4, vol. 65; undrs. rating, third class.

Water Supply—Src., bay, $\frac{1}{4}$ m. bus. cent.; ays., pump dir.; 2 pump. eng., class comp. cond., cap. day 10,000,000 gals.; mains, iron & wd., 25 m., 4 to 16 in. dia.; 221 hyd.; 175 v.; met., 677; 2,099 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 2,187,000 gals.; cost, \$239,000; cost mtce., \$12,000; wks. owned by city.

TRENTON, p. 1,224; bldgs., bk. & wd. F. dept.—1 h. & l. trk., 2 hose car.; hose, 1,500 ft.; f. al., wh.; tot. mem., 10 vol.

Water Supply—Src., Detroit riv.; ays., dir. pres.; 3 pump. eng.; 26 hyd.; 2 m. mains; pres., dom. 40 lbs., f. 95 to 100 lbs.; cons. day, 180,000 gals.; wks. owned by priv. Co.

UBLY, p. 442. F. dept.—1 hose cart, 700 ft. hose.

UNION CITY, p. 1,340; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—1 hose reel; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$2,000; tot. mem., 12 vol.

Water Supply—Src., wells, 1-6 m. bus. cent.; ays., grav., pump dir.; 2 pump. eng., cap. 750,000 gals. day; mains, 7 $\frac{1}{2}$ m., 8 to 10 in. dia.; 40 hyd.; 200 serv.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$20,000; cost mtce., \$3,500; wks. owned by city.

UNIONVILLE, p. 456; f. area, 300 a. F. dept.—1 hand eng., 1 hose cart, 1,100 ft. hose; bell al.; 3 pd. men.

Water Supply—Src., cisterns.

VASSAR, p. 1,659; f. area, 360 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$2,000; tot. mem. 15, pd. full time 1, pd. part time 14.

Water Supply—Src., wells, 2 blocks bus. cent.; ays., pump tr. stdp. & dir.; stdp. cap., 105,000 gals.; dim., 15 x 80; mat., stl.; 1 pump. eng., class dup., cap. day 1,500,000 gals.; mains, wd., 7 $\frac{1}{2}$ m., 4 to 10 in. dia.; 58 hyd.; 22 v.; met., 58; pipe, galv. l.; pres., dom. 50 lbs., f. 75 lbs.; cons. day, 45,000 gals.; cost, \$35,000; cost mtce., \$1,800; wks. owned by city.

VICKSBURG, St. Clair Co., p. 1,624; merc. bldgs., sta., bk. & wd. 2 stor.; priv., sta., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 1 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 850 ft.; inf., 100 ft.; tot. hose, 950 ft.; f. al., wh. & telp.; val. equip., \$2,000; exp. dept., \$30; tot. mem., 25 vol.

Water Supply—Src., wells; ays., pump dir.; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 33 hyd.; pres., dom. 50 lbs., f. 100 to 150 lbs.; cost, \$16,800; cost mtce., \$8,000; wks. owned by village.

WAKEFIELD, p. 714; merc. bldgs., wd. F. dept.—1 hose sleigh, 2 hose car.; hose, rub., gd., 2,000 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., riv.; ays., grav.

WAYLAND, p. 725. F. dept.—1 h. & l. trk., 1 c. eng., 700 ft. hose; 50 vol.

WAYNE, p. 1,262; merc. bldgs., sta., bk. & wd. F. dept.—1 hand eng., 1 hose car.; hose, rub., gd., 250 ft.; vol.

Water Supply—Src., well.

WEST BAY CITY, p. 18,119. F. dept.—1 str., 1 h. & l. trk., 3 hose carts, 2 hand ex.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., telp.; tot. mem. 12, pd. part time.

WEST BRANCH, p. 1,276; f. area, 970 a.; merc. bldgs., bk., 1 to 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 100 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & telp.; val. bldgs., \$2,000; exp. dept., \$300; tot. mem. 15, pd. part time.

Water Supply—Src., wells, cisterns, in bus. cent.; ays., pump to stdp.; stdp. cap., 25,000 gals.; 1 pump. eng., cap. day 25,000 gals.; mains, iron, 5 $\frac{1}{2}$ m., 4 to 10 in. dia.; 33 hyd.; 26 v.; 175 serv.

pres., dom. 75 lbs., f. 100 lbs.; cons. day, 15,000 gals.; cost, \$23,000; cost mtce., \$1,200; wks. owned by city.

WHITE CLOUD, p. 648; f. area, 100 a.; merc. bldgs., wd. & bk., 1½ & 2 stor.; priv., wd., 2 stor.; l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 1,000 ft.; tot. hose, 2,400 ft.; f. al., telp. & bell; val. equip., \$1,000; val. bldgs., \$5,000; exp. dept., \$300; tot. mem., 10 vol.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; dim., 16 x 16; pump, eng., cap. day 576,000 gals.; mains, iron & wd., 1½ m., 8 in. dia.; 16 hyd.; 6 v.; 55 serv.; pres., dom. 50 lbs., f. 85 to 95 lbs.; cost, \$5,000; cost mtce., \$450; wks. owned by village.

WHITE HALL, p. 1,600; f. area, 250 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 3 hose reels; hose, cot., rub. lined, gd., 3,500 ft.; rub., gi., 1,000 ft.; inf., 500 ft.; tot. hose, 5,000 ft.; f. al., bell & wh.; val. equip., \$8,000; val. bldgs., \$6,000; exp. dept., \$85; tot. mem., 30 vol.

Water Supply—Src., wells & lakes, ¼ m. bus. cent.; sys., pump dir.; 2 pump, eng., size 12 x 16, cap. day, 2,000,000 gals.; mains, c. i., 7 m., 4 to 8 in. dia.; 59 hyd.; 18 v.; 248 met.; 238 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 120 lbs.; cons. day, 70,000 gals.; cost, \$177,000; cost mtce., \$2,200; wks. owned by city.

WHITE PIGEON, p. 667. F. dept.—1 hand c. eng.; hose, rub. lined, gd., 150 ft.; f. al., bell; tot. mem., 8, pd. part time.

Water Supply—Src., 3 wells.

WILLIAMSTON, p. 1,042; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; val. equip., \$18,000; val. bldgs., \$2,000; tot. mem., 15, pd. full time; undra. rating, fourth class.

Water Supply—2 pump, eng.; 1½ m. 6 in. mains; 10 hyd.

WOLVERINE, p. 794. F. dept.—1 gas eng., 1 hand hose cart. 1 hand ladder trk.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; tot. mem., 14, pd. part time.

Water Supply—Src., riv. & cisterna.

WYANDOTTE, p. 8,287; f. area, 1,280 a.; bldgs., bk. & wd., 2 stor.; wd. rfa. perm.; no fwks. & combt. ord. F. dept.—4 c. hand ex., 1 hose wag., 1 comb. c. & h. wag., 1 supply wag., 5 ladders, 2 hrs.; hose, cot., rub. lined, gd., 4,100 ft.; f. al.,

elec., 19 bx.; val. equip., \$8,000; val. bldgs., \$10,000; exp. dept., \$8,000; tot. mem., 32, pd. full time 7, vol. 25.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump dir.; 3 pump, eng., class comp. dup., cap. day, 8,000,000 gals.; mains, c. i., 20.3 m., 4 to 20 in. dia.; 192 hyd.; 140 v.; 1,800 serv.; pipe, lead; pres., dom. 45 lbs., f. 80 lbs.; cons. day, 2,250,000 gals.; cost mtce., \$10,000; wks. owned by city.

YALE, p. 1,223; merc. bldgs., bk.; priv., wd. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.

Water Supply—Src., wells & creek; sys., Holly; mains, 4 m.; 80 hyd.; pres., 90 lbs.

YPSILANTI, p. 6,230; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord. F. dept.—2 str., 1 comb. c. & h. wag., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; rub. gd., 200 ft.; inf., 1,000 ft.; tot. hose, 4,700 ft.; f. al., bell; val. equip., \$9,000; val. bldgs., \$17,000; exp. dept., \$6,000; tot. mem., 6, pd. full time; undra. rating, first class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 250,000 gals.; dim., 40 x 28, loc. on top of hill; mat., str. & wd.; res. cap., 250,000 gals.; loc. 6,000 ft. station; 2 pump, eng., cap. day 6,000,000 gals.; mains, c. i., 18 m., 2 to 16 in. dia.; 178 hyd.; 312 v.; met., 340; 1,927 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 75 lbs.; wks. owned by city.

ZEELAND, p. 1,982; f. area, 360 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 str., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh. & telp.; val. equip., \$4,615; val. bldgs., \$3,500; exp. dept., \$400; tot. mem., 24 vol.

Water Supply—Src., wells, cent. of town; sys., grav., pump to stdp. & dir.; dim., 14 x 14; mat. wd.; 2 pump, eng., cap. day, 750,000 gals.; mains, stl., 3½ m., 4 in. dia.; 31 hyd.; 130 serv.; pipe, galv. i.; pres., dom. 20 lbs., f. 150 lbs.; cons. day, 10,000,000 gals.; cost, \$18,000; cost mtce., \$3,000; wks. owned by city.

Places with a population of 1,000 or more having no organized fire dept.—Ausable City, West End

Places with a population of 1,000 or more not reported—Allouez, Baraga, Bay Mills, Central Lake, Frankenmuth, Hubbell, Marais, Southlake, Zilwaukee.

MINNESOTA

ADA, p. 1,432; f. area, 160 a.; bldgs., wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 250 ft.; tot. hose, 2,750 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$800; exp. dept., \$200; tot. mem., 80 vol.; undra. rating, third class.

Water Supply—Src., wells; ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; res. cap., 150,000 gals.; 2 pump, eng., cap. day 504,000 gals.; mains, c. i., 1½ m., 6 to 8 in. dia.; 20 hyd.; 10 v.; met., 30; 200 serv.; pres., dom. 43 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$15,000; cost mtce., \$500; wks. owned by city.

ADRIAN, p. 1,112; f. area, 2 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., elec. bell & wh.; val. equip., \$2,000; tot. mem., 25 vol.

Water Supply—Src., well, 500 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 30,000 gals.; pump, eng., cap. day 750,000 gals.; mains, c. i., 2½ m., 4 to 8 in. dia.; 21 hyd.; met., 1; 96 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 100 lbs.; cost, \$22,000; cost mtce., \$1,700; wks. owned by village.

AITKEN, p. 1,638; f. area, 700 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; val. equip., \$4,000; val. bldgs., \$3,000; exp. dept., \$1,200; tot. mem., 41 paid full time, 140 vol.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; stdp. cap., 1,800 bbls.; pump, eng., cap. day 1,000,000 gals.; mains, c. i., 2 m., 6 in. dia.; 33 hyd.; 9 v.; 75 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 90 to 100 lbs.; cost, \$20,000; cost mtce., \$1,000; wks. owned by city.

AKELEY, p. 2,000. F. dept.—1 hand c. eng., 1 comb. h. & c. eng., 2 hose carts; hose, 2,000 ft.; tot. mem., 36 vol.

Water Supply—Src., lake; 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 8,600 gals.; 7 pump, eng.; cap. day, 4,464,000 gals.; mains, c. i., 2 m.; 8 to 4 in. dia.; 10 hyd.; pipe, c. i.; pres., dom. 60 lbs.; f. 120 lbs.; wks. owned by priv. Co.

ALBANY, p. 700; f. area, 40 a. F. dept.—5 vol.; val. equip., \$3,000.

Water Supply—Src., wells; 1 pump, 15 hyd.; cost, \$11,500.

ALBERT LEA, p. 6,192; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., gd., 3,000 ft.; f. al., bell & telp.; tot. mem., 25 vol.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to tk.; stdp. cap., 96,000 gals.; dim., 25 x 26, mat. stl.; res. loc. 3 blocks cent. of town; 2 pump, eng., cap. day 3,000,000 gals.; mains, c. i., 6 m., 4 to 10 in. dia.; 100 hyd.; 50 v.; met., 350; 650 serv.; pipe, c. i.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 250,000 gals.; cost, \$75,000; cost mtce., \$3,000; wks. owned by city.

ALDEN, p. 544. F. dept.—2 hose carts, 1,200 ft. hose, bell al., 16 vol.

ALEXANDRIA, p. 3,001; f. area, 4 blocks; bldgs., bk. & wd., 1½ & 2 stor.; fwks. & combt. ord. F. dept.—2 c. eng., 10 c. hand ex., 1 h. & 1 trk., 3 hose wag.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$6,000; exp. dept., \$500; tot. mem., 65 vol.; undrs. rating, third class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav. to pump dir.; res. cap., 60,000,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. i., 2 m., 4 to 10 in. dia.; 36 hyd.; 12 v.; 120 serv.; pipe, c. i.; pres., dom. 50 lbs., f. 100 lbs.; cost, \$20,000; cost mtce., \$1,200; wks. owned by city.

ALPHA, p. 223. F. dept.—2 hose carts, 1,000 ft. hose, 22 vol.

AMBOY, p. 435. F. dept.—1 h. & 1 trk., 1,000 ft. hose, bell & wh. al., 25 vol.

ANNADALE, p. 624. F. dept.—1 str., 1 hand c. ex., 800 ft. hose, 25 vol.

ANOKA, p. 3,972; f. area, 2,560 a.; merc. bldgs., bk. & std., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & 1 trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 600 ft.; tot. hose, 5,100 ft.; f. al., elec., 20 bx.; val. equip., \$8,000; val. bldgs., \$10,000; exp. dept., \$2,700; tot. mem. 26, pd. full time 8, pd. part time 23.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; stdp. cap., 480,000 gals., dim. 20 x 116; pump. eng., cap. day 2,500,000 gals.; mains, 7 m., 4 to 12 in. dia.; 67 hyd.; 20 val.; 270 serv.; pres., dom. 80 lbs., f. 180 lbs.; wks. owned by city.

APPLETON, p. 1,221; f. area, 300 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 4 hose car.; hose, rub. lined, gd., 2,500 ft.; f. al., elec. bell & wh.; val. equip., \$6,000; val. bldgs., \$7,500; exp. dept., \$400; tot. mem., 30 vol.

Water Supply—Src., well & riv., 1-16 m. bus. cent.; sys., grav. & dir.; stdp. cap., 65,000 gals.; mat., stl.; 2 pump. eng., class dup., cap. day 670,000 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 27 hyd.; 3 v.; met., 130; 130 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 120 lbs.; cons. day, 35,000 gals.; cost, \$18,000; wks. owned by city.

ARGYLE, p. 944; f. area, 100 a. F. dept.—2 gas. eng., 1 c. eng., 2 comb. c. & h. cart, 3 c. hand ex.; hose, cot., rub. lined, gd., 2,300 ft.; inf., 300 ft.; tot. hose, 2,600 ft.; f. al., bell & wh.; val. equip., \$5,500; val. bldgs., \$3,000; vol.

ASHBY, p. 334; f. area, 10 a. F. dept.—1 hand eng., 2 h. & 1 trk.; val. bldgs., \$500; val. equip., \$2,000; tot. mem., 24 vol.

Water Supply—8 cisterns.

ATWATER, p. 600; f. area, 80 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 2 h. & 1 trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$4,500; val. bldgs., \$800; exp. dept., \$400; tot. mem., 25 vol.

Water Supply—Src., cisterns & railroad tk.; sys., grav.; cap. cisterns, 4,500 gals.

AUDUBON, p. 300. F. dept.—1 str., 150 ft. hose, 25 vol.

AURORA, p. 1,919. F. dept.—1 c. eng., 2 hose carts, 1 h. & 1 trk.; hose, 2,200 ft.; tot. mem., 80 vol.

Water Supply—Src., wells; stdp. cap., 50,000 gals.; 3 pump. eng.; cap. day, 900,000 gals.; mains, 2 m., 6 in. dia.; 20 hyd.; pres., dom. 45 lbs., f. 100 lbs.

AUSTIN, p. 6,960; f. area, 13 m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 4 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 18 bx.; val. equip., \$6,700; val. bldgs., \$17,000; exp. dept., \$3,045; tot. mem., 40, pd. full time 1, vol. 39.

Water Supply—Src., spring, wells & riv.; ¼ m. bus. cent.; sys., pump dir.; res. cap., 1,500,000 gals.; 2 pump. eng., class comp. dup., cap. day, 4,000,000 gals.; mains, c. i., 16 m., 4 to 10 in. dia.; 117 hyd.; 125 v.; met., 900; 1,230 serv.; pipe, lead & galv. i.; pres., dom. 50 lbs., f. 110

lbs.; cons. day, 800,000 gals.; cost, \$87,000; cost mtce., \$3,500; wks. owned by city.

AVOCA, p. 212. F. dept.—1 h. & 1 trk., 1 c. eng., 750 ft. hose, 12 pd. mem.

BADGER, p. 395. F. dept.—1 h. & 1 trk., 1,500 ft. hose, 24 vol., bell al.

BALATON, p. 364. F. dept.—1 h. & 1 trk., 1,500 ft. hose, bell al., 16 vol.

BARNESVILLE, p. 1,353; f. area, 80 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 350 ft.; inf., 300 ft.; tot. hose, 1,850 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$1,800; tot. mem., 35 vol.

Water Supply—Src., str.; sys., pump to stdp.; stdp. cap., 500 bbls.

BATTLE LAKE, p. 567. F. dept.—1 h. & 1 trk., 2 hose carts, 1,500 ft. hose, 30 vol.

BEARDSLEY, p. 481. F. dept.—1 h. & 1 trk., 500 ft. hose, bell al., 20 vol.

BEAUDETTE, p. 1,500; f. area, 160 a. F. dept.—1,300 ft. hose, 2 hose carts, 2 c. hand ex.; val. equip., \$2,000; exp. dept., \$100; tot. mem., 24, pd. part time.

Water Supply—Src., (Rainy River); sys., pump to stdp.; stdp. cap., 432,000 gals.; 13 hyd.; 7 v.; 75 serv.; mains, 1½ m.; pres., dom. & f., 55 lbs.; wks. owned by city.

BEAVER CREEK, p. 195; f. area, 40 a. F. dept.—1 c. eng., c. hand ex., 1 comb. c. & h. wag., 1 h. & 1 trk., 1 hose wag., hose reels; f. al., bell; val. equip., \$2,000; val. bldgs., \$800; exp. dept., \$500; vol.

BECKER, p. 350; f. area, 40 a. F. dept.—1 gas. eng., c. hand ex.; val. equip., \$1,000; val. bldgs., \$200; tot. mem., 20, vol.

Water Supply—Src., spring; sys., pump dir.; wks. owned by city.

BELGRADE, p. 448; f. area, 160 a. F. dept.—1 hose cart & ladder; exp. dept., \$100; tot. mem., 16 vol., pd. part time.

Water Supply—Src., well, 2 blocks bus. cent.; sys., grav.; stdp. cap., 40,000 gals.; mains, c. i., 1½ m., 4 to 8 in. dia.; 8 hyd.; pres., f., 50 lbs.; wks. owned by city.

BELLE PLAINE, p. 1,204; f. area, 6½ a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell, 1 bx.; val. equip., \$4,000; val. bldgs., \$3,000; tot. mem., 31 vol.; undrs. rating, third class.

Water Supply—Src., 6 large cisterns; stdp. cap., 50,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 9 hyd.; pres., dom. 50 to 55 lbs., f. 90 to 110 lbs.

BELLINGHAM, p. 359; f. area, 60 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 aer. trk., 3 hose car.; hose, cot., rub. lined, gd., 600 ft.; inf., 300 ft.; tot. hose, 900 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$6,000; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav., pump to res.; res. cap., 2,000 bbls.; mains, 1 m., 4 in. dia.; 3 hyd.; pres., f. 50 lbs.; cost, \$6,000; cost mtce., \$300; wks. owned by city.

BELVIEW, p. 290; f. area, 80 a. F. dept.—1 str., 1 c. eng., h. & 1 trk., 1 hose cart, 1 c. ex.; hose, 1,000 ft.; tot. mem., 20, pd. part time; val. equip., \$1,200; val. bldgs., \$800; exp. dept., \$200.

Water Supply—Src., deep wells, 4 cisterns; cap., 500 to 700 bbls., with stationary pump at wells.

BEMIDJI, p. 5,099; f. area, 320 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 1 aer. trk., 2 hose wag., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.; val. equip., \$11,000; val. bldgs., \$5,000; tot. mem., 38 vol.

Water Supply—Src., 2 artesian wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 bbls.; 1 pump, cap. min. 500 gals.; mains, c. i.,

7½ m., 4 to 10 in. dia.; 89 hyd.; pres. dom. 65 lbs. f. 100 lbs.; cost, \$60,000; cost mtce., \$1,100.

BENSON, p. 1,677; f. area, 200 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & 1 trk., 2 hrs., 3 hose wag. with chemicals; hose, cot., rub. lined, gd., 3,500 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$1,500; tot. mem., 50 vol.; undrs. rating, third class.

Water Supply—Src., 2 wells, in bus. cent.; sys., pump & dir.; res. cap., 72,000 gals.; stdp. cap., 75,000 gals.; 2 pump. eng., class dup. & trip; mains, 2½ m.; 26 hyd.; cost, \$21,000; wks. owned by city.

BERTHA, p. 286; f. area, 4 a. F. dept.—1 gasoline eng., h. & l. hose carts, &c.; tot. mem., 20, pd. part time; val. equip., \$1,650; val. bldgs., \$1,000.

Water Supply—Src., cisterns; 1 pump; dom. pres., 100 lbs.

BIGELOW, p. 200; f. area, 40 a. F. dept.—1 eng. with hose; vol.

Water Supply—Src., cistern.

BIG FALLS, p. 325. F. dept.—1 str., 1 h. & 1 trk., 1,000 ft. hose, bell al.

BIG LAKE, p. 300. F. dept.—2 c. eng., ladders; val. equip., \$500; val. bldgs., \$300; vol.

BINGHAM LAKE, p. 285. F. dept.—1 str., 1 hose cart, 1,050 ft. hose, bell al., 13 vol.

BIRD ISLAND, p. 931; f. area, 60 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$500; tot. mem., 40 vol.

Water Supply—Src., well, 1 block bus. cent.; sys., pump to res. & mains; stdp. dim. 8 x 80, mat. iron; 1 pump. eng., cap. day 60,000 gals.; mains, iron, 1 m.; 8 hyd.; 4 v.; 5 serv.; pipe, iron; pres., dom. 45 lbs. f. 45 lbs.; cost, \$8,000; wks. owned by village.

BIWABIK, p. 1,690; f. area, 120 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in dwelling district; causes of f. inv. F. dept.—1 comb. c. & h. wag. 2 c. hand ex., 3 hose car.; 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 2,000 ft.; inf. 2,700 ft.; tot. hose 7,200 ft.; f. al., 14 bx., wh.; bell & elec.; val. equip., \$3,150; val. bldgs., \$1,000; exp. dept., \$500; tot. mem., 30 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to res.; res. cap., 68,000 gals.; pump. eng., cap. day 600 bbls.; mains, rod l., 2 m., 4 to 8 in. dia.; 13 hyd.; 140 serv.; pipe, lead & c. i.; pres., dom. 60 lbs. f. 120 lbs.; cost, \$15,000; cost mtce., \$1,200; wks. owned by village.

BLACKDUCK, p. 942. F. dept.—1 h. & 1 trk., 1,000 ft. hose, bell al., 32 vol.

BLOOMING PRAIRIE, p. 854. F. dept.—1 h. & 1 trk., bell al., 45 vol.

BLUE EARTH, p. 2,319; f. area, 8 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 60 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; rub. gd., 150 ft.; tot. hose, 2,550 ft.; f. al., bell, wh. & telp; val. equip., \$4,400; exp. dept., \$500; tot. mem., 25 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; res. cap., 60,000 gals.; 3 pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 81 hyd.; 80 v.; met., 148; 275 serv.; pipe, iron & lead; pres., dom. 40 lbs. f. 100 lbs.; cost, \$40,000; cost mtce., \$2,000; wks. owned by city.

BOYD, p. 431. F. dept.—2 hose wag., 1,000 ft. hose; bell al.; exp. dept., \$50; 20 vol.

BRAHAM, p. 406. F. dept.—2 c. ex., 200 ft. hose, 24 vol.

BRAINERD, p. 8,526; f. area, 60 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,700 ft.; inf., 250 ft.; f. al., telp.; val. equip., \$10,000; val. bldgs., \$4,000; exp.

dept., \$1,040; tot. mem., 95, pd. full time 2, pd. part time 1, vol. 92.

Water Supply—Src., riv., ¾ m. bus. cent.; sys., pump dir.; 2 pump. eng., size 16 x 10 x 12, cap. day 1,600,000 gals.; mains, kalamela, 16 m., 4 to 12 in. dia.; 93 hyd.; 28 v.; 1,240 serv.; pipe, wrt. i.; pres., dom. 35 lbs. f. 80 lbs.; cons. day, 1,110,000 gals.; wks. owned by Co.

BRANDON, p. 276; f. area, 40 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 h. & 1 trk., 1 c. eng., 2 hose car.; f. al., bell; val. equip., \$3,500; val. bldgs., \$300; exp. dept., \$150; tot. mem., 45 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to cistern; res. cap., 140,000 gals.; pump. eng., cap. day 5,000 gals.; mains, c. l., 10 m., 4 to 16 in. dia.; 42 hyd.; 850 serv.; pres., dom. 40 lbs. f. 45 to 65 lbs.; cost, \$2,000; cost mtce., \$400; wks. owned by city.

BRECKENRIDGE, p. 1,840; f. area, 70 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 c. eng. 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$2,500; tot. mem., 48 vol.

Water Supply—Src., riv., 1,360 ft. bus. cent.; sys., pump dir. to mains; res. cap., 90,000 gals.; pump. eng., cap. day 450,000 gals.; mains, c. l., 3½ m., 4 to 8 in. dia.; 45 hyd.; 17 v.; 300 serv.; pipe, c. & galv. i.; pres., dom. 25 to 35 lbs. f. 90 lbs.; cost, \$35,000; cost mtce., \$5,000; wks. owned by city.

BROOTEN, p. 562. F. dept.—800 ft. hose, 15 vol.

BROWERVILLE, p. 633; f. area, 300 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose car., 3 ladders; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$1,000; exp. dept., \$600; tot. mem., 15 vol.

Water Supply—Src., stdp., 1 block bus. cent.; sys., pump to stdp.; mat., iron; 1 pump. eng.; mains, ¼ m., 6 in. dia.; 5 hyd.; 10 v.; pipe, iron; cost, \$8,000; cost mtce., \$600; wks. owned by city.

BROWNS VALLEY, p. 1,058; f. area, 160 a. F. dept.—1 h. & 1 trk., 3 hose carts; hose, 2,500 ft.; val. equip., \$2,600; val. bldgs., \$1,200; exp. dept., \$150.

Water Supply—Src., springs; sys., grav.; 1 pump; cap. day, 240,000 gals.; 15 hyd.; 4 v.; mains, 2½ m.; pres., dom. 45 lbs. f. 85 lbs.; cost, \$15,000; cost mtce., \$200; undrs. rating fourth class.

BROWNSDALE, p. 264. F. dept.—300 ft. hose, vol.

BROWNTON, p. 509. F. dept.—1 str., 1 h. & 1 trk., 1,000 ft. hose, bell al., 20 vol.

BRYCELYN, p. 335. F. dept.—1 str., 800 ft. hose, bell al., 27 vol.

BUFFALO, p. 1,227; f. area, 35 blocks; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & 1 trk., 1 hose car.; hose, cot., gd., 600 ft.; val. equip., \$995; tot. mem., 30 vol.; undrs. rating, fifth class.

Water Supply—Src., wells & lake.

BUFFALO LAKE, p. 371. F. dept.—2 hose carts, 1,000 ft. hose, 26 vol., bell & wh. al.

BUMI, p. 1,400; f. area, 20 a. F. dept.—3 hose carts, 1 h. & 1 trk., 3,600 ft. hose; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$1,500; tot. mem., 32, pd. \$1.00 per fire.

Water Supply—Src., well; sys., pump to stdp.; 3 pump. eng., cap. day 100,000 gals.; 27 hyd.; mains, 4 to 8 in. dia.; pres., dom. 80 lbs. f. 175 lbs.; cost, \$85,000; wks. owned by city.

BURTUM, p. 217; f. area, 40 a. F. dept.—1 c. eng., 1 h. & 1 trk.; val. equip., \$550; exp. dept., \$25; tot. mem., 22 vol.

Water Supply—Not reported.

BUTTERFIELD, p. 377. F. dept.—1 str., 1 hand ex., 750 ft. hose, 24 vol.

CALEDONIA, p. 1,872; f. area, 42 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm. in f. area; fwks.

& combt. ord. F. dept.—1 h. & 1 trk. 2 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell & wh.; val. equip., \$1,800; val. bldgs., \$20,000; exp. dept., \$250; tot. mem., 40 vol.

Water Supply—Src., well; sys., pump to stdp. & dir.; stdp. cap., 2,000 bbls.; pump. eng., cap. day 76,800 gals.; mains, c. i., 1 m., 4 to 8 in. dia.; 12 hyd.; met., 26; pres., dom. 65 lbs., f. 65 lbs.; cons. day, 81,000 gals.; cost, \$8,000; cost mtce., \$2,500; wks. owned by town.

CALUMET, p. 800; f. area, 40 a. F. dept.—1 c. eng., 2 hose carts, 1,000 ft. hose; val. equip., \$5,000; val. bldgs., \$7,000; exp. dept., \$2,000; tot. mem., 16, pd. part time.

Water Supply—Src., well; sys., grav.; 1 pump. eng., cap. day 1,440,000 gals.; 5 hyd.; 8 v.; mains, 2,100 ft.; cost, \$17,000; cost mtce., \$2,100; wks. owned by city.

CAMBRIDGE, p. 900. F. dept.—1,000 ft. hose, bell al., 20 vol.

CAMPBELL, p. 308. F. dept.—1 c. eng., 1,000 ft. hose, bell al., 22 vol.

CANBY, p. 1,528; f. area, 10 blocks; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 2 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$500; tot. mem., 40 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to res.; res. cap., 61,000 gals.; 2 pump. eng., cap. day, 22,000 gals.; mains, 2½ m., 4 to 8 in. dia.; 32 hyd.; 7 v.; met., 105; pres., f. 45 lbs.; cons. day, 15,000 gals.; cost, \$20,000; cost mtce., \$400; wks. owned by city.

CANNON FALLS, p. 1,385; f. area, 3 a.; merc. bldgs., stn. & bk., 1½ to 3 stor. F. dept.—1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; int., 500 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 45 vol.

Water Supply—Src., well; sys., pump to res.; res. cap., 3,000 bbls.; 2 pumps; mains, c. i., 4 m., 6 to 8 in. dia.; 17 hyd.; pres., f. 75 lbs.; cost, \$20,100; cost mtce., \$100.

CANTON, p. 845. F. dept.—1 hand eng., 200 ft. hose.

CARLOS, p. 167. F. dept.—1 hand eng., 1 c. eng., 1,000 ft. hose, 40 vol.

CARLTON, p. 597; f. area, 160 a.; merc. bldgs., bk. & wd., 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 c. eng., 12 c. hand ex., 2 hose wag., 2 hose car., 400 ft. hose; f. al. bell & wh.; val. equip., \$3,000; val. bldgs., \$6,000; exp. dept., \$105; tot. mem., 40 vol.

Water Supply—Src., wells & creek in village.

CARVER, p. 571; f. area, 80 a.; bldgs., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 2 c. ex., 1 h. & 1 trk., 2 hose car.; hose, cot., gd., 1,200 ft.; f. al., bell; val. equip., \$1,500; tot. mem., 42 vol.; undrs. rating, fourth class.

Water Supply—Src., 5 cisterns, cap. 300 bbls. each.

CASS LAKE, p. 2,011. F. dept.—1 h. & 1 trk., 3 hose carts; hose, 3,000 ft.; f. al., wh.; val. equip., \$2,000; 25 vol.

Water Supply—Src., wells, pumped into high tk., 100 ft. high; cap., 50,000 gals.; mains, 3½ m., 4 to 8 in. dia., 21 hyd.; dom. pres., 45 lbs., f. pres., 100 lbs.

CEYLON, p. 380. F. dept.—600 ft. hose, wh. al., 22 vol.

CHASKA, p. 2,050; merc. bldgs., bk., 2 stor.; priv., bk. & frame, 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,500; exp. dept., \$800; tot. mem., 68 vol.; undrs. rating, third class.

Water Supply—Src., cisterns & wells.

CHATFIELD, p. 1,228; f. area, whole town; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 c. eng., 4 c. hand ex., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 900 ft.; f. al.,

bell; val. equip., \$2,750; val. bldgs., \$1,000; tot. mem., 24 vol.

Water Supply—Src., well, 1-8 m. bus. cent.; sys., pump to stdp.; stdp. dim., 14 x 60; res. cap., 278,000 gals.; pump. eng., cap. day 30,000 gals.; mains, c. i., 3¼ m., 4 to 8 in. dia.; 35 hyd.; 10 v.; met., 1; 200 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 24,000 gals.; cost, \$18,000; cost mtce., \$800; wks. owned by city.

CHISHOLM, p. 7,684. F. dept.—1 h. & 1 trk., 1 comb. c. & h. wag.; hose, 8,750 ft.; f. al., Gamewell, 21 bx.; tot. mem., 10, pd. full time.

Water Supply—Src., Monroe Mine; sys., pump to stdp.; stdp. cap., 300,000 gals.; 1 pump. eng., class dup., cap. day 864,000 gals.; mains, 7 m., 4 to 10 in. dia.; 65 hyd.; pres., f. 100 lbs.

CHOKIO, p. 328. F. dept.—1 c. ex., 1 c. eng., 1 h. & 1 trk., 1 hose wag., 1 hose reel; f. al., bell; val. equip., \$200; val. bldgs., \$200; exp. dept., \$50; tot. mem., 15 vol.

CLARA CITY, p. 587. F. dept.—1 str., 1 c. eng., 2 hand ex., 1,150 ft. hose, bell al., 15 vol.

CLAREMONT, p. 275. F. dept.—1 hose cart, 750 ft. hose, bell al., 28 vol.

CLARKFIELD, p. 608. F. dept.—1 hose cart, 650 ft. hose, 22 vol.

CLIMAX, p. 269. F. dept.—1,400 ft. hose, bell al., 15 vol.

CLINTON, p. 384. F. dept.—1 hose cart, 800 ft. hose, 20 vol.

CLITHERALL, p. 187. F. dept.—1 str., 1,100 ft. hose, 24 vol.

CLOQUET, p. 7,031; f. area, 3,500 a.; merc. bldgs., wd., bk. & conc., 1 to 3 stor.; priv., wd., bk. & conc., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & 1 trk., 2 hose wag., 4 hose carts, 4 hrs.; hose, cot., gd., 4,400 ft.; f. al., bell, wh. & telp., 16 bx.; val. equip., \$7,000; val. bldgs., \$3,000; exp. dept., \$7,000; tot. mem., 29, pd. full time 8, vol. 21.

Water Supply—Src., springs, 1¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 125,000 gals., dim. 24 x 28, mat. stl., res. cap., 600,000 gals.; 2 pump. eng., class centrif., cap. day, 2,000,000 gals.; mains, c. i., 13.2 m., 4 to 12 in. dia.; 112 v.; 770 met.; 770 serv.; 105 hyd.; pres., dom. & f. 70 to 105 lbs.; cons. day, 100,000 gals.; cost, \$150,000; cost mtce., \$5,000; wks. owned by city.

COKATO, p. 718. F. dept.—1 str., 1 hose cart, 900 ft. hose, bell al.

COLD SPRING, p. 594; f. area, 640 a.; bldgs., wd., bk. & stn., 2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 2 c. ex., 1 h. & 1 trk., 1 aer. trk., 1 hose car.; hose, rub., gd., 200 ft.; cot., gd., 400 ft.; tot. hose, 600 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$800; tot. mem., 38 vol.; undrs. rating, fourth class.

Water Supply—Src., wells & riv.

COLERAINE, p. 1,618. F. dept.—1 h. & 1 trk., 2 hose carts, 4 hand c. ex.; hose, 2,100 ft.; f. al., bell & wh.; tot. mem., 30 vol.

Water Supply—Src., wells; stdp. cap., 2,000 bbls.; 2 pump. eng.; cap. day, 1,440,000 gals.; mains, 2,300 ft., 4 to 8 in. dia.; 39 hyd.; pres., dom. 60 lbs., f. 90 lbs.

COLOGNE, p. 390. F. dept.—1 h. & 1 trk., 1 hand eng., 1,500 ft. hose, bell al.

COLUMBIA HEIGHTS, p. 1,500; f. area, 1,690 a. F. dept.—1 hose wag., 800 ft. hose, 8 buckets; val. equip., \$725; val. bldgs., \$250; exp. dept., \$100; tot. mem., 17, pd. \$2.00 per fire.

Water Supply—Src., spr., sys., grav.; mains, 4¼ m., 4 to 8 in. dia.; 46 hyd.; pres., dom. & f., 40 lbs.; wks. owned by city.

COMFREY, p. 238. F. dept.—1 hose cart, 500 ft. hose, bell al., 12 pd. mem.

COPATT, p. 1,000; f. area, 160 a. F. dept.—hand pump, 2 ladders, 2 small chemicals, hose cart; hose, 700 ft.; val. equip., \$1,065; val. bldgs., \$3,500; exp. dept., \$100; tot. mem., 20 vol., pd. part time.

Water Supply—Src., wells; sys., 100-ft. tower pump; 1 hyd.; 2 mains, 200 ft.; pres., dom. 63 lbs., f. 50 lbs.; cost, \$6,000; cost mtce., \$100.

COTTONWOOD, p. 770. F. dept.—1 h. & 1 trk., 1 c. eng., 2,000 ft. hose, bell al., 22 vol.

COURTLAND, p. 250; f. area, 160 a. F. dept.—1 pump. eng.; val. equip., \$3,000; val. bldgs., \$2,500; exp. dept., \$75; tot. mem., 26, pd. part time.

Water Supply—Src., well; sys., pump dir.; 1 pump. eng., 7 hyd.; mains, 2,000 ft.; pres., f., 180 lbs.; cost, \$3,000; cost mtce., \$75; wks. owned by village.

CROOKSTON, p. 7,559; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 1 hose wag., 1 comb. c. & l. wag., 6 c. ex. in reserve, 8 hose carts, 1 h. & l. trk., 1 c. eng., 2 hose sleighs; hose, cot., rub. lined, gd., 4,500 ft.; f. al., bell & Gamewell, 5 bx.; val. equip., \$11,500; val. bldgs., \$20,000; exp. dept., \$3,946; tot. mem., 25, pd. full time 2, vol. 23; undra. rating, fourth class.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 50,000 gals.; pump. eng., cap. day 3,000,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 70 hyd.; 49 met.; pres., dom. 60 lbs., f. 90 to 110 lbs.; cons. day, 300,000 gals.; cost, \$150,000; wks. owned by Co.

CROSBY, F. dept. not reported.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals., mat., stl.; 2 pump. eng., class centrif., cap. min. 600 gals.; mains, 3 m., 4 to 10 in. dia.; 24 hyd.; 63 v.; pres., dom. 45 lbs., f. 80 lbs.; wks. owned by priv. Co.

CURRIE, p. 329. F. dept.—1 str., 1,250 ft. hose, 24 vol., bell al.

DANUBE, p. 225; f. area, 10 a. F. dept.—1 hose cart, 500 ft. hose; val. equip., \$1,000; val. bldgs., \$800; tot. mem., 16 vol.

Water Supply—Src., well; sys., pump to stdp.; 1 pump. eng., cap. 2,500 bbls. day; 6 hyd.; mains, 1 m.; pres., dom., 32 lbs.; cost, \$1,800; cost mtce., \$800; wks. owned by city.

DANVERS, p. 215. F. dept.—2 c. eng., 500 ft. hose; f. al., bell; val. equip., \$700; val. bldgs., \$500; tot. mem., 25 vol.

DARFUR, p. 110; f. area, 25 a. F. dept.—1 gas. eng., 12 buckets, ladders, etc.; hose, 1,000 ft.; val. equip., \$500; val. bldgs., \$500; exp. dept., \$65; tot. mem., 18 vol.

Water Supply—Src., well, in bus. cent.; sys., grav.; 1 pump. eng., cap. day 100,000 gals.; wks. owned by C. & N. W. Ry. Co. & village.

DASSEL, p. 648; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 c. hand ex., 2 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$13,500; exp. dept., \$300; tot. mem., 25 vol.

Water Supply—Src., 2 wells, 1 block bus. cent.; sys., pump to res.; res. cap., 16,000 bbls.; 2 pump. eng., cap. day 50,000 gals.; mains, c. i., 1 m., 4 to 8 in. dia.; 20 hyd.; pres., dom. & f., 40 lbs.; cost, \$9,000; cost mtce., \$720; wks. owned by city.

DAWSON, p. 1,318. F. dept.—1 h. & l. trk., 2 hose carts, 2 c. eng.; hose, 1,000 ft.; f. al., bell; tot. mem., 30 vol.

Water Supply—Src., wells; stdp. cap., 60,000 gals.; mains, 9,000 ft., 4 to 8 in. dia.; 16 hyd.; pres., dom. 55 lbs., f. 90 lbs.

DEERWOOD, p. 850; f. area, 80 a. F. dept.—1 h. & l. trk., 1 hose cart, 2 c. eng., 750 ft. hose; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$1,000; tot. mem., 26 vol.

Water Supply—Src., wells, sys., dir. pres., 1 pump. eng., cap. 300,000 gals. day; 9 hyd.; 8 v.; mains, $1\frac{1}{2}$ m.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$15,000; cost mtce., \$500; wks. owned by village.

DE GRAFF, p. 215. F. dept.—1 str., 1,000 ft. hose, bell al., 15 vol.

DELANO, p. 1,031; f. area, 18 blocks; merc. bldgs., wd. & bk., 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$4,500; exp. dept., \$500; tot. mem., 24 vol.; undra. rating, third class.

Water Supply—Src., wells, 4 blocks bus. cent.; sys., pump to res.; res. cap., 50,000 gals.; 1 pump. eng., class dup., cap. day 240,000 gals.; mains, c. i., 2 m., 4 to 6 in. dia.; 25 hyd.; 8 v.; 108 met.; 120 serv.; pipe, galv. l.; pres., dom. 45 lbs.,

f. 100 lbs.; cons. day, 30,000 gals.; cost, \$12,000; cost mtce., \$600; wks. owned by city.

DELAVER, p. 284. F. dept.—1 h. & l. trk., 1 hand eng., 1,000 ft. hose, bell al., 18 vol.

DENT, p. 244. F. dept.—1 c. eng., bell al.; vol. f. dept.

DETROIT, p. 2,200; f. area, 320 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.; val. equip., \$2,539; val. bldgs., \$3,000; exp. dept., \$200; tot. mem., 40 vol.; undra. rating, third class.

Water Supply—Src., lake; sys., pump to stdp.; stdp. cap., 100,000 gals., 90 ft. high, mat. wd.; pump. eng., cap. day 720,000 gals.; mains, 24 m., 4 to 10 in. dia.; 42 hyd.; 13 v.; met., 6; 10 serv.; pipe, wrt. l.; pres., dom. 45 lbs., f. 100 lbs.; cost, \$25,000; cost mtce., \$200; wks. owned by city.

DODGE CENTER, p. 957. F. dept.—1 h. & l. trk., 1 c. eng., 1,000 ft. hose, bell al., 1 vol.

DONALDSON, p. 182. F. dept.—1 h. & l. trk., 1 gasoline eng., 100 ft. hose, bell al., 1 vol.

DULUTH, p. 78,466; f. area, 14 sq. m.; merc. bldgs., bk., 1 to 15 stor.; priv., bk. & wd., 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 3 chief's auto., 2 auto. str. equipped with c. tank & hose, 1 c. eng., 3 h. & l. trk., 27 c. hand ex., 1 aer. trk., 3 hose wag., 1 comb. c. & h. wag., 2 auto. comb. c. & hose wag., 2 hose reels, 32 hrs.; hose, cot., rub. lined, gd., 23,500 ft.; f. al., Gamewell, 159 bx.; val. equip., \$118,365; exp. dept., \$144,802; tot. mem., 112, pd. full time.

Water Supply—Src., lake, 9 m. bus. cent.; sys., pump to res.; 3 res., cap. 28,500,000 gals., loc. at East Fourth st. & Thirty-fourth ave.; 3 pump. eng., class trip. & centrif., cap. day 25,000,000 gals.; mains, c. i., 145.81 m., 8 to 36 in. dia.; 990 hyd.; 988 v.; met., 4,967; 9,614 serv.; pipe, lead & c. i.; pres., dom. 120 lbs., f. 120 lbs.; cons. day, 9,500,000 gals.; cost, \$2,853,000; cost mtce., \$80,000; wks. owned by city.

DUMONT, p. 188. F. dept.—1 hose cart, 500 ft. hose, vol.

EAGLE BEND, p. 551. F. dept.—1 gasoline eng., 1 c. eng., 1 h. & l. trk., 1,200 ft. hose, bell al., 20 vol.

EAST GRAND FORKS, p. 2,533; f. area, 1,000 a.; merc. bldgs., stn. bk. & wd., 1 & 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 2 c. hand ex., 1 hose wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 200 ft.; tot. hose, 4,300 ft.; f. al., Gamewell, 4 bx.; val. equip., \$12,000; val. bldgs., \$12,000; exp. dept., \$300; tot. mem., 10 vol.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 1 pump., cap. 1,000 gals.; mains, 8 m., 6 to 10 in. dia.; 69 hyd.

ECHO, p. 430; f. area, 5 a. F. dept.—2 hose carts; hose, 1,200 ft.; val. equip., \$1,200; val. bldgs., \$200; exp. dept., \$75; tot. mem., 22 vols.

Water Supply—Src., stdp., cap. 150,000 gals.; 5 hyd.; mains, 3,000 ft.; cost mtce., \$500; wks. owned by city.

EDEN VALLEY, p. 740; f. area, 70 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., gd., 400 ft.; inf., 500 ft.; tot. hose, 900 ft.; bell al.; val. equip., \$4,500; exp. dept., \$125; tot. mem., 9 vol.

Water Supply—Src., wells; stdp. cap., 2,000 bbls.; mains, $\frac{1}{4}$ m.; 4 hyd.

EDGERTON, p. 381. F. dept.—1 hose cart, 750 ft. hose, vol.

ELBA, p. 151; f. area, 80 a. F. dept.—2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 100 ft.; inf., 50 ft.; tot. hose, 650 ft.; tot. mem., 10 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., dir. & grav.; elevated cistern cap., 1,600 bbls.; 1 pump. eng., cap. 3,000 bbls.; mains, iron, 1 m., 4 to 6 in. dia.; 11 hyd.; pres., dom. 75 lbs., f. 95 lbs.; cost mtce., \$100; wks. owned by city.

ELBOW LAKE, p. 776. F. dept.—1 h. & l. trk., 1 c. eng., 1,050 ft. hose, bell & wh. al., 20 vol.

ELGIN, p. 324. F. dept.—1 hose cart, 700 ft. hose, bell al., 12 vol.

ELIZABETH, p. 200; f. area, 12 blocks. F. dept.—1 hand pump, 500 ft. hose; val. equip., \$500; exp. dept., \$100; tot. mem. 20, pd. part time.

Water Supply—Src., cisterns; sys., dir. pres.; 1 pump; mains, 500 ft.; cost mtce., \$100; wks. owned by city.

ELK RIVER, p. 859. F. dept.—1 str., 1 h. & 1 trk., 5 c. ex., 1,000 ft. hose, telp. & bell al., 1 pd. man.

ELLENDALE, p. 261. F. dept.—1 hose cart, 500 ft. hose, 16 vol.

ELLSWORTH, p. 586; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., stn. & wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,350 ft.; f. al., bell & wh.; val. equip., \$8,000; tot. mem., 17 vol.

Water Supply—Src., well, $\frac{1}{2}$ m. bus. cent.; sys., compressed air; res. cap., 60,000 gals.; pump. eng., cap. day 144,000 gals.; mains, c. i. 4,000 ft., 4 to 6 in. dia.; 9 hyd.; 6 v.; 11 serv.; pipe, galv. i.; pres., dom. & f., 75 to 100 lbs.; cost, \$7,500; wks. owned by city.

ELMORE, p. 795. F. dept.—1,500 ft. hose, bell al., 25 vol.

ELY, p. 3,572; f. area, 400 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 4 c. hand ex., 3 hose car., 1 c. eng.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., wh. & elec., 14 bx.; val. equip., \$3,500; exp. dept., \$1,500; tot. mem., 30 vol.

Water Supply—Src., lake, 3,000 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 95,000 gals., dim. 18 x 30, mat. stl.; res. cap., 500,000 gals.; 2 pump. eng.; mains, c. i., 11,080 ft., 4 to 10 in. dia.; 18 hyd.; 7 v.; 120 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 120 lbs.; cons. day, 75,000 gals.; cost, \$35,000; wks. owned by city.

EMMONS, p. 223. F. dept.—2 c. eng., 1 h. & 1 trk., 3 hose reels; hose, cot., rub. lined, gd., 1,400 ft.; inf., 200 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$800; tot. mem., 26 vol.

EMMONS, p. 223. F. dept.—2 c. eng., 1,000 ft. hose, bell al., 22 vol.

ERSKINE, p. 324. F. dept.—2 h. & 1 trk., 1,600 ft. hose; bell al.; 26 vol.

EVANSVILLE, p. 389; f. area, 8 a.; bldgs., bk. & wd., $1\frac{1}{2}$ to 2 stor. F. dept.—1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 900 ft.; rub., gd., 600 ft.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., bell & telp.; val. equip., \$1,400; val. bldgs., \$150; exp. dept., \$50; tot. mem., 30 vol.

Water Supply—Src., wells & cisterns; sys., pump to stdp. & mains; mains, 1 m.

EVELETH, p. 7,086; f. area, 5 blocks each way; height of merc. bldgs., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 4 c. hand ex., 2 h. & 1 trk., 4 hose car., 2 hrs.; hose, rub. lined, gd., 4,000 ft.; inf., 2,000 ft.; tot. hose, 6,000 ft.; f. al., Gamewell, 13 bx.; val. equip., \$4,000; val. bldgs., \$20,000; exp. dept., \$5,000; tot. mem., 50, pd. part time 25, vol. 25.

EXCELSIOR, p. 1,016; f. area, 160 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 1 hose wag., 1 hose reel; hose, 1,500 ft.; f. al., bell & 8 bx.; val. equip., \$2,700; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 15 vol.

Water Supply—Src., Lake Minnetonka.

EYOTA, p. 423. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 900 ft.; inf., 100 ft.; tot. hose, 1,000 ft.; f. al., bell; 25 vol.

FARIBAULT, p. 9,001; f. area, 1,920 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 8 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose car., 3 hrs.; hose, cot., rub. lined, gd., 4,700 ft.; f. al., telp.; val. equip., \$25,000; val. bldgs., \$10,000; exp. dept., \$3,500; tot. mem., 56, pd. full time 1, pd. part time 12, 43 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 800,000 gals.; pump. eng., cap. day 2,500,000 gals.; mains, c. i., 17 m., 4 to 14 in. dia.; 108 hyd.; 140 v.; met., 700; 650 serv.; pipe, lead; pres., dom. 90 to 95 lbs., f. 125 lbs.; cost, \$180,000; cost mtce., \$11,720; wks. owned by city.

FAIRFAX, p. 815. F. dept.—1 str., 2 hose carts, 1,800 ft. hose, bell al., 24 vol.

FAIRMONT, p. 2,958; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & 1 trk., 2 c. hand ex., 3 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 2,400 ft.; rub. gd., 600 ft.; tot. hose, 3,000 ft.; f. al., wh.; val. equip., \$5,800; exp. dept., \$500; tot. mem., 40 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump. dir. & grav.; stdp. cap., 100,000 gals.; mat. stl.; res. cap., 40,000 gals.; 2 pump. eng., cap. day, 2,300,000 gals.; mains, c. i., 8 m., 4 to 10 in. dia.; 60 hyd.; 22 v.; met., 300; 375 serv.; pipe galv. i. & lead; pres., dom. 60 lbs., f. 80 to 200 lbs.; cons. day, 400,000 gals.; cost, \$40,000; wks. owned by city.

FARMINGTON, p. 1,024; f. area, 20 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 6 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; inf., 400 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$7,500; exp. dept., \$200; tot. mem., 30 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 55,000 gals.; 1 pump. eng., cap. day 800,000 gals.; mains, iron, 1 m., 4 to 8 in. dia.; 22 hyd.; 6 v.; pres., dom. 45 lbs., f. 75 lbs.; cons. day, 40,000 gals.; cost, \$11,300; cost mtce., \$400; wks. owned by town.

FERGUS FALLS, p. 6,887; f. area, 35 blocks; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 4 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; inf., 800 ft.; tot. hose, 2,800 ft.; f. al., bell & elec.; val. bldgs., \$5,000; exp. dept., \$750; tot. mem., 27 vol.; undrs. rating, third class.

Water Supply—Src., riv., 2 m. bus. cent.; sys., pump dir.; stdp. cap., 750,000 gals.; dim. 75 x 22; mat. conc.; 4 pump. eng., cap. day, 6,250,000 gals.; mains, c. i., 12 m., 4 to 16 in. dia.; 80 hyd.; 60 v.; 900 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 100 lbs.; cons. day, 1,000,000 gals.; cost, \$147,000; wks. owned by city.

FERTILE, p. 614; f. area, 80 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; inf., 500 ft.; tot. hose, 1,000 ft.; f. al., bell; exp. dept., \$58; tot. mem., 25 vol.

Water Supply—Src., well, 8 blocks bus. cent.; sys., pump to res.; stdp. cap., 150,000 gals.; mat., iron; res. cap., 30,000 gals., loc. 8 blocks bus. cent.; 2 pump. eng., cap. day 432,000 gals.; mains, iron, $1\frac{1}{2}$ m., 4 to 8 in. dia.; 16 hyd.; 9 v.; 72 serv.; pres., dom. 47 lbs., f. 110 lbs.; cost, \$8,500; cost mtce., \$600; wks. owned by city.

FISHER, p. 328; f. area, 30 a. F. dept.—1 str.; hose, 1,800 ft.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$100; tot. mem., 20 vol.

Water Supply—Src., Red Lake riv. & src.

FOLEY, p. 710; f. area, 110 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 c. eng., 1 comb. c. & h. wag., 2 hose wag.; hose, cot., rub. lined, gd., 900 ft.; inf., 300 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 30 vol.

FOREST LAKE, p. 540. F. dept.—1 str., 2 hose carts, 1,000 ft. hose; f. al., telp. & bell; 25 vol.

FORT SNELLING, p. 700; f. area, 150 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 gas eng., 2 c. ex., 1 h. & 1 trk., 5 hose car., 10 ex. ladders; hose, cot., gd., 1,835 ft.; f. al., telp.; val. equip., \$2,000; exp. dept., \$500.

Water Supply—Src., artesian well, cap. 1,000

gals. min.; sys., pump to stdp. & dir.; stdp. cap., 800,000 gals.; pump. eng., cap. day 2,160,000 gals.; mains, c. l., 3 1/2 m., 2 to 8 in. dia.; 44 hyd.; 25 v.; 96 serv.; pres., dom. 45 lbs.; f. 150 lbs.; cost, \$80,000; cost mtce., \$4,500.

FOSSSTON, p. 1,075; f. area, 160 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell & wh., 8 bx.; val. equip., \$1,750; val. bldgs., \$800; tot. mem., 25 vol.; undra. rating, third class.

Water Supply—Src., wells; sys., grav., pump to stdp.; stdp. cap., 80,000 gals.; pump. eng., cap. day 400,000 gals.; mains, c. l., 1/2 m., 4 to 6 in. dia.; 14 hyd.; 50 serv.; pres., dom. 50 lbs.; cost, \$16,000; cost mtce., \$1,200; wks. owned by town.

FOUNTAIN, p. 321. F. dept.—Bell & wh. al.; 23 vol.

FOXHOME, p. 306; f. area, 80 a. F. dept.—1 h. & l. wag., 1 c. eng.; hose, 1,000 ft.; val. equip., \$800; val. bldgs., \$800; exp. dept., \$20; tot. mem., 25 vol.

Water Supply—Not reported.

FRANKLIN, p. 489. F. dept.—750 ft. hose; f. al., bell; 18 vol.

FRAZEE, p. 1,645; merc. bldgs., wd. F. dept.—1 gas eng., 2 comb. c. & h. wag., 1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 200 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 50 vol.

No Water Works.

FREEMPORT, p. 450; f. area, 200 a. F. dept.—1 h. & l. trk., 2 str., 1 c. eng., 1 comb. c. & h. wag.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$400; val. bldgs., \$600; exp. dept., \$20; tot. mem., 17 vol.

FULDA, p. 748; f. area, 5 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk.; 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$5,000; tot. mem. 20, pd. \$1.00 per hour.

GARY, p. 251. F. dept.—1 str., 1 hose cart, hooks & ladders, 750 ft. cot., rub. lined hose; f. al., bell; val. equip., \$1,500; val. bldgs., \$700; exp. dept., \$100; tot. mem., 12 vol.

GAYLORD, p. 610; f. area, 21 blocks; merc. bldgs., bk. & wd., 1 to 6 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$10,000; exp. dept., \$50; tot. mem., 34 vol.

Water Supply—Src., wells, cisterns, cap. 1,400 bbls.

GHEENT, p. 210; f. area, 40 a. F. dept.—1 str., h. & l. hose carts; val. equip., \$1,600; val. bldgs., \$200; exp. dept., \$20; tot. mem., 23 vol.

Water Supply—Src., 2 wells; cost, \$800.

GIBSON, p. 538; f. area, 30 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 6 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 1,000 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$15,000; val. bldgs., \$5,500; exp. dept., \$150; tot. mem., 29 vol.

Water Supply—Src., well & 3 cisterns, cap. 2,100 bbls., in bus. cent.; sys., pump dir. to mains; res. cap., 83,000 gals.; 1 pump. eng., cap. 144,000 gals. day; mains, c. l., 3,600 ft., 4 to 8 in. dia.; 10 hyd.; 4 v.; pres., f.; 45 lbs.; cost, \$9,000; cost mtce., \$250; wks. owned by city.

GLENCOE, p. 1,788; f. area, 320 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 1 hose wag., 2 hose car.; hose, rub. gd., 2,000 ft.; f. al., bell, wh. & elec., 7 bx.; val. equip., \$6,500; val. bldgs., \$11,500; exp. dept., \$500; tot. mem., 50 vol.

Water Supply—Src., well, 5 blocks bus. cent.; sys., grav., pump to res. & dir.; res. cap., 100,000

gals.; pump. eng., cap. day 1,200,000 gals.; mains, 5 1/2 m., 4 to 12 in. dia.; 36 hyd.; met., 125; 50 serv.; pres., dom. 65 lbs., f. 125 lbs.; com. day, 100,000 gals.; cost, \$40,000; cost mtce., \$1,245; wks. owned by town.

GLENWOOD, p. 2,161; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., sta. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 3 c. hand ex.; 1 h. & l. trk., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & elec., 8 bx.; val. equip., \$2,900; val. bldgs., \$11,000; exp. dept., \$200; tot. mem., 25 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; res. cap., 150,000 gals.; mains, c. l.; pipe, 7 m., 6 to 8 in. dia.; 40 hyd.; 296 serv.; pres., dom. 70 lbs.; cost, \$81,000; cost mtce., \$1,400; wks. owned by city.

GOODHUE, p. 408. F. dept.—2 c. eng., 1,600 ft. hose; f. al., bell; 24 vol.

GOOD THUNDER, p. 419. F. dept.—1 h. & l. trk., 1,000 ft. hose; 25 vol.

GRACEVILLE, p. 987; f. area, 160 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 c. hand ex., 2 hose carts, 1 h. & l. wag.; hose, rub. gd., 1,400 ft.; f. al., bell & wh.; exp. dept., \$70; tot. mem., 19 vol.; undra. rating, third class.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; mat. wd. & iron; 2 pump. eng., cap. day 140,000 gals.; mains, c. l., 3 m., 4 to 8 in. dia.; 30 hyd.; met., 150; 150 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 80 lbs.; cost, \$15,000; cost mtce., \$2,500; wks. owned by village.

GRAND MEADOW, p. 552; f. area, 320 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car., 2 aer. trk.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 29 vol.

GRAND RAPIDS, p. 2,230; f. area, 8 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 800 ft.; inf., 300 ft.; tot. hose, 3,100 ft.; f. al., tarp.; val. equip., \$6,000; val. bldgs., \$4,000; tot. mem., 42 vol.

Water Supply—Src., spr. & lake, 1-3 m. bus. cent.; sys., pump to stdp. & mains; stdp. cap., 100,000 gals.; mat., stl.; res. cap., 100,000 gals.; 2 pump. eng., cap. day 500,000 gals.; mains, c. l., 4 m., 6 to 8 in. dia.; 26 hyd.; 215 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 100 lbs.; cost, \$65,000; cost mtce., \$10,000; wks. owned by city.

GRANITE FALLS, p. 1,454; f. area, 160 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 750 ft.; rub. gd., 400 ft.; tot. hose, 1,150 ft.; f. al., bell & wh.; val. equip., \$4,500; val. bldgs., \$2,000; exp. dept., \$800; tot. mem., 25 vol.

Water Supply—Src., riv., in bus. cent.; sys., grav. & pump dir.; res. cap., 60,000 gals.; 1 pump. eng., class trip., cap. hour 30,000 gals.; mains, c. l., 3 m., 6 to 10 in. dia.; 21 hyd.; 18 v.; met., 98; pres., dom. 85 lbs., f. 85 lbs.; com. day, 60,000 gals.; cost, \$58,000; wks. owned by city.

GREENBUSH, p. 350; f. area, 23 a. F. dept.—hose carts, 2,000 ft. hose; val. equip., \$3,000; val. bldgs., \$400; tot. mem., 18 vol.

Water Supply—Src., well; sys., pump to stdp.; 1 pump; 7 hyd.; 2 v.; mains, 2,000 ft.; cost, \$7,500; wks. owned by village.

GREEN ISLE, p. 256; f. area, 20 a.; val. equip., \$1,700; val. bldgs., \$6,000; tot. mem., 20 vol.

Water Supply—Src., cisterns; sys., pump; wks. owned by city.

GREY EAGLE, p. 378. F. dept.—1 hand eng., 400 ft. hose; f. al., bell; 30 vol.

GROVE CITY, p. 351; f. area, 15 a. F. dept.—1 h. & l., 1 hose cart; val. equip., \$1,000; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 23 vol.

Water Supply—Src., deep well, in bus. cent.; sys., pump to stdp.; stdp. cap., 32,000 gals.; pump, cap. day 32,000 gals.; 11 hyd.; 6 v.; 40 met.; 40 serv.; mains, 1 m.; pres., dom. 75 lbs., f. 80 lbs.; cons. day, 10,000 gals.; cost, \$10,000; cost mtce., \$600; wks. owned by city.

HALLOCK, p. 910; f. area, 40 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area. F. dept.—1 str., 1 c. eng., 1 h. & 1 trk., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 150 ft.; inf., 500 ft.; tot. hose, 2,150 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,500; tot. mem., 32 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to res.; res. cap., 65,000 gals.; pump, eng., cap. day 432,000 gals.; mains, iron, 2 m., 4 to 8 in. dia.; 19 hyd.; 10 v.; 3 met.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 75,000 gals.; cost, \$15,000; cost mtce., \$300; wks. owned by city.

HALSTEAD, p. 494; f. area, 100 a. F. dept.—2 c. hand ex., 1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$75; tot. mem., 25 vol.

Water Supply—Src., flowing well; sys., elevated tk.; 10 hyd.; 3 v.; mains, 6,000 ft.; pres., f. 45 lbs.; cost, \$8,000; cost mtce., \$250; wks. owned by city.

HAMMOND, p. 241. F. dept.—1 str., 1,000 ft. hose; 20 vol.

HANCOCK, p. 524. F. dept.—1 h. & 1 trk., 1,200 ft. hose; f. al., bell; 25 vol.

HANLEY FALLS, p. 275. F. dept.—1 str., 900 ft. hose; f. al., bell; 20 vol.

HARDWICK, p. 292. F. dept.—1 str., 1 h. & 1 trk., 600 ft. hose; f. al., bell; 84 vol.

HARMONY, p. 655. F. dept.—1 h. & 1 trk., 1,000 ft. hose; f. al., bell & wh.; 36 vol.

HARTLAND, p. 227; f. area, 90 a. F. dept.—2 hose carts, h. & l.; hose, cot., rub. lined, gd., 850 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$4,500; exp. dept., \$75; tot. mem., 25 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; 1 pump, eng.; mains, 3,000 ft.; 8 hyd.; 4 v.; cost, \$6,000; cost mtce., \$300; wks. owned by city.

HASTINGS, p. 3,983; f. area, 300 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 4 c. hand ex., 2 h. & 1 trk., 1 hose wag., 4 hose car., 1 comb. c. & h. wag., 2 hra.; hose, cot., gd., 3,000 ft.; f. al., bell; val. equip., \$3,600; val. bldgs., \$2,500; exp. dept., \$100; tot. mem. 21, pd. part time.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 164,000 gals.; dim., 20 x 70; mat. iron.; 1 pump, eng.; cap. day, 550,000 gals.; mains, c. l.; 4 m.; 6 to 12 in. dia.; 53 hyd.; 26 v.; 17½ serv.; pipe, galv. i.; pres. dom. & f. 35 to 75 lbs.; cons. day 80,000 gals.; wks. owned by city.

HAYFIELD, p. 586. F. dept.—650 ft. hose; 20 vol.

HECTOR, p. 866. F. dept.—1,200 ft. hose; f. al., bell & telp.; 24 vol.

HENDERSON, p. 753; f. area, 300 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 h. & 1 trk., 2 hose car.; hose, rub. gd., 1,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,500; exp. dept., \$75; tot. mem., 88 vol.

Water Supply—Src., res., cap. 600,000 gals.; 1 pump, class dup., cap. 400 gals.; mains, 4 to 8 in. dia.; 15 hyd.

HENDRICKS, p. 450; f. area, 10 a. F. dept.—2 hose carts, 2 c. eng., 1,000 ft. hose; val. equip., \$13,000; vol.

Water Supply—Src., well; sys., dir. pres.; 13 hyd.; mains, 2,280 ft.; pres., dom., 60 lbs.; wks. owned by city.

HENDRUM, p. 355. F. dept.—1 str., 1,000 ft. hose; 16 vol.

HERMAN, p. 604; f. area, 50 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—7 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.

f. al., bell; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$100; tot. mem. 20, pd. part time.

Water Supply—Src., 2 wells, 3 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 64,000 gals.; dim., 20 x 22; mat., wd.; pump, eng., cap. day 80,000 gals.; mains, c. l., ¼ m., 6 to 8 in. dia.; 6 hyd.; 3 v.; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 10,000 gals.; cost, \$8,500; cost mtce., \$700; wks. owned by city.

HERON LAKE, p. 803; f. area, 320 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ to 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., 6 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 400 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$700; exp. dept., \$200; tot. mem., 40 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, in bus. cent.; sys., pump to res.; res. cap., 25,000 gals.; pump, eng., cap. day 25,000 gals.; cost, \$3,000; cost mtce., \$500; wks. owned by town.

HIBBING, p. 8,832; f. area, 1½ m.; merc. bldgs., bk., conc. & wd., 1 to 3 stor.; priv., bk., conc. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. h. & c. wag., 1 comb. h. & c. wag., 1 h. & 1 trk., 1 hose wag., 1 hand c. eng., 8 c. hand ex., 1 hand hose reel, 7 hra.; hose, cot., rub. lined, 4,000 ft.; fair, 1,750 ft.; tot. hose, 5,750 ft.; f. al., Gamewell, 55 bx.; val. equip., \$28,500; val. bldgs., \$68,000; exp. dept., \$33,000; tot. mem., 26, pd. full time.

Water Supply—Src., 2 underground res., comb. cap. 3,480,000 gals.; 7 m. mains, 4 to 10 in. dia.; 77 hyd.; 2 stdp., comb. cap. 100,000 gals.

HILL CITY, p. 1,000; f. area, 1 m. F. dept.—2 c. eng., 2 hose carts, 5 ladders, 5 nozzles, 1,000 ft. hose; val. equip., \$1,000; tot. mem., 36 vol.

Water Supply—Src., well; sys., dir. pres.; 1 pump, eng.; 9 hyd.; mains, 4,000 ft.; pres., dom. & f., 65 lbs.; cost, \$15,000; wks. owned by city.

HINCKLEY, p. 678; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 gas eng., 8 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 900 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$3,500; exp. dept., \$275; tot. mem., 10 vol.

Water Supply—Src., wells & cisterns; 1 pump, 14 hp.; hyd. & mains.

HOFFMAN, p. 391. F. dept.—1 str., 2 hose reels, 1,100 ft. hose; f. al., bell; val. equip., \$2,000; val. bldgs., \$900; 25 vol.

HOKAH, p. 400; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—2 hand eng., 100 pails; hose, cot., gd., 1,000 ft.; val. equip., \$300; val. bldgs., \$3,000; undrs. rating, third class.

Water Supply—Src., wells.

HOPKINS, p. 2,500; merc. bldgs., bk. & wd. F. dept.—2 c. eng., 1 h. & 1 trk., 2 hose car.; hose, 1,500 ft.; f. al., bell; tot. mem., 30 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 80,000 gals.; res. cap., 56,000 gals.; mains, 2½ m., 4 to 8 in. dia.; 30 hyd.; 14 v.; 205 met.; pres., dom. & f., 60 lbs.; cons. day, 18,000 gals.; cost, \$15,000; cost mtce., \$160; wks. owned by city.

HOUSTON, p. 700. F. dept.—1 h. & 1 trk., 1,000 ft. hose; 26 vol.

HOWARD LAKE, p. 626; f. area, 100 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al., wh.; val. equip., \$6,000; exp. dept., \$104; tot. mem., 25 vol.

Water Supply—Src., lake; sys., grav., pump to stdp.; stdp. cap., 1,800 bbls.; 12 hyd.; 50 serv.; pres., dom. 60 lbs., f. 65 to 70 lbs.; cons. day, 1,500 gals.; cost, \$11,000; wks. owned by town.

HUTCHINSON, p. 2,368; f. area, 320 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 1 c. eng. 2 hose wag., 3 sleighs, hose, cot., rub. lined, gd., 1,200 ft.; rub. gd., 800 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; wh. & telp.; val. equip., \$3,400; val.

bdgs., \$800; exp. dept., \$200; tot. mem. 48, pd. part time 1, vol. 47.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 100,000 gals.; pump. eng., cap. day 1,252,000 gals.; mains, 4 m., 4 to 10 in. dia.; 34 hyd.; met., 4; 70 serv.; pres., dom. 63 lbs.; f. 125 lbs.; cost, \$22,900; cost mtce., \$1,000; wks. owned by city.

INTERNATIONAL FALLS, p. 1,487. F. dept.—1 str., 2,000 ft. hose; 20 vol.

IONA, p. 400; f. area, 80 a.; merc. bdgs., bk. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bdgs., \$3,000; exp. dept., \$25; tot. mem., 15 vol.

Water Supply—Src., deep well, in bus. cent.; sys., pump to stdp.; mat., wd. & iron; 1 pump. eng., cap. day 23,040 gals.; 4 hyd.; 2 v.; pres., dom. 38 lbs., f. 38 lbs.; cons. day, 5,760 gals.; cost, \$6,000; wks. owned by city.

ISANTI, p. 316. F. dept.—1 str., 1,100 ft. hose; f. al., bell; 26 vol.

IVANHOE, p. 484. F. dept.—2 hose wag., 900 ft. hose; f. al., bell; 30 vol.

JACKSON, p. 1,907; f. area, 100 a.; merc. bdgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose car., 5 c. ex.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$1,700; val. bdgs., \$1,600; exp. dept., \$400; tot. mem., 52 vol.

Water Supply—Src., well & riv., 1,000 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; mat., stil.; pump. eng., cap. day 250,000 gals.; mains, c. i., 1½ m., 4 to 8 in. dia.; 31 hyd.; 15 v.; met., 5; 125 serv.; pipe, iron; pres., dom. 75 lbs., f. 75 lbs.; cons. day, 1,200 bbls.; cost, \$27,000; cost mtce., \$500; wks. owned by city.

JANESVILLE, p. 1,173; f. area, 30 a.; merc. bdgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—36 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 200 ft.; tot. hose, 1,000 ft.; f. al., wh.; val. equip., \$2,000; val. bdgs., \$100; exp. dept., \$125; tot. mem., 40 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 65,000 gals.; mains, ½ m., 4 in. dia.; 6 hyd.; 4 v.; pres., dom. 45 lbs., f. 50 lbs.; cost, \$2,100; wks. owned by village.

JASPER, p. 704; f. area, 80 a. F. dept.—2 hose carts; hose, 1,500 ft.; val. equip., \$1,000; val. bdgs., \$200; exp. dept., \$100; tot. mem., 21 vol.

Water Supply—Src., spr.; sys., tk. on elevation; 4 pumps, cap. 250 gals. min.; 16 hyd.; 32 v.; mains, 4 m.; pres., dom. 150 lbs., f. 180 lbs.; cost, \$4,000; wks. owned by city.

JORDAN, Scott Co., p. 1,151; merc. bdgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$5,500; val. bdgs., \$3,000; exp. dept., \$180; tot. mem., 40 vol.

Water Supply—Src., creek, cisterns, pond & well, 1,000 ft. bus. cent.; sys., pump to res.; res. cap., 75,000 gals.; 2 pump. eng., cap. day 252,000 gals.; mains, c. i., 1½ m., 6 to 8 in. dia.; 15 hyd.; pres., dom. & f., 66 lbs.; cost, \$10,000; wks. owned by city.

KASSON, p. 932; f. area, 5 a.; merc. bdgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bdgs., \$3,500; exp. dept., \$100; tot. mem., 23 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 2,500 bbls.; 2 pump. eng., class comp. dup., cap. day 172,800 gals.; mains, c. i., 2½ m., 6 to 10 in. dia.; 29 hyd.; 40 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 60 to 80 lbs.; cost, \$3,000; wks. owned by city.

KELLOGG, p. 400; f. area, 240 a. F. dept.—1 gas eng. & pump; f. al., bell; val. equip., \$2,000; val. bdgs., \$300; exp. dept., \$75; vol.

Water Supply—Src., cistern; 1 m. bus. cent.; sys. dir., pres.; 1 pump. eng., cost, \$2,000; cost mtce., \$75; wks. owned by city.

KENNEDY, p. 232; f. area, 40 a. F. dept.—1 gasoline eng., 1 c. eng., 1 h. & 1 trk.; hose, 1,000 ft.; val. equip., \$3,000; val. bdgs., \$800; exp. dept., \$100; tot. mem. 24, pd. part time 1, vol. 23.

Water Supply—Src., artesian wells; sys., res.

KENSINGTON, p. 244. F. dept.—1 str., 1,500 ft. hose; f. al., bell; 10 pd. men.

KENYON, p. 1,227; f. area, 40 a.; merc. bdgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 300 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$2,600; val. bdgs., \$5,000; tot. mem., 30 vol.; undrs. rating, third class.

Water Supply—Src., well, 600 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; res. cap., 1,800 bbls.; pump. eng., cap. day 168,000 gals.; mains, c. i., 1 m., 4 to 6 in. dia.; 25 hyd.; 47 serv.; pres., dom. 40 lbs., f. 40 lbs.; cost, \$4,500; cost mtce., \$500; wks. owned by village.

KERKHOVEN, p. 432. F. dept.—1 str., 500 ft. hose; f. al., bell; 15 vol.

KIESTER, p. 258. F. dept.—1 h. & 1 trk., 600 ft. hose; f. al., bell; 16 vol.

KILKENNY, p. 208. F. dept.—1 hose cart, 800 ft. hose; val. equip., \$2,000; val. bdgs., \$4,000; 20 vol.

LAFAYETTE, p. 250. F. dept.—1 gas eng., 1 hose cart, 1,100 ft. hose; val. equip., \$1,800; val. bdgs., \$400; exp. dept., \$35; tot. mem., 19 vol.

Water Supply—Src., cisterns.

LAKE BENTON, p. 844; merc. bdgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; tot. mem., 21 vol.; undrs. rating, third class.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to res.; res. cap., 81,000 gals.; pump. eng., class dup., cap. day 250,000 gals.; mains, iron, 2 m., 4 to 8 in. dia.; 11 hyd.; met., 45; 45 serv.; pipe, iron; pres., dom. 98 lbs., f. 125 lbs.; cost, \$13,000; cost mtce., \$600; wks. owned by village.

LAKE CITY, p. 3,142; f. area, 20 a.; merc. bdgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bdgs., \$7,500; exp. dept., \$200; tot. mem., 32 vol.

Water Supply—Src., well, 4 blocks bus. cent.; sys., pump to res., res. cap., 500,000 gals.; mat. cem.; 2 pump. eng., cap. day 1,250,000 gals.; mains, c. i., 25 m., 4 to 12 in. dia.; 65 hyd.; 25 v.; met., 310; 325 serv.; pipe, c. i.; pres., dom. 60 to 80 lbs., f. 120 lbs.; cons. day, 100,000 gals.; cost, \$75,000; cost mtce., \$2,500; wks. owned by city.

LAKE CRYSTAL, p. 1,055; f. area, 160 a.; merc. bdgs., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al. elec.; val. equip., \$2,000; val. bdgs., \$500; exp. dept., \$100; tot. mem., 25 vol.

Water Supply—Src., well, in bus. cent.; stdp. cap., 50,000 gals.; pump. eng., cap. day 50,000 gals.; mains, c. i., 3,700 ft., 3 to 8 in. dia.; 9 hyd.; pres., dom. 60 lbs., f. 200 lbs.; cost, \$19,000; wks. owned by city.

LAKEFIELD, p. 924. F. dept.—1 h. & 1 trk., 1,000 ft. hose; f. al., wh.; 40 vol.

LAKEVILLE, p. 885. F. dept.—1 str., 1 h. & 1 trk., 600 ft. hose; f. al., bell; 30 vol.

LAMBERTON, p. 652; f. area, 320 a.; merc. bdgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al. bell; val. equip., \$1,500; val. bdgs., \$500; exp. dept., \$100; tot. mem., 36 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; stdp. cap., 2,100 bbls.; pump. eng., cap. day 3,840 bbls.; mains, c. i., ¾ m., 6 in.

dia.; 12 hyd.; pres., f. 75 lbs.; cost, \$11,000; cost mtce., \$800; wks. owned by village.

LANCASTER, p. 300; f. area, 40 a. F. dept.—2 c. eng., ladders, buckets; val. equip., \$1,800; val. bldgs., \$300; exp. dept., \$150; tot. mem., 21 vol. Water Supply—Src., well.

LANESBORO, p. 987; f. area, 40 a.; merc. bldgs., bk., priv., bk. & wd., 2 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$3,000; exp. dept., \$150; tot. mem., 32 vol.

Water Supply—Src., spr.; sys., pump to res.; stdp. cap., 80,000 gals.; mat. stn.; res. cap., 8,000 bbls., loc. 150 ft. above village; pump. eng., cap. day 350,000 gals.; mains, iron, 2½ m., 4 to 8 in. dia.; 13 hyd.; 4 v.; pres., dom. 95 lbs., f. 68 lbs.; cost, \$25,000; cost mtce., \$100; wks. owned by city.

LE ROY, p. 702; f. area, 410 a. F. dept.—2 hose carts; hose, 1,300 ft.; val. equip., \$1,000; val. bldgs., \$900; tot. mem., 22 vol.

Water Supply—Src., tower & tk., well; 1 pump, cap., 45,000 gals., 10 hours; 17 hyd.; 5 v.; 40 serv.; mains, 1¼ m.; pres., dom. 30 lbs., f. 40 lbs.; cost, \$8,000; cost mtce., \$300; wks. owned by city.

LE SUEUR, p. 1,755; f. area, 20 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., c. hand ex., 1 h. & l. trk., 2 hose reels, hose, cot., rub. lined, gd., 1,650 ft.; inf., 350 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$4,000; exp. dept., \$200; tot. mem., 34 vol.

Water Supply—Src., wells, 2½ blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 150,000 gals.; dim., 18 x 75, loc. on hill; mat., stl.; 1 pump. eng., class trip., cap. day 500,000 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 50 hyd.; 11 v.; met., 175; 300 serv.; pipe, galv. i.; pres., dom. 30 to 68 lbs., f. 70 lbs.; cons. day, 100,000 gals.; cost, \$32,000; cost mtce., \$2,000; wks. owned by city.

LE SUEUR CENTER, p. 741; f. area, 161 a. F. dept.—1 h. & l. trk., 2 hose carts; hose, 900 ft.; val. equip., \$800; val. bldgs., \$1,000; exp. dept., \$120; tot. mem., 20 vol.

Water Supply—Src., tk.; 1 pump, cap. day 20,000 gals.; 7 hyd.; mains, 3,000 ft.; pres., dom. 42 lbs., f. 42 lbs.; cost, \$6,000; wks. owned by city.

LESTER PRAIRIE, p. 420. F. dept.—1,000 ft. hose; f. al., bell; 40 vol.

LEWISTON, p. 478. F. dept.—1 h. & l. trk.; f. al., bell; 26 vol.

LINDSTROM, p. 522. F. dept.—1 h. & l. trk., 1,000 ft. hose; f. al., bell; 16 vol.

LISMORE, p. 268. F. dept.—1 str., 2 hose carts, 1,100 ft. hose; f. al., bell; 32 vol.

LITCHFIELD, p. 2,333; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,800 ft.; rub., gd., 750 ft.; inf., 500 ft.; tot. hose, 4,050 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$4,000; exp. dept., \$235; tot. mem., 50 vol.; undra. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 67,000 gals.; dim., 18 x 26; mat., wd.; 2 pump. eng., class dup., cap. day 150,000 gals.; mains, c. i., 3½ m., 4 to 8 in. dia.; 29 hyd.; 8 v.; met., 110; 180 serv.; pipe, galv. i.; pres., dom. 43 lbs., f. 100 lbs.; cons. day, 60,000 gals.; cost, \$30,000; cost mtce., \$2,500; wks. owned by city.

LITTLE FALLS, p. 6,078; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 c. eng., 6 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 3,500 ft.; rub., gd., 2,600 ft.; tot. hose, 6,100 ft.; f. al., bell & wh.; val. bldgs., \$15,000; tot. mem., 128, pd. full time 2, vol. 126.

Water Supply—Src., riv., in bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 2,250,000 gals.; mains, c. i., 10 m., 6 to 8 in. dia.; 66 hyd.; 30 v.; 294 serv.; pres., dom. 50 lbs., f. 100 lbs.; wks. owned by Co.

LONG PRAIRIE, p. 1,250. F. dept.—1 h. & l. trk., 2 hose carts, 1 c. eng.; f. al., telp.; hose, 1,500 ft.; tot. mem., 25 vol.

Water Supply—Src., wells; sys., grav., pump to res. & dir.; res. cap., 2,000 bbls.; pump. eng., cap. day 500,000 gals.; mains, 1½ m., 4 to 8 in. dia.; 19 hyd.; 28 serv.; pres., dom. 60 to 65 lbs., f. 100 lbs.; cost, \$11,000; cost mtce., \$600; wks. owned by village.

LONSDALE, p. 271. F. dept.—1 hose cart, 500 ft. hose; f. al., bell; vol.

LOWRY, p. 252; f. area, 10 a. F. dept.—1 str., 2 hose carts; hose, 1,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$200; tot. mem., 15 vol., pd. part time.

Water Supply—Src., cisterns & tk.; wks. owned by city.

LUCAN, p. 110; f. area, 6 a. F. dept.—1 gas. eng., 1 hose cart, 600 ft. hose, ladders; val. equip., \$4,000; val. bldgs., \$500; exp. dept., \$110; tot. mem., 23 vol.

Water Supply—Src., cistern; sys., dir. pres.

LUVERNE, p. 2,540; f. area, 640 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd. & stn., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 6 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; inf., 1,000 ft.; tot. hose, 2,700 ft.; f. al., bell & wh.; val. equip., \$7,000; val. bldgs., \$9,500; exp. dept., \$500; tot. mem., 49 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 128,000 gals.; 2 pump. eng., cap. day 150,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 35 hyd.; 14 v.; met., 250; 250 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 120 lbs.; cost, \$35,000; cost mtce., \$1,700; wks. owned by city.

LYLE, p. 552. F. dept.—1 h. & l. trk., 2 hose carts; hose, 1,100 ft.; tot. mem., 26 vol.

Water Supply—Mains, 2,200 ft.; cost, \$8,000; wks. owned by city.

MABEL, p. 549. F. dept.—1 c. hand ex., 1 aer. trk., 1 hose wag., 800 ft. hose; f. al., bell; val. equip., \$1,000; val. bldgs., \$300; vol.

MCINTOSH, p. 634; f. area, 40 a. F. dept.—1 str., 1 h. & l. trk., 1 c. eng., 2 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$3,000; val. bldgs., \$1,500; f. al., bell; tot. mem., 30 vol.

MADELIA, p. 1,278; f. area, 500 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh., 1 bx.; val. equip., \$1,000; exp. dept., \$150; tot. mem., 30, vol. 80.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump dir. to mains; stdp. cap., 69,000 gals.; dim., 18 x 28; 2 pump. eng., cap. day 180,000 gals.; mains, c. i., 2½ m., 4 to 8 in. dia.; 22 hyd.; met., 24; 80 serv.; pipe, c. i.; pres., dom. 43 lbs., f. 100 lbs.; cost, \$17,500; cost mtce., \$660; wks. owned by city.

MADISON, p. 1,811; f. area, 160 a.; merc. bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 2 c. eng., 1 h. & l. trk., 2 hose car., 3 c. ex.; hose, cot., rub. lined, gd., 1,850 ft.; f. al., bell; val. equip., \$5,500; val. bldgs., \$1,000; tot. mem., 24 vol.

Water Supply—Src., well; 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 1 pump. eng.; cap. day, 1,152,000 gals.; mains, c. i.; 5 m.; 4 to 8 in. dia.; 80 met.; pres. dom., 43 lbs.; f. 80 lbs.; cost, \$21,000; wks. owned by city.

MADISON LAKE, p. 335. F. dept.—1 eng., 300 ft. hose; f. al., bell; 20 vol.

MAHNOMEN, p. 796. F. dept.—2 hose carts; hose, 1,600 ft.; f. al., wh.; val. equip., \$1,200; val. bldgs., \$900; exp. dept., \$60; tot. mem., 24 vol.

Water Supply—Src., well; stdp. cap., 1,100 bbls.; mains, 750 ft., 6 in. dia.; 3 hyd.; 2 v.; pres., dom., 55 lbs.; cons. day, 200 gals.; cost, \$5,000; cost mtce., \$160; wks. owned by city.

MANCHESTER, p. 100. F. dept.—1 c. eng.; val. equip., \$400; val. bldgs., \$200; exp. dept., \$150.

Water Supply—Src., wells; sys., dir. pres.

MANKATO, p. 10,365; f. area, 35 a.; merc. bldgs., bk., 1 to 5 stor.; priv., bk. & wd., 1 to 3

stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 10 c. hand ex., 3 h. & 1 trk., 3 hose wag., 1 auto. comb. pump. eng., 7 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 1,000 ft.; tot. hose, 7,000 ft.; f. al., Gamewell, 20 bx.; val. equip., \$34,000; val. bldgs., \$25,000; exp. dept., \$8,813; tot. mem. 35, pd. full time 7, pd. part time 3, 75 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; aya., pump to res. & dir.; stdp. cap., 50,000 gals.; res. cap., 870,000 gals., loc. on hill; 3 pump. eng., cap. day 3,860,000 gals.; mains, iron, 19 m., 8 to 16 in. dia.; 182 hyd.; 188 v.; met., 1,406; 1,820 serv.; pipe, lead; pres., dom. 90 lbs., f. 90 lbs.; cons. day, 900,000 gals.; cost, \$203,750; cost mtce., \$18,806; wks. owned by city.

MAPLETON, p. 809; f. area, 150 a.; merc. bldgs., bk. & wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 500 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$400; exp. dept., \$100; tot. mem., 23 vol.

Water Supply—Src., well; aya., pump to stdp.; stdp. cap., 98,600 gals.; pump. eng., cap. day 8,600 bbls.; mains, c. l., 2 m., 6 to 10 in. dia.; 9 hyd.; 8 v.; 80 serv.; pres., dom. 48 lbs., f. 48 lbs.; cost, \$21,000; cost mtce., \$1,000; wks. owned by town.

MARIETTA, p. 338; f. area, 80 a. F. dept.—1 gasoline eng., 1 hose cart; hose, 1,500 ft.; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$100; tot. mem., 25 vol.

Water Supply—Src., storage tk.

MARINE MILLS, p. 491. F. dept.—1 hand eng., 1,000 ft. hose; f. al., bell; 20 vol.

MARSHALL, p. 2,152; f. area, 24 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 aer. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,350 ft.; f. al., tel.; val. equip., \$5,800; val. bldgs., \$4,000; tot. mem., 52 vol.; undra. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; aya., pump to res. & dir. to mains; res. cap., 110,000 gals.; 2 pump. eng., cap. day 1,684,000 gals.; mains, c. l., 195,000 ft., 6 to 12 in. dia.; 36 hyd.; met., 125; 125 serv.; pipe, lead; pres., dom. 40 lbs., f. 120 lbs.; cost, \$30,000; cost mtce., \$1,000; wks. owned by city.

MAYER, p. 161; f. area, 2 a. F. dept.—1 gas. eng., 1 h. & 1 trk., 1 hose cart; 2 c. hand ex.; hose, cot., rub. lined, gd., 1,350 ft.; f. al., bell; val. equip., \$2,600; val. bldgs., \$2,500; exp. dept., \$200; tot. mem., 30 vol.

MAYNARD, p. 386. F. dept.—1 c. eng., 2 c. hand ex., 2 hose wag., 1,200 ft. hose; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,500; tot. mem., 16 vol.

MAZEPPA, p. 471. F. dept.—Not reported.

Water Supply—Src., well; aya., grav.; mains, 1,600 ft.; 5 hyd.; pres., dom. 40 to 45 lbs., f. 90 lbs.

MELROSE, p. 2,591; f. area, 5 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 aer. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 250 ft.; tot. hose, 1,750 ft.; f. al., bell; val. equip., \$3,000; exp. dept., \$650; tot. mem. 31, pd. part time.

Water Supply—Src., mill pond; 300 ft., bus. cent.; aya., grav. & dir.; stdp. cap., 75,000 gals.; dim., 20 x 25; mat. stl.; 2 pump. eng.; cap. day, 1,000,000 gals.; mains, c. l., $2\frac{1}{2}$ m., 4 to 10 in. dia.; 25 hyd.; 8 v.; 40 met.; pipe, galv. i.; pres., dom. 60 lbs., f. 150 lbs.; cons. day, 250,000 gals.; cost, \$51,000; cost mtce., \$125; wks. owned by city.

MENAGHA, p. 346. F. dept.—1 c. eng., 1,600 ft. hose; f. al., bell; 80 vol.

MILACA, p. 1,102; f. area, 640 a.; merc. bldgs., bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose wag.; hose, cot., rub. lined, gd., 1,300 ft.; inf., 500 ft.; tot. hose, 1,800 ft.; f. al., wh., 1 bx.; tot. mem., 30 vol.; undra. rating, first class.

Water Supply—Src., running riv., $\frac{1}{4}$ m. bus.

cent.; aya., dir. pres.; 2 pump. eng., cap. day 60,000 gals.; mains, 5 blocks; hyd., 5; pres., f. 80 lbs., dom. 55 lbs.; cost, \$60,000; cost mtce., \$3,500; wks. owned by village.

MILAN, p. 468. F. dept.—600 ft. hose; f. al., bell; 25 vol.

MINNEAPOLIS, p. 301,408; f. area, 56 sq. m.; merc. bldgs., conc. stn., bk. & wd., 1 to 12 stor.; priv., conc. stn., bk. & wd., 1 to 4 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—22 str., (2 in reserve), 1 gasoline tri-comb. pump. h. & c., 1 auto. squad wag., 5 auto. comb. c. & h. wag., 13 comb. c. & h. wag., 18 hose wag., 11 hose car., 4 aer. h. & 1 trk., 7 h. & 1 trk., 1 water tower, 52 c. hand ex., 199 hrs. (9 in reserve); hose, cot., rub. lined, 64,375 ft.; f. al., Gamewell, 386 bx.; Star, 35 bx.; tot., 411 bx.; val. equip., \$578,933; val. bldgs. & grounds, \$535,711; exp. dept., \$536,067; tot. mem. 406, pd. full time; undra. rating, first class.

Water Supply—Src., riv., 6 m. bus. cent.; aya., pump dir. & res., 2 stdp.; stdp. No 1., cap. 250,000 gals.; stdp. No 2., cap. 150,000 gals.; dim., No 1., 22.7 x 50; No 2., 26 x 68; mat., bk., conc. & iron; res. cap., 96,000 gals.; 9 pump. eng., class comp. dup., cap. day, 94,000,000 gals.; mains, c. l. & stl., 520 m., 6 to 54 in. dia.; 5,200 hyd.; 4,506 v.; met., 44,442; 52,000 serv.; pipe c. l. & stl.; pres., dom. & f. 75 lbs.; cons. day, 30,000,000 gals.; cost, \$6,520,000; cost mtce., \$203,051; wks. owned by city.

MINNEOTA, p. 819; f. area, 10 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 c. eng., 12 c. hand ex., 1 h. & 1 trk., 2 hose reels, hooks, ladders & buckets; hose, cot., rub. lined, gd., 1,100 ft.; rub. gd., 100 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$2,085; val. bldgs., \$7,000; tot. mem., 40 vol.

Water Supply—Src., wells, 500 ft. bus. cent.; aya., pump to stdp. & dir.; stdp. cap., 61,000 gals.; dim., 20 x 24; 1 pump. eng., cap. day 40,800 gals.; mains, iron, 9,653 ft., 6 to 8 in. dia.; 19 hyd.; 9 v.; met., 20; 32 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 150 lbs.; cons. day, 10,000 gals.; cost, \$13,000; cost mtce., \$1,000; wks. owned by city.

MINNESOTA LAKE, p. 445. F. dept.—1 h. & 1 trk., 1,200 ft. hose; f. al., bell; 15 vol.

MONTEVIDEO, p. 3,056; f. area, 15 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—3 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, rub., gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$17,000; tot. mem., 44 vol.; undra. rating, second class.

Water Supply—Src., spr., 2 m. bus. cent.; aya., grav., pump to res. & stdp.; res. cap., 100,000 gals.; mat., cem.; stdp. cap., 100,000 gals.; mat., stl.; 2 pump. eng.; class trip., cap. day, 788,000 gals.; mains, c. l., $7\frac{1}{2}$ m., 4 to 10 in. dia.; 92 hyd.; 13 v.; met., 400; 145 serv.; pipe, galv. i.; pres., dom. 30 lbs., f. 70 to 75 lbs.; cons. day, 100,000 gals.; cost, \$75,000; wks. owned by city.

MONTGOMERY, p. 1,267; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. not inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 750 ft.; rub. gd., 300 ft.; tot. hose, 1,050 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$6,000; exp. dept., \$180; tot. mem. 30, pd. full time.

Water Supply—Src., well, in bus. cent.; aya., pump to res. & dir.; stdp. cap., 47,250 gals.; res. cap., 45,000 gals.; pump. eng., cap. day 125,000 gals.; mains, c. l., $1\frac{1}{2}$ m., 4 to 8 in. dia.; 16 hyd.; met., 1; 31 serv.; pres., dom. 38 lbs., f. 88 lbs.; cons. day, 20,000 gals.; cost, \$35,000; cost mtce., \$579; wks. owned by city.

MONTICELLO, p. 858; f. area, 100 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$750; tot. mem., 36 vol.; undra. rating, fourth class.

Water Supply—Src., wells; aya., pump dir.;

stdp. cap., 500 bbls.; met., 40; pres., dom. 50 lbs., f. 65 lbs.; cost, \$10,000; wks. owned by town.

MOORHEAD, p. 4,840; f. area, 1,500 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—5 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 1,500 ft.; tot. hose, 5,500 ft.; f. al., elec., 16 bx.; val. equip., \$8,500; val. bldgs., \$2,500; exp. dept., \$4,500; tot. mem. 24, pd. full time 2, pd. part time 22; undra. rating, third class.

Water Supply—Src., wells & river, 1 m. bus. cent.; sys., pump dir.; pump. eng., cap. day, 2,000,000 gals.; mains, c. i., 11 m., 4 to 12 in. dia.; 184 hyd.; 81 v.; met., 468; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 427,000 gals.; cost, \$70,000; cost mtce., \$8,795; wks. owned by city.

MORA, p. 892. F. dept.—1 hose cart, 600 ft. hose; vol.

MORGAN, p. 558; f. area, 30 a.; bldgs., wd., 1½ to 2 stor.; wd. ris. perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 150 f. ex., 1 h. & l. trk. with equip., 2 hose car.; hose, cot., gd., 1,400 ft.; inf., 200 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$100; tot. mem., 15 vol.; undra. rating, third class.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; 1 pump. eng.; mains, c. i., 1½ m.; 4 to 8 in. dia.; 20 hyd.; pres., dom. 40 lbs., f. 50 lbs.; cost, \$16,000; wks. owned by city.

MORRIS, p. 1,685; f. area, 800 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. ris. perm.; no fwks. & combt. ord. F. dept.—2 c. hand ex., 1 str., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 800 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$3,500; exp. dept., \$600; tot. mem., 25 vol.; undra. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res.; res. cap., 80,000 gals.; 2 pump. eng., cap. day 600,000 gals.; mains, c. i., 6½ m., 4 to 10 in. dia.; 48 hyd.; met., 20; 275 serv.; pipe, iron; pres., dom. 50 lbs., f. 90 lbs.; cost, \$40,000; cost mtce., \$1,800; wks. owned by city.

MORTON, p. 761; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. ris. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hand eng., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,000; tot. mem., 40 vol.

Water Supply—Src., spr.; sys., pump to res.; pump. eng., cap. hour 1,000 gals.; mains, c. i., 1½ m., 6 in. dia.; pres., f. 60 lbs.; cost, \$9,000; wks. owned by village.

MOUNTAIN LAKE, p. 1,081; f. area, 640 a. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$200; 24 vol.

NASHWAUK, p. 2,080; f. area, 120 a. F. dept.—1 c. hand ex., 1 c. eng., 2 aer. trk.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 700 ft.; tot. hose, 2,200 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$4,000; tot. mem., 25 vol.

Water Supply—Src., 2 wells, 1 block bus. cent.; sys., grav.; stdp. cap., 60,000 gals.; res. cap., 150,000 gals.; 3 pump. eng., cap. day 1,666,000 gals.; mains, c. i., 2½ m., 4 to 8 in. dia.; 27 hyd.; 32 v.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 100,000 gals.; wks. owned by city.

NEW GERMANY, p. 210. F. dept.—1 str., 500 ft. hose; f. al., bell; 16 vol.

NEW LONDON, p. 418. F. dept.—1 str., 1,000 ft. hose; f. al., bell; 22 vol.

NEW PRAQUE, p. 1,554; f. area, 34 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 100 ft.; tot. hose, 1,700 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$2,500; exp. dept., \$200; tot. mem., 40 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump dir. & to stdp.; stdp. cap., 65,000

gals.; pump. eng., cap. day 125,000 gals.; mains, c. i., 5 m., 6 to 10 in. dia.; 30 hyd.; 8 v.; 118 met.; 115 serv.; pipe, lead & iron; pres., dom. 40 lbs., f. 70 lbs.; cons. day, 35,000 gals.; cost, \$26,000; cost mtce., \$500; wks. owned by city.

NEW RICHLAND, p. 685; f. area, 180 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 400 ft.; tot. hose, 1,600 ft.; f. al., bell wh. & elec.; val. equip., \$20,000; val. bldgs., \$4,000; tot. mem., 35, pd. part time 1, vol. 84.

Water Supply—Src., well, 800 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 65,000 gals.; dim. 20 x 24, mat. stl.; 1 pump. eng., cap. day 90,000 gals.; mains, c. i., 2 1-5 m., 4 to 8 in. dia.; 18 hyd.; 10 v.; met., 1; 70 serv.; pipe, galv. l.; pres., dom. 45 to 50 lbs., f. 45 to 50 lbs.; cons. day, 9,000 gals.; cost, \$14,872; cost mtce., \$220; wks. owned by city.

NEW ULM, p. 5,648; f. area, 4,500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk., 1½ & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 3 aer. trk., 2 hose wag., 1 hose reel, 10 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub. fair, 500 ft.; tot. hose, 3,000 ft.; f. al., Gamewell, 23 bx., wh. & bell; val. equip., \$12,500; val. bldgs., \$3,000; exp. dept., \$3,000; tot. mem., 48 vol.

Water Supply—Src., wells, 1-6 m. bus. cent.; sys., pump. to res. & stdp.; res. cap., 1,000,000 gals.; stdp. cap., 26,000 gals.; dim., 11 x 36; mat., bk. & iron; 5 pump. eng.; mains, iron, 10.86 m., 6 to 14 in. dia.; 108 hyd.; 105 v.; met., 510; 510 serv.; pipe, lead; pres., dom. 45 to 80 lbs., f. 120 lbs.; cons. day, 73,876 gals.; cost, \$89,060; wks. owned by city.

NEW YORK MILLS, p. 474; f. area, 160 a. F. dept.—1 c. eng., 2 c. hand ex., 2 hose reels, 1 h. & l. trk., 1 gas. eng.; hose, cot., rub. lined, gd., 900 ft.; inf., 1,000 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,600; exp. dept., \$150; tot. mem., 25 vol.

NICOLLET, p. 388. F. dept.—950 ft. hose; 22 vol.

NORTH BRANCH, p. 642; bldgs., wd. F. dept.—1 str., 1 h. & l. trk., 2 hose car.; hose, 1,800 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., cisterns; sys., pump; cap. res., 800 bbls.

NORTH ST. PAUL, p. 1,404; f. area, 200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1½ stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,900 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$140; tot. mem., 12, pd. part time.

Water Supply—Src., lake & wells; sys., pump to res.; res. cap., 56,000 gals.; pump. eng., cap. day 1,100,000 gals.; mains, 8 m., 6 to 10 in. dia.; 20 hyd.; met., 4; pres., dom. 25 lbs., f. 60 to 80 lbs.; cons. day 10,000 gals.; cost, \$80,000; cost mtce., \$1,000; wks. owned by town.

NORTHFIELD, p. 3,265; f. area, 600 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 2 hose wag., 2 hose car., 6 hrs.; hose, rub. gd., 1,500 ft.; inf., 700 ft.; tot. hose, 2,200 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$6,000; exp. dept., \$1,000; tot. mem., 18, pd. part time 1, vol. 17.

Water Supply—Src., well, 4 blocks bus. cent.; sys., pump to stdp. & res.; stdp. cap., 240,000 gals., dim. 35 x 35, mat. stl.; 2 pump. eng., class comp., dup. & trip; cap. day, 1,720,000 gals.; mains, c. i., 9 m., 4 to 12 in. dia.; 91 hyd.; met., 480; 488 serv.; pipe, lead; pres., dom. 75 to 90 lbs., f. 75 to 90 lbs.; cons. day, 200,000 gals.; cost, \$55,000; cost mtce., \$2,600; wks. owned by city.

NORTHOME, p. 206. F. dept.—1,500 ft. hose; bell al.; 15 vol.

OLIVIA, p. 960; f. area, 160 a.; merc. bldgs., bk. & wd., 1½ to 3 stor.; priv., wd., 1½ stor.; wd. ris. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 2 hose carts; hose, cot.,

rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$2,000; tot. mem., 30 vol.; undrs. rating, third class.

Water Supply—Src., well, 1-3 m. bus. cent.; sys., pump dir. to mains; stdp. cap., 75,000 gals.; dim. 20 x 26, mat. wd. & stl.; res. cap., 75,000 gals.; 1 pump. eng., class dup., cap. day 5,000 gals.; mains, c. i., 3 m., 4 to 8 in. dia.; 17 hyd.; 10' v.; met., 25; 23 serv.; pipe, galv. i.; pres., dom. 50 lbs.; f. 100 lbs.; cons. day, 5,000 gals.; cost, \$8,000; cost mtce., \$250; wks. owned by village.

ORTONVILLE, p. 1,774; f. area, 160 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 1,000 ft.; tot. hose, 2,800 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$1,200; tot. mem., 42 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 100,000 gals.; 1 pump. eng.; mains, 1½ m.; 19 hyd.; 125 serv.; pres., dom. 70 lbs.; f. 90 lbs.; cons. day, 45,000 gals.; cost, \$24,000; cost mtce., \$3,500; wks. owned by city.

OSAKIS, p. 1,018; f. area, 15 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 3 c. hand ex., 6 hand pumps, 1 supply wag., 3 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., wh., bell & elec. val. equip., \$3,200; val. bldgs., \$200; exp. dept., \$560; tot. mem., 135 vol.

Water Supply—Src., lake, wells; sys., pump to stdp.; stdp. cap., 100,000 gals.; pump. eng., class dup.; 8 hyd.; pres., f. 160 lbs.; cost, \$12,000; cost mtce., \$400; wks. owned by city.

OWATONNA, p. 5,685; f. area, 140 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area. F. dept.—1 h. & 1 trk., 1 comb. c. & h. wag., 3 hose car.; tot. hose, 2,600 ft.; f. al., Gamewell, 18 bx.; val. equip., \$10,000; val. bldgs., \$4,500; exp. dept., \$2,500; tot. mem., 20, pd. full time 1, pd. part time 6, 18 vol.

Water Supply—Src., well, ½ m. bus. cent.; sys., pump dir. to mains; stdp. cap., 132,000 gals.; dim., 16 x 100; mat., boiler i.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 13 m., 4 to 10 in. dia.; 113 hyd.; 84 v.; met., 65; 950 serv.; pipe, galv. i.; pres., dom. 65 lbs.; f. 75 lbs.; cons. day, 410,000 gals.; cost, \$90,000; cost mtce., \$5,231; wks. owned by city.

PARK RAPIDS, p. 1,801; f. area, 4 blocks; merc. bldgs., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 hose car., 1 h. & 1 trk.; hose, rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$2,000; exp. dept., \$350; 30 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., dir. pres.; 1 pump. eng., cap. day 150,000 gals.; mains, c. i., 6 blocks, 4 to 6 in. dia.; 5 hyd.; 4 v.; pipe, galv. i.; pres., dom. 40 lbs.; f. 150 lbs.; cost, \$10,000; cost mtce., \$1,000; wks. owned by village.

PARKER'S PRAIRIE, p. 383; f. area, 320 a. F. dept.—1 c. eng., c. hand ex., 2 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$300.

PAYNESVILLE, p. 1,200; f. area, 200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 c. hand ex., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$200; exp. dept., \$26; tot. mem., 40 vol.

Water Supply—Src., wells, 300 ft. bus. cent.; sys., pump to stdp. & mains; stdp. cap., 1,000 bbls.; dim., 16 x 20; pump. eng., cap. day 2,000 bbls.; mains, c. i., ¾ m., 6 to 8 in. dia.; 12 hyd.; 4 v.; 49 met.; 49 serv.; pipe, galv. i.; pres., dom. 42 lbs.; f. 100 lbs.; cons. day, 6,000 gals.; cost, \$10,000; cost mtce., \$2,200; wks. owned by city.

PELICAN RAPIDS, p. 1,019; merc. bldgs., bk. & wd.; wd. rfs. perm. F. dept.—1 str., 1 c. eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; tot. mem., 85 vol.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 500 bbls.

PEQUOT, p. 260. F. dept.—1 c. hand ex., 1 str., 2 hose wag., 1,500 ft. hose; f. al., telp.; val. equip., \$2,000; val. bldgs., \$600; exp. dept., \$120; tot. mem., 10 vol.

PERHAM, p. 1,376; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 1 aer. trk., 2 hose car.; hose, rub., gd., 3,000 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$4,000; exp. dept., \$400; tot. mem., 32 vol.

Water Supply—Src., well; sys., pump dir.; pump. eng., cap. day 360,000 gals.; mains, 1 m., 6 in. dia.; 8 hyd.; pres., f. 90 lbs.; cost, \$5,000; cost mtce., \$800; wks. owned by city.

PIERZ, p. 545. F. dept.—1 h. & 1 trk., 600 ft. hose; 31 vol.

PINE CITY, p. 1,258. F. dept.—1 str., 1 h. & 1 trk., 2,000 ft. hose; 30 vol.

PINE ISLAND, p. 834. F. dept.—1 h. & 1 trk., 1,000 ft. hose; bell & wh. al.; 85 vol.

PINE RIVER, p. 329. F. dept.—1 str., 600 ft. hose; bell al.; 30 vol.

PIESTONE, p. 2,475; f. area, 64 a.; merc. bldgs., stn., bk., cem. & wd., 1 to 5 stor.; priv., stn., bk., cem. & wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., lined, gd., 1,500 ft.; f. al., telp. & wh.; val. equip., \$3,333; val. bldgs., \$4,000; exp. dept., \$450; tot. mem., 60, pd. part time 5, vol. 55; undrs. rating, second class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 98,000 gals.; dim., 12 x 100, loc. 3 blocks post office; mat., stl.; res. cap., 175,000 gals., loc. two blocks post office; 1 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 6 m., 4 to 8 in. dia.; 51 hyd.; 44 v.; met., 462; 462 serv.; pipe, galv. i.; pres., dom. 40 to 42 lbs.; f. 65 to 150 lbs.; cons. day, 60,000 gals.; cost, \$60,000; cost mtce., \$4,500; wks. owned by city.

PLAINVIEW, p. 1,176; f. area, 1,280 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$1,390; val. bldgs., \$15,000; exp. dept., \$200; tot. mem., 31 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to res.; res. cap., 63,000 gals.; pump. eng., cap. day 280,000 gals.; mains, 5 1-6 m., 4 to 8 in. dia.; 172 hyd.; met., 72; 172 serv.; pipe, galv. i.; pres., dom. 38 to 42 lbs.; f. 38 to 42 lbs.; cost, \$21,000; cost mtce., \$1,200; wks. owned by village.

PLATO, p. 238; f. area, 40 a. F. dept.—1 c. eng., h. & l., 1 hose cart; val. equip., \$2,600; val. bldgs., \$1,000; exp. dept., \$2,500; tot. mem., 20 vol.

Water Supply—Src., 8 cisterns of 200 bbls. each.

PLUMMER, p. 250; f. area, 600 a. F. dept.—1 c. eng. & buckets; f. al., bell; val. equip., \$700; val. bldgs., \$2,000; tot. mem., 16 vol.

Water Supply—Not reported.

PORTER, p. 300; f. area, 40 a. F. dept.—1 c. eng., 1 hand eng.; val. equip., \$1,204; val. bldgs., \$200; exp. dept., \$50; tot. mem., 16 vol.

Water Supply—Src., wells; sys., pump dir.

PRESTON, p. 1,198; f. area, 160 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, rub., gd., 1,200 ft.; inf., 200 ft.; tot. hose, 1,400 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,400; exp. dept., \$75; tot. mem., 16 vol.

Water Supply—Src., spr.; sys., grav. to res.; res. cap., 190,000 gals.; pump. eng., cap. day 750,000 gals.; mains, 3½ m., 4 to 3 in. dia.; 31 hyd.; 155 serv.; pres., dom. 65 to 95 lbs.; f. 65 to 95 lbs.; cost, \$24,000; wks. owned by village.

PRINCETON, p. 1,555; f. area, 320 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$4,500; val. bldgs., \$3,000; tot. mem., 30 vol.

Water Supply—Src., well in bus. cent.; sys., pump to stdp.; stdp. cap., 76,000 gals.; pump.

eng., cap. day, 403,000 gals.; mains, 1½ m., 4 to 8 in. dia.; 16 hyd.; 6 v.; 93 met.; 93 serv.; pipe, c. i.; pres., dom. 45 lbs.; f. 100 lbs.; cons. day, 60,000 gals.; cost, \$21,500; cost mtce., \$575; wks. owned by city.

RANDALL, p. 400. F. dept.—1 c. eng., 1 hand eng., 1 hose cart, 700 ft. hose; f. al., bell; vol. Water Supply—Src., riv.

RAYMOND, p. 334. F. dept.—1 str., 1,000 ft. hose; 18 vol.

RED LAKE FALLS, p. 1,757; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 5 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$150; tot. mem., 35 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap. 75,000 gals.; dim., 35 x 15; mat. stl.; 1 pump. eng.; cap. day, 252,000 gals.; mains, c. i., 3 m.; 6 to 8 in. dia.; 16 hyd.; 16 v.; 25 serv.; pipe, iron; pres., dom. & f. 60 lbs.; cons. day 8,000 gals.; cost, \$26,000; cost mtce., \$480; wks. owned by city.

RED WING, p. 9,048; f. area, 4,480 a.; merc. bldgs., bk., 1 to 4 stor.; wd. rfs. not perm. F. dept.—2 str., 1 comb. hose & h. & l. wag., 1 h. & l. trk., 2 hose wag., 9 hrs.; hose, cot., rub. lined, gd., 7,800 ft.; rub. gd., 300 ft.; tot. hose, 8,100 ft.; f. al., Gamewell, 32 bx.; val. equip., \$23,521; val. bldgs., \$40,400; exp. dept., \$10,195; tot. mem., 39, pd. full time 9, pd. part time 30; undrs. rating, third class.

Water Supply—Src., riv., 1-3 m. bus. cent.; sys., pump to res.; stdp. dim., 27 x 80; res. cap., 1-000,000 gals.; 3 pump. eng., class vert. comp., cap. day 3,000,000 gals.; mains, c. i., 12 m., 4 to 14 in. dia.; 126 hyd.; 126 v.; met., 479; 772 serv.; pipe, galv. i.; pres., f. 110 lbs.; cost, \$130,000; cost mtce., \$5,800; wks. owned by city.

REDWOOD FALLS, p. 1,666; f. area, 10 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$200; val. bldgs., \$150; exp. dept., \$225; tot. mem., 30 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; mat. stl.; 2 pump. eng., class hor. dup., cap. day 1,500,000 gals.; mains, c. i., 20 m., 4 to 10 in. dia.; 48 hyd.; 20 v.; met., 280; 280 serv.; pipe, lead, iron; pres., dom. 50 lbs., f. 125 lbs.; cons. day, 260,000 gals.; cost, \$40,000; cost mtce., \$1,500; wks. owned by city.

RENVILLE, p. 1,182; merc. bldgs., bk. & wd., 2 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 850 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$1,000; tot. mem., 24 vol.; undrs. rating, third class.

Water Supply—Src., well, 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 20,000 bbls.; mat., wd.; res. cap., 300,000 gals.; pump. eng., cap. day 32,000 gals.; mains, c. i., 2 m., 4 to 8 in. dia.; 25 hyd.; 30 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 150 lbs.; cons. day, 90,000 gals.; cost, \$19,000; wks. owned by city.

REVERE, p. 134. F. dept.—1 str., 1,200 ft. hose; bell al.; 21 vol.

RICE, p. 300; f. area, 10 a. F. dept.—2 c. eng.; val. equip., \$800; exp. dept., \$25; tot. mem., 16 vol.

Water Supply—Not reported.

RICHMOND, p. 563; f. area, 160 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; int., 250 ft.; tot. hose, 1,750 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,600; tot. mem., 31 vol.

Water Supply—Not reported.

RICHVILLE, p. 255. F. dept.—1 str., 1,200 ft. hose; bell al.; 15 vol.

ROBBINSDALE, p. 1,000; f. area, 2 sq. m. F. dept.—2 c. eng., 1 h. & l. trk.; val. equip., \$3,000; tot. mem., 37 vol.

No waterworks.

ROCHESTER, p. 7,844; f. area, 1,000 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 & 2 stor.;

wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 auto. triple comb. pump & c. eng., 1 h. & l. trk., 2 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 19 bx.; val. equip., \$14,000; val. bldgs., \$13,750; exp. dept., \$4,000; tot. mem., 27, pd. full time 4, pd. part time 23.

Water Supply—Src., wells, creek, in bus. cent.; sys., dir.; grav. & pump to stdp.; stdp. cap., 240,000 gals.; mat. stl.; 3 pump. eng., cap. day 2,500,000 gals.; mains, c. i., 15 m., 4 to 14 in. dia.; 210 hyd.; 6 v.; met., 1,000; 1,400 serv.; pipe, galv. i.; pres., dom. 85 lbs., f. 100 lbs.; cons. day, 500,000 gals.; cost, \$200,000; cost mtce., \$12,000; wks. owned by priv. Co.

ROLLING STONE, p. 205. F. dept.—1 h. & l. trk., 450 ft. hose; 15 vol.

ROSEAN, p. 644; f. area, 200 a. F. dept.—1 str., h. & l., 2 hose carts; hose, 1,500 ft.; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$400; tot. mem., 25 vol.

Water Supply—Src., riv., 1 pump, cap. day 60,000 gals.; pres., dom. 150 lbs.; wks. owned by city.

ROSE CREEK, p. 202. F. dept.—800 ft. hose; wh. & telp. al.; 14 vol.

ROSEMOUNT, p. 238; f. area, 23 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 c. eng., 10 c. hand ex., 400 ft. hose; f. al., bell; val. equip., \$800; tot. mem., 16 vol.

Water Supply—Src., wells & cisterns.

ROUND LAKE, p. 237. F. dept.—600 ft. hose; 20 vol.

ROYALTON, p. 676; f. area, 800 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 4 c. hand ex., 1 aer. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$750; exp. dept., \$500; tot. mem., 40 vol.; undrs. rating, third class.

Water Supply—Src., well, riv. & cistern; 1 hyd.

RUSH CITY, p. 964; f. area, 160 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; rub. gd., 300 ft.; int., 100 ft.; tot. hose, 2,100 ft.; f. al., wh.; val. equip., \$2,800; val. bldgs., \$350; exp. dept., \$75; tot. mem., 25 vol.

Water Supply—Src., creek; sys., pump to stdp.; pump. eng., cap. day 16,000 gals.; mains, iron, ¼ m., 6 in. dia.; 3 hyd.; cost mtce., \$120.

RUSHFORD, p. 1,011; f. area, 360 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & telp.; val. equip., \$19,000; val. bldgs., \$3,000; exp. dept., \$700; tot. mem., 48 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 66,000 bbls.; pump. eng., cap. day 360,000 gals.; mains, iron, 2½ m., 4 to 8 in. dia.; 24 hyd.; 35 serv.; pipe, galv. i.; pres., f. 65 to 72 lbs.; cost, \$15,000; cost mtce., \$200; wks. owned by city.

ST. BOINFACUS, p. 300. F. dept.—1 c. eng., 1 gas. eng., 1 h. & l. trk., 1 hose cart; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$25; tot. mem., 40 vol.

Water Supply—Src., cisterns.

ST. CHARLES, p. 1,159; f. area, 300 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; int., 300 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$2,100; val. bldgs., \$300; exp. dept., \$78; tot. mem., 28 vol.

Water Supply—Src., well, 1,000 ft. bus. cent.; sys., pump to res. & mains; stdp. cap., 245,000 gals.; res. cap., 120,000 gals.; 1 pump. eng., cap. day 150,000 gals.; mains, c. i., 3 m., 2 to 10 in. dia.; 28 hyd.; 8 v.; met., 50; 180 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 100,000 gals.; cost, \$18,000; cost mtce., \$750; wks. owned by city.

ST. CLOUD, p. 10,600; f. area, 3,840 a.; priv., wd., stn. & bk., 1½ & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. &

L. trk., 1 supply wag., 1 hose cart., 2 hrs.; hose, cot., rub. lined, 500 ft.; rub., gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 8,500 ft.; f. al., Gamewell, 18 bx.; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$8,000; tot. mem. 21, pd. full time 4, pd. part time 18; undrs. rating, first class.

Water Supply—Src., riv.; ays., pump to stdp. & dir.; stdp. cap., 867,000 gals.; mat., stl.; 8 pump. eng., cap. day 3,500,000 gals.; mains, 20 m., 4 to 14 in. dia.; 176 hyd.; 62 v.; met., 500; 500 serv.; pres., dom. 65 lbs., f. 130 lbs.; cons. day, 750,000 gals.; cost, \$160,000; cost mtce., \$10,000; wks. owned by city.

ST. HILAIRE, p. 468. F. dept.—1 hand eng., 500 ft. hose; bell al.; 35 vol.

ST. JAMES, p. 2,102; f. area, 600 a.; merc. bldgs., bk. & bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al. bell & wh.; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$500; tot. mem., 40 vol.

Water Supply—Src., wells; ays., pump to stdp. & dir.; stdp. cap., 200,000 gals.; 2 pump. eng.; mains, c. i., 2½ m., 4 to 12 in. dia.; 42 hyd.; 6 v.; met., 10; 100 serv.; pres., dom. 40 lbs., f. 120 lbs.; cost, \$25,000; wks. owned by city.

ST. PAUL, p. 214,744; f. area, 54 sq. m.; merc. bldgs., bk. & stn., 2 to 15 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str. with hose, 20 str. (1 in reserve), 1 comb. c. & h. wag., 1 auto. comb. c. & h. wag. (1 c. eng. in reserve), 89 c. hand ex., 6 h. & l. trk., 4 aer. trk., 1 water tower, 19 hose wag. (2 in reserve), 1 hose reel (1 in reserve), 2 auto. squad wag., 9 chief's auto., 22 fuel & exercise wag., 136 hrs. (14 in reserve); hose, cot., rub. lined, gd., 50,400 ft. (3,300 ft. in reserve); f. al., Gamewell, 242 bx.; val. equip., \$275,000; val. bldgs., \$415,000; exp. dept., \$400,000; tot. mem., 322, pd. full time; undrs. rating, first class.

Water Supply—Src., wells & lakes, 25 m. bus. cent.; ays., grav. & pump to res.; mat., clay & conc.; res. cap., 18,000,000 gals., loc. 3 m. city; 11 pump. eng., class comp. cond. triple exp., trip. air & centrif. cap. day 60,000,000 gals.; mains, c. i., 382½ m., 4 to 36 in. dia.; 3,427 hyd.; 3,142 v.; met., 29,231; 86,200 serv.; pipe, lead & iron; pres., dom. & f., 10 to 100 lbs.; cons. day, 13,132; 650 gals.; cost, \$5,744,068; cost mtce., \$109,766; wks. owned by city.

ST. PETER, p. 4,176; merc. bldgs., wd., stn. & bk., 2 & 3 stor.; priv., wd., bk. & stn., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—12 c. hand ex., 1 h. & l. trk., 3 hose cart.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 500 ft.; inf., 200 ft.; tot. hose, 2,700 ft.; f. al. bell; val. equip., \$3,600; val. bldgs., \$5,000; exp. dept., \$700; tot. mem., 36 vol.; undrs. rating, third class.

Water Supply—Src., well, 1 block bus. cent.; ays., pump to stdp.; stdp. cap., 150,000 gals.; mat., stl.; 2 pump. eng., cap. day 850,000 gals.; mains, c. i., 6½ m., 4 to 12 in. dia.; 48 hyd.; 25 v.; met., 250; 250 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 100 to 125 lbs.; cons. day, 60,000 gals.; cost, \$48,000; wks. owned by city.

SANBORN, p. 462. F. dept.—1 str., 1 h. & l. trk., 1,800 ft. hose; bell al.; 24 vol.

SANDSTONE, p. 1,818; f. area, 100 a.; bldgs., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose cart.; hose, cot., rub. lined, gd., 1,500 ft.; f. al. bell; val. equip., \$2,500; tot. mem., 25 vol.

Water Supply—Src., spr., ¼ m. bus. cent.; ays., grav., stdp., cap., 60,000 gals.; dim. 24 x 22; mat. wd., res. cap., 125,000 gals.; 2 pump. eng., cap. day, 6,000,000 gals.; mains, iron, 4 m., 6 to 8 in. dia.; 36 v.; 5 met.; 29 hyd.; 248 serv.; pres., dom. 50 lbs., f. 80 to 125 lbs.; cost, \$40,000; cost mtce., \$900; wks. owned by Co.

SAUK CENTRE, p. 2,154; f. area, 320 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al. bell & telp., val. equip., \$8,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 58 vol.

Water Supply—Src., lake, 2½ blocks bus. cent.; ays., pump dir. to mains; res. cap., 1,400,000 gals.; 2 pump. eng., cap. day 1,400,000 gals.; mains, c. i., 4½ m., 4 in. dia.; 44 hyd.; 22 v.; met., 1; 175 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 80 to 125 lbs.; cost, \$22,000; cost mtce., \$2,400; wks. owned by city.

SAUK RAPIDS, p. 1,745; f. area, 500 a.; bldgs., bk. & wd.; wd. rfs. perm. F. dept.—1 gasoline eng., 1 h. & l. trk., 2 hose carts, 3 c. ex.; hose, cot., rub. lined, gd., 1,000 ft.; f. al. bell; exp. dept., \$25; tot. mem., 20 vol.; undrs. rating, third class.

Water Supply—Src., wells & cisterna.

SEAFORTH, p. 572. F. dept.—1 str., 1,000 ft. hose; 16 vol.

SEBEKA, p. 423. F. dept.—1 str., 500 ft. hose; 15 vol.

SHAKOPEE, p. 2,802; f. area, 15 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose cart.; hose, cot., rub. lined, gd., 2,500 ft.; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$200; tot. mem., 50 vol.

Water Supply—Src., riv., 1 block bus. cent.; ays., pump dir. to mains; 1 pump. eng., cap. day 1,000,000 gals.; mains, 3,000 ft., 3 in. dia.; wks. owned by city.

SHEBURN, p. 814. F. dept.—1 h. & l. trk., 1,300 ft. hose; bell al.; 25 vol.

SILVER LAKE, p. 382. F. dept.—1 h. & l. trk., 1,000 ft. hose; bell al.; 20 vol.

SITEKA, p. 550. F. dept.—1 gasoline eng., hose cart & ladder; hose, 600 ft.; val. equip., \$1,200; val. bldgs., \$1,000; tot. mem., 20 vol.

Water Supply—Src., riv., R. R. tk. & 3 large city wells.

SLAYTON, p. 850. F. dept.—1 h. & l. trk., 1 c. eng., 2 hose carts; hose, 1,200 ft.; tot. mem., 25 vol.

Water Supply—Src., wells; stdp. cap., 1,800 bbls.; res. cap., 2,000 bbls.; mains, 2 m., 4 to 8 in. dia.; 23 hyd.; pres., dom. 40 lbs., f. 90 lbs.

SLEEPY EYE, p. 2,247; f. area, 1,320 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,800 ft.; f. al. elec., 25 bx.; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$225; tot. mem., 30 vol.

Water Supply—Src., well, 300 ft. bus. cent.; ays., pump to stdp.; stdp. cap., 35,000 gals.; mat. wd.; res. cap., 700,000 gals.; 2 pump. eng.; met., 62; 21 serv.; 18 hyd.; pres., dom. 45 lbs., f. 160 lbs.; cons. day, 150,000 gals.; cost, \$5,000; cost mtce., \$500; wks. owned by city.

SOUTH ST. PAUL, p. 4,510; f. area, 6 a.; merc. bldgs., bk. & wd., 2 & 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—4 c. hand ex., 1 hose wag.; 5 hose, cart.; 1 sleigh, 3 hrs.; hose, cot., rub. lined, gd., 4,200 ft.; inf., 800 ft.; tot. hose, 5,000 ft.; f. al. elec., 9 bx.; val. equip., \$5,200; val. bldgs., \$10,000; exp. dept., \$1,600; tot. mem., 25, pd. full time 2, vol. 23.

Water Supply—Src., wells, 800 ft. bus. cent.; ays., pump to stdp.; stdp. cap., 150,000 gals., dim. 16 x 100, mat. stl.; mains, c. i., 10 1-7 m., 6 to 8 in. dia.; 108 hyd.; 34 v.; 475 met.; 500 serv.; pipe, c. i.; pres., dom. & f. 25 to 100 lbs.; cons. day, 100,000 gals.; cost, \$80,000; wks. owned by city.

SPARTA, p. 900; f. area, 40 a. F. dept.—1 h. & l. trk., 2 hose carts; hose, 1,500 ft.; val. equip., \$2,000; tot. mem., 20 vol.

Water Supply—Src., lake; ays., dir. pres., pump; 9 hyd.; pres., dom. 60 lbs., f. 200 lbs.; mains, ½ m.; wks. owned by city.

SPICER, p. 400; f. area, 20 a. F. dept.—1 gas eng., hose & ladders etc., f. al. bell; val. equip., \$1,800; val. bldgs., \$500; tot. mem., 23 vol.

Water Supply—Src., lake.

SPRINGFIELD, p. 1,482; f. area, 80 a.; merc. bldgs., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. not perm. F. dept.—1 hand eng., 6 c. hand ex., 1 h. & l. trk., 2 hose cart.; hose, cot., rub. lined, gd., 800 ft.; inf., 700 ft.; tot. hose, 1,500 ft.; f. al. bell; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$50; tot. mem., 25 vol.

Water Supply—Src., wells; ays., pump to stdp.

stdp. cap., 75,000 gals.; res. cap., 1,800 bbls.; pump. eng., cap. day 1,000,000 gals.; mains, 3 m., 4 to 8 in. dia.; 36 hyd.; pres., dom. 53 to 58 lbs.; f. 75 lbs.; cost, \$6,000; wks. owned by city.

SPRING GROVE, p. 620; f. area, 25 a.; merc. bldgs., wd., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 12 c. hand ex., 1 h. & l. trk., 2 hose reels & carts; hose, cot., rub. lined, gd., 600 ft.; f. al. bell; val. equip., \$400; val. bldgs., \$600; exp. dept., \$100; tot. mem., 25 vol.

Water Supply—Src., well, 1 block bus. cent.; sys., pump to stdp.; stdp. cap., 54,400 gals.; mat., iron; 1 pump. eng., cap. day 15,000 gals.; mains, c. l., 1 m., 4 to 8 in. dia.; 11 hyd.; 11 v.; met., 11; 40 serv.; pipe, galv. i.; pres., dom. 35 lbs.; f. 40 lbs.; cost, \$6,000; wks. owned by city & Co.

SPRING VALLEY, p. 1,817; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., elec.; val. equip., \$2,600; val. bldgs., \$4,000; exp. dept., \$200; tot. mem., 45 vol.; undrs. rating, third class.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump dir. & pump to stdp.; stdp. cap., 60,000 gals.; res. cap., 8,000,000 gals.; 2 pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 30 hyd.; 26 v.; 100 serv.; pipe, iron; pres., dom. 60 lbs.; f. 100 lbs.; cons. day, 250,000 gals.; cost, \$15,000; cost mtce., \$1,800; wks. owned by city.

STAPLES, p. 2,558; f. area, 1,000 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, 1,000 ft.; f. al., bell & wh.; tot. mem., 28 vol.

Water Supply—Src., well; in bus. cent.; sys., grav.; stdp. cap., 75,000 gals.; dim., 25 x 25; mat. stl.; res. cap., 50,000 gals.; 2 pump. eng.; cap. day, 60,000 gals.; mains, c. l., 2½ m.; 4 to 10 in. dia.; 32 hyd.; 9 v.; 150 met.; 140 serv.; pres., dom. 45 lbs.; f. 105 lbs.; cons. day, 50,000 gals.; cost, \$30,000; wks. owned by city.

STEPHEN, p. 618; f. area, 4,000 ft.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 aer. trk., 2 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,700 ft.; f. al., elec., 4 bx.; val. equip., \$1,500; val. bldgs., \$6,000; exp. dept., \$75; tot. mem., 20 vol.

Water Supply—Src., riv.; sys., pump dir.; mains, c. l., ¾ m., 6 in. dia.; 3 hyd.; pres., f. 150 lbs.; cost, \$17,000; exp. dept., \$1,800.

STEWART, p. 412. F. dept.—1 h. & l. trk., 1,000 ft. hose; bell al.; 32 vol.

STEWARTVILLE, p. 794. F. dept.—1 h. & l. trk., 2 hose carts; hose, 1,250 ft.; f. al., bell & wh.; tot. mem., 25 vol.

Water Supply—Src., wells; stdp. cap., 2,000 bbls.; 7 hyd.; pres., dom. 45 to 50 lbs.; f. 90 to 110 lbs.

STILLWATER, p. 10,198; f. area, 2,370 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str.; 1 gas eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 7 hrs.; hose, rub., gd., 5,120 ft.; inf., 580 ft.; tot. hose, 5,700 ft.; f. al., elec., 29 bx.; val. equip., \$21,000; val. bldgs., \$15,000; exp. dept., \$19,000; tot. mem., 10, pd. full time 8, pd. part time 2; undrs. rating, second class.

Water Supply—Src., lake for lower sys. & creek, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 285,000 gals., loc. on top of hills; pump for upper sys.; 3 pump. eng., cap. day 8,000,000 gals.; mains, c. l., 15 m., 4 to 16 in. dia.; 136 hyd.; 55 v.; 1,155 serv.; pipe, galv. i. & stl.; pres., dom. 100 lbs.; f. 100 lbs.; cons. day, 1,410,000 gals.; cost, \$180,000; cost mtce., \$5,500; wks. owned by Co.

SWANVILLE, p. 397. F. dept.—1 str., 1 h. & l. trk., 6 c. ex., 1,000 ft. hose; bell al.; 25 vol.

TAYLORS FALLS, p. 454; f. area, 80 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes

of f. inv. F. dept.—1 h. & l. trk., 6 c. hand ex., 2 hose car.; 2 hose wag.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell & telp.; val. equip., \$1,200; val. bldgs., \$700; exp. dept., \$450; tot. mem., 25 vol.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump dir.; res. cap., 100,000 gals.; 2 pump. eng., cap. day 50,000 gals.; mains, c. l., 1½ m.; 14 hyd.; 24 v.; 22 met.; pres., dom. & f., 110 lbs.; cons. day, 7,000 gals.; cost, \$22,000; cost mtce., \$55; wks. owned by city.

TENSTRIKE, p. 250. F. dept.—1 str., 2 c. ex., 1,000 ft. hose; bell al.; 21 vol.

THIEF RIVER FALLS, p. 3,714; f. area, 160 a.; merc. bldgs., bk., stn. & wd., 1 to 2 stor.; priv., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 stm. eng., 6 c. hand ex., 1 h. & l. trk., 1 aer. trk., 3 hose car., 2 hrs.; hose, rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$2,400; tot. mem., 181 vol.

Water Supply—Src., deep wells & riv., situated 1 block bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; dim., 24 x 20 ft. x 120 ft.; mat., stl.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 2 m., 4 to 10 in. dia.; 150 met.; pipe, galv. i.; pres., dom. 55 lbs.; f. 100 lbs.; cons. day, 75,000 gals.; cost, \$37,500; wks. owned by city.

TINTAH, p. 317; f. area, 320 a. F. dept.—1 c. eng., 1 h. & l. trk.; val. equip., \$900; val. bldgs., \$600; tot. mem., 19 vol.

Water Supply—Src., wells; sys., pump dir.; 3 pump. eng.; cost mtce., \$100; wks. owned by village.

TORAH, p. 800. F. dept.—1 h. & l. trk., 1 hand eng., 1,000 ft. hose; bell al.; 28 part pd. men.

TRACY, p. 1,876; f. area, 4 blocks; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$8,500; exp. dept., \$150; tot. mem., 24, pd. part time.

Water Supply—Src., well, 1,200 ft. bus. cent.; sys., grav. & pump dir.; res. cap., 150,000 gals.; 1 pump. eng., cap. day, 1,000,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 36 hyd.; 325 serv.; pres., dom. 40 lbs.; f. 110 lbs.; cons. day, 50,000 gals.; cost, \$40,000; cost mtce., \$3,000; wks. owned by city.

TRIUMPH, p. 242. F. dept.—1 str., 1 h. & l. trk., 1,000 ft. hose; bell al.; 26 vol.

TRUMAN, p. 451. F. dept.—2 hose carts, 1,000 ft. hose.

TWIN VALLEY, p. 543. F. dept.—1 str., 2 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; tot. mem., 20 vol.

TWO HARBORS, p. 4,990; f. area, 300 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh., 7 bx.; val. equip., \$3,500; val. bldgs., \$800; exp. dept., \$300; tot. mem., 10 vol.

Water Supply—Src., lake, ¾ m. bus. cent.; sys., pump dir.; stdp. cap., 4,000,000 gals.; mat., bk. & conc.; 2 pump. eng., cap. day 6,000,000 gals.; mains, c. l., 6 m., 4 to 12 in. dia.; 31 hyd.; 500 serv.; pipe, iron; pres., dom. 80 lbs.; f. 150 lbs.; cons. day, 1,300,000 gals.; cost, \$80,000; cost mtce., \$22,000; wks. owned by village.

TYLER, p. 614. F. dept.—500 ft. hose; 16 vol.

ULEN, p. 438. F. dept.—1 h. & l. trk., 900 ft. hose; bell al.; 13 vol.

VERNDALE, p. 600; f. area, 80 a. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose cart; val. equip., \$1,800; val. bldgs., \$1,500; tot. mem., 25 vol.

Water Supply—Src., wells; sys., pump to stdp.; wks. owned by city.

VERGAS, p. 237. F. dept.—1 str., 1 c. eng., 1,000 ft. hose; bell al.; 15 vol.

VERNON CENTER, p. 289. F. dept.—1 h. & l. trk., 1 c. eng., 500 ft. hose; bell al.; 10 vol.

VESTA, p. 248. F. dept.—1 str., 700 ft. hose; bell al.; 24 vol.

VILLARD, p. 260. F. dept.—1,000 ft. hose; bell al.; vol.

VIRGINIA, p. 10,473; f. area, 1,040 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. h. & c. wag., 1 h. & l. trk., 1 hose wag., 1 hose sled, 1 h. & l. sled, 1 hose cart, 1 chief's buggy, 2 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; f. al., Gamewell, 42 bx.; val. equip., \$32,000; val. bldgs., \$14,475; exp. dept., \$19,945; tot. mem. 14, pd. full time.

Water Supply—Src., 2 wells; sys., pump to res.; pump cap., 8,000 gals. min.; 110 hyd.; 18 m. mains, 4 to 16 in. dia.; cost, \$325,000; wks. owned by Virginia Electric Power & Water Co.

WABASHA, p. 2,622; f. area, 10 a.; merc. bldgs., bk., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 4 hose car., 1 hose wag.; hose, cot., rub. lined, gd., 2,300 ft.; inf., 300 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$9,000; val. bldgs., \$6,000; exp. dept., \$75; tot. mem., 40 vol.

Water Supply—Src., riv.; sys., pump dir.; pump cap. day, 680,000 gals.; cost, \$6,000; cost mtce., \$200; wks. owned by Co.

WABASSO, p. 843. F. dept.—1 str., 1 h. & l. trk., 1,000 ft. hose; bell al.; 24 vol.

WACONIA, p. 817; f. area, 120 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1½ stor.; causes of f. inv. F. dept.—1 gas. eng., 2 comb. c. & h. wag., 1 c. hand ex., 1 aer. trk., 1 hose wag.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell; val. equip., \$5,400; val. bldgs., \$15,000; exp. dept., \$75; tot. mem., 70 vol.

Water Supply—Src., cisterns. No waterwks.

WADENA, p. 1,820; bldgs., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 50 ft.; inf., 400 ft.; tot. hose, 1,650 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$6,000; exp. dept., \$100; tot. mem., 26 vol.; undra. rating, third class.

Water Supply—Src., wells, 1-6 m. bus. cent.; sys., pump to res. & dir. to mains; stdp. cap., 100,000 gals.; mat., stl.; res. cap., 100,000 gals.; 1 pump. eng., class trip., cap. day 720,000 gals.; mains, c. l., 2 m., 4 to 10 in. dia.; 24 hyd.; met., 60; pipe, galv. l.; pres., dom. 45 lbs., f. 120 lbs.; cost, \$12,000; cost mtce., \$1,000; wks. owned by city.

WALKER, p. 917. F. dept.—1,000 ft. hose; bell al.; 9 vol.

WALNUT GROVE, p. 366. F. dept.—800 ft. hose; bell al.; 24 vol.

WANDA, p. 129; f. area, 10 a. F. dept.—1 gas. eng., 1 aer. trk., 1 hose wag., 1,200 ft. hose; f. al., bell; val. equip., \$1,600; exp. dept., \$100; tot. mem., 14 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals.; 2 pump. eng., cap. day 860,000 gals.; mains, c. l., 2,200 ft., 6 in. dia.; 5 hyd.; 1 v.; 16 met.; pres., dom. 75 lbs., f. 125 lbs.; cons. day, 3,000 gals.; cost, \$7,000; cost mtce., \$500; wks. owned by city.

WARREN, p. 1,618; priv. bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 9 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,750 ft.; inf., 1,200 ft.; tot. hose, 2,950 ft.; f. al., bell & wh.; val. equip., \$3,250; val. bldgs., \$2,500; exp. dept., \$300; tot. mem., 22 vol.; undra. rating, third class.

Water Supply—Src., well; 4 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; dim., 18 x 20; mat., stl.; 1 pump. eng., cap. day, 30,000 gals.; mains, c. l., 2 m., 4 to 8 in. dia.; 27 hyd.; 11 v.; met., 200; 230 serv.; pipe, galv. l.; pres., dom. 45 lbs., f. 45 lbs.; cost, \$33,000; cost mtce., \$500; wks. owned by city.

WARROAD, p. 927. F. dept.—1 str., 1,750 ft. hose; f. al., elec. wh.; 30 vol.

WASECA, p. 3,054; f. area, 900 a.; bldgs., bk. & stn., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 comb. c. & h. wag., 1 hose wag.; hose, cot., rub. lined, gd., \$1,000 ft.; f. al., bell & wh.; val. equip., \$2,900; val. bldgs., \$12,000; exp. dept., \$404; tot. mem., 33 vol.

Water Supply—Src., wells, 1,200 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 1

pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. l., 5½ m., 4 to 12 in. dia.; 42 hyd.; 200 serv.; pipe, galv. l.; pres., dom. 45 lbs., f. 75 lbs.; cost, \$35,000; wks. owned by city.

WATERTOWN, p. 465; f. area, 80 a.; bldgs., wd., 1½ stor.; wd. rfs. perm. F. dept.—1 str., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 350 ft.; tot. hose, 1,150 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$4,000; exp. dept., \$1,600; tot. mem. 32, pd. full time 1, vol. 31; undra. rating, third class.

Water Supply—Src., riv.; sys., pump dir.; mains, c. l., ¾ m., 4 in. dia.; 6 hyd.; pres., f. 150 lbs.; cost, \$2,500; cost mtce., \$500; wks. owned by town.

WATERVILLE, p. 1,273; f. area, 1,200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$4,000; tot. mem., 30 vol.

Water Supply—Src., wells, riv. & lake.

WATKINS, p. 366. F. dept.—1 str., 1,200 ft. hose; bell al.

WAVERLY, p. 460. F. dept.—1 h. & l. trk., 800 ft. hose; telp. al.; 25 vol.

WAYZATA, p. 492. F. dept.—1 h. & l. trk., 1 str., 1,000 ft. hose; bell al.; 20 vol.

WELCOME, p. 543. F. dept.—c. hand ex., 2 hose wag., 2,100 ft. hose; f. al., wh.; val. equip., \$5,000; val. bldgs., \$1,500; tot. mem., 30 vol.

WELLS, p. 1,755; f. area, 480 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$4,000; exp. dept., \$300; tot. mem., 39 vol.

Water Supply—Src., wells, 6 blocks bus. cent.; sys., grav., pump dir.; stdp. cap., 75,000 gals.; mat., stl. & wd.; res. cap., 75,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 2½ m., 4 to 10 in. dia.; 25 hyd.; 13 v.; 145 met.; 125 serv.; pipe, galv. l.; pres., dom. 45 lbs., f. 125 lbs.; cons. day, 90,000 gals.; cost, \$25,000; wks. owned by city.

WESTBROOK, p. 429. F. dept.—1,000 ft. hose; 24 vol.

WEST CONCORD, p. 584; f. area, 20 a. F. dept.—2 hose carts; hose, 1,000 ft.; val. equip., \$5,000; val. bldgs., \$2,000; tot. mem., 20 vol.

Water Supply—Src., wells; 2 pumps; gas eng.; mains, ½ m.; 10 hyd.; cost, \$2,500.

WEST UNION, p. 163; f. area, 40 a. F. dept.—1 gas. eng., 1 c. eng.; val. equip., \$850; val. bldgs., \$200; exp. dept., \$800; tot. mem., 17 vol.

Water Supply—Src., well; sys., pump dir.; 1

pump. eng., cap. day 141,120 gals.; pres., 209 lbs.; cost, \$850; wks. owned by village.

WHEATON, p. 1,300; f. area, 10 a.; bldgs., wd. & bk., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 c. hand ex., 1 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 500 ft.; tot. hose, 2,500 ft.; f. al., bell & telp.; val. equip., \$4,000; val. bldgs., \$500; tot. mem., 30 vol.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 2,000 bbls.; met., 70; pres., dom. 45 lbs.; cons. day, 5,000 gals.; cost, \$12,000; cost mtce., \$900; wks. owned by town.

WHITE BEAR, p. 1,505; f. area, 500 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 400 ft.; tot. hose, 2,200 ft.; f. al., bell & elec.; val. equip., \$4,000; val. bldgs., \$1,500; exp. dept., \$700; tot. mem., 30 vol.

Water Supply—Src., well; sys., pump to res. & dir.; res. cap., 2,000 bbls.; 52 hyd.; pres., f. 24½ lbs.; cons. day, 12,000 gals.; cost, \$5,500; cost mtce., \$500; wks. owned by town.

WILLMAR, p. 4,135; f. area, 1,500 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 str., 1 aer. trk., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 500; tot. hose, 2,000 ft.; f. al., automat.

& wh.; val. equip., \$8,000; val. bldgs., \$10,000; exp. dept., \$150; tot. mem., 50 vol., pd. 50 cents per hour.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 60,000 gals.; dim., 20 x 20; mat., stl.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 4½ m., 2 to 8 in. dia.; 37 hyd.; 12 v.; met., 8; 300 serv.; pipe, iron; pres., dom. 40 lbs., f. 75 lbs.; cons. day, 100,000 gals.; cost, \$35,000; wks. owned by city.

WILMOT, p. 258. F. dept.—750 ft. hose; bell al.; 20 vol.

WINDOW, Cottonwood Co., p. 1,749; f. area, 480 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 900 ft.; inf., 100 ft.; tot. hose, 1,000 ft.; f. al., wh.; val. equip., \$1,200; val. bldgs., \$500; exp. dept., \$300; tot. mem. 25, pd. part time; undrs. rating, third class.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 130,000 gals.; dim., 25 x 35; mat., stl.; 2 pump. eng., class trip., cap. day 500,000 gals.; mains, 8 m., 4 to 10 in. dia.; 30 hyd.; 17 v.; met., 180; 180 serv.; pipe, c. i.; pres., dom. & f., 60 lbs.; cons. day, 25,000 gals.; cost, \$25,000; cost mtce., \$4,000; wks. owned by city.

WINNEBAGO CITY, p. 1,554; f. area, 320 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose sleigh, 2 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; inf., 100 ft.; tot. hose, 1,800 ft.; f. al., bell & wh.; val. equip., \$1,800; val. bldgs., \$2,000; tot. mem., 25 vol.

Water Supply—Src., wells; sys., pump to mains; res. cap., 800,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 45 hyd.; 4 v.; met., 6; 293 serv.; pipe, iron; pres., dom. 40 lbs., f. 110 lbs.; cons. day, 75,000 gals.; cost, \$15,000; cost mtce., \$1,500; wks. owned by city.

WINONA, p. 18,583; f. area, 26,000 a.; merc. bldgs., iron, bk., wd., 1 to 5 stor.; priv., bk. & wd., 1 to 6 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 auto. comb. h. & c. trk., 1 c. eng., 5 c. hand ex., 2 h. & l. trk., 1 aer. trk., 4 hose wag., 4 hose reels, 14 hrs.; hose, cot., rub. lined, gd., 8,400 ft.; inf., 1,000 ft.; tot. hose, 9,400 ft.; f. al., Gamewell, 60 bx.; val. equip., \$80,000; val. bldgs., \$48,000; exp. dept., \$28,000; tot. mem. 31, pd. full time.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 20,000 gals.; mat., stl.; 3 pump. eng., cap. day 11,000,000 gals.; mains, c. i., 36 m., 6 to 30 in. dia.; 365 hyd.; 221 v.; met., 1,775; 2,581 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 90

lbs.; cons. day, 2,195,826 gals.; cost, \$334,961.73; cost mtce., \$10,862.64; wks. owned by city.

WINTHROP, p. 1,043. F. dept.—1 h. & l. trk., 2 hose carts; hose, 2,500 ft.; exp. dept., \$125; tot. mem., 24 vol.

Water Supply—Src., wells & tk.; 1 pump; 17 hyd.; 5 v.; mains, 6 to 8 in. dia.; pres., dom. 45 lbs., f. 45 lbs.; wks. owned by city.

WOLVERTON, p. 200. F. dept.—1 c. eng., 1 h. & l. trk.; val. equip., \$500; val. bldgs., \$400; tot. mem., 20 vol.

Water Supply—Not reported.

WOODLAKE, p. 292. F. dept.—1,000 ft. hose; vol.

WORTHINGTON, p. 2,385; f. area, 320 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 3 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 2,250 ft.; f. al., bell & wh.; val. equip., \$2,100; val. bldgs., \$300; tot. mem., 38 vol.; undrs. rating, third class.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump dir.; 3 pump. eng., cap. day 750,000 gals.; mains, c. i., 3½ m., 4 to 8 in. dia.; 33 hyd.; 15 v.; met., 56; 319 serv.; pres., dom. 65 lbs., f. 110 lbs.; cost, \$30,000; cost mtce., \$1,592; wks. owned by city.

WYCKOFF, p. 456. F. dept.—1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,200 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., wh.; 30 vol.

YOUNG AMERICA, p. 303; f. area, 640 a. F. dept.—1 gasoline eng., 1 hand pump, 1 h. & l. trk., 2 hose reels; hose, 1,800 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$3,000; tot. mem., 34 vol.

Water Supply—Src., cisterna.

ZUMBRO FALLS, p. 208; f. area, 5 a. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$1,000; val. bldgs., \$1,000; tot. mem., 25 vol.

Water Supply—Src., res.; sys., grav.; res. cap., 60,000 gals.; 1 pump. eng., cap. day 216,000 gals.; 4 hyd.; 3 v.; mains, 2,000 ft.; pres., dom. & f., 70 lbs.; cost, \$10,000; cost mtce., \$200; wks. owned by city.

ZUMBROTA, p. 1,138; f. area, 20 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell & 23 bx.; val. equip., \$2,500; val. bldgs., \$6,000; exp. dept., \$300; tot. mem., 90 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to res.; res. cap., 160,000 gals.; pump. eng., cap. day 50,000 gals.; mains, c. i., 5 m., 6 to 8 in. dia.; 33 hyd.; 15 v.; 50 serv.; pres., dom., 68 lbs.; cons. day, 25,000 gals.; cost, \$12,000; cost mtce., \$1,000; wks. owned by city.

Places with a population of 1,000 or more not reported—Arlington, Crystal.

MISSISSIPPI

ABERDEEN, p. 3,708; f. area, 200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., c. hand ex., 1 h. & l. trk., 1 hose wag., 5 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., wh.; val. equip., \$7,500; exp. dept., \$150; tot. mem., 60 vol.; undrs. rating, third class.

Water Supply—Src., wells (4); res. cap., 750,000 gals.

AMORY, p. 2,122; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. No org. f. dept.

Water Supply—Src., 3 wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 24 x 35; mat., stl.; res. cap., 100,000 gals.; 2 pump. eng., class, comp. dup.; cap. day, 250,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 58 hyd.; 225 met.; 225 serv.; pres., dom. 65 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$68,000; wks. owned by city.

BAY ST. LOUIS, p. 3,388; bldgs., wd., 1 stor.; d. rfs. perm.; no fwks. & combt. ord. F. dept.—

1 hand eng., 6 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 350 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$100; tot. mem., 75 vol.

Water Supply—Src., wells, in bus. cent.; sys., grav.; mains, iron, 10 m., 2 to 4 in. dia.; 38 hyd.; 360 serv.; pipe, iron; pres., dom. & f. 25 lbs.; cost, \$30,000; wks. owned by priv. Co.

BELZONI, p. 1,059; f. area, 300 a. F. dept.—1 hand h. & l. trk., 3 hand hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; val. equip., \$4,500; val. bldgs., \$300; vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; res. cap., 110,000 gals.; 1 pump. eng., class dup., cap. day 720,000 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 30 hyd.; 15 v.; 20 met.; 115 serv.; pres., dom. 65 lbs., f. 125 lbs.; cost, \$30,000; cost mtce., \$18,000; wks. owned by city.

BILOXI, p. 8,049; f. area, 2,560 a.; bldgs., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 str., 2 c. eng., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 4 hose wag. & buckets; hose, cot., rub. lined, gd., 2,800 ft.; inf., 1,000 ft.; tot. hose, 3,800 ft.; f. al., elec;

val. equip., \$15,000; val. bldgs., \$6,000; exp. dept., \$6,500; tot. mem. 150, pd. full time 7, vol. 143; undra. rating, second class.

Water Supply—Src., wells, in bus. cent.; sya., pump to stdp.; stdp. cap., 240,000 gals.; mat., stl.; 3 pump. eng., cap. day 3,600,000 gals.; mains, c. i., 27 m., 4 to 10 in. dia.; 800 hyd.; 250 v.; 20 met.; 1,400 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 125 lbs.; cons. day, 5,000 gals.; cost, \$138,000; cost mtce., \$2,400; wks. owned by city.

BROOKHAVEN, p. 5,293; f. area, 2,500 a.; merc. bldgs., bk. & iron, 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 comb. ladder & hose wag., 4 hose carts; hose, cot., rub. lined, gd., 4,000 ft.; f. al., bell & wh.; val. equip., \$8,000; exp. dept., \$1,500; tot. mem., 30 vol.

Water Supply—Src., 4 wells, 1,000 ft. bus. cent.; sya., pump to stdp. & dir.; stdp. cap., 90,000 gals., loc. 150 ft. station; mat., stl.; res. cap., 400,000 gals.; 3 pump. eng., class comp., cap. day 750,000 gals.; 1 pump., cap. 1,000 gals. min.; mains, c. i., 7 m., 4 to 10 in. dia.; 90 hyd.; 160 met.; pres., dom. 45 lbs., f. 140 lbs.; cons. day, 150,000 gals.; cost, \$100,000; wks. owned by city.

CANTON, p. 3,929; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 str., 1 h. & l. trk., 3 hose car., 2 hra.; hose, rub., gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., elec.; val. equip., \$3,250; exp. dept., \$450; tot. mem., 75 vol.; undra. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sya., pump to stdp.; stdp. cap., 211,000 gals.; dim., 16 x 140; mat., iron; res. cap., 365,000 gals.; 3 pump. eng., class dup., cap. day, 2,500,000 gals.; mains, c. i., 14 m., 4 to 10 in. dia.; 97 hyd.; 50 v.; met., 4; 600 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 60 to 100 lbs.; cons. day, 350,000 gals.; cost, \$41,000; cost mtce., \$10,000; wks. owned by city.

CLARKSDALE, p. 4,079; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. eng., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 50; undra. rating, third class.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sya., dir.; stdp. cap., 65,000 gals.; res. cap., 380,000 gals.; 2 pump. eng., class dup., cap. day, 2,000,000 gals.; mains, c. i., 16 m., 4 to 8 in. dia.; 170 hyd.; 135 v.; 225 met.; 700 serv.; pres., dom. 50 lbs., f. 120 lbs.; wks. owned by city.

COLLINS, p. 2,581; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 to 3 stor. F. dept.—2 hose car.; hose, rub. lined, 1,500 ft.; f. al., wh.; tot. mem. 12, pd. part time.

COLUMBIA, p. 3,029. F. dept.—Not reported. Water Supply—Src., artesian well in city; sya., pump to stdp.; stdp. cap., 75,000 gals.; mat., stl.; res. cap., 107,000 gals.; 2 pump. eng., class comp., cap. day, 1,080,000 gals.; mains, 6 m., 4 to 10 in. dia.; mat., c. i.; 52 hyd.; 38 v.; 25 met.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 250,000 gals.; cost, \$56,000; cost mtce., \$2,000; wks. owned by city.

COLUMBUS, p. 3,988; f. area, 1,000 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 hand eng., 1 h. & l. trk., 1 hose wag., 2 hose car., 4 hra.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$4,000; exp. dept., \$4,097.25; tot. mem. 61, pd. full time 6, vol. 55; undra. rating, second class.

Water Supply—Src., creek, 2 m. bus. cent.; sya., grav., pump dir.; res. cap., 180,000 gals., loc. at station; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 10 m., 8 to 8 in. dia.; 116 hyd.; 90 v.; met., 25; 1,200 serv.; pres., dom. 25 lbs., f. 100 lbs.; cons. day, 400,000 gals.; cost, \$70,000; cost mtce., \$6,000; wks. owned by city.

CORINTH, p. 5,020; f. area, 600 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; tot. mem., 16 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sya., pump to stdp.; stdp. cap., 50,000 gals.; mat.,

stl.; res. cap., 200,000 gals.; 3 pump. eng., class air comp., cap. day 2,275,000 gals.; mains, c. i., 6 2-8 m., 4 to 12 in. dia.; 120 hyd.; met., 27; 450 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 45 to 100 lbs.; cost, \$57,700; cost mtce., \$6,000; wks. owned by city.

CRYSTAL SPRINGS, p. 1,843; f. area, 16 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—5 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$1,000; tot. mem., 20 vol.; undra. rating, third class.

Water Supply—Src., wells, in bus. cent.; sya., pump to res.; res. cap., 118,000 gals.; 2 pump. eng., cap. day 590,400 gals.; mains, 3 $\frac{1}{2}$ m., 4 to 8 in. dia.; 80 hyd.; pres., dom. 65 lbs., f. 180 lbs.; cost, \$32,000; cost mtce., \$4,000.

ELLISVILLE, p. 2,446. F. dept.—Not reported. Water Supply—Src., artesian well, $\frac{1}{4}$ m. bus. cent.; sya., pump to stdp.; stdp. cap., 60,000 gals.; dim., 23 x 24; mat., stl.; res. cap., 65,000 gals.; 2 pump. eng., cap. day 500,000 gals.; mains, 4 m., 4 to 8 in. dia.; mat., c. i.; 31 hyd.; 180 serv.; 100 met.; pipe, galv. i.; pres., dom. 50 to 55 lbs., f. 120 lbs.; cons. day, 30,000 gals.; cost, \$20,000; wks. owned by city; leased to Ben. P. Gowen.

ENTERPRISE, p. 377; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—Not reported.

Water Supply—Src., wells; cap., 100,000 gals.; cost, \$1,500.

FAYETTE, p. 775; f. area, 1 m.; merc. bldgs., iron, bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., bell & wh.; tot. mem., 26 vol.

Water Supply—Src., well; sya., pump to res.; res. cap., 100,000 gals.; 1 pump. eng.; 18 hyd.; pres., dom. 45 lbs., f. 145 lbs.; cost, \$12,250; wks. owned by town.

FORREST, p. 1,100; f. area, 150 a. F. dept.—2 hose reels; val. equip., \$400; val. bldgs., \$50; vol.

Water Supply—Src., 2 wells; sya., pump. dir.; 1 pump. eng., cap. day 200,000 gals.; mains, 3 m.; cost, \$10,000; cost mtce., \$1,500; wks. owned by city.

GLOSTER, p. 1,486; f. area, 2 blocks; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. not inv. F. dept.—2 h. & l. trk., 2 hose car.; hose, rub., gd., 500 ft.; inf., 800 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$500; tot. mem., 40 vol.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sya., grav., pump to res., to stdp. & dir.; stdp. cap., 35,000 gals.; dim., 16 x 25, loc. in cent. town; mat., stl.; 2 pump. eng., class dup., cap. day 160,000 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 32 hyd.; 12 v.; 5 met.; 120 serv.; pres., dom. 35 lbs.; cons. day, 70,000 gals.; cost, \$23,500; wks. owned by city.

GREENVILLE, p. 9,610; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 comb. c. & h. wag., 1 comb. h. & l. trk. (1 hose wag. in reserve), 10 hra.; hose, cot., rub. lined, gd., 4,500 ft.; hr., 1,400 ft.; c. hose, 1,750 ft.; tot. hose, 7,650 ft.; f. al., Gamewell, 22 bz.; val. equip., \$8,000; val. bldgs., \$18,000; exp. dept., \$12,000; tot. mem. 16, pd. full time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sya., pump to res.; res. cap., 280,000 gals., loc. near station; 2 pump. eng., cap. day 1,250,000 gals.; mains, c. i., 180 hyd.; 1,100 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 90 lbs.; cons. day, 700,000 gals.; cost, \$70,000; cost mtce., \$8,000; wks. owned by city.

GREENWOOD, Leflore Co., p. 5,836; merc. bldgs., bk. & wd.; wd. rfs. perm. F. dept.—1 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 2 hra., 4 hose reels; hose, cot., rub. lined, gd., 3,500 ft.; inf., 500 ft.; tot. hose, 4,000 ft.; f. al., wh. & tel.; tot. mem. 32, pd. full time 5, vol. 27.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sya., pump to stdp. & dir.; stdp. cap., 120,000 gals.; mat., stl.; res. cap., 275,000 gals., loc. at pump. station; 4 pump. eng., class dup. comp. &

triple expansion, cap. day 4,500,000 gals.; mains, c. l. 7 m., 4 to 10 in. dia.; 100 hyd.; 42 v.; 300 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 1,500,000 gals.; cost, \$50,000; wks. owned by city.

GRENADA, p. 2,814; f. area, 1 sq. m.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 3 hose carts; hose, 1,500 ft.; f. al., bell & wh.; tot. mem., 55 vol.; undra. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 175,000 gals.; dim., 35 x 39, loc. on hill, 120 ft. high; mat., stl.; res. cap., 77,000 gals., loc. at station; 2 pump. eng., class comp. dup., cap. day 750,000 gals.; mains, c. l., 5 m., 6 to 10 in. dia.; 49 hyd.; met., 100; 30 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 150,000 gals.; cost, \$60,000; cost mtce., \$1,800; wks. owned by city.

GULFPORT, p. 6,386. F. dept.—1 h. & 1 trk., 1 comb. c. & h. wag., 3 hose carts; hose, 3,500 ft.; f. al., telp. & wh.; vol. co.

Water Supply—Src., not reported; sys., pump to res. & dir.; res. cap., 1,200,000 gals.; 1 pump, cap. min. 1,100 gals.; mains, 4 m., 6 to 10 in. dia.; 60 hyd.; wks. owned by city.

HATTESBURG, p. 11,778; merc. bldgs., bk. & wd., 1 to 6 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 c. eng. on wls., 75 c. hand ex., 1 comb. c. & h. wag., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; rub., gd., 400 ft.; tot. hose, 4,400 ft.; f. al., Gamewell, 18 bx.; val. equip., \$6,000; val. bldgs., \$29,500; exp. dept., \$8,000; tot. mem., 44, pd. full time 12, vol. 32.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 90,000 gals.; dim., 14 x 80; res. cap., 150,000 gals., loc. 50 ft. plant; 3 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. l., 15 m., 4 to 12 in. dia.; 186 hyd.; 116 v.; met., 6; 1,250 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 100 to 120 lbs.; cost, \$51,000; cost mtce., \$4,500; wks. owned by city.

HAZLEHURST, p. 2,056; f. area, 300 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hose car., 1 h. & 1 trk.; hose, cot. rub. lined, gd., 1,500 ft.; f. al., wh.; tot. mem., 40 vol.; undra. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump to res., stdp. & dir.; stdp. cap., 75,000 gals., dim. 20 x 35, mat. stl.; res. cap., 100,000 gals., loc. at power house; 1 pump. eng., cap. day 720,000 gals.; mains, c. l., 4 m., 4 to 10 in. dia.; 27 hyd.; 20 v.; met., 125; 175 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 100,000 gals.; cost, \$40,000; cost mtce., \$6,000; wks. owned by city.

HOLLY SPRINGS, p. 2,192; merc. bldgs., bk. & wd., 1 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—4 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; inf., 600 ft.; tot. hose, 1,800 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$300; tot. mem., 11, pd. part time 1, vol. 10.

Water Supply—Src., wells, 600 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 108,000 gals., dim. 20 x 50, mat. stl.; res. cap., 270,000 gals., loc. 200 ft. from tower; 2 pump. eng., cap. day 850,000 gals.; mains, c. l., 7 m., 6 to 10 in. dia.; 67 hyd.; 47 v.; met., 14; 300 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 60,000 gals.; cost, \$65,000; cost mtce., \$6,500; wks. owned by city.

JACKSON, p. 21,262; f. area, 3,000 a.; merc. bldgs., bk., 1 to 6 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 auto. comb. c. & hose wag., 2 comb. c. & h. wag., 1 comb. auto. aer. trk., 1 h. & 1 trk., 1 supply wag., 1 chief's auto., 14 c. hand ex., 11 hrs.; hose, cot., rub. lined, gd., 7,250 ft.; f. al., Gamewell, 32 bx.; val. equip., \$22,450; val. bldgs., \$60,000; exp. dept., \$38,000; tot. mem., 34, pd. full time.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 235,000 gals.; dim. 25 x 70, loc. on hill 60 ft. high, mat. stl.; 2 pump. eng., class trip. exp. cond., cap. day 7,000,000 gals.; mains, 58 m.; 510 hyd.; 423 v.

1,635 met.; 4,500 serv.; cons. day, 3,408,000 gals.; cost, \$550,000; cost mtce., \$17,000; wks. owned by city.

KOSCIUSKO, p. 2,385; bldgs., bk. & wd., 1 & 2 stor. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; tot. mem., 20 vol.; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 22,000 gals.; pump. eng.; mains, $\frac{1}{4}$ m., 4 to 16 in. dia.; 18 hyd.; pres., dom. 49 lbs., f. 80 lbs.; wks. owned by A. M. Hanna.

LAUREL, p. 8,465. F. dept.—5 hose carts; hose, cot., rub. lined, gd., 1,100 ft.; f. al., telp.; tot. mem., 52 vol.

Water Supply—Src., pond & well; sys., pump to res.; res. cap., 625,000 gals.; 2 pump. eng., class comp.; mains, 371 ft., 6 to 12 in. dia.; 106 hyd.; pres., dom. 50 lbs., f. 125 lbs.

LEXINGTON, p. 2,428; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose reels; hose, cot., rub. lined, gd., 1,600 ft.; f. al., wh.; tot. mem., 18 vol.; undra. rating, third class.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; mat., stl.; res. cap., 250,000 gals.; 2 pump. eng.; cap. day, 1,440,000 gals.; mains, c. l., 6 m., 6 to 10 in. dia.; 80 hyd.; pipe, c. i.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 150,000 gals.; cost, \$60,000; cost mtce., \$3,000; wks. owned by city.

LUMBERTON, p. 2,122; f. area, 300 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—3 hose car.; hose, rub. lined, gd., 1,500 ft.; f. al., elec. & telp., 3 bx.; tot. mem., 35.

Water Supply—Not reported.

McCOMB, p. 6,237; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hand eng., 1 c. eng. on wls., 30 c. hand ex., 1 hose wag., 4 hose car., 3 hrs.; hose, cot., rub. lined, gd., 3,260 ft.; f. al., bell & wh.; val. equip., \$1,150; exp. dept., \$360; tot. mem., 60 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 8 $\frac{1}{2}$ m., 4 to 10 in. dia.; 81 hyd.; pres., dom. 65 lbs., f. 120 lbs.

MACON, p. 2,024; f. area, 5 blocks; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 1 h. & 1 trk.; hose, 2,400 ft.; f. al., telp.; val. equip., \$2,750; exp. dept., \$500; tot. mem., 10, pd. full time; undra. rating, fourth class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; res. cap., 100,000 gals.; 2 pump. eng., cap. day 238,000 gals.; mains, c. l., 3 $\frac{1}{2}$ m., 6 to 8 in. dia.; 70 hyd.; 15 v.; 125 met.; 200 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 70 to 125 lbs.; cons. day, 200,000 gals.; cost, \$70,000; cost mtce., \$7,200; wks. owned by city.

MAGNOLIA, p. 1,823; bldgs., bk. F. dept.—3 c. hand ex., 3 hose car.; hose, gd., 1,500 ft.; f. al., telp. & wh.; tot. mem., 25 vol.

Water Supply—Creek & well; sys., grav. & pump to stdp.; stdp. cap., 100,000 gals.; 2 pumps, cap. day 1,628,000 gals.; cap. res., 80,000 gals.; mains, 6 m.; 80 hyd.

MERIDIAN, p. 23,285; f. area, 4 sq. m.; merc. bldgs., bk., 1 to 6 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str. (in reserve), 2 auto. comb. c. & hose wag., 1 h. & 1 trk., 1 aer. trk., 18 c. hand ex., 2 comb. c. & h. wag., 3 hose wag., 10 hrs.; hose, cot., rub. lined, gd., 10,400 ft.; f. al., wh., 33 Gamewell bx.; val. equip., \$40,000; val. bldgs., \$22,500; exp. dept., \$31,600; tot. mem., 30, pd. full time; undra. rating, first class.

Water Supply—Src., spr. & watershed, 8,000 to 16,000 ft. pump. station; pump. station loc. within 5 blocks bus. cent.; sys., pump dir.; res. cap. at station 2,500,000 gals., at spr. 500,000,000 gals.; 3 pump. eng., cap. 10,500,000 gals. day; two c. i. conduits, one 16 in., one 20 in., bringing water by grav. from storage res.; mains, c. l., 38 m., 4 to 16 in. dia.; 300 v.; 401 hyd.; met., 2,700; wks. owned by city.

MOSS POINT, p. 3,054; f. area, 1,920 a.; bldgs., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell & wh.; val. equip., \$1,800; tot. mem., 43 vol.; undra. rating, fourth class.

Water Supply—Src., riv., lake, wells, cap. 175 gals. min.; 1 pump. eng.

NATCHEZ, p. 11,791; f. area, 21 blocks; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 4 c. hand ex., 1 c. eng., 1 h. & 1 trk., 2 hose wag., 9 hose carts, 10 hrs.; hose, 6,500 ft.; f. al., bell; val. equip., \$14,000; val. bldgs., \$30,000; exp. dept., \$6,500; tot. mem., 800, pd. full time 5; vol. 295; und. rating, second class.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to res., to stdp. & dir.; std. cap., 127,000 gals., dim. 12 x 150, loc. corner Monroe & Union sts., mat. iron; res. cap., 320,000 gals., loc. at station; 2 pump. eng., cap. day 3,500,000 gals.; mains, iron, 24 m., 4 to 14 in. dia.; 183 hyd.; 125 v.; met., 1,032; 1,148 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 75 lbs.; consa. day, 547,200 gals.; wks. owned by city.

NEW ALBANY, p. 2,032. F. dept.—8 hose carts; hose, 2,000 ft.; f. al., wh.

Water Supply—Src., 2 artesian wells, cap. 120,000 gals. day; sys. pump to stdp.; stdp. cap., 30,000 gals.; res. cap., 48,500 gals.; 2 pump. eng., class dup., cap. day 250,000 gals.; mains, 2 m., 6 to 8 in. dia.; 19 hyd.; pres., dom. 60 lbs., f. 100 lbs.

OCEAN SPRINGS, p. 1,472; f. area, 3,200 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 h. & 1 trk., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 500 ft.; tot. hose, 800 ft.; f. al., bell; val. bldgs., \$2,600; tot. mem., 40 vol.; undra. rating, fourth class.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 7,000 gals.; mains, wrt. l., 6 m., 1 to 2 $\frac{1}{2}$ in. dia.; 110 hyd.; 50 serv.; pipe, iron; pres., dom. 25 lbs., f. 60 lbs.; cost, \$5,200; cost mtce., \$75; wks. owned by Co.

OKALONA, p. 2,584; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose cart; hose, rub., gd., 800 ft.; tot. mem., 25 vol.; undra. rating, second class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; res. cap., 100,000 gals.; 2 pump. eng.; mains, 5 m., 6 to 8 in. dia.; 55 hyd.; met., 3; pres., f. 80 to 100 lbs.

OSYKA, p. 324; f. area, 8 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—4 c. hand ex.; f. al., bell; town vol. in case of f.

OXFORD, p. 2,014; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—3 hose carts, 3 hose car.; hose, cot., rub. lined, gd., 2,800 ft.; inf., 100 ft.; tot. hose, 2,400 ft.; f. al., telp.; val. equip., \$2,500; val. bldgs., \$2,500; tot. mem., 23 vol.; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump to res. & dir.; stdp. cap., 65,000 gals.; dim., 41 x 18; res. cap., 75,000 gals.; 1 pump. eng., cap. day 200,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 90 hyd.; 330 serv.; pres., dom. 40 lbs., f. 55 to 90 lbs.; cost, \$20,000; cost mtce., \$3,500; wks. owned by town.

PASCAGOULA, p. 5,057; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 $\frac{1}{2}$ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—2 h. & 1 trk., 3 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 8,500 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 40 vol.

Water Supply—Src., artesian wells; sys., pump to stdp. & dir.; stdp. cap., 75,000 gals., 120 ft. high; mains, 10 m., 2 to 8 in. dia.; 48 hyd.; wks. owned by Pascagoula St. Ry. & Power Co.

PASS CHRISTIAN, p. 2,458; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv.

F. dept.—2 h. & 1 trk., f. buckets; val. equip., \$200; vol.

PICKENS, p. 619. F. dept.—2 hose reels; hose, 1,000 ft.; f. al., bell; tot. mem., 20 vol.
Water Supply—Src., wells; stdp. cap., 35,000 gals.; res. cap., 85,000 gals.; 1 pump. eng., cap. day 504,000 gals.; mains, 1 m., 6 to 8 in. dia.; 18 hyd.; pres., dom. 50 lbs., f. 90 lbs.

PORT GIBSON, p. 2,252; f. area, 62 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose wag.; hose, rub., gd., 1,500 ft.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., wh.; val. equip., \$5,000; exp. dept., \$500; tot. mem., 40, pd. part time.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 85,000 gals.; dim., 32 x 132; mat., stl.; res. cap., 100,000 gals.; 1 pump. eng., class dup. comp., cap. min. 750 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 45 hyd.; pipe, galv. i.; pres., dom. 50 lbs., f. 125 lbs.; consa. day, 110,000 gals.; cost, \$62,000; wks. owned by city.

ROSEDALE, p. 1,103. F. dept.—3 hose reels; hose, 1,200 ft.; f. al., telp.; tot. mem., 17 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 21,000 gals.; 1 pump. eng., class dup., cap. day 5,000,000 gals.; mains, 4 to 6 in. dia.

SARDIS, p. 1,406; f. area, 10 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 2 hose reels; hose, cot., rub. lined, gd., 500 ft.; dept. not org.; undra. rating, fourth class.

Water Supply—Src., well; sys., pump to stdp. & dir.; stdp. cap., 60,000 gals.; consa. day, 60,000 gals.; 16 hyd.; cost, \$18,000; wks. owned by town.

SENATOBIA, p. 1,275; f. area, 10 a.; bldgs., bk. & wd., 1 & 4 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 500 ft.; inf., 50 ft.; tot. hose, 550 ft.; f. al., bell & wh., 9 bx.; undra. rating, fourth class.

Water Supply—Src., wells, 300 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 45,000 gals., loc. near station; mat., iron; 2 pump. eng., cap. day 15,000 gals.; mains, wrt. c. & galv. i., 2 $\frac{1}{2}$ m., 1 to 8 in. dia.; 7 hyd.; 140 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 75 to 90 lbs.; consa. day, 60,000 gals.; cost, \$12,600; cost mtce., \$1,966; wks. owned by city.

SHAW, p. 825; f. area, 320 a. F. dept.—1 hose reels, 2 hrs., 1,500 ft. hose; vol.

Water Supply—Src., artesian well, 1 m. bus. cent.; sys., pump to stdp.; 2 pump. eng., cap. day 40,000,000 gals.; mains, 25 m.; 25 hyd.; 10 v.; 150 serv.; pres., dom. 40 lbs., f. 60 lbs.; cost, \$80,000; wks. owned by city.

STARKVILLE, p. 2,698; f. area, 1,200 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$1,600; val. bldgs., \$800; tot. mem., 14 vol.; undra. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., grav., pump to res., to stdp. & dir.; stdp. cap., 60,000 gals.; dim., 30 x 28, loc. cent. town; mat., stl.; res. cap., 100,000 gals., loc. at station; 1 pump. eng., class comp. dup., cap. day 750,000 gals.; mains, c. l., 6 m., 1 to 8 in. dia.; 33 hyd.; 8 v.; met., 1; 156 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 90 to 125 lbs.; consa. day, 40,000 gals.; cost, \$31,000; cost mtce., \$2,000; wks. owned by city.

SUMMIT, p. 1,471; f. area, 40 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$850; val. bldgs., \$250; tot. mem., 30 vol.

Water Supply—Src., well in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 85,000 gals.; dim., 100 x 12; res. cap., 50,000 gals.; 2 pump. eng., cap. day 500,000 gals.; mains, 4 $\frac{1}{2}$ m., 4 to 8 in. dia.; 32 hyd.; pres., dom. 44 lbs., f. 125 lbs.; cost, \$13,876; wks. owned by city.

TUPELO, p. 3,881; merc. bldgs., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; bus. places compelled to have ladders & buckets; undra. rating, third class.

Water Supply—Src., wells, 1,000 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 22 x 80; mat., stl.; 2 pump. eng., class dup., cap. day 2,000,000 gals.; mains, c. i., 6½ m., 8, 8 & 10 in. dia.; 66 hyd.; 40 v.; pres., dom. 70 lbs., f. 125 lbs.; wks. owned by city.

VICKSBURG, p. 20,814; merc. bldgs., bk., 1 to 7 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 10 c. hand ex., 1 h. & 1 trk., 8 comb. c. & h. wag., 1 hose wag., 1 hose cart, 14 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; rub. gd., 400 ft.; tot. hose, 6,400 ft.; f. al., bell, 28 bx.; val. equip., \$25,000; val. bldgs., \$50,000; exp. dept., \$85,000; tot. mem. 29, pd. full time.

Water Supply—Src., riv., 3 m. bus. cent.; sys., grav. pump to res., to stdp. & dir.; stdp. cap., 330,000 gals.; dim., 140 x 22; mat., iron; res. cap., 2,150,000 gals.; 5 pump. eng., class dup., cap. day 11,250,000 gals.; mains, 17 m., 4 to 16 in. dia.; 130 hyd.; 75 v.; met., 300; 1,500 serv.; pipe, lead; pres., dom. & f. 80 lbs.; cons. day, 1,500,000 gals.; cost, \$264,000; wks. owned by Co.

WATER VALLEY, p. 4,275; f. area, 480 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$600; val. bldgs., \$5,000; exp. dept., \$1,000; tot. mem., 14 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 125,000 gals.; dim., 16 x 80; mat., stl. & conc.; 2 pump. eng., class comp. & centrif., cap. day, 3,500,000 gals.; mains, c. i., 20 m., 4 to 8 in. dia.; 55 hyd.; met., 800; 550 serv.; pipe, lead & wrt. i.; pres., dom. 80 lbs., f. 80 to 90 lbs.; cost, \$85,000; cost mtce., \$7,500; wks. owned by city.

WESSON, p. 2,024; merc. bldgs., bk., 1 to 5 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. F. dept.—1 h. & 1 trk., 8 hose carts, 3 hrs.; hose, cot., rub. lined, gd., 1,700 ft.; f. al., wh.; tot. mem., 18, pd. full time; undrs. rating, fourth class.

Water Supply—Src., creek; sys., pump to res. & dir.; stdp. cap., 110,000 gals.; res. cap., 150,000 gals.; 2 pump. eng., cap. day, 1,000,000 gals.;

mains, c. i., 2 m., 4 to 6 in. dia.; 22 hyd.; 48 v.; wks. owned by Textile Mills Corp.

WEST POINT, p. 4,864; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 wag. & ladders, 2 hose carts, 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp.; tot. mem., 15.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to res.; res. cap., 450,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 5½ m., 6 to 10 in. dia.; 54 hyd.; met., 7; 150 serv.; pres., dom. 60 lbs., f. 150 lbs.; cost, \$45,000; cost mtce., \$6,000; wks. owned by town.

WINONA, p. 2,512; merc. bldgs., bk. & stn. F. dept.—2 c. eng., 3 hose car.; hose, rub., gd., 1,500 ft.; f. al., wh.; tot. mem., 40 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 132,000 gals.; pump. cap. day, 750,000 gals.; pres., dom. 60 lbs., f. 100 lbs.; 65 hyd.

WOODVILLE, p. 1,283. F. dept. not reported. **Water Supply**—Src., well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; dim., 18 x 25; mat., stl.; res. cap., 60,000 gals.; 1 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. i., 1½ m., 4 to 8 in. dia.; 20 hyd.; 29 v.; met., 100; 110 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 125 lbs.; cons. day, 20,000 gals.; cost, \$39,000; cost mtce., \$4,000; wks. owned by city.

YAZOO CITY, p. 6,796; f. area, 1,800 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 6 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose car., 7 hrs.; hose, cot., rub. lined, gd., 4,800 ft.; f. al., elec., 20 bx.; val. equip., \$19,000; val. bldgs., \$10,000; tot. mem. 10, pd. full time.

Water Supply—Src., wells, 1,000 ft. bus. cent.; sys., pump to res.; res. cap., 2,200,000 gals., loc. ¼ m. bus. cent.; 2 pump. eng., class horizontal dup., cap. day 3,000,000 gals.; mains, c. i., 15 m., 6 to 12 in. dia.; 166 hyd.; 104 v.; met., 700; 1,250 serv.; pipe, galv. i.; pres., dom. 100 to 120 lbs., f. 100 to 120 lbs.; cons. day, 500,000 gals.; cost, \$225,000; cost mtce., \$18,000; wks. owned by city.

Places with a population of 1,000 or more having no organized fire dept.—Boneville, Como, Durant, Fostoria, Herando, Itta Bena, Iuka, Marquette, Pontotoc, Poplarville, Shelby, Virden.

MISSOURI

ADRIAN, p. 929; f. area, 210 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—11 c. hand ex., 1 h. & 1 trk.; f. al., bell; val. equip., \$500; tot. mem., 18 vol.; undrs. rating, fourth class.

Water Supply—Src., wells & cisterns.

ALBANY, p. 1,922; merc. bldgs., bk. F. dept.—1 hose trk.; hose, 1,500 ft.; f. al., wh. & bell; tot. mem., 15 vol.

Water Supply—Src., res.; sys., pump.

AURORA, p. 4,148; f. area, 40 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 4 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$400; exp. dept., \$100; tot. mem. 27, pd. full time 1, pd. part time 16, vol. 10.

Water Supply—Src., spr., 5 m. bus. cent.; sys., grav. to res.; stdp. cap., 500,000 gals.; dim., 15 x 100; mat., stl.; res. cap., 1,000,000 gals., loc. at riv.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 14 m., 6 to 10 in. dia.; 80 hyd.; 20 v.; met., 200; 1,800 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 150 lbs.; cons. day, 350,000 gals.; cost, \$150,000; cost mtce., \$8,500; wks. owned by Co.

BELTON, p. 1,107; f. area, 160 a. F. dept.—1 c. eng.; f. al., bell; val. equip., \$400; tot. mem., 14 vol.

No water works.

BETHANY, p. 1,981; f. area, 30 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—25 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2

hose car.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., bell & wh.; val. equip., \$700; val. bldgs., \$2,600; exp. dept., \$100; tot. mem., 15 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 84,600 gals.; dim., 12 x 100; mat., stl.; res. cap., 165,000 gals.; 2 pump. eng., class centrif., cap. day, 720,000 gals.; mains, c. i., 7 m., 3 to 8 in. dia.; 99 hyd.; 12 v.; met., 228; 228 serv.; pipe, galv. i.; pres., dom. 50 to 105 lbs., f. 125 lbs.; cost, \$35,000; wks. owned by city.

BEVIER, p. 1,900; merc. bldgs., bk. & wd.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; tot. mem., 13 vol.; undrs. rating, fifth class.

Water Supply—Src., wells.

BOLIVAR, p. 1,975; f. area, 300 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 aer. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 200 ft.; inf., 300 ft.; tot. hose, 1,000 ft.; f. al., bell & wh.; val. equip., \$800; val. bldgs., \$1,000; tot. mem., 14 vol.

Water Supply—Src., spr. & well, ¼ m. bus. cent.; sys., grav. pump to res., to stdp. & dir.; stdp. cap., 58,752 gals.; dim., 10 x 100, loc. 2 blocks west public sq.; mat., stl.; res. cap., 40,000 gals.; 2 pump. eng., class dup., cap. min. 600 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 48 hyd.; 12 v.; met., 8; 250 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 120 lbs.; cons. day, 35,000 gals.; cost, \$20,000; cost mtce., \$800; wks. owned by city.

BONNETERRE, p. 4,252; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.;

fwks. & combt. ord.; causes of f. inv. No org. f. dept.—1 hose car.; undra. rating, fourth class.

Water Supply—Src., riv.; sys., pump dir.; pump. eng., cap. day, 1,500,000 gals.; mains, 10 m., 4 to 10 in. dia.; 57 v.; 360 serv.; 84 hyd.; 113 met.

BOONVILLE, p. 4,252; f. area, 320 a.; bldgs., bk., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,200; exp. dept., \$283; tot. mem., 22 vol.; undra. rating, fourth class.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; stdp. cap., 70,000 gals.; dim., 16 x 24, loc. at station; mat., stl.; res. cap., 6,018,000 gals., loc. $\frac{1}{4}$ m. town; 2 pump. eng., class double acting, cap. day 3,000,000 gals.; mains, c. l., 6 $\frac{1}{2}$ m., 4 to 10 in. dia.; 80 hyd.; 55 v.; met., 22; 360 serv.; pipe, galv. i.; pres., dom. 87 lbs., f. 60 to 80 lbs.; cons. day, 267,090 gals.; cost, \$87,500; cost mtce., \$5,544; wks. owned by city.

BOWLING GREEN, p. 1,585; f. area, 500 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. No f. dept.; undra. rating, third class.

Water Supply—Src., wells & spr., $\frac{1}{4}$ m. bus. cent.; sys., pump to tank; cap., 10,000 gals.; 2 pump. eng., cap. day 20,000 gals.; mains, c. i., 5 m., $\frac{3}{4}$ to 6 in. dia.; 2 met.; 50 serv.; pipe, wrt. i.; pres., dom., 15 lbs.; cons. day, 18,000 gals.; cost, \$20,000; cost mtce., \$100; wks. owned by priv. individual.

BROOKFIELD, p. 5,749; f. area, 1,920 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 $\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 hose wag., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., telp. & elec.; val. equip., \$2,500; val. bldgs., \$1,500; exp. dept., \$1,000; tot. mem., 14, pd. full time 2, vol. 12; undra. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 96,000 gals.; dim., 10 x 12; mat., iron; 4 pump. eng., class elec. & dup., cap. day 825,000 gals.; mains, c. l., 8 m., 4 to 10 in. dia.; 54 hyd.; 16 v.; met., 800; 400 serv.; pipe, lead & iron; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 120,000 gals.; cost, \$37,000; cost mtce., \$1,750; wks. owned by city.

BRUNSWICK, p. 1,606; f. area, 42 blocks. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., wh.; tot. mem., 18 vol.

Water Supply—Src., riv. & wells, 1 block bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 30,000 gals.; dim., 10 x 50; mat., wrt. i.; 2 pump. eng., class dup. & trip., cap. day 800,000 gals.; mains, 1 $\frac{1}{2}$ m., 4 to 8 in. dia.; 13 hyd.; 4 v.; 10 met.; 95 serv.; cons. day, 60,000 gals.; pipe, wrt. i.; pres., dom. 80 lbs., f. 80 to 125 lbs.; cost, \$19,000; cost mtce., \$600; wks. owned by Co.

BURLINGTON JUNCTION, p. 942; f. area, 20 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk.; f. al., bell; vol.; no waterwks.

BUTLER, p. 2,894; f. area, 840 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 5 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 36 vol.

Water Supply—Src., riv., 4 m. bus. cent.; sys., grav. to res., to stdp.; stdp. cap., 115,000 gals.; dim., 14 x 100, loc. in town; mat., stl.; res. cap., 1,000,000 gals., loc. at riv.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 4 to 12 in. dia.; met., 250; 400 serv.; pipe, iron; pres., dom. 40 lbs.; cons. day, 250,000 gals.; wks. owned by Co.

CALIFORNIA, p. 2,154; f. area, 200 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. No org. f. dept.—1 h. & l. trk.; hose, cot., rub. lined, gd., 150 ft.; undra. rating, fourth class.

Water Supply—Src., wells.

CAMERON, p. 2,979; bldgs., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 600 ft.; tot. hose, 2,200 ft.; val. equip., \$3,000; val. bldgs., \$250; exp. dept., \$200; tot. mem., 35 vol.

Water Supply—Src., res., 1 $\frac{1}{2}$ m. bus. cent.; sys., pump to tk.; stdp. cap., 70,000 gals.; res. cap., 135,000,000 gals., loc. northwest city; 2 pump. eng.; mains, c. l., 5 $\frac{1}{2}$ m., 6 to 12 in. dia.; 48 hyd.; 13 v.; 200 met.; 200 serv.; pres., dom. 50 lbs., f. 125 lbs.; cost, \$59,000; cost mtce., \$800; wks. owned by city.

CAMPBELL, p. 1,781; f. area, 1 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—2 hose carts, 1,000 ft. hose; f. al., wh.; vol.

CANTON, p. 2,894; f. area, 900 a.; merc. bldgs., stn., bk. & wd., 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 h. & l. trk., 3 hose car.; hose, 3,500 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$4,000; tot. mem., 81 vol.; undra. rating, fourth class.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 268,000 gals.; mains, c. l., 2 $\frac{1}{2}$ m., 6 in. dia.; 43 hyd.; 8 v.; pres., dom. 70 lbs., f. 70 lbs.; cost, \$13,000; cost mtce., \$350; wks. owned by city.

CAPE GIRARDEAU, p. 8,475; f. area, 12 blocks; merc. bldgs., bk., 1 & 2 stor.; priv., stn., bk. & wd., 1 to 3 stor. F. dept.—1 hose wag., 3 hose carts, 8 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., Gannell; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$3,000; tot. mem., 15 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; 3 pump. eng., class dup., cap. day 4,000,000 gals.; mains, c. i., 12 m., 6 to 10 in. dia.; 123 hyd.; 35 v.; met., 500; 800 serv.; pipe, lead & galv. i.; pres., dom. 60 lbs., f. 60 to 110 lbs.; cons. day, 900,000 gals.; cost, \$150,000; cost mtce., \$8,800; wks. owned by Co.

CARROLLTON, p. 3,452; f. area, 600 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 950 ft.; rub., gd., 950 ft.; tot. hose, 1,900 ft.; f. al., telp.; val. equip., \$3,500; val. bldgs., \$4,000; exp. dept., \$800; tot. mem., 12 vol.; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 101,500 gals.; dim., 12 x 110; 2 pump. eng., class hor. dup., cap. day 2,000,000 gals.; mains, c. i., 8 m., 4 to 12 in. dia.; 76 hyd.; 44 v.; met., 180; 560 serv.; pipe, galv. i.; pres., dom. 86 lbs., f. 140 lbs.; cost, \$60,000; wks. owned by Co.

CARTERVILLE, p. 4,539; f. area, 320 a.; merc. bldgs., iron, bk. & wd., 2 & 3 stor.; priv., wd., bk. & stn., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$4,500; exp. dept., \$150; tot. mem., 38 vol.; undra. rating, fourth class.

Water Supply—Src., spr. & creek, 2 $\frac{1}{4}$ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 135,000 gals.; mat., stl.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 4 $\frac{1}{2}$ m., 4 to 10 in. dia.; 54 hyd.; 9 v.; 316 serv.; pres., dom. 40 lbs., f. 70 lbs.; wks. owned by Co.

CARTHAGE, p. 9,483; f. area, 1,400 sq. ft.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd., 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car., 7 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., telp.; val. equip., \$4,000; val. bldgs., \$3,500; exp. dept., \$4,500; tot. mem., 6, pd. full time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., dir. pres.; res. cap., 1,500,000 gals.; 3 pump. eng., cap. day, 6,000,000 gals.; mains, c. i., 30 m., 4 to 16 in. dia.; 239 hyd.; met., 2,004; 2,004 serv.; 157 v.; pres., dom. 65 lbs., f. 120 lbs.; cons. day, 500,000 gals.; cost, \$220,000; cost mtce., \$3,150; wks. owned by city.

CARUTHERSVILLE, p. 3,655; f. area, 40 a. F. dept.—Ladders & hose wag., 2 hrs.; hose, 2,500 ft.; f. al., telp., bell & wh.; val. equip., \$3,000; val. bldgs., \$600; exp. dept., \$700; tot. mem., 11 vol.

Water Supply—Src., wells; 2 pumps, class dup., cap. day 500,000 gals.; hyd., 26; v., 17; serv., 150; mains, 3 $\frac{1}{2}$ m.; pres., dom. 50 lbs., f. 120 lbs.; cost, \$26,000; cost mtce., \$1,600; wks. owned by city.

CENTRALIA, p. 2,116; f. area, 9 blocks; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$50; exp. dept., \$150; tot. mem., 6 vol. 1.

Water Supply—Src., deep wells, 2 blocks bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 70,000 gals.; dim., 15 x 30 x 125 ft.; mat., stl.; res. cap., 70,000 gals.; 2 pump. eng., class dup. & trip., cap. day 1,152,000 gals.; mains, 7 m., 4 to 10 in. dia.; mat., c. l.; 52 hyd.; pres., dom. 55 to 60 lbs.; f. 125 lbs.; cost, \$48,000; wks. owned by city.

CHARLESTON, p. 3,144; f. area, 700 a.; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose cart, leather buckets; hose, cot., rub. lined, gd., 350 ft.; inf., 150 ft.; tot. hose, 500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,000; tot. mem., 33 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, in bus. cent.; sys., pump dir.; stdp. cap., 30,000 gals.; res. cap., 30,000 gals.; 2 pump. eng.; cap. day, 900,000 gals.; mains, c. l., 7 m., 4 to 6 in. dia.; 30 v.; 1 hyd.; pres., dom. 40 lbs.; cons. day, 100,000 gals.; cost, \$22,000; wks. owned by city.

CHILLICOTHE, p. 6,265; f. area, 1½ m.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., telp.; val. equip., \$5,000; val. bldgs., \$15,000; exp. dept., \$2,500; tot. mem. 11, pd. full time 2, vol. 9.

Water Supply—Src., wells & riv., 8 m. bus. cent.; sys., dir. pres.; res. cap., 1,000,000 gals., loc. at station; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 13 m., 4 to 12 in. dia.; 124 hyd.; met., 300; 780 serv.; pipe, lead & iron; pres., dom. 50 to 70 lbs.; f. 100 lbs.; cons. day, 540,000 gals.; cost, \$125,000; cost mtce., \$7,000; wks. owned by Co.

CLARKSVILLE, p. 918; f. area, 100 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 450 ft.; inf., 600 ft.; tot. hose, 1,050 ft.; val. equip., \$1,800; val. bldgs., \$100; exp. dept., \$50; tot. mem., 15 vol.

Water Supply—Src., wells & cisterns.

CLINTON, p. 4,992; f. area, 1,200 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 comb. hose & ladder, 1 hose cart, 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$6,000; exp. dept., \$1,300; tot. mem., 12, pd. full time 2, vol. 10; undrs. rating, second class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav. to res., pump to stdp. & dir.; stdp. cap., 87,000 gals.; mat., iron; res. cap., 3,000,000 gals.; pump. eng., cap. day 2,800,000 gals.; mains, c. l., 9 m., 4 to 10 in. dia.; 78 hyd.; met., 100; 746 serv.; pipe, galv. l. & lead; pres., dom. 40 lbs.; f. 110 lbs.; cons. day, 500,000 gals.; cost, \$100,000; cost mtce., \$2,100; wks. owned by Co.

COLUMBIA, p. 9,662; f. area, 200 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. limits; fwks. ord.; causes of f. inv. F. dept.—3 c. ex., 2 hose car., 1 hose wag. (University has 2 hose car.); hose, cot., gd., 1,200 ft.; tot. mem., 10 vol.; f. al., telp.; undrs. rating, fourth class.

Water Supply—Src., wells; sys., pump dir.; 3 pump. eng., cap. 2,000,000 gals.; 180 hyd.; mains, 25 m., 3 to 12 in. dia.; 1,000 met.; pres., f. 125 lbs.; cost, \$300,000; cost mtce., \$25,000.

CONCORDIA, p. 931; f. area, 120 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., gd., 1,000 ft.; val. equip., \$2,500; val. bldgs., \$250; exp. dept., \$150; tot. mem. 22, pd. part time; f. al., bell.

Water Supply—Src., well, 1 block bus. cent.; sys., pump to tk.; stdp. cap., 40,000 gals.; dim., 18 x 20; mat., stl. & wd.; pump. eng., cap. day

144,000 gals.; mains, c. l., 4,560 ft., 4 to 6 in. dia.; 13 hyd.; 16 v.; met., 4; pres., dom. 38 lbs.; f. 38 lbs.; cost, \$7,000; cost mtce., \$300; wks. owned by city.

CRYSTAL CITY, p. 1,104; f. area, 250 a.; merc. bldgs., bk., 2 stor.; priv., bk., wd. & conc., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—27 c. hand ex., 1 c. eng., 1 h. & l. trk., 1 comb. c. & h. wag., 1 hose wag., 15 hose reels; hose, cot., rub. lined, gd., 6,800 ft.; f. al., elec., 7 bx.; val. equip., \$8,000; val. bldgs., \$1,000; tot. mem., 36, pd. full time 2, vol. 34.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 500,000 gals.; mat., stl.; res. cap., 2,038,000 gals.; 2 pump. eng., class trip.; cap. day, 2,000,000 gals.; mains, c. l., 7 m., 4 to 8 in. dia.; 27 hyd.; 30 v.; 30 met.; pipe, c. l.; pres., dom. 40 lbs.; f. 120 lbs.; cons. day, 1,000,000 gals.; wks. owned by Pittsburgh Plate Glass Co.

DEEPWATER, p. 1,398; f. area, 240 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. str., 1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 400 ft.; lines, 500 ft.; tot. hose, 900 ft.; f. al., bell; val. equip., \$2,800; val. bldgs., \$100; tot. mem., 30 vol.

Water Supply—Src., wells & cisterns, in bus. cent., cap. 17,000 gals. each.

DE SOTO, p. 7,000; f. area, 960 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; val. equip., \$1,500; exp. dept., \$300; tot. mem. 23, pd. part time.

Water Supply—Src., creek & artesian wells; sys., pump to res. & dir.; 2 pumps, cap. day 2,000,000 gals.; 75 hyd.; 36 v.; 150 serv.; mains, 10 m.; grav. pres., 100 lbs.; cost, \$70,000; wks. owned by city.

DONIPHAN, p. 1,225; f. area, 15 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, rub. gd., 750 ft.; tot. mem., 20 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 44,000 gals.; dim., 12 x 50; mat., stl.; res. cap., 44,000 gals.; 2 pump. eng., cap. day 1,440,000 gals.; mains, 3 m., 4 to 6 in. dia.; pres., dom. 90 lbs.; f. 120 lbs.; cost mtce., \$1,000; wks. owned by city.

DUENWEG, F. dept. not reported.

Water Supply—Src., wells, near bus. cent.; sys., priv.; res. cap., 100 bbls.; 1 pump. eng., class gasoline, cap. day 200 bbls.; mains, c. l., ½ m., 2 to 6 in. d.a.; 10 hyd.; pres., dom. 50 lbs.; cons. day, 1,000 gals.; cost, \$1,500.

EDINA, p. 1,562; bldgs., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 15 c. hand ex., 1 hose cart, 1 hose car.; hose, cot., rub. lined, gd., 300 ft.; rub. gd., 300 ft.; tot. hose, 600 ft.; f. al., bell; val. equip., \$1,450; val. bldgs., \$150; exp. dept., \$90; tot. mem., 30 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 75,000 gals.; mains, 4 m.; 3 hyd.; cost, \$5,000; wks. owned by city.

ELDORADO SPRINGS, p. 2,503; f. area, 25 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand hose cart, 1 hand eng., 1 c. eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 800 ft.; inf., 50 ft.; tot. hose, 850 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$75; tot. mem. 11, pd. full time; undrs. rating, fourth class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals.; dim., 22 x 30; mat., stl.; 1 pump. eng., cap. hour 7,500 gals.; mains, c. l., 1½ m., 6 to 10 in. dia.; 20 hyd.; 6 v.; met., 130; 200 serv.; pipe, galv. l.; pres., dom. 60 lbs.; f. 60 to 120 lbs.; cons. day, 40,000 gals.; cost, \$14,000; cost mtce., \$1,200; wks. owned by city.

EXCELSIOR SPRINGS, p. 3,900; f. area, 640 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 12 c. hand ex., 1 h. &

1. trk., 1 comb. c. eng. & hose wag., 1 supply wag., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$200; tot. mem., 16 vol.

Water Supply—Src., Mo. Riv. Sands, 7 m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; res. cap., 2,000,000 gals.; loc. on hill; 2 pump. eng., cap. day, 2,000,000 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 65 hyd.; 7 v.; met., 662; 183 serv.; pipe, galv. i.; pres., dom. & f. 60 lbs.; cons. day, 400,000 gals.; cost, \$220,000; cost mtce., \$20,000; wks. owned by Co.

FARMINGTON, p. 2,613; f. area, 300 a.; merc. bldgs., bk., 1 & 2 stor.; wd. rfs. not perm. in f. area. F. dept.—2 hand eng., 4 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 600 ft.; tot. hose, 1,800 ft.; f. al., bell & wh.; val. equip., \$2,000; exp. dept., \$150; tot. mem., 25.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 70,000 gals.; 1 pump. eng.; mains, 3½ m., 4 in. dia.; 31 hyd.; pres., dom. 70 lbs., f. 150 lbs.; cost, \$28,000; wks. owned by city.

FAYETTE, p. 2,586. F. dept.—1 h. & l. trk., 5 hose reels, 3,000 ft. hose; val. equip., \$1,500; exp. dept., \$200; tot. mem. 30, pd. part time.

Water Supply—Src., artificial lake, 1 m. bus. cent.; sys., grav.; 2 pump. eng., cap. day 720,000 gals.; 86 hyd.; pres., dom. 75 lbs., f. 125 lbs.; cost, \$60,000; cost mtce., \$1,000; wks. owned by city.

FESTUS, p. 2,556; f. area, 100 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 c. eng., 1 hand eng., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; tot. mem. 50, vol. 25.

Water Supply—Src., wells & cisterns.

FULTON, p. 5,228; f. area, 640 a.; merc. bldgs., bk., stn. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 5 c. hand ex., 1 h. & l. trk., 49 f. plugs, 3 hose car.; hose, cot., rub. lined, gd., 1,450 ft.; rub. gd., 450 ft.; inf., 650 ft.; tot. hose, 2,450 ft.; f. al., wh. & bell; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$400; tot. mem. 14, pd. part time.

Water Supply—Src., wells, northeast bus. cent.; sys., pump to res. & stdp.; stdp. cap., 88,400 gals.; dim., 15 x 17; mat., stl.; res. cap., 182,000 gals.; pump. eng., cap. day 360,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 62 hyd.; met., 225; 500 serv.; pipe, wrt. i.; pres., dom. 60 lbs., f. 150 lbs.; cons. day, 120,000 gals.; cost, \$36,000; cost mtce., \$3,000; wks. owned by city.

GALLATIN, p. 1,825; f. area, 240 a.; merc. bldgs., bk. & wd.; causes of f. not inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., bell; tot. mem. 12, pd. full time 1, vol. 11.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 40,000 gals.; mat., bk. & iron; 2 pump. eng., cap. day 500,000 gals.; mains, c. i., 4 to 8 in. dia.; 50 hyd.; 100 serv.; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 80,000 gals.; cost, \$60,000; cost mtce., \$2,000; wks. owned by city.

GLASGOW, p. 1,507; f. area, 80 a.; merc. bldgs., bk., 1 to 6 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell, wh., elec. & telp.; val. equip., \$800; val. bldgs., \$200; exp. dept., \$200; tot. mem., 23 vol.

Water Supply—Src., riv., in bus. cent.; sys., grav.; stdp. cap., 40,000 gals.; dim., 14 x 35; mat., stl.; res. cap., 140,000 gals.; 3 pump. eng.; cap. day, 500,000 gals.; mains, c. i., 2 m., 4 to 8 in. dia.; 130 hyd.; 130 serv.; 110 met.; 16 v.; pipe, iron; pres., dom. 82 lbs., f. 110 to 140 lbs.; cons. day, 50,000 gals.; cost, \$10,000; cost mtce., \$800; wks. owned by city.

GRANBY, p. 2,442. No org. f. dept.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; 1 pump. eng.; cap. day, 240,000 gals.; mains, c. i., 3 m.; 15 hyd.; 9 v.; cost, \$18,000; wks. owned by city.

GRANT CITY, p. 1,207; bldgs., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,050 ft.; val. equip., \$1,200;

tot. mem., 25, pd. part time 2, vol. 23; undra. rating, third class.

Water Supply—Src., well & res., ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 45,000 gals.; dim. 18 x 22, loc. in City Hall sq., mat. wd. & stl.; 1 pump. eng., cap. day 20,000 gals.; mains, c. i., 3 1-8 m.; 18 hyd.; 2 v.; met., 4; 3 serv.; pipe, c. i.; pres., dom. 45 lbs., f. 85 lbs.; cons. day, 5,000 gals.; cost, \$10,000; cost mtce., \$180; wks. owned by city.

GREENFIELD, p. 1,434; f. area, 10 a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex.; hose, rub., gd., 200 ft.; f. al., bell; vol. No waterwks.

HAMILTON, p. 2,000; merc. bldgs., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 comb. c. & h. wag., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell & telp.; val. equip., \$2,400; val. bldgs., \$5,000; tot. mem., 35 vol.; undra. rating, fourth class. No water supply.

HANNIBAL, p. 18,341; f. area, 2,080 a.; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—10 c. hand ex., 1 comb. h. & l. trk., 1 comb. hose wag., 2 hose reels (1 in reserve), 8 hrs.; hose, cot., rub. lined, gd., 3,550 ft. (1,400 ft. in reserve); f. al., telp. & bell; val. equip., \$14,000; val. bldgs., \$7,000; exp. dept., \$2,750; tot. mem., 12, pd. full time 9, pd. part time 3.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 18,000,000 gals.; 3 pump. eng., cap. day 8,000,000 gals.; mains, c. i., 23.32 m., 4 to 14 in. dia.; 117 hyd.; 175 v.; met., 140; 2,777 serv.; pipe, lead; pres., dom. 25 to 95 lbs., f. 95 lbs.; cost, \$410,000; cost mtce., \$19,000; wks. owned by Co.

HARRISONVILLE, p. 1,947; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 200 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$1,300; exp. dept., \$100; tot. mem., 14 vol.; undra. rating, fourth class.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; dim., 17 x 36; mat., conc.; 1 pump. eng.; cap. day, 564,480 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 17 hyd.; 20 v.; 74 met.; 156 serv.; pipe, c. i.; pres., dom. 30 lbs.; cons. day, 40,000 gals.; cost, \$40,000; cost mtce., \$2,600; wks. owned by private Corp.

HERMANN, p. 1,592; f. area, 681.59 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hand eng., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 200 ft.; rub. gd., 500 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., bell & wh.; exp. dept., \$25; tot. mem., 60 vol.

Water Supply—Src., riv. & 6 large cisterns; cap., 200,000 gals.

HERMANSVILLE, p. 1,200. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$150; tot. mem., 18, pd. part time.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump; 1 pump. eng.; cost, \$12,000; cost mtce., \$800; wks. owned by city.

HIGGINSVILLE, p. 2,628; f. area, 350 a.; merc. bldgs., wd., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 300 ft.; tot. hose, 2,100 ft.; f. al., wh.; exp. dept., \$100; tot. mem., 20 vol.

Water Supply—Src., deep wells, ¼ m. bus. cent.; sys., dir. pres.; res. cap., 100,000 gals.; 1 pump. eng., class comp. dup., cap. day 750,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 36 hyd.; 10 v.; met., 85; 183 serv.; pipe, c. i.; pres., dom. 50 lbs., f. 125 lbs.; cons. day, 33,000 gals.; cost, \$15,000; cost mtce., \$600; wks. owned by city.

HIGHBEE, p. 1,215; f. area, 160 a. F. dept.—2 c. eng.; hose, 100 ft.; val. equip., \$1,200; val. bldgs., \$4,000; exp. dept., \$100; tot. mem., 25, pd. part time.

Water Supply—Src, well; sys. pump. dir.; 3 pumps; cap. day, 864,000 gals.; wks. owned by town.

HOLDEN, p. 2,007; f. area, 640 a.; merc. bldgs., stn. bk. & wd., 1 & 2 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 2 hose car.; hose, 2,000 ft.; f. al., bell, wh. & elec.; val. equip., \$2,500; val. bldgs., \$3,000; exp. dept., \$100; tot. mem., 40 vol.

Water Supply—Src., lake, 2 m. bus. cent.; sys. pump to stdp.; stdp. cap., 100,000 gals.; dim., 10 x 127; res. cap., 300,000 gals.; 3 pump. eng., class. dup. & trip.; cap. day, 1,080,000 gals.; mains, 7 m., 4 to 6 in. dia.; 56 hyd.; 24 v.; met., 12; 176 serv.; pipe, iron; pres., dom. & f. 60 to 65 lbs.; cons. day, 75,000 gals.; cost, \$30,000; cost mtce., \$2,000; wks. owned by city.

HUMANSVILLE, p. 1,200; f. area, 360 a. F. dept.—1 gas. eng., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$150; exp. dept., \$120; tot. mem., 18, pd. part time.

Water Supply—Src., spring, 1 m. bus. cent.; sys. pump. dir.; 1 pump. eng.; cap. day, 15,000 gals.; 32 hyd.; pres., dom. 50 lbs.; f. 65 lbs.; cost, \$12,000; wks. owned by city.

HUNTSVILLE, p. 2,247; f. area, 640 a.; merc. bldgs., bk. & iron, 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 8 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car., 2 hrs., hired; hose, cot., rub. lined, gd., 250 ft.; rub. gd., 45 ft.; tot. hose, 295 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$65; exp. dept., \$45; tot. mem., 26 vol.; undra. rating, fourth class.

Water Supply—Src., wells, 3 blocks bus. cent.; sys. pump to stdp.; stdp. cap., 75,000 gals.; dim., 20 x 33; mat., stl.; 1 pump. eng.; cap. day, 144,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 30 hyd.; 41 met.; pres., dom. 40 to 80 lbs.; f. 70 lbs.; cons. day, 2,000 gals.; cost, \$30,000; cost mtce., \$1,500; wks. owned by city.

INDEPENDENCE, p. 9,859; f. area, 640 a.; merc. bldgs., bk., 2 & 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 comb. c. & h. wag., 1 hose wag., 1 h. & l. trk., 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., telp.; val. equip., \$4,000; val. bldgs., \$3,500; exp. dept., \$7,852; tot. mem., 9, pd. full time 3, pd. part time 6; undra. rating, third class.

Water Supply—Src., r.v., 3 m. bus. cent.; sys. pump to res. & stdp.; stdp. cap., 250,000 gals.; dim., 18 x 120, mat. stl.; res. cap., 5,000,000 gals.; 7 pump. eng.; cap. day, 7,000,000 gals.; mains, c. i., 25 m., 4 to 16 in. dia.; 137 hyd.; 125 v.; met., 1,500; 2,000 serv.; pipe, iron & lead; pres., dom. 60 lbs.; f. 120 lbs.; cons. day, 900,000 gals.; cost, \$375,000; wks. owned by Co.

JACKSON, p. 2,105; f. area, 20 a. F. dept.—1 h. & l. trk., 2 hose car.; hose, 1,300 ft.; val. equip., \$1,200; tot. mem., 17 vol.

Water Supply—Src., deep wells; sys., 2 pumps, cap. day 75,000 gals.; res. cap., 75,000 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 40 hyd.; cost, \$50,000; cost mtce., \$6,000; wks. owned by city.

JAMESPORT, p. 611; f. area, 10½ a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 1½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. eng., 1 h. & l. trk., 200 ft. hose; f. al., bell; val. equip., \$800; exp. dept., \$50; tot. mem., 16 vol.

Water Supply—Src., wells.

JEFFERSON CITY, p. 11,850; f. area, 960 a.; merc. bldgs., bk., 2 & 4 stor.; priv., bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 auto. comb. h. & l. trk. & c. eng., 1 h. & l. trk., 1 hose wag., 4 hose car., 2 hrs.; hose, rub., gd., 4,600 ft.; f. al., telp.; val. equip., \$8,000; val. bldgs., \$8,000; exp. dept., \$4,000; tot. mem., 45, pd. full time 5, vol. 40; undra. rating, fourth class.

Water Supply—Src., riv., ¼ m. bus. cent.; sys. pump to res. & dir.; stdp. cap., 300,000 gals.; dim., 20 x 125, mat. stl.; 4 pump. eng., class. comp. dup., cap. day 5,000,000 gals.; mains, c. i., 20 m., 4 to 14 in. dia.; 150 hyd.; 84 v.; met., 304; 905 serv.; pipe, lead & galv. i.; pres., dom.

65 to 75 lbs., f. 105 to 150 lbs.; cons. day, 1,000,000 gals.; cost, \$290,000; wks. owned by Co.

JOPLIN, p. 32,073; f. area, 19 sq. m.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 12 c. hand ex., 1 h. & l. trk., 2 auto. hose wag. (1 in reserve), 1 aer. trk., 1 comb. c. & h. wag., 1 c. eng., 1 chief's wag., 3 hrs.; hose, cot., rub. lined, gd., 9,236 ft.; f. al., elec., 45 bx.; val. equip. & bldgs., \$50,000; exp. dept., \$23,598; tot. mem., 18, pd. full time.

Water Supply—Src., creek, 3½ m. bus. cent.; sys. pump to res.; res. cap., 3,000,000 gals.; stdp. cap., 112,000 gals.; 10 pump. eng., class comp. dup., cap. day 27,500,000 gals.; mains, c. i., 49.89 m., 4 to 16 in. dia.; 326 hyd.; 324 v.; met., 590; 8,947 serv.; pipe, lead & wrt. i.; pres., dom. 30 to 60 lbs.; f. 90 to 100 lbs.; cost, \$124,000; cost mtce., \$13,690.59; wks. owned by Co.

KAHAKA, p. 1,758; f. area, 100 a.; bldgs., bk. & wd., 1 & 2 stor. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose wag.; hose, rub., gd., 1,200 ft.; f. al., elec.; val. equip., \$10,000; val. bldgs., \$50; tot. mem., 12 vol.; undra. rating, fourth class.

Water Supply—Src., well, ½ block bus. cent.; sys. pump to res. & dir.; stdp. cap., 75,000 gals.; mat. bk. & cem.; pump. eng., cap. day 750,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 26 hyd.; met., 20; 50 serv.; pipe, galv. i.; pres., dom. 20 to 40 lbs.; f. 65 to 90 lbs.; cons. day, 5,000 gals.; cost, \$23,000; cost mtce., \$1,000; wks. owned by city.

KANSAS CITY, p. 248,381; f. area, 60 sq. m.; merc. bldgs., bk. & stn., 2 to 15 stor.; priv., bk., stn. & wd., 1 to 8 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—12 str., 1 c. eng., 5 h. & l. trk., 94 c. hand ex., 2 water towers, 4 aer. trk., 3 supply wag., 18 hose wag., 6 hose car., 3 comb. c. & h. wag., 1 turret wag., 1 fuel wag., 1 trip. auto. trk., pump, c. & h. wag., 1 comb. auto. c. & h. trk., 2 chief's auto., 1 supt. f. al. auto., 7 asst. chief's buggies, 120 hrs.; hose, cot., rub. lined, gd., 53,300 ft.; inf., 2,800 ft.; tot. hose, 56,100 ft.; f. al., 200 bx.; val. equip., \$185,000; val. bldgs., \$527,356; exp. dept., \$425,000; tot. mem., 356, pd. full time.

Water Supply—Src., Missouri riv., 4 m. bus. cent.; sys. pump dir.; res. cap., 115,000,000 gals.; 18 pump. eng., cap. day, 250,000,000 gals.; class. centrif. & trip. expansion; mains, c. i., 479½ m., 4 to 48 in. dia.; 6,080 hyd.; 5,302 v.; met., 22,340; 47,975 serv.; pipe, galv. i.; pres., dom. & f. 145 lbs.; cons. day, 32,388,000 gals.; cost, \$8,974,642; cost mtce., \$619,650; wks. owned by city.

KING CITY, p. 966; f. area, 10 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 12 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 600 ft.; inf., 600 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$750; val. bldgs., \$800; exp. dept., \$50; tot. mem., 12, pd. part time.

Water Supply—Src., wells & cisterns.

KIRKSVILLE, p. 6,847; f. area, 1 m.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., wh.; val. equip., \$3,500; exp. dept., \$700; tot. mem., 9 vol.

Water Supply—Src., riv., 7 m. bus. cent.; sys. pump dir.; res. cap., 11,000,000 gals.; 3 pump. eng., class. dup., cap. day 1,750,000 gals.; mains, stl., 16 m., 4 to 7 in. dia.; 72 hyd.; 100 v.; met., 750; 750 serv.; pipe, galv. stl.; pres., dom. 40 lbs.; f. 120 lbs.; cons. day, 350,000 gals.; cost, \$60,000; cost mtce., \$16,000; wks. owned by city.

KIRKWOOD, p. 4,171; f. area, 1,070 a.; merc. bldgs., bk. & wd., 3 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & telp.; val. equip., \$1,700; exp. dept., \$1,000; tot. mem., 21 vol.

Water Supply—Src., riv., 6 m. bus. cent.; sys.

pump to stdp.; stdp. cap., 258,000 gals.; mains, 8½ m.; 75 hyd.; 586 serv.; pres., dom. & f., 45 lbs.; cons. day, 180,000 gals.; wks. owned by Co.

LA GRANGE, p. 1,360; f. area, 500 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 h. & 1 trk.; f. al., bell; val. equip., \$500; val. bldgs., \$1,000; tot. mem., 10 vol.

Water Supply—Src., riv. & wells.

LAMAR, p. 2,816; f. area, 800 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; rub. gd., 400 ft.; inf., 500 ft.; tot. hose, 2,100 ft.; f. al., bell & telp.; val. equip., \$3,000; val. bldgs., \$300; tot. mem., 15 vol.

Water Supply—Src., spring & riv. 2½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 150,000 gals.; dim., 14 x 125; mat., stl.; res. cap., 600,000 gals.; 4 pump. eng., cap. day, 4,000,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 65 hyd.; 34 v.; met., 175; 250 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 70 to 110 lbs.; cons. day, 80,000 gals.; cost, \$70,000; wks. owned by city.

LATHROP, p. 1,038; f. area, 20 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & 1 trk.; f. al., bell; val. equip., \$250; val. bldgs., \$100; exp. dept., \$125; tot. mem., 15 vol.

Water Supply—Src., wells.

LEBANON, p. 2,430; f. area, 12 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., stn., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$2,125; exp. dept., \$280; tot. mem., 18 vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 85,000 gals.; dim. 12 x 110; pump. eng., cap. day 200,000 gals.; mains, ¾ m., 8 in. dia.; 19 hyd.; 4 v.; met., 25; pres., dom. 40 to 45 lbs., f. 45 lbs.; cons. day 95,000 gals.; cost, \$25,000; wks. owned by city.

LEES SUMMIT, p. 1,455; f. area, 300 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 25 to 30 ft. high; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 gasoline str., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$1,850; val. bldgs., \$260; exp. dept., \$200; tot. mem., 16 vol.

Water Supply—Src., wells & cistern, in bus. cent.; gasoline pump. eng.; wks. owned by city.

LEXINGTON, p. 5,242; f. area, 8 m.; merc. bldgs., stn., bk. & wd., 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 1,800 ft.; inf., 300 ft.; tot. hose, 2,600 ft.; f. al., bell & telp.; val. equip., \$3,000; val. bldgs., \$1,500; exp. dept., \$5,000; tot. mem., 10, pd. full time 2, pd. part time 8.

Water Supply—Src., riv., 2 m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 350,000 gals.; mat., iron; res. cap., 5,000,000 gals.; loc. ¾ m. town; 2 pump. eng., cap. day, 3,000,000 gals.; mains, c. l., 25 m., 4 to 14 in. dia.; 79 hyd.; 98 v.; met., 32; 1,050 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 120 lbs.; cons. day, 900,000 gals.; cost, \$200,000; cost mtce., \$17,500; wks. owned by Co.

LIBERTY, p. 2,980; f. area, 810 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag. & ladders, 1 hand reel, 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 250 ft.; tot. hose, 1,250 ft.; f. al., telp. & wh.; val. equip., \$1,500; exp. dept., \$381; tot. mem., 16 vol.

Water Supply—Src., riv., 3½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; mat., stl.; res. cap., 60,000 gals.; 4 pump. eng.; class, comp. dup.; cap. day, 2,880,000 gals.; mains, c. l., 9½ m., 4 to 8 in. dia.; 78 hyd.; 630 met.; 680 serv.; pres., dom. 85 lbs., f. 90 to 130 lbs.; cons. day, 250,000 gals.; cost, \$75,000; cost mtce., \$6,000; wks. owned by city.

LOUISIANA, p. 4,454; f. area, 22 a.; merc. bldgs., bk. & stn., 2 & 4 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—4 c. hand ex., 1 h. & 1 trk., 1 hose car., 3 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 400 ft.; tot. hose, 1,400 ft.; f. al., elec., 2 bx.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$1,800; tot. mem., 10, pd. part time; undra. rating, third class.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump dir.; 3 pump. eng., cap. day 2,250,000 gals.; mains, c. l., 6 m., 4 to 12 in. dia.; 66 hyd.; met., 50; 675 serv.; pres., dom. 120 lbs., f. 120 lbs.; wks. owned by Co.

MACON, p. 3,584; f. area, 17 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; combt. ord. F. dept.—1 str., 16 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 400 ft.; tot. hose, 1,700 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$2,500; exp. dept., \$255; tot. mem., 9, pd. full time 2, vol. 7.

Water Supply—Src., East Fork, 2 m. bus. cent.; sys., pump dir. & pump to stdp.; stdp. cap., 100,000 gals.; res. cap., 150,000 gals.; 2 pump. eng. class dup., cap. day 1,500,000 gals.; mains, c. l., 7 m., 2 to 10 in. dia.; 45 hyd.; 16 v.; met., 300; 462 serv.; pipe, c. l.; pres., dom. 50 lbs., f. 100 lbs.; cons. day 350,000 gals.; cost, \$50,000; cost mtce., \$600; wks. owned by city.

MAIDEN, p. 2,500; f. area, 100 a. F. dept.—1 hose wag., 1 hr.; hose, cot., rub. lined, gd.: 1,000 ft.; f. al., bell & wh.; val. equip., \$1,250; exp. dept., \$100; tot. mem., 14 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump; 2 pump. eng., cap. hour 80,000 gals.; mains, 5 m.; 54 hyd.; pres., f. 70 lbs.; cost, \$25,000; wks. owned by city.

MARCELINE, p. 3,920; f. area, 350 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp. & wh.; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$400; tot. mem., 26 vol.

Water Supply—Src., large res., 1½ m. bus. cent.; sys., pump to stdp.; 29 hyd.

MARIONVILLE, p. 1,400. F. dept.—1 h. & 1 trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,400; val. bldgs., \$300; exp. dept., \$60; tot. mem., 12, pd. full time 7, vol. 11.

Water Supply—Src., well & spr., 1 m. bus. cent.; sys., pump; 4 pump. eng., cap. hour 60,000 gals.; mains, 2½ m.; 12 hyd.; pres., dom. 45 lbs., f. 100 lbs.; wks. owned by priv. Co.

MARSHALL, p. 4,869; f. area, 1,120 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 1 comb. c. & h. wag., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,700 ft.; f. al., elec., bell; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$1,000; tot. mem., 5, pd. part time.

Water Supply—Src., well, ¾ m. bus. cent.; sys., pump to res. & to mains; res. cap., 640,000 gals.; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, c. l., 15 m., 6 to 12 in. dia.; 140 hyd.; 15 v.; met., 12; 750 serv.; pipe, wrt. i.; pres., dom. 75 lbs., f. 140 lbs.; cons. day, 300,000 gals.; cost, \$65,000; cost mtce., \$3,500; wks. owned by city.

MARSHFIELD, p. 1,193; f. area, 300 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—Ladders & buckets; f. al., wh.; tot. mem., 60 vol. No waterwks.

MARYVILLE, p. 4,762; f. area, 2,560 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 2 hose wag., 1 hose reel, 2 hrs.; hose, rub., gd., 2,400 ft.; inf., 700 ft.; tot. hose, 3,100 ft.; f. al., telp.; val. equip., \$6,000; val. bldgs., \$3,000; exp. dept., \$2,000; tot. mem., 8, pd. full time 1, pd. part time 7; undra. rating, fourth class.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., grav. & pump to stdp. dir.; stdp. cap., 120,360 gals., dim. 18½ x 60, mat. stl.; res. cap., 20,000,000 gals.; 2 pump. eng., cap. day 1,500,000

gals.; mains, c. i., 9% m., 4 to 10 in. dia.; 66 hyd.; met., 622; 700 serv.; pipe, lead & galv. i.; pres., dom. 60 lbs., f. 120 lbs.; consa. day, 287,671 gals.; cost, \$140,000; cost mtce., \$3,000; wks. owned by Co.

MAYSVILLE, p. 1,051; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 80 c. hand ex., 1 h. & 1 trk., 1 hose car.; 900 ft. hose; f. al., bell; tot. mem., vol.

Water Supply—Src., tank; sys., gasoline eng.; 4 hyd.; mains, 4 to 6 in. dia.

MEMPHIS, p. 1,984; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 h. & 1 trks., 2 hose reels, 2 hose wag., buckets; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$1,500; tot. mem., 20 vol.

Water Supply—Src., wells & creek, ¼ m. bus. cent.; sys., grav. & pump dir.; stdp. cap., 58,000 gals., dim. 20 x 24, mat. iron & wd.; 1 pump. eng., class dup., cap. day 432,000 gals.; mains, c. i., 1% m., 4 to 8 in. dia.; 23 hyd.; 75 serv.; pipe, lead; pres., dom. 40 lbs., f. 140 lbs.; consa. day, 13,000 gals.; cost, \$17,000; cost mtce., \$600; wks. owned by city & Co.

MERAMEC HIGHLANDS, p. 110; f. area, 120 a.; merc. bldgs., stn. & wd., 2 stor. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 800 ft.; vol.

Water Supply—Src., riv., sys., pump to stdp.; stdp. cap., 30,000 gals., mat. wd.; pump. eng., cap. day 500,000 gals.; mains, 3 m., 4 to 12 in. dia.; 8 hyd.; 8 v.; pipe, galv. i.; pres., dom. 80 lbs., f. 175 lbs.

MEXICO, p. 5,939; f. area, 1,250 a.; bldgs., bk. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 4 c. hand ex.; hose, cot., rub. lined, gd., 1,700 ft.; inf., 500 ft.; tot. hose, 2,200 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$7,000; exp. dept., \$1,500; tot. mem., 8, pd. part time 1, 7 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump dir.; res. cap., 50,000,000 gals., loc. 1 m. south; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 11 m., 6 to 10 in. dia.; 78 hyd.; 100 v.; met., 80; 400 serv.; pipe, lead & iron; pres., dom. 50 lbs., f. 100 lbs.; consa. day, 250,000 gals.; cost, \$60,000; cost mtce., \$4,500; wks. owned by Co.

MILAN, p. 2,191; f. area, 640 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 500 ft.; inf., 250 ft.; tot. hose, 750 ft.; f. al., bell; val. equip., \$600; exp. dept., \$200; tot. mem., 12 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res.; res. cap., 200,000 gals.; 1 pump. eng.; cap. day, 200,000 gals.; mains, iron, 3 ½ m., 4 to 8 in. dia.; 27 hyd.; 100 met.; pres., dom. 45 to 95 lbs., f. 95 lbs.; consa. day, 90,000 gals.; cost, \$25,000; wks. owned by city.

MOBERLY, p. 10,928; f. area, 640 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. ex., 1 hose wag., ladders, &c., 2 hrs.; hose, rub., gd., 2,250 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$1,000; tot. mem., 8 vol.; undra. rating, third class.

Water Supply—Src., wells & res., 1 ¼ m. bus. cent.; sys., pump dir.; res. cap., 100,000,000 gals., loc. 1 ¼ m. city; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 13 1-3 m., 4 to 14 in. dia.; 93 hyd.; 107 v.; met., 1,130; 1,235 serv.; pipe, lead & galv. i.; pres., dom. 50 lbs., f. 120 lbs.; consa. day, 200,000 gals.; cost, \$85,000; cost mtce., \$6,000; wks. owned by city.

MONETT, p. 4,177; bldgs., bk. conc. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hand hose carts, 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 600 ft.; tot. hose, 1,600 ft.; f. al., bell & telp.; val. equip., \$1,500; val. bldgs., \$5,000; exp. dept., \$2,000; tot. mem., 12, pd. full time 1, vol. 11; undra. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 63,000 gals., dim.

20 x 50, mat. masonry & stl.; res. cap., 63,000 gals.; 3 pump. eng., cap. day 6,000,000 gals.; mains, c. i., 5 3-5 m., 2 to 10 in. dia.; 40 hyd.; met., 810; 750 serv.; pres., dom. 65 lbs., f. 65 lbs.; cost, \$22,250; cost mtce., \$4,000; wks. owned by city.

MONROE CITY, p. 1,949; f. area, 640 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 gasoline str., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 700 ft.; inf., 400 ft.; tot. hose, 1,100 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$50; tot. mem., 18 vol.

Water Supply—Wells & cisterna.

MONTGOMERY CITY, p. 1,789; f. area, 300 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$200; mem. pd. part time; undra. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 116,000 gals.; dim., 14 x 100, loc. in public sq.; mat., iron; 2 pump. eng.; cap. day, 72,000 gals.; mains, c. i., 3 m., 4 to 6 in. dia.; 35 hyd.; 2 v.; met., 70; 12 serv.; pipe, wrt. i.; pres., dom. 45 lbs., f. 45 lbs.; consa. day, 30,000 gals.; cost, \$20,000; cost mtce., \$1,200; wks. owned by city.

MOREHOUSE, p. 1,636; f. area, 40 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—2 hose carts, 1,000 ft. hose; wh. alarm; vol.

Water Supply—Priv. wks., owned by Himmelberger Harrison Lumber Co.

MOUND CITY, p. 1,575; f. area, 40 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$1,000; exp. dept., \$25; tot. mem., 15 vol.

Water Supply—Src., wells, 1-5 m. bus. cent.; sys., grav.; stdp. cap., 125,000 gals.; dim., 32 x 24; 2 pump. eng.; cap. day, 350,000 gals.; mains, 5 m., 4 to 8 in. dia.; 20 hyd.; 16 v.; met., 12; pres., dom. & f. 40 to 95 lbs.; consa. day, 50,000 gals.; cost \$22,500; wks. owned by city.

MT. VERNON, Lawrence Co., p. 1,161; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,200 ft.; inf., 600 ft.; tot. hose, 1,800 ft.; f. al., bell & elec.; val. equip., \$1,500; val. bldgs., \$1,200; exp. dept., \$25; tot. mem., 82 vol.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., grav.; stdp. No. 1 cap., 75,000 gals., dim. 12 x 25, mat. wd.; stdp. No. 2 cap., 53,000 gals., mat. stl.; 2 pump. eng., class dup., cap. day 300,000 gals.; mains, c. i., 4 to 8 in. dia.; 250 hyd.; pres., dom. 75 lbs., f. 100 lbs.; cost, \$16,000; wks. owned by city.

NEOSHO, p. 3,661; f. area, 1,800 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 c. hand ex., 2 hose reels, 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 400 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$400; exp. dept., \$600; tot. mem., 70, pd. full time 1, vol. 19.

Water Supply—Src., spr., 7 m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; 1 pump. eng., cap. day 5,760,000 gals.; mains, 8 m., 4 to 10 in. dia.; 85 hyd.; 40 v.; met., 15; 400 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 90 to 100 lbs.; cost, \$50,000; cost mtce., \$500; wks. owned by city.

NEVADA, p. 7,176; f. area, 1,200 a.; merc. bldgs., bk., stn., iron & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 hand ex., 1 h. & 1 trk., 1 hose cart, 3 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$4,000; exp. dept., \$5,000; tot. mem., 6, pd. full time 4, pd. part time 2; undra. rating, third class.

Water Supply—Src. wells; sys. pump & dir.; res. cap., 2,225,000 gals.; 4 pump. eng., cap. day 4,500,000 gals.; mains, 28 m., 4 to 10 in. dia.; 96 hyd.; met., 100; 873 serv.; pipe, lead; pres., dom. 80 lbs., f. 180 lbs.; cons. day, 700,000 gals.; cost, \$275,000; wks. owned by Co.

NEW FRANKLIN, p. 794; f. area, 80 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 2 hose carts, 500 ft. hose; bell al.; val. equip., \$800; val. bldgs., \$500; tot. mem., 20 vol.

Water Supply—Src. well, in bus. cent.; sys. pump dir.; 1 pump. eng., cap. day 80,000 gals.; mains, iron, 2 m., 4 to 6 in. dia.; 15 hyd.; 12 v.; 53 met.; 70 serv.; pres., dom. & f., 45 lbs.; cons. day, 20,000 gals.; cost, \$14,000; cost mtce., \$1,500; wks. owned by city.

NEW MADRID, p. 1,882. F. dept.—4 hand hose carts; hose, 2,000 ft.

Water Supply—Src. wells; stdp. cap., 50,000 gals.; 2 pump. eng., cap. day, 180,000 gals.; mains, 3 m., 4 to 8 in. dia.; 33 hyd.; pres., dom. & f., 55 lbs.; wks. owned by city.

ODESSA, p. 11,581; f. area, 4 blocks; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 600 ft.; fair, 500 ft.; tot. hose, 1,100 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$600; exp. dept., \$225; tot. mem., 18 vol.; undrs. rating, fifth class.

Water Supply—Src. wells & cisterns, in bus. cent.; sys. pump to res.; res. cap., 9,400 gals.; 5 hyd.

OREGON, p. 1,002; merc. bldgs., stn., bk. & wd. F. dept.—1 h. & 1 trk., 2 hose car.; hose, 900 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src. wells; sys., grav. & pump; res. cap., 686,000 gals.

ORONOGO. F. dept. not reported.

Water Supply—Src., deep well, $\frac{1}{4}$ m. bus. cent.; sys., grav.; stdp. cap., 50,000 gals., dim. 18 x 26, mat. stl.; 2 pump. eng., cap. day 125,000 gals.; mains, iron, 4 m., 4 to 8 in. dia.; 12 hyd.; 18 v.; met., 20; pipe, wrt. i.; pres., dom. & f. 65 lbs.; cons. day, 120,000 gals.; cost, \$19,000; cost mtce., \$1,500; wks. owned by city.

OSCEOLA, p. 1,114; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. perm.; combt. ord. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 400 ft.; tot. mem., vol.; undrs. rating, fourth class.

Water Supply—Src. well, $\frac{1}{4}$ m. bus. cent.; sys. pump to stdp.; stdp. cap., 63,000 gals.; 2 pump. eng., cap. day 480,000 gals.; mains, $2\frac{1}{2}$ m., 4 to 8 in. dia.; 7 hyd.; 102 serv.; cost, \$10,000; cost mtce., \$250; wks. owned by Co.

PACIFIC, p. 1,418; f. area, 2 m.; merc. bldgs., stn., bk. & wd.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & 1 trk., 1 hose car.; f. al., elec.; tot. mem., vol.; undrs. rating, third class.

Water Supply—Src., riv.; sys., dir. pres.; res. cap., 150,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 23 hyd.; 12 v.; 60 met.; 23 serv.; pres., dom. & f., 75 lbs.; wks. owned by city.

PALMYRA, Marion Co., p. 2,168; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 500 ft.; tot. hose, 2,300 ft.; f. al., bell; val. bldgs., \$8,000; tot. mem., 20 vol.

Water Supply—Src., spr. & riv.; sys., grav., pump to stdp.; stdp. cap., 110,000 gals.; res. cap., 2,000,000 gals.; pump. eng., cap. day 750,000 gals.; mains, c. i., 9 m., 4 to 10 in. dia.; 52 hyd.; 12 v.; met., 8; pipe, galv. i.; pres., dom. 35 lbs., f. 200 lbs.; cost, \$55,000; cost mtce., \$3,000; wks. owned by Co.

PARIS, p. 1,474; f. area, 175 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 30 to 40 ft. high; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 25 vol.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; stdp. cap., 60,000 gals.; 1 pump. eng.;

mains, 5 m.; 19 hyd.; 175 serv.; pres., dom. 47 lbs., f. 125 lbs.; cons. day, 125,000 gals.; cost, \$25,000; cost mtce., \$6,000; wks. owned by city.

PARKVILLE, p. 765; f. area, 12 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$250; val. bldgs., \$25; tot. mem., 30 vol.

PERRYVILLE, p. 1,708; f. area, 100 a.; merc. bldgs., bk., 2 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 6 c. hand ex., 2 h. & 1 trk., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; inf., 100 ft.; tot. hose, 2,600 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$150; tot. mem., 30 vol.

No Water Supply.

PIERCE CITY, p. 2,043; f. area, 1,200 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$2,200; val. bldgs., \$3,000; exp. dept., \$50; tot. mem., 35 vol.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys. pump to stdp. & dir.; stdp. cap., 100,000 gals., dim. 15 x 75, mat. stl.; 2 pump. eng., class dup. comp., cap. day 1,000,000 gals.; mains, c. i., $5\frac{1}{2}$ m., 4 to 8 in. dia.; 32 hyd.; 20 v.; met., 52; 225 serv.; pipe, lead & iron; pres., dom. 55 to 70 lbs., f. 70 lbs.; cons. day, 75,000 gals.; cost, \$32,000; cost mtce., \$1,500; wks. owned by city.

PLATTSBURG, p. 1,650; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 c. eng., 1 hose wag.; hose, gd., 600 ft.; f. al., bell; exp. dept., \$100; tot. mem., 12 vol.

Water Supply—Src., cisterns, in bus. cent.; sys. pump.

PLEASANT HILL, p. 2,065; f. area, 200 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 600 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$800; exp. dept., \$400; tot. mem., 12, pd. part time.

Water Supply—Src., lake & creek, 4 blocks from bus. cent.; sys., pump dir.; res. cap., 100,000,000 gals., loc. at edge of city; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, c. i., 1 m., 6 in. dia.; met., 1; pres., dom. 100 lbs., f. 125 lbs.; cost, \$30,000; wks. owned by priv. Co.

POPLAR BLUFF, p. 6,916; f. area, 750 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 600 ft.; tot. hose, 3,100 ft.; f. al., telp.; val. equip., \$3,000; val. bldgs., \$1,500; exp. dept., \$1,500; tot. mem., 10 vol.; undrs. rating, third class.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 160,000 gals., dim. 15 x 120, mat. iron; 2 pump. eng., class comp., cap. day 1,500,000 gals.; mains, iron, $8\frac{1}{2}$ m., 2 to 10 in. dia.; 75 hyd.; 43 v.; met., 40; 857 serv.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$35,650; cost mtce., \$5,500; wks. owned by city.

PRINCETON, p. 1,385; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—50 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 500 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al., wh.; val. equip., \$550; exp. dept., \$100; tot. mem., 10, pd. part time.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals., dim. 12 x 50; pump. eng., cap. day 845,260 gals.; mains, 2 m., 4 to 6 in. dia.; 19 hyd.; 80 serv.; pres., dom. 80 lbs., f. 70 lbs.; cost, \$13,000; cost mtce., \$1,200; wks. owned by city.

RICH HILL, p. 2,755; f. area, 6 blocks; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c., ladder &

hose wag.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 100 ft.; tot. hose, 1,500 ft.; f. al., bell, wh., telp. & elec.; val. equip., \$2,700; val. bldgs., \$3,000; exp. dept., \$800; tot. mem., 10, pd. part time 9, pd. full time 1.

Water Supply—Src., wells; sys., air compressor; stdp. cap., 75,000 gals., loc. at park, mat. stl.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 11 m.; 50 hyd.; 25 v.; met., 2; 500 serv.; pipe, wrt. i.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 200,000 gals.; cost, \$90,000; wks. owned by city.

RICHMONT, p. 3,664; f. area, 640 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & 1 trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., telp.; tot. mem., 12 vol.

Water Supply—Src., wells, 2½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 118,000 gals., dim. 15 x 90, mat. stl.; res. cap., 80,000 gals.; 3 pump. eng., cap. day 1,000,000 gals.; mains, iron, 10 m., 4 to 10 in. d.a.; 60 hyd.; met., 4; 225 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 60 lbs.; cost, \$45,000; cost mtce., \$1,200; wks. owned by city.

ROCKPORT, p. 1,053; f. area, 40 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$800; tot. mem., 13 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 45,000 gals., dim. 15 x 30, loc. 200 ft. above town, mat. stl.; 1 pump. eng., cap. day 570,000 gals.; mains, c. i., 3½ m., 4 to 8 in. dia.; 13 hyd.; met., 5; 35 serv.; pipe, iron; pres., dom. 60 lbs., f. 60 lbs.; cost, \$9,000; wks. owned by city.

ROLLA, p. 2,261; f. area, 400 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline str., 1 hand eng., 1 c. eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 900 ft.; inf., 500 ft.; tot. hose, 1,400 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$600; tot. mem., 25 vol.

Water Supply—Src., wells & cisterns, 1 m. bus. cent.; sys., dir. pres., res. cap., 60,000 gals.; 2 pump. eng., cap. day, 150,000 gals.; mains, c. i., 34 hyd.; 9 met.; 275 serv.; pres., dom. 45 to 50 lbs., f. 60 to 160 lbs.; wks. owned by city.

ST. CHARLES, p. 9,437; f. area, 2,000 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 comb. hose wag., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 14 bx.; val. equip., \$4,100; val. bldgs., \$4,000; exp. dept., \$4,000; tot. mem., 37, pd. full time 4, vol. 33.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav., pump to res.; stdp. cap., 250,000 gals., dim. 26 x 70, mat. stl.; res. cap., 2,000,000 gals.; 6 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 18 m., 4 to 12 in. dia.; 180 hyd.; 75 v.; 550 serv.; pipe, lead; pres., dom. 80 lbs., f. 130 lbs.; cons. day, 1,250,000 gals.; cost, \$185,000; cost mtce., \$10,000; wks. owned by city.

STE. GENEVIERE, p. 1,967. F. dept.—1 comb. c. eng., 1 h. & 1 trk., 2 hand hose carts; hose, 1,200 ft.; tot. mem., 26 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 55,000 gals.; 2 pump. eng., class dup. & trip.; mains, 3 m., 4 to 8 in. dia.; 41 hyd.; pres., dom. 40 lbs., f. 65 lbs.; wks. owned by priv. Co.

ST. JOSEPH, p. 77,403; f. area, 8,480 a.; merc. bldgs., bk. & stn., 1 to 12 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 chief's auto., 2 str., 2 comb. c. & h. wag., 1 c. eng., 28 c. hand ex., 1 h. & 1 trk., 1 aer. trk., 1 supply wag., 1 water tower, 14 hose wag., 5 hose reels, 40 hrs.; hose, cot., rub. lined, gd., 23,000 ft.; f. al., telp. & signaphone, 68 bx.; val. equip., \$76,000; val. bldgs., \$144,700; exp. dept., \$97,600; tot. mem., 92, pd. full time.

Water Supply—Src., Missouri riv., 2½ m. bus. cent.; sys., grav., pump to res. to stdp. & dir.; stdp. cap., 736,000 gals., dim. 50 x 30, loc. 310 ft. above city, mat. iron; res. cap., 22,000,000

gals., loc. 310 ft. above city; 11 pump. eng., cap. day, 60,500,000 gals.; mains, c. i., 124½ m., 4 to 24 in. dia.; 1,087 hyd.; 889 v.; met., 605; 8,500 serv.; pipe, lead; pres., dom. 125 lbs., f. 125 lbs.; cons. day, 6,590,000 gals.; wks. owned by Co.

ST. LOUIS, p. 687,029; f. area, 39,520 a.; merc. bldgs., stn., bk. & wd., 1 to 17 stor.; priv., stn., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—56 str., 2 gas pumps & hose wag. comb., 12 h. & 1 trk., 11 aer. trks., 51 comb. c. & h. wag., 2 water towers, 6 hose wag., 335 hrs.; hose, cot., rub. lined, gd., 117,000 ft.; f. al., Gamewell, 1,500 bx.; val. equip., \$600,000; val. bldgs., \$146,200; exp. dept., \$1,096,013; tot. mem., 806, pd. full time.

Water Supply—Src., Mississippi riv., 10 m. above bus. cent.; sys., pump to settling res.; after purification, pumped to res. & distribution mains; 3 stdp., sheet stl.; purification, sedimentation aided by chemical precipitation; cap. settling res., 250,000,000 gals.; clear water storage, 100,000,000 gals.; distributing res., 50,000,000 gals.; 17 pump. eng., cap. 365,000,000 gals. day; mains, c. i., 916 m., 6 to 48 in. dia.; 10,904 hyd.; 13,452 v.; met., 7,849; 106,671 serv.; lead pipe; pres., 25 to 90 lbs.; cons. day, 83,641,000 gals.; cost, \$22,500,000; cost mtce., \$918,889 year; wks. owned by city.

SALISBURY, p. 1,834. F. dept.—1 h. & 1 trk., 2 hose carts; hose, jacket, rub. lined, 1,000 ft.; tot. mem., 10 vol.

Water Supply—Src., wells; stdp. cap., 30,000 gals.; 1 pump. eng., cap. day 400,000 gals.; mains, 8 & 6 in. dia.; 30 hyd.; pres., dom. 55 lbs., f. 125 lbs.

SARCOXIE, p. 1,311; f. area, 640 a. F. dept.—1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$750; val. bldgs., \$100; exp. dept., \$420; tot. mem., 20 vol.

Water Supply—Src., spr. & well, 1 m. bus. cent.; sys., pump to stdp., cap. 35,000 gals., dim. 40 x 80, mat. stl.; 1 pump. eng., cap. day 860,000 gals.; mains, 2 4-6 m., 4 to 6 in. dia.; 23 hyd.; 16 v.; 200 serv.; pres., dom. 65 lbs., f. 150 lbs.; cost, \$14,000; cost mtce., \$420; wks. owned by city.

SAVANNAH, p. 1,583; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 500 ft.; inf., 500 ft.; tot. hose, 1,000 ft.; f. al., bell & telp.; val. equip., \$650; tot. mem., 15 vol.

Water Supply—Src., wells, 200,000 gals. every 10 hours; storage supply, 200,000 gals.

SEDALIA, p. 17,822; f. area, 40 a.; merc. bldgs., bk., 2 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 4 c. hand ex., 1 h. & 1 trk., 2 hose wag., 1 hose reel, 7 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., telp.; val. equip., \$15,000; val. bldgs., \$15,000; exp. dept., \$3,299; tot. mem., 9, pd. full time.

Water Supply—Src., riv. & wells, 8½ m. bus. cent.; sys., pump dir.; res. cap., 450,000,000 gals.; mains, c. i., 36 m., 4 to 20 in. dia.; 234 hyd.; 230 v.; met., 700; 2,400 serv.; pipe, lead; pres., dom. 40 to 50 lbs., f. 75 to 100 lbs.; cons. day, 2,000,000 gals.; cost, \$550,000; wks. owned by Co.

SHELBINA, p. 2,174; f. area, 3 a.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng.; hose, cot., rub. lined, gd., 700 ft.; f. al., telp. & bell; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 14 vol.; undra. rating, first class.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals.; res. cap., 140,000 gals.; 2 pump. eng., class dup., cap. 500 gals. min. each; mains, c. i., 6 m., 4 to 10 in. dia.; 65 hyd.; 30 v.; 140 met.; 140 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 140 lbs.; cons. day, 20,000 gals.; cost, \$85,000; cost mtce., \$7,200; wks. owned by city.

SIKESTON, p. 3,827; f. area, 640 a. F. dept.—1 hose wag., 2 ladders, 1,900 ft. hose; f. al., wh. & telp.; val. equip., \$900; exp. dept., \$500; tot. mem., 12 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., dir. & pump to stdp.; stdp. cap., 60,000 gals.; dim., 100 ft. to balcony; mat., stl. & conc.; 2 pump. eng., class trip., cap. day, 1,648,000 gals.; mains, c. l., 8 1-8 m., 4 to 8 in. dia.; 65 hyd.; 50 v.; 157 met.; 170 serv.; pipe, c. l.; pres., dom. 40 lbs.; f. 100 lbs.; cons. day, 90,000 gals.; cost, \$45,000; wks. owned by city.

SLATER CITY, p. 3,238; f. area, 80 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; tot. mem., 15 vol.; undrs. rating, fourth class.

Water Supply—Src., well & cisterns; sys., pump to res. & dir.; stdp. cap., 76,000 gals.; pump. eng., cap. day 125,000 gals.; mains, 43.8 m., 4 to 8 in. dia.; 27 hyd.; met., 15; 175 serv.; pres., dom. 80 lbs.; f. 160 lbs.; cost, \$18,000; wks. owned by city.

SPICKARD, F. dept. not reported.

Water Supply—Src., well, 400 ft. bus. cent.; sys., pump to stdp.; stdp. dim., 15 x 50; mat., iron; 1 pump. eng.; mains, 1 m., 3 to 6 in. dia.; met., 1; 6 hyd.; 4 v.; cost, \$6,000; cost mtce., \$100; wks. owned by city.

SPRINGFIELD, p. 35,201; f. area, 7.81 sq. m.; merc. bldgs., bk., 1 to 10 stor.; priv., wd., 1 to 4 stor.; wd. rfs. not perm.; combt. ord.; causes of f. not inv. F. dept.—2 str., 1 auto. c. eng., 1 auto. pumper, 3 auto. comb. c. & h. wag., 1 chief's auto., 3 hose wag., 14 c. hand ex., 1 h. & l. trk., 1 aer. trk., 2 hose reels, 17 hrs.; hose, cot., rub. lined, 18,000 ft.; f. al., Gamewell, 65 bx.; val. equip., \$50,000; val. bldgs., \$30,000; exp. dept., \$32,000; tot. mem., 40, pd. full time; undrs. rating, second class.

Water Supply—Src., spr., 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 755,000 gals.; dim., 35 x 105; mat., stl.; res. cap., 125,000,000 gals.; 3 pump. eng., cap. day 14,500,000 gals.; mains, c. l., 95 m., 4 to 18 in. dia.; 352 hyd.; 576 v.; met., 1,211; 7,602 serv.; pipe, wrt. i.; pres., dom. 45 lbs.; f. 75 lbs.; cons. day, 3,604,000 gals.; wks. owned by Co.

STANBERRY, p. 2,121; f. area, 56 a.; merc. bldgs., bk., 2 stor.; priv., wd., $\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$2,000; tot. mem., 8, pd. full time; undrs. rating, fourth class.

Water Supply—Src., wells, in bus. cent.; sys., pump to res. & stdp.; stdp. cap., 65,000 gals.; dim., 6 x 4, loc. in cent. town; mat., wd. & iron; res. cap., 65,000 gals., loc. in city; 3 pump. eng., class comp., cap. day 288,000 gals.; mains, c. l., 3 m., 29 hyd.; 12 v.; met., 4; 125 serv.; pipe, iron & lead; pres., dom. 70 lbs.; f. 140 lbs.; cons. day, 30,000 gals.; cost, \$20,000; cost mtce., \$1,625; wks. owned by city.

STEWARTSVILLE, p. 543; f. area, 40 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 hose car., 3 c. hand ex.; hose, cot., rub. lined, gd., 200 ft.; inf., 300 ft.; tot. hose, 500 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$2,500; tot. mem., 20 vol.

SWEET SPRINGS, p. 1,122; bldgs., bk.; wd. rfs. not perm. No org. f. dept.; undrs. rating, third class.

Water Supply—Src., well; sys., grav. & pump to stdp.; stdp. cap., 40,000 gals.; mat., stl.; 1 pump. eng., size 10 x 36; mains, $\frac{3}{4}$ m.; 9 hyd.; pres., f. 40 lbs.; cost, \$6,000; wks. owned by city.

TARKIO, p. 1,966; f. area, 320 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., wh.; val. equip., \$2,000; tot. mem., 18 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 500,000 gals.; dim., 12 x 50; mat., iron; res. cap., 750,000 gals., loc. at station; 2 pump. eng., class comp., cap. day 1,000,000 gals.; mains, c. l., 8 m., 4 to 6 in. dia.; 22 hyd.; 9 v.; met., 8; 150 serv.; pipe, lead & iron; pres., dom. 70 lbs.; f. 125 lbs.; cost, \$28,000; cost mtce., \$850; wks. owned by Co.

THAYER, p. 1,700. F. dept.—1 hose reel; hose, cot., rub. lined, gd., 950 ft.; f. al., bell; val. equip., \$150; val. bldgs., \$260; exp. dept., \$70; tot. mem., 14 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump. dir.; 1 pump. eng., cap. day, 100,000 gals.; 500 ft. mains; 11 hyd.; 6 v.; pres., dom. 50 lbs.; f. 85 lbs.; wks. owned by private Co.

TIPTON, p. 1,278; merc. bldgs., bk., 1 to 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$500; tot. mem., 40 vol.

Water Supply—Src., wells.

TRENTON, p. 5,656; f. area, 1,000 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., sta., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 hose wag., 1 hose reel, 3 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 700 ft.; tot. hose, 2,700 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$10,000; exp. dept., \$1,200; tot. mem., 15, pd. full time 1, vol. 14.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 175,000 gals.; mat., stl.; 8 pump. eng., cap. day 2,500,000 gals.; mains, 11 m., 4 to 10 in. dia.; 85 hyd.; met., 225; 650 serv.; pipe, lead & wrt. i.; pres., dom. 50 lbs.; f. 150 lbs.; cost mtce., \$4,000; wks. owned by city.

UNION, p. 934; f. area, 40 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; tot. mem., 12 vol.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; stdp. cap., 175,000 gals.; res. cap., 167,000 gals.; pump. eng., class dup., cap. day 500,000 gals.; mains, c. l., $2\frac{1}{2}$ m., 4 to 8 in. dia.; 19 hyd.; 5 v.; met., 3; pipe, galv. l.; pres., dom. 55 to 75 lbs.; f. 55 to 75 lbs.; cons. day, 50,000 gals.; cost, \$10,000; cost mtce., \$900; wks. owned by city.

UNIONVILLE, p. 2,000; f. area, 300 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 28 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$300; exp. dept., \$125; tot. mem., 16 vol.; undrs. rating, fourth class.

Water Supply—Src., res., $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 100,000 gals.; 2 pump. eng.; class, dup.; mains, lead & wrt. i., 2 m., 3 to 8 in. dia.; 30 hyd.; met., 200; 250 serv.; pres., dom. 60 lbs.; f. 110 lbs.; cons. day, 15,000 gals.; cost, \$30,000; cost mtce., \$350; wks. owned by city.

VANDALIA, p. 1,595; f. area, 5 a.; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., wd., $\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$150; exp. dept., \$300; tot. mem., 50 vol.

Water Supply—Src., deep well, 1 m. bus. cent.; sys., grav.; stdp. cap., 40,000 gals.; res. cap., 40,000 gals.; 1 pump. eng.; cap. day, 3,000 gals.; mains, c. l., 4 to 8 in. dia.; 25 hyd.; 115 met., 115 serv.; pipe, c. l.; pres., dom. & f. 48 lbs.; cons. day, 2,000 gals.; cost, \$16,000; wks. owned by city.

WARRENSBURG, p. 4,689; f. area, 1,200 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—5 c. hand ex., 2 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 2,000 ft.; tot. hose, 3,000 ft.; f. al., wh.; val. equip., \$3,000; tot. mem., 12 vol.; undrs. rating, third class.

Water Supply—Src., spr. & lakes; sys., pump to stdp.; stdp. dim., 14 x 110; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., $7\frac{1}{2}$ m., 4 to 10 in. dia.; 75 hyd.; pres., dom. 45 lbs.; f. 200 lbs.

WARRENTON, p. 795; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 hose car.; hose, cot., lined, gd., 800 ft.; val. equip., \$300; vol.

Water Supply—Complete sys. of waterwks. to be installed.

WASHINGTON, p. 3,670; f. area, 2,500 a.; merc. bldgs., bk., 2 to 5 stor.; priv., wd., 2 stor.;

wd. rfs. not perm. in f. area; no fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 1,500 ft.; inf., 300 ft.; tot. hose, 3,000 ft.; f. al., telp.; val. equip., \$3,000; val. bldgs., \$4,000; exp. dept., \$100; tot. mem., 100 vol.; undra. rating, third class.

Water Supply—Src., wells & river, in bus. cent.; sys., pump to res. & stdp.; stdp. cap., 110,000 gals.; dim. 12 x 125, mat. stl.; res. cap., 1,000,000 gals.; 5 pump. eng.; class, comp. & centrif.; cap. day, 3,000,000 gals.; mains, c. l. 5 1/2 m., 4 to 10 in. dia.; 64 hyd.; 55 v.; met., 175; 400 serv.; pipe, galv. i. & lead; pres., dom. 80 lbs., f. 125 lbs.; cons. day, 350,000 gals.; cost, \$80,000; cost mtce., \$4,000; wks. owned by private Co.

WEBB CITY, p. 11,817; f. area, 12,000 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. c. & h. trk., 4 c. hand ex. 1 hose cart. 1 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., telp.; val. equip., \$9,000; val. bldgs., \$4,500; exp. dept., \$3,600; tot. mem., 25, pd. full time 5, vol. 20; undra. rating, third class.

Water Supply—Src., 5 wells, 2 1/2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals.; dim. 12 x 145, loc. in town, mat. stl.; 2 pump. eng., class comp. dup., cap. day, 2,500,000 gals.; mains, c. l., 22 m., 4 to 10 in. dia.; 149 hyd.; 47 v.; met., 189; 1,312 serv.; pipe, lead & wrt. i.; pres., dom. 80 lbs., f. 90 lbs.; cons. day, 591,000 gals.; cost, \$134,319; cost mtce., \$18,730; wks. owned by Co.

WEBSTER GROVES, p. 7,080; merc. bldgs., bk. & wd., 1 to 8 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—2 hose & ladder wag., 6 c. hand ex., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; rub., gd., 100 ft.; tot. hose, 4,100 ft.; f. al., telp. & bell; val. equip., \$7,200; tot. mem., 80 vol.

Water Supply—Src., Missouri riv., through St. Louis Co.; sys., pump; mains, 4 to 8 in. dia.; 300 hyd.; pres., f. 90 to 95 lbs.

WELLSVILLE, p. 1,194; f. area, 75 a. F. dept.—2 c. eng., 1 h. & l. trk.; val. equip., \$1,200; val. bldgs., \$500; tot. mem., 26 vol.

Water Supply—Src., cisterns.

WESTON CITY, p. 1,019; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng.,

6 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,000; tot. mem., 22 vol.

Water Supply—Src., wells & cisterna.

WEST PLAINS, p. 2,914; f. area, 1,280 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; rub., gd., 400 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; val. equip., \$400; val. bldgs., \$200; exp. dept., \$300; tot. mem., 16 vol.; undra. rating, fourth class.

Water Supply—Src., well, 1/4 m. bus. cent.; sys., grav.; stdp. cap., 60,000 gals.; dim., 15 x 50; mat., stl.; res. cap., 85,000 gals.; 1 pump. eng., cap. day, 72,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 28 hyd.; 11 v.; met., 85; 120 serv.; pipe, galv. i.; pres., dom. & f. 75 lbs.; cons. day, 50,000 gals.; cost, \$18,000; cost mtce., \$1,500; wks. owned by city.

WILLOW SPRINGS, p. 1,401; f. area, 9 blocks; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$250; exp. dept., \$23.50; tot. mem., 26 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 65,000 gals.; dim. 24 x 20, mat. wd.; pump. eng., cap. day 50,000 gals.; mains, wrt. l. 6 m., 1/2 to 4 in. dia.; 7 hyd.; 3 v.; met., 8; 120 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 50 lbs.; cost, \$10,000; cost mtce., \$1,800; wks. owned by city.

WINDSOR, p. 2,241; f. area, 1,200 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 4 nozzles, 1 hose wag.; hose, cot., rub. lined, gd., 1,050 ft.; val. equip., \$1,250; val. bldgs., \$2,000; exp. dept., \$50; tot. mem., 6, pd. full time.

Water Supply—Src., large cisterns.

Places with a population of 1,000 or more having no organized fire dept.—Appleton City, Ash Grove, Bloomfield, Bonnetterre, Bowling Green, Breckenridge, Clarence, Dexter, Flat River, Fredericktown, Granby, Kennett, Keytesville, Mountain Grove, Norborne, Pattonburg, St. Genevieve, Salem, Salisbury, Seneca, Wellston.

Places with a population of 1,000 or more not reported—Carl Junction, Ferguson, Greenville, La Plata, Linneus, Oranogo, Troy, Versailles.

MONTANA

ANACONDA, p. 10,134; f. area, 24 sq. blocks; merc. bldgs., bk., stn. & wd., 2 to 5 stor.; priv., bk. & wd., 1 to 4 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. c. & h. & l. trk., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 36 bx.; val. equip., \$25,000; val. bldgs., \$34,800; exp. dept., \$20,000; tot. mem., 35, pd. full time 6, vol. 29.

Water Supply—Src., str., & lake, 4 to 7 m. bus. cent.; sys., grav.; res. No. 1, cap. 70,000,000 gals.; No. 2, cap. 8,250,000 gals.; mains, kal., 27 m., 4 to 14 in. dia.; 54 hyd.; 275 v.; 2,356 serv.; pipe, iron; pres., dom. 80 lbs., f. 80 to 107 lbs.; cons. day, 3,000,000 gals.; wks. owned by Co.

BEAR CREEK, p. 302. F. dept.—1 hose cart, 600 ft. hose; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., mountain str., 3 1/2 m. bus. cent.; sys., grav.; res. cap., 19,000 gals.; mains, wd., 4 m., 4 to 6 in. dia.; 8 hyd.; pres., dom. & f., 110 lbs.; wks. owned by priv. Co.

BELGRADE, p. 561. F. dept.—1 h. & l. trk., 100 ft. hose; f. al., bell; tot. mem., 28 vol.

Water Supply—Src., mountain str., 7 m. bus. cent.; sys., grav.; res. cap., 240,000 gals.; mains, 7 m., 8 to 10 in. dia.; 18 hyd.; 38 v.; 2 met.; 190 serv.; cons. day, 50,000 gals.; pres., dom. & f., 95 lbs.; cost, \$50,000; cost mtce., \$125; wks. owned by priv. Co.

BELT, p. 1,158. F. dept.—2 hose car.; hose, rub., gd., 600 ft.; tot. mem., 28 vol.

Water Supply—Sys., pump to res.; res. cap., 10,000 gals.; 10 hyd.

BIG TIMBER, p. 1,022. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose carts; hose, 1,200 ft.; f. al., bell; tot. mem., 33 vol.

Water Supply—Src., riv.; res. cap., 500,000 gals.; mains, 12 m., 4 to 8 in. dia.; 26 hyd.; pres., dom. 26 lbs., f. 100 lbs.

BILLINGS, p. 10,081; f. area, 35 blocks; merc. bldgs., stn. & bk., 1 to 7 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 auto. str., 1 h. & l. trk., 8 c. hand ex., 1 hose wag., 1 hose cart, 5 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; rub., gd., 500 ft.; inf., 500 ft.; tot. hose, 5,500 ft.; f. al., Gamewell, 12 bx.; val. equip., \$18,000; val. bldgs., \$35,000; tot. mem., 36, pd. full time 12, vol. 24; undra. rating, third class.

Water Supply—Src., riv., 1 1/2 m. bus. cent.; sys., pump dir.; 4 pump. eng., cap. day 5,500,000 gals.; mains, c. l. & wd., 28 m., 6 to 10 in. dia.; 131 hyd.; 130 v.; met., 150; 1,600 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 110 lbs.; cons. day, 3,000,000 gals.; wks. owned by Co.

BOULDER, p. 922; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. ex., 1 hand eng., 1 hose wag., 1 hose car., rub. buckets, hooks, poles; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$300; tot. mem., 25 vol.; undra. rating, third class.

Water Supply—Src., wells & cisterns.

BOZEMAN, p. 5,107; f. area, 6 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk., wd. & cem., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 str., 1 h. & l. trk., 4 hand ex., 2 c. hand ex., 1 comb. c. & h. wag. (in reserve), 1 hose cart; hose, cot., rub. lined, gd., 3,200 ft.; f. al., Gamewell, 20 bx.; val. equip., \$18,000; val. bldgs., \$40,000; exp. dept., \$4,500; tot. mem. 54, pd. full time 3, pd. part time 3, vol. 48.

Water Supply—Src., mountain str., 3½ m. bus. cent.; sys., grav.; res. cap., 1,250,000 gals.; mains, c. l., 15 m., 4 to 10 in. dia.; 103 hyd.; 50 v.; met., 2; 1,015 serv.; pres., dom. 40 lbs., f. 100 lbs.; cost mtce., \$2,000; wks. owned by city.

BRIDGER, p. 514. F. dept.—2 hand hose carts, 1,100 ft. hose; f. al., bell; tot. mem., 10 vol. **Water Supply**—Src., wells; sys., grav.; res. cap., 500,000 gals.; mains, 4 in. dia.; 7 hyd.; pres., f. 125 lbs.

BUTTE, p. 39,165; f. area, 5 sq. m.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 10 c. hand ex., 2 h. & l. trk., 1 aer. trk., 2 comb. c. & h. wag., 4 hose wag., 1 hose car, 1 auto. equad wag., 1 auto. aer. trk., 17 hrs.; hose, cot., rub. lined, gd., 11,400 ft.; f. al., Gamewell, 69 bx.; val. equip., \$68,827; val. bldgs., \$110,000; exp. dept., \$48,651; tot. mem. 83, pd. full time.

Water Supply—Src., mountain str., 8 to 30 m. bus. cent.; sys., grav. & pump to res.; res. cap., 625,000,000 gals.; 4 pump. eng., class elec. & stm., cap. day 12,000,000 gals.; mains, redwood, kalamein, 148½ m., 4 to 26 in. dia.; 645 hyd.; met., 674; 9,441 serv.; 692 v.; pipe, lead & iron; pres., dom. 60 lbs., f. 150 lbs.; cons. day, 9,000,000 gals.; wks. owned by Co.

CASTLE, p. 332; f. area, 40 a.; merc. bldgs., wd. & stm., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hooks, 4 ladders, 50 buckets; f. al., bell; val. equip., \$250; tot. mem., 25 vol.; town almost deserted.

No waterwks. sys.

COLUMBIA FALLS, p. 601. F. dept.—1 hose cart, 300 ft. hose; vol.

Water Supply—Src., wells; sys., grav.; mains, 6 in. dia.; 4 hyd.; pres., 40 lbs.

COLUMBUS, p. 700; f. area, 20 a. F. dept.—1 h. & l. trk., 1 c. hand ex., 1 hose cart, 750 ft. hose; val. equip., \$1,700; val. bldgs., \$27,500; exp. dept., \$50; tot. mem., 40 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 1 pump. eng., cap. day 2,500 gals.; pres., dom. 40 lbs., f. 40 lbs.; wks. owned by priv. Co.

CONRAD, p. 1,100; f. area, 320 a. F. dept.—2 hose carts, 1 h. & l. trk., 1,500 ft. hose; val. equip., \$2,300; val. bldgs., \$200; tot. mem., pd. part time, 28; undrs. rating, first class.

Water Supply—Src., spr. & creek, 1 m. bus. cent.; sys., grav.; 25 hyd.; pres., dom. 90 lbs., f. 80 lbs.; cost, \$95,000; wks. owned by private Co.

DEER LODGE, p. 2,570; f. area, 320 a.; merc. bldgs., stm., bk. & wd., 2 to 4 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; rub. gd., 300 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$700; exp. dept., \$200; tot. mem. 21, pd. part time 1, vol. 20.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; loc. 1½ m. city; mains, kalamein & wd., 11 m., 3 to 12 in. dia.; 32 hyd.; 520 serv.; pres., dom. & f. 75 to 90 lbs.; cost mtce., \$8,500; wks. owned by priv. Co.

DILLON, p. 1,835; f. area, 350 a.; merc. bldgs., bk., stm. & wd., 1 & 2 stor.; priv., bk., stm. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose carts, 1,900 ft. hose; f. al., bell & Gamewell, 1 bx.; val. equip., \$3,000; exp. dept., \$250; tot. mem., 35 vol.

Water Supply—Src., str., 8 m. bus. cent.; sys., grav.; res. cap., 500,000 gals., loc. 3 m. town; mains, wd., 16 m., 4 to 10 in. dia.; 37 hyd.; 26 v.; met., 12; 365 serv.; pipe, wd. & iron; pres., dom. 105 lbs., f. 105 lbs.; cons. day, 125,000 gals.; cost, \$100,000; cost mtce., \$1,750; wks. owned by city.

EUREKA, p. 1,000; f. area, 600 a. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$600; val. bldgs., \$500; tot. mem., 18 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; 1 pump. eng.; 25 hyd.; 90 serv.; pres., f. 90 lbs.; cost, \$18,000; wks. owned by city.

FORSYTH, p. 1,398. F. dept.—1 h. & l. trk., 2 hose carts, 1,000 ft. hose; tot. mem., 40 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav.; stdp. cap., 300,000 gals.; res. cap., 900,000 gals.; 1 pump. eng., cap. day 1,080,000 gals.; mains, 5½ m., 4 to 8 in. dia.; 37 hyd.; 38 v.; 5 met.; 258 serv.; pipe, galv. i.; pres., dom. & f. 56 lbs.; cons. day, 200,000 gals.; cost, \$47,000; cost mtce., \$3,000; wks. owned by city.

FT. BENTON, p. 1,004; f. area, 60 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. not inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$500; val. bldgs., \$2,000.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump dir.; stdp. cap., 250,000 gals.; mat., stl.; pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. l., 12 m., 4 to 6 in. dia.; 33 hyd.; 12 v.; 280 serv.; pipe, iron; pres., dom. 40 lbs., f. 85 lbs.; cost mtce., \$2,600; wks. owned by city.

FT. KEOGH, p. 291; f. area, 300 a.; merc. bldgs., wd., 1 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, rub. gd., 800 ft.; f. al., bell; tot. mem., 100 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res. & dir.; res. cap., 33,000 gals.; pump. eng., cap. day 500,000 gals.; mains, c. l., 2½ m., 4 to 6 in. dia.; 10 hyd.; 5 v.; 60 serv.; pres., dom. 40 lbs., f. 150 lbs.; cons. day, 175,000 gals.; cost, \$9,000; cost mtce., \$4,000; wks. owned by U. S. Government.

GLASGOW, p. 2,000; f. area, 300 a. F. dept.—2 hand hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$250; vol.

Water Supply—Src., wells; 1 m. bus. cent.; sys., pump dir.; 2 pump. eng.; cap. day, 1,000,000 gals.; mains, 6 m.; 33 hyd.; 48 v.; 150 serv.; pres., dom. & f. 80 lbs.; wks. owned by city.

GLENDALE, p. 2,428; f. area, 3,800 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk.; 3 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., wh.; val. equip., \$4,125; val. bldgs., \$500; exp. dept., \$300; tot. mem., 25, pd. part time 20, vol. 5.

Water Supply—Src., riv., situated ¼ m. bus. cent.; sys., dir.; res. cap., 300,000 gals.; 2 pump. eng., cap. day 2,520,000 gals.; mains, 5 m., 4 to 10 in. dia.; galv. pipe, hyd., 40; v., 50; met., 15; serv., 500; pres., 70 to 95 lbs.; cons. day, 250,000 gals.; cost, \$60,000; cost mtce., \$800.

GRANITE, p. 200; f. area, 10 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., hooks, ladders, buckets, 1 hose car.; hose, cot., rub. lined, gd., 300 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$100; town nearly deserted.

Water Supply—Src., lakes; sys., grav.; tk. cap., 200,000 gals.; mains, wrt. l., 2 to 6 in. dia.; 11 hyd.; pres., f. 160 lbs.; cost, \$80,000; wks. owned by Co.

GREAT FALLS, p. 13,948; f. area, 1,800 a.; merc. bldgs., stm., bk. & wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 auto. comb. hose wag., 6 c. hand ex., 5 hose wag., 2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 5,300 ft.; f. al., Gamewell, 13 bx.; val. equip., \$19,000; val. bldgs., \$10,000; exp. dept., \$14,600; tot. mem. 30, pd. full time 10, pd. part time 20; undrs. rating, third class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; stdp. cap., 560,000 gals.; dim., 40 x 60; mat., stl.; 5 pump. eng., class centrif., cap. day 15,000,000 gals.; mains, c. l., 34½ m., 6 to 16 in. dia.; 365 hyd.; 203 v.; met., 138; 2,758 serv.; pipe, galv. i. & lead; pres., dom. 80 to 90 lbs., f.

115 lbs.; cons. day, 1,942,660 gals.; cost, \$450,000; cost mtce., \$23,000; wks. owned by city.

HAMILTON, Ravalli Co., p. 2,240. F. dept.—8 hose carts; hose, 1,850 ft.; f. al. telg.

Water Supply—Src., creek, 7 m. bus. cent.; sys., grav., res. cap., 7,000,000 gals.; mains, c. i., stl. & wd., 16½ m.; 4 to 10 in. dia.; 62 hyd.; pres., dom. & f. 60 to 80 lbs.; wks. owned by priv. Co.

HARLINGTON, p. 1,200. F. dept.—1 c. eng., 2 hose wag.; f. al. bell; val. equip., \$1,200; val. bldgs., \$300; tot. mem., 30 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump; 1 pump. eng.; 15 hyd.; cost, \$15,000; wks. owned by city.

HAVRE p. 3,624. F. dept.—2 hose carts, 1 h. & l. trk., c. hand ex.; hose, cot., rub. lined, gd., 1,500 ft. inf., 500 ft.; tot. hose, 2,000 ft.; val. equip., \$2,500; exp. dept., \$400; tot. mem., 25 vol.

Water Supply—Src., driven wells, ½ m. bus. cent.; sys., pump to stdp. & res.; stdp. cap., 520,000 gals.; dim., 36 x 68; mat. conc.; res., dim., 15 x 75 in. dia.; mat. conc.; cap., 500,000 gals.; 2 pump. eng., class trip., cap. day, 1,000,000 gals. each; mains, c. i., 6 m., 6 to 10 in. dia.; 70 hyd.; 62 v.; met., 40; 507 serv.; pipe, galv. i.; pres., dom. & f. 90 lbs.; cons. day, \$25,000 gals.; cost, \$100,000; cost mtce., \$6,000; wks. owned by city.

HELENA, p. 12,155; f. area, 400 a.; merc. bldgs., stn. & bk., 1 to 6 stor.; priv., wd., stn. & bk., 1 to 4 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 6 c. hand ex., 2 h. & l. trk., 1 aer. trk., 3 hose wag., 1 hose reel, 10 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 36 bx.; val. equip., \$29,050; val. bldgs., \$31,000; exp. dept., \$12,000; tot. mem., 11, pd. full time 11; pd. part time 4; undrs. rating, first class.

Water Supply—Src., riv. & wells, 4 to 20 m. bus. cent.; sys., grav., pump to res. & stdp.; res. cap., 8,250,000 gals.; 2 pump. eng., class comp., cap. day, 3,000,000 gals.; mains, kalamain & c. i., 65 m., 4 to 16 in. dia.; 283 hyd.; 302 v.; met., 216; 3,076 serv.; 339 v.; pipe, galv. i. & lead; pres., dom. 80 lbs., f. 140 lbs.; cons. day, 4,500,000 gals.; cost, \$1,600,000; wks. owned by city.

JOLIET, p. 389. F. dept.—2 hose carts, 500 ft. hose; f. al. bell; tot. mem., 20 vol.

Water Supply—Src., creek, 1 m. bus. cent.; sys., grav.; mains, 6 in. dia.; 14 hyd.

KALISPEL, p. 5,549; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,750 ft., 2 hrs.; f. al. bell; val. equip., \$7,500; val. bldgs., \$1,400; exp. dept., \$7,500; tot. mem., 41, pd. full time 8, 38 vol.

Water Supply—Src., riv. & wells, 2 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 180,000 gals.; dim., 25 x 50; mat., iron; 6 pump. eng., class comp. dup. centrif. & turbine, cap. day, 13,472,000 gals.; mains, kalamain, wd. & c. i., 21.5 m., 4 to 16 in. dia.; 225 hyd.; 170 v.; 1,155 serv.; pipe, galv. i. & lead; pres., dom. 40 lbs., f. 70 lbs.; cons. day, 1,800,000 gals.; cost, \$275,000; cost mtce., \$18,000; wks. owned by Co.

LEWISTON, p. 2,992; f. area, 160 a.; merc. bldgs., stn., bk. & conc. 1 to 5 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb., c. & h. wag.; 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,600 ft.; f. al., Gamewell, 7 bx.; val. equip., \$14,692; val. bldgs., \$8,000; exp. dept., \$6,222; tot. mem., 20, 4 pd. full time, 16 vol.

Water Supply—Src., spring & creek, 6 m. bus. cent.; sys., grav., pump to res. & dir., res. cap., 350,000 gals.; 1 pump, cap. day, 956,000 gals.; mains, c. i., 15.8 m., 4 to 12 in. dia.; 139 hyd.; 190 v.; 1,010 serv.; pres., dom. 92 lbs., f. 99 lbs.; cons. day, 750,000 gals.; cost, \$250,000; wks. owned by city.

LIBBY, p. 1,500; f. area, 160 a. F. dept.—1 h. & l. trk., 1 c. hand ex., 2 hose carts, 1,000 ft. hose; val. equip., \$3,000; val. bldgs., \$300; exp. dept., \$50; tot. mem., 45 vol.

Water Supply—Src., str., 1 m. bus. cent.; sys., grav.; mains, 1 m.; 15 hyd., pres., dom. 80 lbs., f. 120 lbs.; cost, \$75,000; wks. owned by priv. Co.

LIVINGSTON, p. 5,859; f. area, 6 sq. blocks; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., stn., bk. & wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 200 ft.; tot. hose, 4,200 ft.; f. al. bell; val. equip., \$6,000; val. bldgs., \$25,000; exp. dept., \$8,500; tot. mem., 85, 8 pd. full time, pd. part time 4, 28 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to res.; res. cap., 300,000 gals.; 4 pump. eng., class elec. & stim., cap. day, 6,500,000 gals.; mains, c. i., 14 m., 4 to 12 in. dia.; 111 hyd.; 52 v.; met., 85; 1,236 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 110 lbs.; cons. day, 1,500,000 gals.; cost, \$85,000; cost mtce., \$6,000; wks. owned by Co.

MANHATTAN, F. dept. not reported.

Water Supply—Src., spr., 3½ m. bus. cent.; sys., grav. & pump to res.; res. cap., 200,000 gals.; dim., 62 x 62; mat., conc.; 2 pump. eng., class centrif., cap. min. 750 gals.; mains, wd., 6.7 m., 6 to 10 in. dia.; 25 hyd.; 2 v.; 80 serv.; pipe, galv. i.; pres., dom. 25 to 30 lbs., f. 100 lbs.; cost, \$30,000; cost mtce., \$400; wks. owned by city.

MARYSVILLE, p. 700. F. dept.—Not reported.

Water Supply—Src., mountain spr.; sys., pump to res.; mains, 4 in. dia.; hyd.

MILES CITY, p. 4,697; f. area, 12 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,200 ft. rub. gd., 400 ft.; tot. hose, 2,600 ft.; f. al., elec. & wh., 16 bx.; val. equip., \$3,991; exp. dept., \$4,497; tot. mem., 30, pd. full time 2, vol. 25; undrs. rating, third class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; stdp. cap., 200,000 gals.; 2 pump. eng., cap. day, 4,000,000 gals.; mains, c. i., 17.2 m., 4 to 14 in. dia.; 106 hyd.; 116 v.; 880 met.; 780 serv.; pres., dom. 50 lbs., f. 125 lbs.; cons. day, 500,000 gals.; cost, \$180,000; cost mtce., \$15,000; wks. owned by city.

MISSOULA, p. 12,869; f. area, 2,080 a.; merc. bldgs., bk. & stn., 1 to 6 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. hose & ladder trk., 2 str., 2 h. & l. trk., 4 c. hand ex., 1 comb. c. & h. & l. trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft., in reserve 4,000 ft.; f. al., Gamewell, 17 bx.; val. equip., \$30,800; val. bldgs., \$12,000; exp. dept., \$14,000; tot. mem., 39, pd. full time 9, vol. 30.

Water Supply—Src., wells; sys., pump dir.; res. cap., 1,000,000 gals.; pump. eng., cap. day, 1,440,000 gals.; mains, wrt. i., 4½ m., 4 to 8 in. dia.; 147 met.; 113 hyd.; 2,972 serv.; pipe, iron; pres., dom. 40 lbs., f. 90 to 105 lbs.; cons. day, 6,953,000 gals.; cost, \$18,000; wks. owned by city.

NEIHART, p. 268; f. area, 1,000 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, rub. gd., 1,000 ft.; f. al. bell; val. equip., \$1,600; val. bldgs., \$800; exp. dept., \$100; tot. mem., 42 vol.

Water Supply—Src., creek; sys., grav.; res. cap., 3,000,000 gals.; mains, c. i., 2 m., 12 in. dia.; 25 hyd.; 5 v.; 100 serv.; pipe, galv. i.; pres., f. 100 to 146 lbs.; cost, \$45,000; cost mtce., \$1,000; wks. owned by Co.

PHILLIPSBURG, p. 1,109; f. area, 12 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 5 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; inf., 1,200 ft.; tot. hose, 3,000 ft.; f. al. bell; val. equip., \$3,000; val. bldgs., \$500; tot. mem., 85 vol.

Water Supply—Src., str., 3 m. bus. cent.; sys., grav.; res. cap., 160,000 gals., loc. 1 m. north Main street; mains, kalamain & wd., 5½ m., 4 to 6 in. dia.; 26 hyd.; pres., f. 152 lbs.; cost, \$35,000; cost mtce., \$1,200; wks. owned by city.

POLSON, p. 1,500; f. area, 80 a. F. dept.—1 h. & l. trk., 1 hose wag., 500 ft. hose; bell al.; tot. mem., 28 vol.

Water Supply—Src., lake; sys., dir. pres.; 1 pump. eng.; wks. owned by priv. Co.

RED LODGE, p. 4,860; merc. bldgs., bk. & stn.; priv., wd. F. dept.—1 c. eng., 1 h. & l. trk., 2

comb. c. hose wag.; hose, rub., gd., 2,800 ft.; f. al. bell; vol.
 Water Supply—Src., strm.; sys., grav.; mains, pres., dom. 110 lbs.; f. 140 lbs.

ROUNDUP, p. 1,513; f. area, 160 a. F. dept.—2 hose carts, 1 c. eng., 1,500 ft. hose; f. al., bell; val. equip., \$2,500; val. bldgs., \$400; exp. dept., \$300; tot. mem., 20 vol.

Water Supply—Src., riv.; sys., grav. & dir. pres.; res. cap., 110,000 gals.; 1 pump. eng., cap. day 1,400,000 gals.; mains, 8 in. dia.; 17 hyd.

SHERIDAN, p. 899. F. dept.—1 hand h. & 1 trk., 1 hand c. eng., 1 hose cart; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., mountain spr.; sys., grav.; res. cap., 90,000 gals.; mains, 3 to 6 in. dia.; 7 hyd.; pres., 40 lbs.

STEVENSVILLE, p. 796. F. dept.—1 h. & 1 trk., 2 hose carts; hose, 1,000 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., creek, res.; mains, 4 to 8 in. dia.; 25 hyd.

THOMPSON, p. 325. F. dept.—2 hose carts, 500 ft. hose; vol.

Water Supply—Src., mountain strm.; sys., grav.; mains, 4 in. dia.; 10 hyd.; pres., 60 lbs.

VIRGINIA CITY, p. 467. F. dept.—2 c. eng., 6 c. hand ex., 1 hose reel, 200 ft. hose; f. al., bell; val. equip., \$1,500; tot. mem., 28 vol.

Water Supply—Src., spr.; sys., grav.; mains, 4 in. dia.; 14 hyd.

WALKERVILLE, p. 2,491; f. area, 640 a.; merc.

bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfa. perm.; combt. ord. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 100 vol.

Water Supply—Src., spr., 9 m. bus. cent.; sys., grav.; res. cap., 15,000,000 gals.; mains, 4 to 6 in. dia.; 11 hyd.; 1,000 serv.; pres., dom. 45 lbs., f. 190 lbs.; wks. owned by Co.

WANTWISH, p. 1,479. F. dept.—6 c. hand ex., 3 hose reels, 3,000 ft. cot., rub. lined hose; f. al., bell; exp. dept., \$360; tot. mem., 25, pd. part time 1, vol. 24.

Water Supply—Src., lake; sys., grav.; stdp. cap., 50,000 gals.; 2 pump. eng., cap. day 1,440,000 gals.; mains, 4 m., 4 to 8 in. dia.; 26 hyd.; 40 met.; 400 serv.; pres., dom. 58 lbs., f. 85 lbs.; cons. day, 144,000 gals.; cost, \$25,000; cost mtce., \$4,000; wks. owned by city.

WHITEHALL, p. 417. F. dept.—1 hand c. eng.; tot. mem., 28 vol.

WHITE SULPHUR SPRINGS, p. 417. F. dept.—2 c. eng., 2 hose carts; hose, 900 ft.; f. al., bell; val. equip., \$1,600; tot. mem., 20 vol.

Water Supply—Src., creek, 5 m. bus. cent.; sys., grav.; mains, iron, 7 m., 4 to 10 in. dia.; 21 hyd.; 19 v.; pres., dom. 80 lbs.; f. 125 lbs.; cost, \$30,000; cost mtce., \$500; wks. owned by city.

Places with a population of 1,000 or more having no organized fire dept.—Cimrad, Kendall.

Places with a population of 1,000 or more not reported—Chinook, Gunderson, Sand Coulee, Stockett.

NEBRASKA

AINSWORTH, p. 1,045; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. ord. F. dept.—Hose, 1,000 ft.; 16 vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 41,000 gals.; pump. eng., cap. day 482,000 gals.; 28 hyd.; pipe, 12 m., 4 to 6 in. dia., c. i.; 95 taps; serv. pipe, $\frac{3}{4}$ in., wrt. i.; pres., dom. 50 lbs., f. 80 lbs.; cost, \$38,000; cost mtce., \$500; wks. owned by city.

ALBION, p. 1,584; f. area, 480 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 4 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,550 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$150; exp. dept., \$400; tot. mem., 26 vol.; undra. rating, first class.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 80,000 gals., mat. stl.; res. cap., 80,000 gals.; 1 pump. eng., class trip.; mains, c. i., 5 m., 84 hyd.; 12 v.; met., 120; 212 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$20,000; cost mtce., \$700; wks. owned by city.

ALEXANDRIA, p. 600; f. area, 3 blocks. F. dept.—1 hose cart, 600 ft. hose; f. al., bell; val. equip., \$600; vol.

Water Supply—Src., wells, 500 ft. bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; 2 pump. eng., cap. day 874,400 gals.; mains, 1 1-5 m.; 4 hyd.; pres., dom. & f., 40 lbs.; cons. day, 10,000 gals.; cost, \$17,000; cost mtce., \$300; wks. owned by priv. Co.

ALLIANCE, p. 3,105; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 1/2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose car.; hose, rub. lined, gd., 2,500 ft.; inf., 2,500 ft.; tot. hose, 5,000 ft.; f. al., wh. & bell; val. equip., \$4,000; val. bldgs., \$8,000; tot. mem., 75 vol.

Water Supply—Src., wells, $\frac{3}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 93,200 gals., dim. 12 x 100, mat. stl., 4 pump. eng., cap. day, 1,000,000 gals.; mains, c. i., 11 m., 4 to 10 in. dia.; 90 hyd.; 650 met.; 660 serv.; pipe, galv. i. & lead; pres., dom. 42 lbs.; cons. day, 100,000 gals.; cost, \$30,000; cost mtce., \$1,500; wks. owned by city.

ALMA, p. 1,066; f. area, 640 a. F. dept.—2 hand hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$350; tot. mem., 25 vol.; undra. rating, first class.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day, 360,000 gals.; mains, 7 m.; 60 hyd.; 154 serv.; pres., dom. & f. 55 lbs.; cost, \$14,000; cost mtce., \$200; wks. owned by city.

ANSELMO, p. 400; f. area, 20 a. F. dept.—1 hose cart, ladders, etc.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; exp. dept., \$50; tot. mem., 16 vol.

Water Supply—Src., wells, $\frac{1}{4}$ block bus. cent.; sys., dir. pres.; stdp. cap., 18,000 gals.; 2 pump. eng., cap. day 40,000 gals.; mains 1 m.; 12 hyd.; 3 v.; 60 serv.; pres., dom. & f., 60 lbs.; cost, \$7,400; wks. owned by city.

ASHLAND, p. 1,379; f. area, 1,280 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—12 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,450 ft.; f. al., bell; val. equip., \$2,000; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump to res.; res. cap., 65,000 gals.; 2 pump. eng., cap. day 860,000 gals.; mains, $4\frac{1}{2}$ m., 4 to 8 in. dia.; 27 hyd.; 15 v.; 200 serv.; pipe, lead & iron; pres., dom. 55 lbs., f. 100 lbs.; cons. day, 54,000 gals.; cost, \$20,000; cost mtce., \$1,500; wks. owned by city.

ASHTON, p. 404; bldgs., mostly bk., 1 stor.; no f. dept.

Water Supply—Src., wells; 4 public cisterns.

ATKINSON, p. 810; f. area, 60 a.; merc. bldgs., stn. & wd., 2 stor.; priv., wd., 1 1/2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 comb. c. & h. wag., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$300; tot. mem., 30 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 83,000 gals.; 1 pump. eng., cap. day 500,000 gals.; mains, 2 1/2 m., 4 to 6 in. dia.; 29 hyd.; 5 v.; 40 serv.; pres., f. 100 lbs.; cons. day, 40,000 gals.; cost, \$10,000; cost mtce., \$500; wks. owned by village.

AUBURN, p. 2,729; f. area, 7 blocks; merc. bldgs., bk., stn. & wd., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, ladders, etc.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 100 ft.; tot. hose, 1,600 ft.; val. bldgs., \$500; tot. mem., 60 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.;

sys, pump to stdp.; stdp. cap., 150,000 gals. dim. 16 x 100 ft. mat. stil.; 2 pump. eng., class dup., cap. day, 140,000 gals.; mains, 11 m., 4 to 10 in. dia.; 84 hyd.; 78 v.; pres., dom. 100 lbs., f. 120 lbs.; cost, \$58,000; cost mtce., \$4,500; wks. owned by city.

AURORA, p. 2,680; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, double jacket, 1,400 ft.; inf., 300 ft.; tot. hose, 1,700 ft.; f. al., wh. & telp.; val. equip., \$1,800; tot. mem., 15 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to res., stdp. & dir.; stdp. cap., 60,000 gals. dim. 10 x 105, mat. stil.; res. cap., 90,000 gals., loc. 30 ft. station; 4 pump. eng., class comp. & dup., cap. day 624,000 gals.; mains, c. & wrt. l., 5 m., 4 to 10 in. dia.; 29 hyd.; 19 v.; met., 45; 450 serv.; pipe, wrt. l.; pres., dom. 28 to 45 lbs., f. 80 to 100 lbs.; cons. day, 50,000 gals.; cost, \$88,000; wks. owned by city.

AXTELL, p. 400; f. area, 80 a. F. dept.—1 gas eng., 1 h. & l. trk., 1 hose cart, ladders, etc.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$100; tot. mem., 32 vol.

Water Supply—Src., cisterns, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day, 5,000 gals.; pres., f. 125 lbs.; cost, \$1,000; cost mtce., \$250; wks. owned by city.

BANCROFT, p. 742. F. dept.—1 h. & l. trk., 2 hose carts; hose, 1,000 ft.; f. al., bell & telp.; tot. mem., 23 vol.

Water Supply—Src., wells; stdp. cap., 45,000 gals.; 1 pump. eng., class trip., cap. day 100,000 gals.; mains, 1½ m., 4 to 8 in. dia.; 14 hyd.; pres., dom. 25 to 65 lbs., f. 65 to 110 lbs.

BATTLE CREEK, p. 697; f. area, 70 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 900 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$25; tot. mem., 30 vol.

Water Supply—Src., 4 wells, in bus. cent.; sys., comp air; res. cap., 18,000 gals.; 1 pump. eng., class trip., cap. day 230,400 gals.; mains, c. l., 2½ m., 4 to 6 in. dia.; 17 hyd.; 7 v.; met., 12; pres., dom. 60 lbs., f. 100 lbs.; cost, \$11,000; wks. owned by city.

BEATRICE, p. 9,856; f. area, 5,500 a.; merc. bldgs., bk., 3 & 4 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose carts, 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., wh. & telp.; val. equip., \$12,000; val. bldgs., \$18,000; exp. dept., \$5,000; tot. mem., 150, pd. full time 4, vol. 146.

Water Supply—Src., well, 2 m. bus. cent.; sys., pump dir.; res. cap., 1,000,000 gals.; 3 pump. eng., cap. day 2,750,000 gals.; mains, c. l., 21 m., 2 to 16 in. dia.; 140 hyd.; 100 v.; 1,300 met.; 1,350 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 120 lbs.; cons. day, 1,000,000 gals.; cost, \$150,000; cost mtce., \$30,000; wks. owned by city.

BEAVER CITY, p. 1,000; f. area, 160 a. F. dept.—2 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$800; exp. dept., \$50; tot. mem., 21 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 2 pump. eng., cap. day, 57,600 gals.; mains, 5½ m.; 26 hyd.; 200 serv.; pres., dom. 80 to 125 lbs., f. 125 lbs.; cost, \$30,000; cost mtce., \$3,000; wks. owned by city.

BEAUGRADE, p. 450; f. area, 80 a. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$50; tot. mem., 25 vol.

Water Supply—Src., 6 wells, 3 blocks bus. cent.; sys., pump to stdp.; 1 pump. eng., cap. day 230,400 gals.; mains, c. l., 4 m.; 13 hyd.; 4 v.; 100 met.; 100 serv.; pres., dom. & f., 75 lbs.; cost, \$14,000; wks. owned by city.

BENNETT, p. 457. F. dept.—1 c. eng., 6 ladders; vol.

BENSON, p. 8,170; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., mostly wd., 1 to 2 stor.; iron rfs. in f. area; fwks. & combt. ord. F. dept.—1 comb. c. & hose wag., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels, 2

hrs.; hose, cot., rub. lined, gd., 1,800 ft.; rub. gd., 800 ft.; inf., 250 ft.; tot. hose, 2,350 ft.; f. al., bell & automatic; val. equip., \$1,000; val. bldgs., \$800; exp. dept., \$1,500; tot. mem., 28, pd. full time 1, pd. part time 2, 25 vol.

Water Supply—Src., 3 wells, 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 65,000 gals.; dim., 10 x 100; mat., stil.; res. cap., 85,000 gals.; 3 pump. eng., class elec., cap. 600 gals. min.; mains, c. l., 50,000 ft., 4 to 8 in. dia.; 50 hyd.; 25 v.; met., 500; pipe, galv. i.; pres., dom. 40 lbs., f. 100 to 300 lbs.; cost, \$53,000; wks. owned by city.

BERTRAND, p. 643; f. area, 240 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., elec. bell & telp.; val. equip., \$1,700; val. bldgs., \$1,200; exp. dept., \$275; tot. mem., 32 vol.

Water Supply—Src., 2 wells, 4 blocks bus. cent.; sys., pump to tk.; tk. cap., 50,000 gals.; 2 pump. eng., cap. day 200,000 gals.; mains, 3 m., 4 to 8 in. dia.; 18 hyd.; 10 v.; 21 met.; pres., dom. 40 lbs., f. 60 lbs.; cons. day, 15,000 gals.; cost, \$30,000; cost mtce., \$2,100; wks. owned by town.

BLAIR, p. 2,584; f. area, 240 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 c. eng., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., telp.; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 50 vol.; undrs. rating, first class.

Water Supply—Src., wells; sys., pump to res.; res. cap., 4,000,000 gals.; 2 pump. eng., cap. day 2,300,000 gals.; mains, c. l., 4 m., 6 to 8 in. dia.; 43 hyd.; 9 v.; met., 325; 381 serv.; pipe, wrt. i.; pres., dom. 100 lbs., f. 100 lbs.; cost, \$20,000; cost mtce., \$2,500; wks. owned by city.

BLOOMFIELD, p. 1,264. F. dept.—4 hose carts; hose, 2,000 ft.; f. al., bell & telp.; tot. mem., 30 vol.

Water Supply—Src., wells; stdp. cap., 30,000 gals.; 3 pump. eng., cap. day 720,000 gals.; mains, 2½ m., 4 to 8 in. dia.; 23 hyd.; pres., dom. 60 lbs., f. 90 lbs.

BLUE HILL, p. 761; f. area, 260 a.; merc. bldgs., bk., 1 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. limits; fwks. ord.; f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, rub. gd., 1,200 ft.; val. equip., \$1,800; val. bldgs., \$600; mem., 25 vol.; f. al., bell.

Water Supply—Src., 2 wells; sys., pump to res. & to stdp.; stdp. cap., 93,000 gals.; pump. eng., cap. day 75,000 gals.; 27 hyd.; mains, 2 m., 8 to 4 in. dia.; 12 v.; 75 met.; 87 taps; pres., 48 lbs.; cost, \$16,500 cost mtce., \$1,000; wks. owned by city.

BLUE SPRINGS, p. 712; f. area, 160 a.; merc. bldgs., wd., 1 & 2 stor.; wd. rfs. perm. No org. f. dept.—1 hose car.; hose, cot., rub. lined, gd., 450 ft.

Water Supply—Src., well, 600 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 320,000 gals., dim. 6 x 85; 1 pump. eng., cap. day 500,000 gals.; mains, 3,500 ft., 4 to 6 in. dia.; 15 hyd.; pres., dom. 25 lbs., f. 80 lbs.; cost, \$3,500; cost mtce., \$600; wks. owned by city.

BROKEN BOW, p. 2,260; f. area, 744 a.; merc. bldgs., bk., cem. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 3 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; rub. gd., 300 ft.; tot. hose, 1,500 ft.; f. al., bell, wh. & telp.; val. equip., \$3,500; val. bldgs., \$15,000; exp. dept., \$200; tot. mem., 30 vol.; undrs. rating, 4½ class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res. dir.; res. cap., 250,000 gals.; 1 pump. eng., cap. day 250,000 gals.; mains, c. l., 4 m., 2 to 10 in. dia.; 62 hyd.; met., 200; 442 serv.; pipe, galv. i.; pres., dom. & f. 60 lbs.; cons. day, 75,000 gals.; cost, \$30,000; cost mtce., \$4,500; wks. owned by city.

BRUNO, p. 250; f. area, 20 a. F. dept.—1 c. eng., hooks, ladders, buckets, etc.; 100 ft. c. hose; f. al., bell; val. equip., \$480; val. bldgs., \$2,800; vol.

No water works.

CALLAWAY, p. 1,000; f. area, 200 a. F. dept.—1 c. eng., 2 hand hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 28 vol.

Water Supply—Src., wells, 1-16 m. bus. cent.; sys., dir. pres.; stdp. cap., 14,000 gals.; 2 pump. eng.; mains, 2 m.; 16 hyd.; 15 v.; 60 met.; pres., dom. 60 lbs.; f. 80 lbs.; cost, \$8,000; cost mtce., \$1,000; wks. owned by city.

CARROLL, p. 400; f. area, 80 a. F. dept.—1 hose cart, 1 h. & l. trk., axes, rope, pails, etc.; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; val. equip., \$555; val. bldgs., \$40; tot. mem., 24 vol.

Water Supply—Src., well, 80 rds. bus. cent.; sys., pump to stdp.; stdp. cap., 65,000 gals.; 1 pump. eng., cap. day 20,000 gals.; mains, 8 m.; 11 hyd.; 3 v.; 2 met.; pres., dom. & f., 65 lbs.; cost, \$10,000; cost mtce., \$600; wks. owned by city.

CEDAR BLUFFS, p. 500; f. area, 12 blocks; bldgs., mostly frame. F. dept.—2 55-gal. c. eng., 2 air press. tk., cap. 24,000 gals.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., bell, wh. & telp.; tot. mem., 80 vol.; val. equip., \$2,000.

Water Supply—Src., wells in bus. cent.; sys., pump to res. & stdp.; stdp. cap., 24,000 gals.; dim. 8 x 40, mat. stl.; pump. eng., cap. day 175,000 gals.; mains, c. l., 2 m., 4 to 6 in. dia.; 19 hyd.; 13 v.; 90 serv.; pipe, galv. i.; pres., dom. 45 to 65 lbs.; f. 65 to 100 lbs.; cost, \$18,500; cost mtce., \$525; wks. owned by city.

CEDAR RAPIDS, p. 576; f. area, 200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 1,150 ft.; f. al., bell & telp.; val. equip., \$2,400; val. bldgs., \$1,100; exp. dept., \$60; tot. mem., 24 vol.

Water Supply—Src., wells, 1 block bus. cent.; sys., pump to res. & dir.; stdp. cap., 76,500 gals.; dim. 10 x 38, mat. bk. & cem.; 1 pump. eng., class trip., cap. min. 300 gals.; mains, c. l., 12,000 ft., 4, 6 & 8 in. dia.; 20 hyd.; 7 v.; 70 serv.; pipe, galv. i.; pres., dom. 45 lbs.; f. 90 lbs.; cost, \$12,000; cost mtce., \$500; wks. owned by city.

CENTRAL CITY, p. 2,428; merc. bldgs., wd. & bk., 3 & 4 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 200 ft.; inf., 100 ft.; tot. hose, 1,800 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$1,500; tot. mem., 45 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 90,000 gals.; dim. 12 x 110, mat. stl.; 1 pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. l., 5 m., 4, 6 & 8 in. dia.; 44 hyd.; 15 v.; met., 300; 300 serv.; pipe, galv. i.; pres., dom. 45 lbs.; f. 90 lbs.; cons. day 40,000 gals.; cost, \$125,800; cost mtce., \$1,800; wks. owned by city.

CHADRON, p. 2,687; f. area, 800 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts, 1 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$5,000; exp. dept., \$300; tot. mem., 30 vol.

Water Supply—Src., str., 8 m. bus. cent.; sys., grav., pump to res.; res. cap., 650,000 gals., loc. 1 m. south bus. cent.; pump. eng., cap. day 600,000 gals.; mains, c. l., 13 m., 8 in. dia.; 48 hyd.; 41 v.; 507 serv.; pipe, galv. i.; pres., for all purposes, 116 lbs.; cons. day, 430,000 gals.; cost mtce., \$1,400; wks. owned by city.

CLARKS, p. 605; f. area, 4 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 6 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; tot. mem., 23 vol.

Water Supply—Src., wells, 1 to 2 blocks bus. cent.; sys., pump dir.; pres. eng.; mains, 1 m., 4 in. dia.; 3 hyd.; pres., f. 60 lbs.; cost, \$2,500; wks. owned by town.

CLARKSON, p. 750; f. area, 80 a. F. dept.—1 c. eng., 2 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,050 ft.; f. al., bell & wh.; val. equip., \$1,850; val. bldgs., \$800; tot. mem., 23 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day, 86,400 gals.; mains, 1 3-5 m.; 20 hyd.; 8 v.; 128 serv.; pres., dom. & f. 60 lbs.; cost, \$10,000; cost mtce., \$500; wks. owned by city.

CLAY CENTER, p. 1,065. F. dept.—Hand hose carts; hose, 1,000 ft.; tot. mem., 30 vol.

Water Supply—Src., wells, in bus. cent.; sys., dir. pres.; stdp. cap., 60,000 gals.; res. cap., 57,000 gals.; 2 pump. eng., class trip., cap. day 400,000 gals.; mains, 5½ m., 2 to 8 in. dia.; 43 hyd.; 163 met.; pres., dom. 45 lbs.; f. 130 lbs.; cons. day, 100,000 gals.; cost, \$25,639; cost mtce., \$1,102; wks. owned by city.

CODY, p. 275; f. area, 200 a. F. dept.—1 c. eng.; vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.

COLUMBUS, p. 5,014; f. area, 720 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 c. ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,300 ft.; inf., 500 ft.; tot. hose, 2,800 ft.; f. al., bell, wh. & telp.; val. equip., \$8,000; val. bldgs., \$1,000; tot. mem., 74 vol.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. 100 ft. high, cap. 100,000 gals., dim. 12 x 100, loc. at station, mat. stl.; 2 pump. eng., class trip., cap. 700 gals. min.; mains, c. l., 9 m., 4 to 10 in. dia.; 62 hyd.; met., 500; 500 serv.; pipe, galv. i.; pres., dom. 40 lbs.; f. 100 lbs.; cons. day, 200,000 gals.; wks. owned by city.

COZAD, p. 1,000; f. area, 160 a. F. dept.—2 hose carts, 1 h. & l. trk.; f. al., bell; val. equip., \$600; exp. dept., \$100; vol.

Water Supply—Src., 3 wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; 2 pump. eng., cap. day 504,000 gals.; mains, c. l., ¼ m., 2 to 8 in. dia.; 42 hyd.; 10 v.; 148 met.; 148 serv.; pres., dom. 40 lbs.; f. 120 lbs.; cost, \$35,000; cost mtce., \$850; wks. owned by city.

CRAFTON, p. 600; f. area, 100 a. F. dept.—1 c. eng., 1 hose cart; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng.; 9 hyd.; wks. owned by city.

CRAWFORD, p. 1,323; f. area, 320 a.; bldgs., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose cart, hose, cot., rub. lined, gd., 1,350 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$800; tot. mem., 30 vol.

Water Supply—Src., spr., sys., grav.; res. cap. 300,000 gals.; mains, 3½ m., 8 in. dia.; 113 hyd.; 100 serv.; pres., dom. 75 lbs.; f. 75 lbs.; cost, \$20,000; cost mtce., \$50; wks. owned by town.

CREIGHTON, p. 1,373; f. area, 80 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk., 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$2,050; val. bldgs., \$800; tot. mem., 37 vol.

Water Supply—Src., wells & cisterns; sys., pump to stdp.; stdp. cap., 100,000 gals.; 1 pump. eng., class dup.; mains, 8 m., 4 to 6 in. dia.; 14 hyd.; 40 serv.; pres., dom. 54 lbs.; f. 95 lbs.; cost, \$9,000; cost mtce., \$500; wks. owned by village.

CRETE, p. 2,404; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. not perm. in f. area; combt. ord. F. dept.—1 h. & l. trk., 2 hose wag.; hose, rub. gd., 1,000 ft.; f. al., bell & wh.; tot. mem., 40 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day, 1,000,000 gals.; mains, 7½ m., 4 to 10 in. dia.; 55 hyd.; 30 v.; 450 met.; 450 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 60 to 125 lbs.; cons. day, 200,000 gals.; cost, \$35,000; cost mtce., \$1,500; wks. owned by city.

CULBERSON, p. 580; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 16 vol.

Water Supply—Src. well; sys. pump to stdp.; stdp. cap. 95,000 gals.; mains, 1 m., 4 to 6 in. dia.; 8 hyd.; cost, \$8,000; wks. owned by village.

DAKOTA CITY, p. 600; f. area, 100 a. F. dept.—1 hose wag, buckets, etc.; f. al. bell; val. equip., \$200; val. bldgs., \$400; vol. No water works.

DANNEBROG, p. 380; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 1 gasoline eng., 2 hose car.; hose, cot., rub. lined, 700 ft.; rub. gd., 400 ft.; tot. hose, 1,100 ft.; f. al. bell; val. equip., \$1,800; val. bldgs., \$250; tot. mem., 18 vol.

Water Supply—Src. riv.

DAVENPORT, p. 484; f. area, 30 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 10 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 400 ft.; rub. gd., 100 ft.; inf., 200 ft.; tot. hose, 700 ft.; f. al. bell; val. equip., \$975; val. bldgs., \$150; exp. dept., \$36; tot. mem., 12 vol.

Water Supply—Src., wells; 16 public cisterns.

DAVID CITY, p. 2,177; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al. bell & wh.; val. equip., \$1,750; val. bldgs., \$1,000; exp. dept., \$850; tot. mem., 50 vol.

Water Supply—Src. well; sys. pump to stdp. & dir.; stdp. cap. 85,000 gals., dim. 12 x 100, mat. iron; 1 pump. eng., cap. day 45,000 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 35 hyd.; 25 v.; met., 50; 160 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$25,000; cost mtce., \$2,000; wks. owned by city.

DECATUR, p. 800; f. area, 100 a. F. dept.—2 hose carts, ladders, etc.; hose, cot., rub. lined, gd., 1,000 ft.; f. al. bell; val. equip., \$1,000; val. bldgs., \$1,500; tot. mem., 45 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys. pump dir.; 1 pump. eng. class trip., cap. day, 145,000 gals.; mains, 2½ m.; 17 hyd.; pres., dom. & f. 86 lbs.; cost, \$15,000; wks. owned by city.

DESHLER, p. 700; f. area, 160 a. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al. bell; val. equip., \$1,000; exp. dept., \$75; tot. mem., 35 vol.

Water Supply—Src., well, in bus. cent.; sys. pump dir.; stdp. cap., 50,000 gals.; 1 pump. eng., cap. day 130,000 gals.; mains, 1 4-5 m., 4 to 6 in. dia.; 25 hyd.; 17 v.; pres., dom. 45 lbs., f. 75 lbs.; cons. day, 20,000 gals.; cost, \$18,500; cost mtce., \$650; wks. owned by city.

OE MITT, p. 675; f. area, 35 a.; merc. bldgs., bk., 1 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose reels, ladders, hooks, etc.; hose, cot., rub. lined, gd., 1,000 ft.; f. al. bell; val. equip., \$1,125; val. bldgs., \$400; exp. dept., \$25; tot. mem., 36 vol.; undra. rating, third class.

Water Supply—Src., wells, ½ m. bus. cent.; sys. pump to stdp.; stdp. cap., 40,000 gals.; 1 pump. eng., class trip., cap. day 432,000 gals.; mains, c. i., 3 m., 4 to 8 in. dia.; 38 hyd.; 43 met.; 44 serv.; pres., f. 40 lbs.; cost, \$21,500; cost mtce., \$400; wks. owned by city.

DONIPHAN, p. 500; f. area, 80 a. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 750 ft.; f. al. bell; val. equip., \$1,000; val. bldgs., \$1,250; vol.

Water Supply—Src., well, 1 m. bus. cent.; sys. grav.; 1 pump. eng., cap. day, 45,000 gals.; mains, 3 m.; 30 hyd.; pres., dom. 55 lbs., f. 100 lbs.; cost, \$18,000; wks. owned by city.

EDGAR, p. 1,080; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al. bell; val. equip., \$2,000; tot. mem., 21 vol.

Water Supply—Src., wells, in bus. cent.; sys. pump to stdp. & res.; stdp. cap., 95,650 gals., dim. 12 x 120; res. cap., 95,650 gals.; 1 pump. eng., class gas, cap. day 3,840,000 gals.; mains, iron, 1½ m., 4 to 8 in. dia.; 27 hyd.; met., 80; 120 serv.; p.p.e. iron; pres., dom. 50 lbs.; f. 60 lbs.; cons. day, 10,130 gals.; cost, \$13,000; wks. owned by city.

ELLWOOD, p. 464; f. area, 160 a. F. dept.—2 hose carts, ladders, axes, picks, etc.; 700 ft. hose; f. al. bell; val. equip., \$500; val. bldgs., \$150; exp. dept., \$50; tot. mem., 20 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys. pump to stdp.; 2 pump. eng.; pres., dom. & f., 42 lbs.; cost, \$12,000; cost mtce., \$3,000; wks. owned by city.

ELM CREEK, p. 600; f. area, 10 a. F. dept.—2 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 800 ft.; f. al. bell; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 31 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys. pump dir.; 1 pump. eng., cap. day, 5,000 gals.; mains, 1,200 ft.; 19 hyd.; pres., dom. 10 lbs., f. 60 to 80 lbs.; cost, \$12,000; cost mtce., \$600; wks. owned by village.

ELMWOOD, p. 635; f. area, 6 sq. blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 12 c. hand ex., 1 comb. c. & h. wag., 2 hose car.; hose, cot., rub. lined, gd., 900 ft.; rub. gd., 200 ft.; inf., 250 ft.; tot. hose, 1,550 ft.; f. al. bell; val. equip., \$2,500; val. bldgs., \$150; exp. dept., \$50; tot. mem., 18 vol.

Water Supply—Src., wells, in bus. cent.; sys. pump dir.; stdp. dim. 16 x 16, mat. stl.; res. cap., 25,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 1 m., 4, 5 & 6 in. dia.; 8 hyd.; 2 v.; 25 serv.; pipe, galv. i.; pres., dom. 80 to 60 lbs., f. 80 lbs.; cons. day, 2,000 gals.; cost, \$5,000; cost mtce., \$200; wks. owned by village.

EUSTIS, p. 540; f. area, 200 a. F. dept.—not reported.

Water Supply—Src., well, in bus. cent.; sys. pump dir.; 1 pump. eng., cap. day 60,000 gals.; mains, c. i., 3¼ m.; 22 hyd.; 16 v.; pres., dom., 60 lbs.; cons. day, 20,000 gals.; cost, \$20,000; wks. owned by city.

FAIRBURY, p. 5,394; f. area, 600 a.; merc. bldgs., bk., 1 to 3 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag., 1 hose car., 2 hse.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al. telp. & wh.; val. equip., \$3,000; val. bldgs., \$4,000; exp. dept., \$8,000; tot. mem., 30, pd. full time 2, pd. part time 28.

Water Supply—Src., 2 wells & spr., 1½ m. bus. cent.; sys. pump to stdp.; stdp. cap., 84,500 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 14¼ m., 4 to 12 in. dia.; 127 hyd.; 20 v.; 900 met.; pres., dom. 60 to 85 lbs., f. 115 lbs.; cons. day, 240,000 gals.; cost, \$49,200; cost mtce., \$5,904; wks. owned by city.

FAIRFIELD, p. 1,054; f. area, 4 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 10 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al. bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 30 vol.

Water Supply—Src., cisterns & well.

FAIRMONT, p. 921; f. area, 100 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1½ stor.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al. bell & wh.; val. equip., \$1,500; val. bldgs., \$200; tot. mem., 27 vol.

Water Supply—Src., well, 1 block bus. cent.; sys. pump to stdp.; stdp. cap., 85,000 gals., dim. 12 x 100; 1 pump. cap. day 500,000 gals.; mains, c. & wrt. i., 4 m., 2 to 8 in. dia.; 17 hyd.; 13 v.; met., 93; 235 serv.; pipe, wrt. i.; pres., dom. 25 to 45 lbs., f. 80 to 100 lbs.; cons. day, 60,000 gals.; cost, \$23,000; cost mtce., \$1,000; wks. owned by priv. Co.

FALLS CITY, p. 3,255; f. area, 8 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 supply cart, 2 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; f. al. bell, wh. & telp.; val. equip., \$2,100; val. bldgs., \$700; tot. mem., 30 vol.; undra. rating, first class.

Water Supply—Src., wells; sys. pump to res. to stdp. & d.r.; stdp. cap., 850,000 gals.; res. cap., 287,000 gals.; pump. eng., cap. day 590,000

gals.; mains, c. i., 6 m., 4 to 12 in. dia.; 41 hyd.; 11 v.; met., 22; 179 serv.; pipe, c. i. & lead; pres., dom. 35 lbs., f. 100 lbs.; cost, \$32,000; cost mtce., \$6,500; wks. owned by city.

FLORENCE, p. 1,526. F. dept.—Not reported. Water Supply—Src., Missouri riv.; site of pump. station & basins of Omaha Water Co., & is supplied by that company.

FRANKLIN, p. 949. F. dept.—c hand ex., 2 h. & l. trk.; hose, 1,250 ft.; f. al., wh.; val. equip., \$1,000 val. bldgs., \$300; tot. mem., 25 vol.

Water Supply—Src., wells; stdp. cap., 250,000 gals.; 1 pump. eng., cap. day 225,000 gals.; mains, 3 m., 4 to 6 in. dia.; 21 hyd.; pres., dom. 48 lbs., f. 75 lbs.

FREMONT, p. 8,718; f. area, 1,000 a.; merc. bldgs., bk. & 2 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose wag., 4 hose car., hrs. hired; hose, rub., gd., 3,700 ft.; f. al., elec., 10 bx.; val. equip., \$12,000; val. bldgs., \$15,000; tot. mem., 210 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 180,000 gals., dim. 14 x 104, mat. stl.; pump. eng., cap. day 3,000,000 gals.; mains, c. i., 3½ m., 4 to 12 in. dia.; 135 hyd.; 100 v.; met., 325; 2,000 serv.; pipe, galv. i. & lead; pres., dom. 43 lbs., f. 80 to 140 lbs.; cons. day, 1,000,000 gals.; cost, \$110,000; cost mtce., \$25,000; wks. owned by city.

FRIEND, p. 1,261; f. area, 320 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 2 hose wag., 2 hose reels; hose, rub., gd., 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$25; tot. mem., 42 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. day 400,000 gals.; mains, 6 m., 4 to 8 in. dia.; 319 met.; 340 serv.; 29 v.; 61 hyd.; pres., dom. 40 lbs., f. 48 lbs.; cost, \$19,500; cost mtce., \$2,100; wks. owned by city.

FULLERTON, p. 1,638; f. area, 500 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex. 1 h. & l. trk., 1 hose wag., 3 hose carts; hose, cot., rub. lined, gd., 1,450 ft.; f. al., bell; tot. mem., 41 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to res.; res. cap., 96,000 gals., loc. on hill; pump. eng., class trip.; cap. day, 648,000 gals.; mains, iron, 4 ½ m., 4 to 8 in. dia.; 55 hyd.; met., 138; pres., dom. 66 lbs.; cost, \$31,500; cost mtce., \$750; wks. owned by city.

GENEVA, p. 1,741; f. area, 12 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1, 2 & 3 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, rub., gd., 1,300 ft.; inf., 500 ft.; tot. hose, 1,800 ft.; f. al., bell & wh.; val. equip., \$2,300; val. bldgs., \$500; exp. dept., \$50; tot. mem., 21 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 94,000 gals.; pump. eng., cap. day 250,000 gals.; mains, c. i., 7 ½ m., 4 to 8 in. dia.; 34 hyd.; 250 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 50 lbs.; cost, \$27,000; cost mtce., \$2,200; wks. owned by city.

GENOA, p. 1,376; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 750 ft.; f. al., bell; val. of bldgs., \$4,000; tot. mem., 16 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 100,000 gals.; mains, 2 m., 4 to 10 in. dia.; 17 hyd.; pres., dom. 45 lbs., f. 75 lbs.; cost, \$9,000; cost mtce., \$1,500; wks. owned by town.

GIBBON, p. 718; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 ½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, rub., gd., 800 ft.; f. al., bell & wh.; val. equip., \$1,800; val. bldgs., \$500; tot. mem., 41 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 60,000 gals.; 3 ½ m. mains, 4 & 6 in. dia.; 22 hyd.; 1 pump. eng.; pres., dom. 55 lbs., f. 60 lbs.; cost, \$15,000; cost mtce., \$500.

GORDON, p. 920; f. area, 640 a.; bldgs., wd. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot.,

rub. lined, gd., 1,000 ft.; f. al., bell & tarp; tot. mem., 25 vol.

Water Supply—Src., well, 3 ¼ blocks bus. cent.; sys., pump to stdp.; stdp. cap., 48,000 gals., dim. 10 x 70, mat. iron; 1 pump. eng., cap. day 150,000 gals.; mains, iron, ¼ m., 6 in. dia.; 7 hyd.; pres., dom. 45 lbs., f. 150 lbs.; cost, \$5,000; cost mtce., \$500; wks. owned by city.

GRAND ISLAND, p. 10,326; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—1 comb. c. & hose wag., 2 h. & l. trks., 4 hose car., 3 hrs.; hose, rub., gd., 3,000 ft.; f. al. tarp, 20 bx.; val. equip., \$40,000; val. bldgs., \$1,000; exp. dept., \$4,400; tot. mem., 80, pd. full time 5, vol. 75.

Water Supply—Src., wells, in bus. cent.; sys., dir. pres.; res. cap., 250,000 gals.; 3 pump. eng., cap. day 7,000,000 gals.; mains, c. i., 20 m., 4 to 10 in. dia.; 99 hyd.; 68 v.; met., 991; pipe, lead & galv. i.; pres., dom. 45 lbs., f. 120 lbs.; cost, \$115,000; cost mtce., \$10,000; wks. owned by city.

GRANT, p. 858; f. area, 320 a.; merc. bldgs., wd., 1 & 1 ½ stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$300; exp. dept., \$100; tot. mem., 25 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to res. & stdp.; stdp. cap., 96,000 gals., dim. 14 x 75, mat. iron; res. cap., 65,000 gals.; 1 pump. eng., cap. day 250,000 gals.; mains, c. i., 3 m., 4 in. dia.; 15 hyd.; 76 v.; pres., dom. 76 lbs., f. 90 lbs.; cons. day, 15,000 gals.; cost, \$20,000; cost mtce., \$1,200; wks. owned by Co.

HARDY, p. 500; f. area, 200 a. F. dept.—hose cart; hose, cot., rub. lined, gd., 500 ft.; f. al., wh. & tarp; val. equip., \$600; val. bldgs., \$500; exp. dept., \$40; tot. mem., 20 vol.

Water Supply—Src., 2 wells; 1 m. bus. cent.; sys., pump. dir.; 1 pump. eng., cap. day, 125,000 gals.; mains, 2 m.; 30 hyd.; 65 serv.; pres., dom. 50 lbs., f. 80 lbs.; cost, \$16,000; cost mtce., \$3,200; wks. owned by city.

HARTINGTON, p. 1,500; f. area, 100 a. F. dept.—2 hand c. ex., 2 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,500; tot. mem., 80 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 80,000 gals.; 2 pump. eng.; cap. day, 800,040 gals.; mains, 3 3-5 m., 2 to 8 in. dia.; 28 hyd.; 17 v.; pres., dom. 4 f. 80 lbs.; wks. owned by city.

HARVARD, p. 1,102; f. area, 8 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, rub., gd., 1,500 ft.; inf., 100 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$500; tot. mem., 33 vol.

Water Supply—Src., wells, 1 block bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 93,000 gals., dim. 12 x 110, mat. stl.; 2 pump. eng., cap. day 230,000 gals.; mains, iron, 3 m., 4 to 8 in. dia.; 38 hyd.; met., 120; 120 serv.; pres., dom. 50 lbs., f. 50 lbs.; cost, \$16,000; cost mtce., \$965; wks. owned by village.

HASTINGS, p. 9,383; f. area, 80 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk. & wd., 1 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 1 hose wag., 1 hose cart, 3 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 1,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$6,500; val. bldgs., \$3,000; exp. dept., \$4,000; tot. mem., 24, pd. full time 4, pd. part time 20.

Water Supply—Src., wells; sys., air lift to res. pump to stdp.; stdp. cap., 250,000 gals., dim. 20 x 126; res. cap., 300,000 gals.; 2 pump. eng., cap. day 6,000,000 gals.; mains, 82 m., 4 to 16 in. dia.; 143 hyd.; 100 v.; met., 2,600; 2,630 serv.; pipe, lead & galv. i.; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 700,000 gals.; cost, \$184,000; cost mtce., \$8,000; wks. owned by city.

HAVELOCK, p. 2,680; f. area, 800 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. eng., 3 hose carts; hose, cot., rub. lined, gd., 2,400 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,300; exp. dept., \$100; tot. mem., 40 vol.

Water Supply—Src., C., B. & Q. R. R. Co.; mains, 1 m.

HAY SPRINGS, p. 408; f. area, 40 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 250 ft.; inf., 650 ft.; tot. hose, 900 ft.; f. al., bell; val. equip., \$1,750; val. bldgs., \$2,500; exp. dept., \$45; tot. mem., 20 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 502,000 gals.; pump. eng., cap. day 12,000 gals.; mains, $\frac{1}{4}$ m., 4 to 6 in. dia.; 6 hyd.; 21 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 45 to 90 lbs.; cost, \$5,000; cost mtce., \$100; wks. owned by village.

HEBRON, p. 1,778; f. area, 15 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose wag.; hose, gd., 1,100 ft.; f. al., bell & wh.; val. equip., \$2,000; exp. dept., \$125; tot. mem., 42 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 85,000 gals., dim 12 x 100; mat., iron; 2 pump. eng., class dup., cap. day, 250,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 42 hyd.; met., 200; 210 serv.; pres., dom. 70 lbs., f. 100 lbs.; cost, \$30,000; cost mtce., \$1,500; wks. owned by city.

HOLDREDGE, p. 3,030; f. area, 160 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 3 hose car.; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$4,000; val. bldgs., \$4,000; exp. dept., \$150; tot. mem., 29 vol.

Water Supply—Src., wells, 600 ft. bus. cent.; sys., pump to res., stdp. & dir.; stdp. cap., 148,000 gals., dim. 15 x 110; pump. eng., cap. day 600,000 gals.; mains, c. i., 5 m., 4 to 12 in. dia.; 64 hyd.; met., 280; 500 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 lbs.; cost, \$75,000; cost mtce., \$5,000; wks. owned by city.

HOMER, p. 600; f. area, 40 a. F. dept.—1 hand eng.; f. al., bell; val. equip., \$1,500; val. bldgs., \$500; tot. mem., 22 vol.

Water Supply—Src., spring, 1 m. bus. cent.; sys., dir. pres.; 2 pump. eng., cap. day, 80,000 gals.; mains, 3,000 ft.; 18 hyd.; pres., dom. 57 lbs., f. 100 lbs.; cost, \$9,500; wks. owned by city.

HOOPER, p. 741; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, rub., gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,600; exp. dept., \$125; tot. mem., 30 vol.

Water Supply—Src., wells, 4 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals., dim. 12 x 36, mat. stl.; pump. eng., cap. day 100,000 gals.; mains, c. i., 2 $\frac{1}{2}$ m., 4 to 6 in. dia.; 18 hyd.; 7 v.; met., 20; 420 serv.; pipe, galv. i.; pres., dom. 45 to 50 lbs., f. 100 lbs.; cons. day, 20,000 gals.; cost, \$11,500; cost mtce., \$250; wks. owned by city.

HOWELL, p. 1,000; f. area, 100 a. F. dept.—2 hose carts, h. & l. trk., axes, buckets, etc.; hose, cot., rub. lined, gd., 950 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$150; tot. mem., 30 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng.; cap. day, 500 gals.; mains, 1 $\frac{1}{2}$ m.; 12 hyd.; 3 v.; pres., dom. 55 lbs., f. 85 lbs.; cost, \$9,000; cost mtce., \$3,000; wks. owned by village.

HUMBOLDT, p. 1,176; f. area, 320 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 3 hose wag.; hose, rub. lined, 1,200 ft.; f. al., bell; exp. dept., \$50; tot. mem., 30 vol.

Water Supply—Src., creek, 30 rods bus. cent.; sys., pump to res., stdp. & dir.; stdp. cap., 94,000 gals., dim. 20 x 40, mat. stl.; res. cap., 1,000,000 gals., loc. near creek; 1 pump. eng., class stn., cap. day 500,000 gals.; mains, iron, 5 m., 4, 6 & 8 in. dia.; 36 hyd.; 31 v.; met., 8; 162 serv.; pipe, galv. & wrt. i.; pres., dom. 50 lbs., f. 125 lbs.; cons. day, 80,000 gals.; cost, \$19,000; cost mtce., \$1,000; wks. owned by city.

HUMPHREY, p. 1,000; f. area, 50 a. F. dept.—1 c. eng., 2 hose carts, 1 h. & 1 trk.; f. al., bell val. equip., \$1,800; val. bldgs., \$10,000; exp. dept., \$75; tot. mem., 60 vol.

Water Supply—Src., 2 wells, 1 m. bus. cent.;

sys., pump dir.; 2 pump. eng., cap. day, 210,500 gals.; mains, 2 m.; 4 to 8 in. dia.; 24 hyd., 6 v.; pres., dom. & f. 45 lbs.; cost, \$12,000; cost mtce., \$700; wks. owned by city.

KEARNEY, p. 6,202; f. area, 3,250 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto, comb. c. & h. wag., 3 h. & 1 trk., 6 c. hand ex., 5 hose carts; hose, rub., gd., 2,750 ft.; val. equip., \$10,000; val. bldgs., \$25,000; exp. dept., \$1,500; tot. mem., 125 vol.

Water Supply—Src., wells; sys., pump dir.; res. cap., 150,000 gals.; 2 pump. eng., class dup., cap. day 7,700,000 gals.; mains, 18 m., 6 to 14 in. dia.; 160 hyd.; 23 v.; met., 32; pres., dom. 35 lbs., f. 80 to 100 lbs.; cons. day, 800,000 gals.; wks. owned by Co.

LEXINGTON, Dawson Co., p. 2,059; bldgs., wd. & bk.; wd. rfs. perm. F. dept.—2 hose car.; hose, gd., 1,000 ft.; inf., 1,000 ft.; tot. hose, 2,000 ft.; f. al., bell & telp.; exp. dept., \$400; tot. mem., 50 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 93,307 gals.; dim., 110 x 12; mat., stl.; 2 pump. eng., cap. day, 1,000,000 gals.; mains, 2 $\frac{1}{2}$ m.; 55 hyd.; met., 105; 60 serv.; cons. day, 50,000 gals.; pres., dom. 48 lbs., f. 85 lbs.; cost, \$25,000; wks. owned by city.

LINCOLN, Lancaster Co., p. 43,973; merc. bldgs., stn. & bk., 2 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto, comb. c. & h. wag., 1 auto, pumper & hose wag., 1 str., 1 c. eng. in reserve, 10 c. hand ex., 1 aer. trk., 3 h. & 1 trk., 4 hose wag., 20 hrs.; hose, cot., rub. lined, 9,950 ft.; f. al., elec., 40 bx.; val. equip., \$52,342; val. bldgs., \$35,500; exp. dept., \$54,609; tot. mem., 46, pd. full time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 3,750,000 gals.; mat. conc.; pump. eng., cap. day, 5,000,000 gals.; mains, c. i., 8 $\frac{1}{2}$ m., 4 to 20 in. dia.; 680 hyd.; 492 v.; met., 3,291; 3,878 serv.; pipe, lead; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 3,085,000 gals.; cost, \$842,221; cost mtce., \$44,332; wks. owned by city.

LINWOOD, p. 320; f. area, 60 a. F. dept.—1 c. eng., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., wells.

LONG PINE, p. 781; f. area, 160 a.; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 2 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$2,600; val. bldgs., \$250; tot. mem., 15 vol.

Water Supply—Src., spr.; sys., pump to stdp.; stdp. cap., 50,000 gals.; pump. eng., cap. day 250,000 gals.; mains, 3 m., 4 to 6 in. dia.; 21 hyd.; 77 serv.; cost, \$10,000; cost mtce., \$1,000; wks. owned by city.

LOUP, p. 1,128; f. area, 40 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 $\frac{1}{2}$ & 2 stor.; wd. rfs. perm. F. dept.—1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 200 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$500; tot. mem., 25 vol.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 100,000 gals.; pump. eng., class dup., cap. day 215,000 gals.; mains, 2 m., 4 to 6 in. dia.; 14 hyd.; 17 serv.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$15,000; cost mtce., \$350; wks. owned by town.

LUSHTON, p. 200; f. area, 50 a. F. dept.—1 c. eng.; f. al., bell; val. equip., \$400; val. bldgs., \$200; exp. dept., \$25; vol.

Water Supply—Src., wells.

LYNCH, p. 533; f. area, 60 a. F. dept.—2 hose carts, 1 h. & 1 trk.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$1,000; exp. dept., \$282; tot. mem., 22 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 2 pump. eng.; cap. day, 86,400 gals.; mains, 1 $\frac{1}{2}$ m.; 8 hyd.; 38 serv.; pres., dom. & f. 65 lbs.; cost, \$10,600; wks. owned by city.

LYONS, p. 865; bldgs., mostly wood. F. dept.—1 h. & 1 trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,300 ft.; tot. mem., 30 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 58,000 gals., dim. 100 x 10, mat. stl.; pump. eng., cap. day 500,000 gals.; mains, 4 to 8 in. dia.; 24 hyd.; met., 80; 200 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 125 lbs.; cost, \$12,000; wks. owned by town.

McCOOK, p. 3,765; f. area, 375 a.; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 350 ft.; tot. hose, 1,350 ft.; f. al., elec.; val. equip., \$1,800; exp. dept., \$450; tot. mem., 26 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 235,000 gals.; 2 pump. eng., class dup., cap. day 3,500,000 gals.; mains, 13 m., 3 to 12 in. dia.; 51 hyd.; 47 v.; 850 met.; 850 serv.; pres., dom. 45 lbs., f. 80 lbs.; cons. day, 350,000 gals.; cost, \$80,000; cost mtce., \$8,500; wks. owned by city.

MADISON, p. 1,708; f. area, 200 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,800; exp. dept., \$45; tot. mem., 48 vol.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 105,750 gals., dim. 20 x 45, mat. stl.; 2 pump. eng., cap. day 1,375,000 gals.; mains, c. l., 5 m., 2 to 8 in. dia.; 33 hyd.; pipe, c. l.; pres., dom. 70 lbs., f. 100 lbs.; wks. owned by city.

MASON CITY, p. 480; f. area, 60 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 16 vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 50,000 gals., dim. 17 x 30; pump. eng.; mains, 4 m., 4 to 6 in. dia.; 16 hyd.; 60 serv.; pipe, galv. i.; cost, \$5,000; cost mtce., \$150; wks. owned by village.

MILFORD, p. 716; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$150; tot. mem., 29 vol.

Water Supply—Src., pump, by force, pump at mill; stdp. cap., 50,000 gals.; 1 trip. pump. eng., cap. 280 gals. min.; pump. eng., cap. day 980,000 gals.; mains, 3¼ m., 3 to 6 in. dia.; 24 hyd.; 7 serv.; pres., 70 lbs.

MINDEN, p. 1,559; f. area, 4 blocks; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; f. al., wh.; tot. mem., 48 vol.

Water Supply—Src., well; sys., pump to res., to stdp. & dir.; stdp. cap., 98,000 gals., dim. 12 x 110; res. cap., 50,000 gals.; 4 pump. eng., cap. day, 480,000 gals.; mains, c. l., 4¼ m., 4 to 8 in. dia.; 53 hyd.; 28 v.; met., 250; 850 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 120 lbs.; cost, \$25,000; cost mtce., \$4,000; wks. owned by city.

NEBRASKA CITY, p. 5,488; f. area, 2,000 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 1 to 5 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 3,000 ft.; tot. hose, 3,500 ft.; f. al., bell; val. equip., \$15,000; val. bldgs., \$8,500; exp. dept., \$2,500; tot. mem., 61, pd. full time 8 vol. 58; undra. rating, fourth class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals., mat. stl.; res. cap., 2,000,000 gals.; 5 pump. eng., class comp., cap. day 2,800,000 gals.; mains, c. l., 11 m., 4 to 12 in. dia.; 100 hyd.; 65 v.; met., 350; 400 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 85 to 100 lbs.; cons. day, 750,000 gals.; cost, \$215,000; cost mtce., \$8,500; wks. owned by Co.

NELIGH, p. 1,566; f. area, 400 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$250; tot. mem., 35 vol.

Water Supply—Src., riv. & 4 wells, 900 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 52,000 gals., mat. stl.; 2 pump. eng., cap. day 400,000 gals.; mains, 4 3-4 m., 3 to 6 in. dia.; 33 hyd.; 13 v.; 305 serv.; 91 met.; pipe, iron; pres., dom. 75 lbs., f. 75 lbs.; cost, \$26,000; cost mtce., \$1,500; wks. owned by city.

NEWCASTLE, p. 700; f. area, 40 a. F. dept.—hose cart; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$200; exp. dept., \$100; tot. mem., 25 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng.; cap. day, 388,800 gals.; mains, 4,000 ft.; 12 hyd.; pres., dom. & f. 60 lbs.; cost, \$8,000; cost mtce., \$600; wks. owned by city.

NIORARA, p. 800; f. area, 40 a. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., dir. pres.; 5 hyd.; wks. owned by city.

NORFOLK, p. 6,025; f. area, 3,000 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 2 c. hand ex., 4 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 1,000 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$2,800; val. bldgs., \$4,500; exp. dept., \$148; tot. mem., 56 vol.

Water Supply—Src., wells, 2¼ blocks bus. cent.; sys., pump to stdp.; stdp. cap., 1,000,000 gals., dim. 12 x 110; 2 pump. eng., cap. day 2,300,000 gals.; mains, 7 m., 4 to 10 in. dia.; 90 hyd.; 25 v.; met., 170; 500 serv.; pres., f. 80 lbs.; cost, \$75,000; cost mtce., \$3,200; wks. owned by city.

NORTH BEND, p. 1,105; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 1,400 ft.; inf., 100 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$4,000; tot. mem., 55 vol.

Water Supply—Src., wells, 1 block bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 41,000 gals., dim. 10 x 70, mat. iron; 2 pump. eng., cap. day 1,000,000 gals.; mains, 2½ m., 4 to 6 in. dia.; 19 hyd.; 90 serv.; pipe, galv. i.; pres., dom. 30 lbs., f. 80 lbs.; cons. day, 40,000 gals.; cost, \$12,000; wks. owned by city.

NO. PLATTE, p. 4,793; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 1 auto. comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,500 ft.; tot. hose, 4,500 ft.; f. al., bell & wh.; tot. mem., 48 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump dir.; 3 pump. eng., cap. day, 5,500,000 gals.; mains, c. l., 16½ m., 4 to 12 in. dia.; 45 v.; 580 met.; 74 hyd.; 1,100 serv.; pres., dom. 60 lbs., f. 100 to 125 lbs.; cost, \$180,000; cost mtce., \$10,000; wks. owned by city.

OAKLAND, p. 1,073; f. area, 10 blocks; bldgs., bk. & wd., 2 stor. F. dept.—1 hose wag., 2 h. & l. trk., 2 hose wag., 2 c. eng.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$600; val. bldgs., \$450; tot. mem., 25 vol.

Water Supply—Src., wells; sys., pump to res. & stdp.; stdp. cap., 43,000 gals., dim. 12 x 50, mat. iron; res. cap., 23,000 gals.; pump. eng., cap. day 3,000,000 gals.; mains, 3 m.; 13 hyd.; 155 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 90 to 100 lbs.; cons. day, 45,000 gals.; cost, \$12,000; cost mtce., \$1,700; wks. owned by city.

OHIOA, p. 400; f. area, 20 a. F. dept.—2 c. eng., 1 h. & l. trk.; f. al., bell; val. equip., \$350; vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 2 pump. eng.; cap. day, 5,000 gals.; wks. owned by city.

OMAHA, p. 124,096; f. area, 24¼ sq. m.; merc. bldgs., stn., bk. & wd., 1 to 18 stor.; priv., stn., bk. & wd., 1 to 8 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—4 str. (1 in reserve), 4 h. & l. trk. (2 in reserve), 1 comb. h. & l. trk. & c., 22 c. hand ex., 11 hose wag. (2 in reserve), 1 comb. c. & h. wag., 3 aux. comb. c. & h. wag., 2 chief's buggies (1 in reserve), 1 chief's auto., 2 c. eng. in reserve, 2 fuel wag., 60 hrs.; hose, cot., rub. lined, gd., 27,000

ft., 7,000 ft., in reserve; f. al., Gamewell, 111 bx.; val. bldgs., \$200,000; exp. dept., \$248,000; tot. mem., 208; pd. full time.

Water Supply—Src., riv., 7 m. bus. cent.; sys., pump to res.; res. cap., 129,000,000 gals.; loc. at Walnut Hill; 13 pump. eng., cap. day 128,000,000 gals.; mains, c. l., 250 m., 6 to 48 in. dia.; 1,587 hyd.; 1,500 v.; met., 18,883; pipe, lead; pres., dom. 60 to 110 lbs., f. 60 to 110 lbs.; cons. day, 14,000,000 gals.; wks. owned by city.

O'NEILL, p. 2,089; f. area, 820 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,100 ft.; inf., 200 ft.; tot. hose, 1,300 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$150; tot. mem., 21 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 59,000 gals., dim. 10 x 100, mat. stl.; pump. eng., cap. day 600,000 gals.; mains, iron, 6 m., 4 to 8 in. dia.; 22 hyd., 15 v.; 85 serv.; pipe, iron; pres., dom. 55 lbs., f. 140 lbs.; cons. day, 200,000 gals.; cost, \$25,000; cost mtce., \$1,000; wks. owned by city.

ORD, p. 1,960; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$500; tot. mem., 67 vol.; undra. rating, first class.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump to res.; res. cap., 3,500 bbls., loc. 7,764 ft. from station; 1 pump. eng., class comp., cap. day 135,000 gals.; mains, c. l., 4¼ m., 4 to 8 in. dia.; 30 hyd.; 17 v.; met., 105; 250 serv.; pipe, wrt. i.; pres., dom. 60 lbs., f. 65 lbs.; cons. day, 30,000 gals.; cost, \$26,500; cost mtce., \$1,600; wks. owned by city.

ORMOND, p. 700; f. area, 160 a. F. dept.—1 h. & 1. trk., 2 hose carts, 2 c. eng., 12 hand c. ex.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 200 ft.; inf., 400 ft.; tot. hose, 1,400 ft.; f. al., bell; val. equip., \$2,300; val. bldgs., \$3,000; exp. dept., \$350; tot. mem., 29 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 8 pump. eng.; cap. day, 864,000 gals.; mains, 2 m.; 35 hyd.; 85 serv.; pres., dom. 63 lbs., f. 80 lbs.; cost, \$16,000; cost mtce., \$400; wks. owned by city.

PAWNEE CITY, p. 1,610; f. area, 320 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 2 hose car.; hose, rub., gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$1,800; val. bldgs., \$1,250; tot. mem., 40 vol.

Water Supply—Src., wells, 1 block bus. cent.; sys., pump to res., stdp. & dir.; stdp. cap., 80,000 gals., dim. 12 x 100, mat. stl.; 1 pump. eng., class dup., cap. day 1,000,000 gals.; mains, iron, 4¼ m., 4 to 10 in. dia.; 85 hyd.; 30 v.; 175 serv.; pipe, iron; pres., dom. 60 to 70 lbs., f. 60 to 80 lbs.; cons. day, 25,000 gals.; cost, \$35,000; cost mtce., \$1,500; wks. owned by city.

PENDER, p. 804; bldgs., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & 1. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 58,500 gals., dim. 10 x 100, mat. stl.; pump. eng., class dup., cap. day 780,000 gals.; mains, iron, 2½ m., 4 to 10 in. dia.; 21 hyd.; 30 v.; 150 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 to 150 lbs.; cost, \$29,000; cost mtce., \$1,000; wks. owned by town.

PERU, p. 1,050; f. area, 240 a. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$600; val. bldgs., \$100; exp. dept., \$50; tot. mem., 20 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; stdp. cap., 60,000 gals.; 3 pump. eng.; cap. day, 432,000 gals.; mains, 4 m., 2 to 6 in. dia.; 42 hyd.; 9 v.; pres., dom. 80 to 140 lbs., f. 140 lbs.; cost, \$20,000; wks. owned by city.

PIERCE, p. 1,200; f. area, 40 a. F. dept.—1 c. eng., 2 hose carts, 1 h. & 1. trk.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$700; exp. dept., \$200; tot. mem., 40 vol.; undra. rating, second class.

Water Supply—Src., 2 wells, 1 m. bus. cent.; sys., pump to stdp.; 2 pump. eng.; cap. day, 482,000 gals.; mains 2½ m., 38 hyd.; pres., dom. 50 lbs., f. 125 lbs.; cost, \$12,000; cost mtce., \$800; wks. owned by city.

PLATTSMOUTH, p. 4,287; f. area, 40 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1. trk., 4 hose carts; hose, cot., rub. lined, gd., 2,300 ft.; f. al., wh.; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$450; tot. mem., 30 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; cap., 295,000 gals.; dim., 25 x 80; mat., stl.; res. cap., 1,000,000 gals.; loc. at station; 2 pump. eng., class comp.; cap. day, 2,000,000 gals.; mains, c. l., 7 m., 4 to 12 in. dia.; 54 v.; 86 hyd.; met., 208; 515 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 85 lbs.; cons. day, 240,000 gals.; wks. owned by Co.

PLYMOUTH, p. 500; f. area, 20 a.; F. dept.—1 hose cart; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$10,000; tot. mem., 13 vol.; undra. rating, first class.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng.; cap. day, 15,000 gals.; mains, 1,500 ft.; 15 hyd.; pres., dom. 48 lbs., f. 60 lbs.; cost, \$3,900; cost mtce., \$250; wks. owned by city.

PONCA, p. 1,000; f. area, 80 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell; val. equip., \$2,200; val. bldgs., \$800; exp. dept., \$300; tot. mem., 20 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., grav., pump dir.; res. cap., 120,000 gals.; 1 pump. eng., cap. day 576,000 gals.; mains, c. l., 3 m., 4 to 8 in. dia.; 28 hyd.; 12 v.; 152 serv.; pres., dom. 60 lbs., f. 60 to 70 lbs.; cost, \$16,000; cost mtce., \$1,000; wks. owned by city.

RANDOLPH, p. 1,137; f. area, 160 a.; merc. bldgs., bk., iron & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 250 ft.; tot. hose, 1,750 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$1,500; exp. dept., \$75; tot. mem., 18 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 1,600 bbls.; 1 pump. eng., cap. day 360,000 gals.; mains, 6 m.; 17 hyd.; 84 serv.; pres., dom. 10 to 50 lbs., f. 40 to 110 lbs.; cost, \$5,000; cost mtce., \$1,400; wks. owned by city.

RAVENNA, p. 1,359; f. area, 20 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—2 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., wh., 15 bx.; val. equip., \$480; val. bldgs., \$100; exp. dept., \$110; tot. mem., 24 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res.; res. cap., 256,000 gals.; 1 pump. eng., class trip., cap. day 250,000 gals.; mains, c. l., 5¼ m., 3 to 8 in. dia.; 51 hyd.; 21 v.; 309 serv.; 309 met.; pres., dom. 43 lbs., f. 60 lbs.; cons. day, 50,000 gals.; cost, \$22,000; cost mtce., \$2,400; wks. owned by city.

RED CLOUD, p. 1,686; f. area, 480 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & 1. trk., 3 hose car.; hose, rub., gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$2,000; tot. mem., 49 vol.; undra. rating, third class.

Water Supply—Src., wells & spr., ¼ m. bus. cent.; sys., pump to stdp. & dir. stdp. cap., 70,000 gals.; res. cap., 55,000 gals.; pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 40 hyd.; 10 v.; met., 380; 310 serv.; pres., dom. 58 lbs., f. 58 to 100 lbs.; cons. day, 100,000 gals.; cost, \$40,000; wks. owned by city.

RIVERTON, p. 869; f. area, 6 a.; bldgs., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 600 ft.; inf., 200 ft.; tot. hose, 800 ft.; f. al., bell; val. equip., \$200; val. bldgs., \$75; exp. dept., \$150; tot. mem., 60 vol.

Water Supply—Src., creek; sys., pump to res.; res. cap., 30,000 gals.; pump. eng., cap. day 144,000 gals.; mains, 2¼ m., 2 to 6 in. dia.; 8

hyd.; 2 v.; pres. dom. 60 lbs. f. 75 lbs.; cost, \$6,000; cost mtce., \$150; wks. owned by village.

ST. PAUL, p. 1,386; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$200; tot. mem., 48 vol.

Water Supply—Src., wells, ays., pump to stdp. & dir.; stdp. cap., 75,000 gals., dim. 60 x 12, loc. near cent. town, mat. boiler 1; 2 pump. eng., class dup., cap. day 1,750,000 gals.; mains, iron, 4 m., 4 to 8 in. dia.; 26 hyd.; met., 42; 147 serv.; pipe, galv. l.; pres. dom. 45 lbs. f. 100 to 140 lbs.; cons. day, 50,000 gals.; cost, \$21,000; cost mtce., \$1,800; wks. owned by city.

SCHUYLER, p. 2,152; f. area, 640 a.; merc. bldgs., bk. & l. & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose carts.; hose, cot., rub. lined, gd., 1,400 ft.; rub., gd., 250 ft.; tot. hose, 1650 ft.; f. al., bell & wh.; val. equip., \$3,000; exp. dept., \$150; tot. mem., 65 vol.

Water Supply—Src., wells, 1-10 m. bus. cent.; ays., pump to stdp.; stdp. cap., 85,000 gals.; dim., 12 x 100; mat., iron; 2 pump. eng., cap. day, 500,000 gals.; mains, iron, 7 m., 4 to 10 in. dia.; 45 hyd.; 20 v.; met., 225; 260 serv.; pipe, galv. l.; pres. dom. 42 lbs. f. 80 lbs.; cons. day, 50,000 gals.; cost, \$25,000; cost mtce., \$4,500; wks. owned by city.

SEWARD, p. 2,106; f. area, 800 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; fwks. ord. F. dept.—1 c. eng., 6 c. hand ex., 2 hose car., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$18,000; tot. mem., 60 vol.; undrs. rating, third class.

Water Supply—Src., wells, ays., pump to stdp.; stdp. cap., 96,000 gals.; 2 pump. eng., class dup., cap. day 800,000 gals.; mains, 6 m., 4 to 8 in. dia.; 55 hyd.; 18 v.; met., 250; 220 serv.; pres. dom. 45 lbs. f. 85 lbs.; cons. day, 40,000 gals.; cost, \$34,000; cost mtce., \$1,458; wks. owned by city.

SIDNEY, p. 1,185; f. area, 80 a.; merc. bldgs., stn. & wd., 1 & 2 stor.; priv., stn. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,700 ft.; f. al., wh.; val. bldgs., \$500; tot. mem., 30 vol.

Water Supply—Src., wells, ays., pump to stdp.; 2 pump. eng., cap. day 1,500,000 gals.; mains, 4 m., 2 to 8 in. dia.; 32 hyd.; pres., f. 70 lbs.; wks. owned by railroad.

SONAPAH, p. 6,000; f. area, 1½ m.; merc. bldgs., stn. & wd., 1 & 2 stor.; priv., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 150 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,700 ft.; inf., 1,000 ft.; tot. hose, 4,700 ft.; f. al., telp.; val. equip., \$5,600; val. bldgs., \$6,000; exp. dept., \$7,050; tot. mem., 254, pd. full time 4, vol. 250.

Water Supply—Not reported.

SOUTH OMAHA, p. 26,259; f. area, 11 blocks; merc. bldgs., bk. & wd., 1 to 11 stor.; priv., wd., & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 9 c. hand ex., 1 chief's auto., 1 chief's buggy, 5 hose wag., 1 h. & l. trk., 14 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., telp. & Garne-well, 13 bx.; val. equip., \$30,000; val. bldgs., \$29,000; exp. dept., \$55,000; tot. mem., 38, pd. full time. Priv. f. sys. maintained by Packers & W. S. Yard Co., in care of A. D. T.; 389 bx.

Water Supply—Src., supplied by Omaha; 370 water hyd.

SOUTH SIOUX CITY, p. 1,196; f. area, 600 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 to 3 stor.; no fwks. or combt. ord.; causes of f. inv. F. dept.—c. hand ex., 1 hose wag.; hose, rub., 500 ft.; f. al., bell; val. equip., \$800; tot. mem., 36 vol.

Water Supply—Src., wells.

STANTON, p. 1,342. F. dept.—1 h. & l. wag., 2 hose carts; 2,000 ft. hose; f. al., b. & wh.; \$1 vol.

Water Supply—Src., eng. & pump, near bus. cent.; ays., grav.; stdp. cap., 30,000 gals., dim. 10 x 50 ft., mat. iron; 2 pump. eng.; mains, c. l., 2 m., 4 to 6 in. dia.; 23 hyd.; 20 v.; met., 190;

pipe, iron; pres. dom. 50 lbs. f. 80 to 100 lbs.; cons. day, 15,000 gals.; cost, \$7,000; wks. owned by city.

STEELE CITY, p. 325; f. area, 40 a. F. dept.—c. hand ex.; f. al., bell; val. equip., \$5,400; vol. **Water Supply**—Src., well, 1 m. bus. cent.; ays., pump dir.; 2 pump. eng.; wks. owned by city.

STROMSBURG, p. 1,355; f. area, 40 a.; merc. bldgs., bk. & wd.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—12 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,330; val. bldgs., \$500; tot. mem., 50 vol.

Water Supply—Src., wells, 600 ft. bus. cent.; ays., pump to res., to stdp. & dir.; stdp. cap., 22,522 gals., dim. 12 x 100, mat. stl. & bk.; res. cap., 27,000 gals.; 4 pump. eng., class dup., cap. day 150,000 gals.; mains, c. l. & stl., 3 m., 2, 4 & 6 in. dia.; 21 hyd.; met., 90; 375 serv.; pipe, galv. l.; pres. dom. 35 lbs. f. 90 to 120 lbs.; cons. day, 30,000 gals.; cost, \$15,000; cost mtce., \$1,300; wks. owned by city.

SUPERIOR, p. 2,106; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 2 hose car.; hose, rub. gd., 1,800 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$200; tot. mem., 40 vol.

Water Supply—Src., wells, ½ m. bus. cent.; ays., dir. pres.; res. cap., 140,000 gals.; 2 pump. eng.; cap. day, 1,500,000 gals.; mains, c. l., 5½ m., 4 to 10 in. dia.; 46 hyd.; 7 v.; 445 met.; 460 serv.; pres. dom. 45 lbs. f. 100 to 120 lbs.; cost, \$41,000; cost mtce., \$6,000; wks. owned by city.

SUTTON, p. 1,702; f. area, 240 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 c. hand ex., 3 hose wag.; hose, cot., rub. lined, gd., 750 ft.; inf., 750 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$1,350; val. bldgs., \$150; exp. dept., \$200; tot. mem., 45 vol.

Water Supply—Src., wells, ½ m. bus. cent.; ays., pump to stdp.; stdp. cap., 63,000 gals., dim. 12 x 75; 2 pump. eng., cap. day 150,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 39 hyd.; 14 v.; met., 210; 140 serv.; pipe, galv. l.; pres. dom. 40 lbs. f. 60 lbs.; cons. day, 60,000 gals.; cost, \$18,000; cost mtce., \$1,200; wks. owned by city.

SYRACUSE, p. 842; f. area, 3 blocks; merc. bldgs., bk., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 c. eng., 12 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$800; exp. dept., \$250; tot. mem., 40 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; ays., grav., pump to stdp.; stdp. cap., 50,800 gals., dim. 12 x 60, loc. ¾ m. station, mat. stl.; 1 pump. eng., cap. day 500,000 gals.; mains, c. l. & stl., 11,600 ft., 2 to 8 in. dia.; 23 hyd.; 8 v.; met., 13; 88 serv.; pipe, galv. l. & stl.; pres. dom. 74 lbs. f. 100 lbs.; cons. day, 8,000 gals.; cost, \$13,481; cost mtce., \$700; wks. owned by village.

TALMAGE, p. 511; f. area, 26 blocks. F. dept.—2 hand hose carts; hose, rub. lined, gd., 750 ft.; f. al., bell; val. equip., \$700; val. bldgs., \$200; exp. dept., \$150; tot. mem., 28 vol.; undrs. rating, third class.

Water Supply—Src., 2 wells, 1 m. bus. cent.; ays., pump to stdp.; 1 pump. eng.; cap. day, 150,000 gals.; 15 hyd.; 2 v.; pres. dom. 60 lbs. f. 60 lbs.; cost, \$11,600; cost mtce., \$600; wks. owned by city.

TECUMSEH, p. 1,748; f. area, 160 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. & record kept. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,350 ft.; inf., 950 ft.; tot. hose, 2,300 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$300; tot. mem., 60 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; ays., pump to res., stdp. & dir.; stdp. cap., 150,000 gals.; res. cap., 150,000 gals., loc. at pump station; 8 pump. eng.; cap. day, 1,250,000 gals.; mains, 5½ m., 4 to 10 in. dia.; 40 hyd.; 31 v.; 300 met. 310 serv.; pres. dom. 50 to 70 lbs. f. 110 lbs.; cons. day, 85,000 gals.; cost, \$50,000; cost mtce., \$2,500; wks. owned by city.

TEKAMAH, p. 1,534; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd.

ria perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk.; 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 1,200 ft.; tot. hose, 3,700 ft.; f. al., bell; tot. mem., 50 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to res. & dir.; res. cap., 500,000 gals.; 2 pump. eng., cap. day, 120,000 gals.; mains, c. l., $2\frac{1}{2}$ m., 4 to 8 in. dia.; 26 hyd.; 18 v.; 280 serv.; 110 met.; pipe, galv. i.; pres. dom. 60 lbs., f. 80 to 120 lbs.; cost, \$16,000; cost mtce., \$1,500; wks. owned by city.

TILDEN, p. 1,000; f. area, 130 a. F. dept.—2 hose carts, 1 h. & 1 trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,625; val. bldgs., \$600; exp. dept., \$200; tot. mem., 45 vol.; undrs. rating, four and one-half class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; 1 pump. eng.; cap. day, 100,000 gals.; mains, $2\frac{1}{2}$ m.; 28 hyd.; 4 v.; 74 serv.; pres., dom. & f. 60 lbs.; cost, \$22,000; cost mtce., \$800; wks. owned by city.

UEHLING, p. 800; f. area, 80 a. F. dept.—2 hose carts, ladders, etc.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,175; val. bldgs., \$500; tot. mem., 21 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; 2 pump. eng.; cap. day, 300,000 gals.; mains, 3,800 ft.; 11 hyd.; 4 v.; pres., dom. 60 lbs., f. 145 lbs.; cost, \$10,600; cost mtce., \$200; wks. owned by city.

UNIVERSITY PLACE, p. 3,200; f. area, 400 a.; merc. bldgs., bk. & wd., 1 to 8 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 300 ft.; tot. hose, 1,900 ft.; f. al., bell, wh. & telp.; val. equip., \$2,900; val. bldgs., \$3,000; exp. dept., \$200; tot. mem., 50 vol.

Water Supply—Src., well, 8 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 84,000 gals.; dim., 12 x 100; mat., stl.; res. cap., 80,000 gals.; 4 pump. eng.; cap. day, 180,000 gals.; mains, c. l., 8 m., 4 to 6 in. dia.; 58 hyd.; 50 v.; met., 800; 800 serv.; pres., dom. 50 to 65 lbs., f. 75 to 80 lbs.; cons. day, 180,000 gals.; cost, \$75,000; cost mtce., \$4,500; wks. owned by city.

UTICA, p. 520; f. area, 800 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—1 c. hand ex.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 84 vol.

Water Supply—Src., wells, in bus. cent.; sys., dir. pres.; stdp. cap., 36,000 gals.; 1 pump. eng., cap. day 108,000 gals.; mains, c. l., 2 m., 4 to 6 in. dia.; 24 hyd.; 18 v.; 70 met.; 70 serv.; pres., dom. 60 to 90 lbs., f. 90 lbs.; cost, \$17,000; wks. owned by city.

VALPARAISO, p. 560; f. area, 40 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell; val. equip., \$750; tot. mem., 12 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 86,000 gals.; 2 pump. eng.; mains, c. l., $2\frac{1}{2}$ m., 4 to 6 in. dia.; 24 hyd.; 8 v.; 56 met.; 56 serv.; pres., dom. & f. 75 lbs.; cost, \$16,000; cost mtce., \$800; wks. owned by town.

VIRGINIA, p. 175; f. area, 40 a. F. dept.—buckets & c. hand ex., 1 h. & 1 trk.; val. equip., \$75; val. bldgs., \$125; vol.

Water Supply—Src., wells.

WAHOO, p. 2,168; f. area, 1,200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose carts; hose, rub., gd., 3,000 ft.; inf., 300 ft.; tot. hose, 3,300 ft.; f. al., bell, wh. & elec.; val. equip., \$2,500; val. bldgs., \$6,000; exp. dept., \$500; tot. mem., 60 vol.

Water Supply—Src., wells, 8 blocks bus. cent.; sys., dir. & pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng.; cap. day, 500,000 gals.; mains, c. l., 10 m., 4 to 12 in. dia.; 65 hyd.; 30 v.; 385 met.; 462 serv.; pres., dom. 75 lbs., f. 125 lbs.; cost, \$48,000; wks. owned by city.

WATERLOO, p. 425; f. area, 160 a. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,500; tot. mem., 20 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys.,

dir. pres.; 1 pump. eng.; cap. day, 450,000 gals.; mains, 1 $3\frac{1}{2}$ m.; 19 hyd.; 10 v.; 8 serv.; pres., dom. 65 lbs., f. 100 lbs.; cost, \$14,000; wks. owned by city.

WAYNE, p. 2,140; f. area, 8 blocks; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 c. hand ex., 1 h. & 1 trk., 1 aer. trk., 1 hose wag.; hose, rub., gd., 1,600 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$10,000; tot. mem., 45 vol.; undrs. rating, third class.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 65,000 gals., dim. 12 x 75; mains, iron, 4 m., 4 to 8 in. dia.; 45 hyd.; 14 v.; met., 200; 220 serv.; pipe, iron; pres., dom. 40 lbs., f. 52 to 80 lbs.; cost, \$22,400; cost mtce., \$800; wks. owned by city.

WEeping WATER, p. 1,067; f. area, 640 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 750 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$800; tot. mem., 18 vol.

Water Supply—Src., wells & crk., 1 block bus. cent.; sys., pump to res.; res. cap., 720,489 gals.; 2 pump. eng., cap. day 200,000 gals.; mains, c. l., $2\frac{1}{2}$ m., 4 to 8 in. dia.; 18 hyd.; 5 v.; met., 111; 111 serv.; pres., dom. 65 lbs., f. 100 lbs.; cons. day, 25,000 gals.; cost, \$18,000; cost mtce., \$1,000; wks. owned by city.

WEST POINT, p. 1,776; f. area, 350 a.; merc. bldgs., stn., bk. & wd., 1, 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., bell; val. equip., \$7,000; cost mtce., \$500; tot. mem., 100 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 17,000 gals.; 2 pump. eng., cap. day 100,000 gals.; mains, 6 m., 4 to 8 in. dia.; 403 hyd.; 10 v.; met., 350; 350 serv.; pipe, galv. i.; pres., dom. & f., 85 lbs.; cons. day, 8,000 gals.; cost, \$16,000; cost mtce., \$2,500; wks. owned by city.

WILBER, p. 1,219; f. area, 200 a.; merc. bldgs., bk. & wd. & iron, 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$1,500; exp. dept., \$50; tot. mem., 30 vol.; undrs. rating, third class.

Water Supply—Src., well, 500 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 84,000 gals.; 1 pump. eng., cap. day 750,000 gals.; mains, 3 m., 4 to 8 in. dia.; 40 hyd.; 370 met.; 280 serv.; pres., dom. 50 lbs., f. 62 $\frac{1}{2}$ lbs.; cons. day, 35,000 gals.; cost, \$25,000; cost mtce., \$1,500; wks. owned by city.

WISNER, p. 1,081; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 400 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 25, pd. part time 1, vol. 24.

Water Supply—Src., wells; sys., grav.; res. cap., 100,000 gals.; mains, $3\frac{1}{2}$ m., 4 to 6 in. dia.; stdp., 16 x 65; 34 hyd.; 10 v.; pres., dom. 80 lbs., f. 75 lbs.; cost, \$9,500; cost mtce., \$700; wks. owned by town.

WOOD RIVER, p. 1,000; f. area, 320 a. F. dept.—hose cart; 1 h. & 1 trk.; f. al., bell; val. equip., \$1,500; exp. dept., \$56; tot. mem., 26 vol.; undrs. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 1 pump. eng., cap. day, 86,000 gals.; mains, 2 m.; 25 hyd.; 2 v.; 50 serv.; pres., dom. 55 lbs., f. 100 lbs.; cost, \$12,000; cost mtce., \$2,400; wks. owned by city.

WYMORE, p. 2,613; f. area, 640 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 82 vol.

Water Supply—Src., wells & riv.; sys., pump to stdp.; stdp. cap., 93,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. l., $5\frac{1}{2}$ m., 4 to

10 in. dia.; 53 hyd.; 120 serv.; pipe, galv. i.; pres., dom. 90 lbs.; f. 140 lbs.; cost, \$40,000; cost mtce., \$2,500; wks. owned by city.

WYNOT, p. 450; f. area, 80 a. F. dept.—hose cart, ladders, etc.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$125; tot. mem., 21 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day, 216,000 gals.; mains, 1 m.; 11 hyd.; 5 v.; 11 serv.; pres., dom. & f. 72 lbs.; cost, \$9,000; cost mtce., \$500; wks. owned by city.

YORK, York Co., p. 6,285; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F.

dept.—1 comb. c. & h. wag., 1 h. & 1 trk., 3 hose car.; hose, rub., gd., 2,100 ft.; inf., 300 ft.; tot. hose, 2,400 ft.; f. al., bell & wh.; tot. mem., 54 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res., stdp. & tower; stdp. cap. 85,000 gals., tower cap. 150,000 gals., res. cap. 200,000 gals., loc. near plant; 3 pump. eng., cap. day 2,000,000 gals.; mains, c. i., $6\frac{1}{2}$ m., 2 to 12 in. dia.; 98 hyd.; 31 v.; met., 800; 925 serv.; pipe, c. i.; pres., dom. 65 lbs.; f. 110 lbs.; cons. day, 250,000 gals.; cost, \$95,000; wks. owned by York Water Co.

Places with a population of 1,000 or more having no organized fire dept.—Louisville.

NEVADA

AUSTIN, p. 702; f. area, 350 a.; merc. bldgs., wd., stn. & bk., 1 stor.; priv., adobe, 1 stor.; wd. rfa. perm.; fwks. ord. F. dept.—1 h. & 1 trk., 2 hose car., 2 hra.; hose, rub., gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$125; tot. mem., 45 vol.

Water Supply—Src., tunnel, driven into mountains; sys., grav.; res. cap., 50,000 gals.; 23 hyd.; pipe, 5 m., 3 to 5 in. dia.; 4 v.; 250 serv.; pres., 97 lbs.; cost, \$27,000; cost mtce., \$2,500; wks. owned by Co.

CARSON CITY, p. 2,466; f. area, 1,000 a.; merc. bldgs., stn. & bk., 2 stor.; priv., wd., 1 stor.; wd. rfa. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 str., 2 hand eng., 1 hose wag., 5 hose car., 1 hose cart; hose, cot., rub. lined, gd., 3,000 ft.; rub., gd., 3,000 ft.; tot. hose, 6,000 ft.; f. al., bell & wh.; val. equip., \$6,500; val. bldgs., \$4,300; exp. dept., \$1,000; tot. mem., 62, pd. part time 2, vol. 60.

Water Supply—Src., spr., 3 to 7 m. from bus. cent.; sys., grav.; res. cap., 1,400,000 gals., loc. 2 m. west city; mains, iron, 15 m., 2 to 12 in. dia.; 24 hyd.; 46 v.; pres., dom. 40 lbs.; f. 90 lbs.; cons. day, 1,000,000 gals.; cost, \$125,000; cost mtce., \$5,400; wks. owned by Co.

ELKO, p. 2,500. F. dept.—4 hose wag., c. hand ex., 1 comb. c. & h. wag., 2,000 ft. hose; f. al., bell; val. equip., \$5,000; exp. dept., \$250; tot. mem., 40 vol.

Water Supply—Src., springs & wells, 7 m. bus. cent.; sys., grav.; stdp., cap., 1,000,000 gals.; res. cap., 1,000,000 gals.; 1 pump. eng., cap. day, 150,000 gals.; mains, 2 m., 4 to 8 in. dia.; 64 hyd.; 160 met., 425 serv.; pres., dom. 35 to 80 lbs.; f. 80 lbs.; cons. day, 350,000 gals.; cost, \$120,000; cost mtce., \$9,000; wks. owned by priv. Co.

ELY, p. 2,055. F. dept.—20 c. hand ex., 1 h. & 1 trk., 1 c. cart., 6 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; inf., 900 ft.; tot. hose, 3,400 ft.; f. al., bell; tot. mem., 60 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., dir. pres.; res. cap., 75,000 gals.; mains, 4 to 16 in. dia.; 24 hyd.; 4 met.; pres., dom. & f. 73 lbs.

EUREKA, p. 1,000; f. area, 450 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., 1 story; wd. rfa. perm. F. dept.—4 c. ex., 1 h. & 1 trk., 4 hose car.; hose, rub., 2,000 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$1,250; tot. mem., 50 vol.; undrs. rating, fourth class.

Water Supply—Src., springs; sys., grav.; 6 tk., cap. 250,000 gals.; 4 res., cap. 130,000 gals.; pump. eng., cap. day 200,000 gals.; 13 hyd.; mains, 36 m., 3 to 6 in. dia.; pipe, iron; 10 v.; pres., dom. 45 to 90 lbs.; f. 180 lbs.; cons. day, 23,800 gals.; cost, \$250,000; exp. dept., \$5,000; wks. owned by Co.

FALLON, p. 741. F. dept.—1 h. & 1 trk., 2 c. eng.; f. al., bell; tot. mem., 50 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 200,000 gals.; 1 pump. eng., cap. day 500,000 gals.; mains, $6\frac{1}{2}$ m., 4 to 10 in. dia.; 60 hyd.; 38 v.; 200 met.; 200 serv.; pres., dom. 30 to 40 lbs.; f. 108 lbs.; cons. day, 50,000 gals.; cost, \$35,000; cost mtce., \$325; wks. owned by city.

GOLDFIELD, p. 4,000. F. dept.—1 c. eng.,

50 c. hand ex., 1 hose wag., 2 hose carts, 5 hra.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 1,000 ft.; tot. hose, 3,400 ft.; f. al., Gamewell, 27 bx.; val. equip., \$16,000; val. bldgs., \$10,860; exp. dept., \$16,200; tot. mem., 17; pd. full time 5, vol. 12.

Water Supply—Src., springs, 25 m. bus. cent.; sys., grav. & pump; res. cap., 710,000 gals.; 3 pump. eng., class trip., cap. day, 450,000 gals.; mains, 43 m., 4 to 9 in. dia.; 44 hyd.; 500 met.; 500 serv.; pres., dom. 60 lbs.; f. 120 lbs.; cons. day, 800,000 gals.; cost, \$350,000; wks. owned by Goldfield Consolidated Water Co.

GOLD HILL, p. 875; f. area, 1,500 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hand eng., 150 c. hand ex., 2 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 1,250 ft.; tot. hose, 1,750 ft.; f. al., bell & wh.; val. equip., \$6,000; val. bldgs., \$5,500; exp. dept., \$2,340; tot. mem., 120 vol.

Water Supply—Src., lake, 38 m. bus. cent.; sys., grav.; mains, 20 m., 1 to 12 in. dia.; 92 hyd.; 92 v.; 800 serv.; pipe, iron; pres., dom. 80 lbs.; f. 130 lbs.; cons. day, 750,000 gals.; wks. owned by Co.

HAWTHORNE, p. 250; f. area, 160 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 story; wd. rfa. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 hose car., 2 f. hooks; hose, cot., rub. lined, gd., 450 ft.; rub., 550 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$700; tot. mem., 32 vol.

Water Supply—Src., mountain strms.; sys., grav.; res. cap., 500,000 gals.; mains, 8 m., $8\frac{1}{2}$ to 6 in. dia.; 8 hyd.; 8 v.; pres., f. 150 lbs.; cost, \$45,000; cost mtce., \$500; wks. owned by Co.

LAS VEGAS, p. 3,500; f. area, 40 blocks. F. dept.—2 hose carts, ex. ladder & hooks, 500 ft. hose; val. equip., \$2,500; val. bldgs., \$3,500; exp. dept., \$1,200; tot. mem., 20, pd. part time.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; 40 hyd.; pres., dom. 35 lbs.; cost mtce., \$1,500; wks. owned by Co.

LOVELOCKS, p. 500; f. area, 40 a. F. dept.—1 hand hose cart, 800 ft. hose; vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump; 2 pump. eng.; 25 hyd.; cost, \$18,000; wks. owned by city.

McGILL, p. 1,200; f. area, 100 a. F. dept.—c. hand ex., 1 hose wagon, hose, ladders, hra., etc.; f. al., bell; val. equip., \$3,000; vol.

Water Supply—Src., creek, 1 m. bus. cent.; sys., grav.; 78 hyd.; pres., f. 110 to 180 lbs.; wks. owned by Co.

PIOCHE, p. 125; f. area, 1 sq. m.; merc. bldgs., stn., cem. & wd., 2 stor.; wd. rfa. perm. F. dept.—3 hose car., 1 c. eng.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$1,000; exp. dept., \$1,200; tot. mem., 150 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 200,000 gals.; mains, 12 m.; 23 hyd.; 200 serv.; pipe, wrt. i.; cost, \$151,000; wks. owned by Co.

RENO, p. 10,867; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 5 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose car., 1 comb. c. & h.

wag., 11 hrs.; hose, cot., rub. lined, gd., 4,800 ft.; f. al., Gamewell, elec., 52 bx.; val. equip., \$42,000; val. bldgs., \$60,000; tot. mem., 21, pd. full time.

Water Supply—Src., riv. & crk., 14 m. bus. cent.; sys., grav.; 3 res., cap. 70,850,000 gals.; 1 pump. eng.; mains, c. i. & stl., 58 m., 2 to 80 in. dia.; 63 hyd.; 2,800 serv.; pres., dom. & f., 40 to 70 lbs.; cons. day, 10,000,000 gals.; cost, \$1,045,000; cost mtce., \$27,000; wks. owned by priv. Co.

RHYOLITE, p. 1,500; f. area, 80 a. F. dept.—1 hose cart, 2,000 ft. hose; val. equip., \$3,000; val. bldgs., \$1,200; exp. dept., \$1,500; tot. mem., 28 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav. & pump to stdp.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 6 m.; 81 hyd.; pres., dom. 125 lbs. f. 125 lbs.; cost, \$160,000; wks. owned by priv. Co.

SEARCHLIGHT, p. 887. F. dept.—2 hand hose carts, 1,000 ft. hose.

Water Supply—Src., well; sys., pump to stdp.; stdp., cap., 50,000 gals.; mat., stl.; mains, 6 in. dia.; 6 hyd.

SILVER CITY, Lyon Co., p. 887; bldgs., bk. & stn., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 h. & l. trk., 3 hose car.; hose, rub., gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; tot. mem., 80 vol.

Water Supply—Src., wells.

SPARKS, p. 2,500. F. dept.—6 hose carts; hose, 3,000 ft.; val. equip., \$3,000; val. bldgs., \$1,000; tot. mem., 43 vol.

Water Supply—Src., res.; mains, 2 to 8 in. dia.; 31 hyd.; pres., dom. 60 lbs. f. 116 lbs.

TONOPAH, p. 3,500. F. dept.—200 c. hand ex., 1 comb. c. eng. & hose wag., 1 h. & l. trk., 5 hose carts, 15 hose reels, 2 hrs.; hose, 4,150 ft.; f. al., bell & telep.; val. equip., \$5,100; val. bldgs., \$5,000; exp. dept., \$8,000; tot. mem., 354; pd. full time 4, vol. 350.

Water Supply—Src., spr.; res. cap., 378,000 gals.; 3 pump. eng., class trip, cap. day 540,000 gals.; mains, 13½ m. 2 to 10 in. dia.; 81 hyd.; pres., dom., 65 lbs.; wks. owned by priv. Co.

TUSCARORA, p. 400; merc. bldgs., bk. & wd., 1 stor.; priv., bk. & wd., 1 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; val. equip., \$1,500; val. bldgs., \$1,000; tot. mem., 20 vol.

Water Supply—Src., spr., 12 m. bus. cent.; sys., grav.; res. cap., 7,500 gals.; mains, ¼ m., 8 in. dia.; 9 hyd.; pres., dom. 120 lbs. f. 120 lbs.; cost, \$110,000; cost mtce., \$800; wks. owned by Tuscarora, Nev., Mines Co.

VIRGINIA CITY, p. 2,695; merc. bldgs., wd. & bk., 2½ stor.; priv., wd., 2½ stor.; wd. rfs. not perm. F. dept.—10 stationary reels of hose, 5 hose car., 4 hrs.; hose, cot., rub. lined, gd., 1,400 ft.; rub., gd., 6,400 ft.; tot. hose, 7,800 ft.; f. al., bell & wh.; val. equip., \$28,000; val. bldgs., \$4,000; exp. dept., \$12,000; tot. mem., 6, pd. full time.

Water Supply—Src., lake, 38 m. bus. cent.; sys., grav.; res. cap., 1,600,000,000 gals., loc. east side of Lake Tahoe; mains, 20 m., 1 to 12 in. dia.; 92 hyd.; 92 v.; 800 serv.; pipe, iron; pres., dom. 80 lbs. f. 130 lbs.; cons. day, 750,000 gals.; cost, \$2,800,000; cost mtce., \$88,000; wks. owned by Co.

WADSWORTH, p. 1,309; merc. bldgs., wd., 1 to 7 stor.; priv., wd., 1 stor.; wd. rfs. perm. F. dept.—3 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell.

Water Supply—Not reported.

WINNEMUCCA, p. 1,500; f. area, 320 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 12 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$4,000; exp. dept., \$300; tot. mem., 40 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 6,200,000 gals.; pump. eng., cap. day 375,000 gals.; mains, 17¼ m., 4 to 10 in. dia.; 19 hyd.; 150 serv.; pres., f. 65 to 95 lbs.; cons. day, 700,000 gals.; cost, \$80,000; cost mtce., \$2,500; wks. owned by Co.

YERINGTON, p. 682. F. dept.—1 c. eng., vol.

NEW HAMPSHIRE

ALLENSTOWN, p. 1,457; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 500 ft.; exp. dept., \$129; tot. mem., 6 vol.

Water Supply—Src., ponds, 5 m. bus. cent., supply from Suncook; sys., grav.; mains, c. i., 7 m., 6 to 12 in. dia.; 48 hyd.; pres., f. 50 lbs.

ALSTEAD, p. 711. F. dept.—1 c. eng., 6 hand ex., 1 hand eng., 1 h. & l. trk., 1 hose cart; f. al., bell; vol.

ALTON, p. 1,348; f. area, 1,280 a.; merc. bldgs., wd., 2 stor.; priv., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 hose car., 3 c. ex.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 50 ft.; tot. hose, 1,550 ft.; f. al., wh. & bell; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$150; tot. mem., 30 vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav., pump to res.; res. cap., 150,000 gals., loc. on hill; 1 pump. eng., cap. day 50,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 26 hyd.; 10 v.; 20 met.; 125 serv.; pipe, galv. i.; pres., dom. 100 lbs. f. 100 to 120 lbs.; cons. day, 80,000 gals.; cost, \$32,500; cost mtce., \$300; wks. owned by priv. Co.

AMHERST, p. 1,060; merc. bldgs., wd., 1 & 1½ stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 hand eng., 1 c. eng., 4 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$250; tot. mem., 50 vol.

Water Supply—Src., spr., 5 cisterns, 5 large res.

ANDOVER, p. 400; f. area, 80 a. F. dept.—hose car.; 1 h. & l. trk., c. hand ex., ladders, axes, hose, etc.; f. al., bell; mem., 24 vol.

Water Supply—Src., pond, 1 m. bus. cent.; sys., grav.; mains, 3 m.; 32 hyd.; pres., f. 73 lbs.; cost, \$32,000; wks. owned by village.

ANTRIM, p. 1,285; f. area, 640 a.; merc. bldgs.,

wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, 1,450 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$190; tot. mem., 30, pd. part time; undra. rating, first class.

Water Supply—Src., ponds; sys., grav.; mains, 6 m., 8 to 9 in. dia.; 30 hyd.; 5 v.; 115 serv.; pres., dom. 95 lbs. f. 95 lbs.; cost, \$25,000; cost mtce., \$1,000; wks. owned by village.

ASHLAND, p. 1,412; f. area, 1,500 a.; merc. bldgs., conc. & wd., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—6 hand ex., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh., 14 bx.; val. equip., \$2,200; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 38 vol.

Water Supply—Src., pond, 2¼ m. bus. cent.; sys., grav. from pond to res., loc. ¼ m. below pond; supply from res.; res. cap., 1,000,000 gals.; mains, c. i., 5 m., 6 to 10 in. dia.; 49 hyd.; 2 v.; met., 6; 280 serv.; pipe, galv. i.; pres., dom. 100 lbs. f. 100 lbs.; cost, \$35,000; cost mtce., \$400; wks. owned by town.

BARNSTEAD, p. 1,000. F. dept.—1 ladder trk., 65 c. hand ex.; f. al., bell; tot. mem., 25 vol.

No waterwks.

BARTLETT, p. 1,197; bldgs., wd., 1 & 2 stor. F. dept.—1 hose car., 1 ladder wag., 1 pump at mill; hose, linen, gd., 1,200 ft.; f. al., wh. & elec., 3 bx.; tot. mem., 23 vol.

Water Supply—Src., brook, 4 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals., loc. 1 m. village; mains, 5 m., 6 to 10 in. dia.; 120 serv.; 24 hyd.; pipe, galv. i.; pres., dom. 52 lbs.; cost, \$20,000; wks. owned by village.

BATH, p. 300; f. area, 100 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv. dwellings, bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand c. eng.; f. al., gong; val. equip., \$228; tot. mem., 12 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; mains, 7,000 ft.; 3 v.; 25 serv.; pipe, galv. i.; pres., dom. 62 to 85 lbs.; f. 100 lbs.; cost, \$5,000; wks. owned by priv. Co.

BELMONT, p. 1,890; f. area, 1,000 a.; priv. bldgs. wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 750 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$1,000; exp. dept., \$125; tot. mem., 20 vol.

Water Supply—Src., res., 1 m. bus. cent.; sys., pump dir.; res. cap., 100,000 gals., loc. on hill; 1 pump. eng., size 9 x 5 x 12, cap. day 250,000 gals.; mains, wd., 4 m.; 23 hyd.; 120 serv.; pipe, galv. i.; pres., dom. 85 lbs., f. 85 lbs.; cons. day, 30,000 gals.; cost, \$14,000; cost mtce., \$300; wks. owned by town.

BENNINGTON, p. 690. F. dept.—2 c. hand ex., 1 hose wag.; hose, 600 ft.; f. al., bell; exp. dept., \$100; tot. mem., 45 vol.

BERLIN, p. 11,780; f. area, 50 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—1 str., 1 comb. c. & h. wag., 1 h. & 1 trk., 8 hose car.; hose, rub., gd., 5,000 ft.; f. al., Gamewell, 27 bx.; val. equip., \$20,116; val. bldgs., \$24,500; tot. mem., 41, pd. full time 8, pd. part time 33; undra. rating, first class.

Water Supply—Src., brooks, 2½ m. bus. cent.; sys., grav.; res. cap., 10,000,000 gals.; cap. day, 1,400,000 gals.; mains, c. i., 12 m., 6 to 12 in. dia.; 92 hyd.; 75 v.; met., 82; 1,236 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 70 to 180 lbs.; cost, \$220,000; cost mtce., \$3,000; wks. owned by Co.

BETHLEHEM, p. 1,201; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1½ to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 1 hose car.; hose, linen, gd., 1,200 ft.; f. al., bell; tot. mem., 28 vol.

Water Supply—Src., spr. & riv.; sys., grav.; res. cap., 250,000 gals.; mains, 12½ m., 4 to 6 in. dia.; 37 hyd.; 5 v.; 125 serv.; pres., dom. 80 lbs., f. 120 lbs.; cost, \$70,000; wks. owned by village.

BOSCAWEN, p. 1,240; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd. F. dept.—4 c. hand ex., 2 hose wag., 1 hra.; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell & wh.; val. equip., \$3,000; tot. mem., 24 vol.

Water Supply—Src., pond, 7 m. bus. cent.; sys., grav. to res.; res. cap., 400,000 gals.; mains, wd., 14 m., 4 to 12 in. dia.; 52 hyd.; 200 serv.; pres., f. 65 to 90 lbs.; cost, \$75,000; cost mtce., \$200; wks. owned by town.

BRISTOL, p. 1,478; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 12 c. ex., 1 h. & 1 trk., 1 aer. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 1,500 ft.; tot. hose, 3,500 ft.; f. al., Gamewell, 8 bx.; val. equip., \$2,000; val. bldgs., \$1,500; tot. mem., 55 vol.; undra. rating, first class.

Water Supply—Src., lake, 2½ m. bus. cent.; sys., grav.; mains, cem. & c. i. & wd., 7 m., 4 to 20 in. dia.; 85 hyd.; pipe, iron; pres., dom. 55 lbs., f. 125 lbs.; wks. owned by Co.

BROOKLINE, p. 501; bldgs., wd. F. dept.—1 hand eng., 3 c. hand ex., 1 hose car.; hose, 1,000 ft.; f. al., bell & wh.; tot. mem., 35 vol.

Water Supply—Not reported.

CAMPTON, p. 846; bldgs., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. no f. dept.

Water Supply—Src., wells.

CANAAN, Grafton Co., p. 1,408; f. area, 640 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, 1,450 ft.; val. equip., \$800; val. bldgs., \$600; tot. mem., 20 vol.

Water Supply—Src., lake, 2 m. bus. cent.; sys., grav.; mains, iron, 8¼ m.; 13 hyd.; 10 v.; 55 serv.; pipe, galv. i.; pres., dom. 85 lbs., f. 90 lbs.; cost, \$12,000; wks. owned by Co.

CHARLESTOWN, p. 1,400; f. area, 100 a. F. dept.—1 hose wag.; 2 hose reels, ladders, nozzles, etc.; hose, cot., rub. lined, gd., 1,800 ft.; f. al.; bell; tot. mem., 21 vol.

Water Supply—Src., brook & spr., 2 m. bus. cent.; sys., grav.; mains, c. i., 1,906 ft., 6 to 12 in. dia.; 46 hyd.; 24 v.; 35 met.; 230 serv.;

pres., dom. & f. 80 to 100 lbs.; cost, \$55,000; wks. owned by town.

CLAREMONT, p. 7,529; f. area, 100 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 7 c. hand ex., 1 hose wag., 4 hose car., 8 hra.; hose, cot., rub. lined, gd., 3,800 ft.; rub., gd., 200 ft.; inf., 200 ft.; tot. hose, 4,200 ft.; f. al., bell & wh., 31 bx.; val. equip., \$7,300; exp. dept., \$5,000; tot. mem., 51 vol.

Water Supply—Src., brooks, 1½ m. bus. cent.; sys., grav. & pump dir.; res. cap., \$2,000,000 gals., loc. Green Mt.; 1 pump. eng., cap. day 1,000,000 gals.; mains, c. i. & cem., 21¼ m., 3 to 12 in. dia.; 115 hyd.; 262 v.; met., 604; 1,104 serv.; pipe, cem. & galv. i.; pres., dom. 50 to 120 lbs., f. 60 to 120 lbs.; wks. owned by city.

COLEBROOK, p. 1,905; f. area, 1,000 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 300 ft.; tot. hose, 2,100 ft.; f. al., bell & wh.; val. equip., \$1,800; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 21, pd.

Water Supply—Src., brook, 2 m. bus. cent.; sys., grav.; res. cap., 1,500,000 gals.; mains, iron & galv. i., 10 m., 6 to 8 in. dia.; 32 hyd.; 150 serv.; pipe, galv. iron; pres., dom. 75 lbs., f. 75 lbs.; cost, \$85,000; cost mtce., \$50; wks. owned by priv. party.

CONCORD, p. 21,497; f. area, 3¼ sq. m.; merc. bldgs., bk., 2 to 5 stor.; priv., wd., 2½ stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 h. & 1 trk., 4 str., 2 hand eng., 1 c. eng., 21 c. hand ex., 7 hose wag., 1 hose car., 14 hra.; hose, cot., rub. lined, gd., 14,300 ft.; f. al., elec., 60 bx.; val. equip., \$45,000; val. bldgs., \$64,000; exp. dept., \$28,920; tot. mem., 200, pd. full time 9, pd. part time 191.

Water Supply—Src., lake, 3¼ m. bus. cent.; sys., grav. & pump to res.; res. cap., 2,000,000 gals.; 2 pump. eng., class trip. & hor., cap. day 4,000,000 gals.; mains, c. i. & cem., 67.28 m., 4 to 30 in. dia.; 480 hyd.; 1,011 v.; met., 2,342; 3,776 serv.; pipe, c. i. & lined; pres., dom. 48 lbs., f. 88 lbs.; cost, \$1,027,437; cost mtce., \$25,723; wks. owned by city.

CONTOOCOOK, p. 1,652. F. dept.—1 hose cart, 1 h. & 1 trk.; hose, 2,000 ft.; tot. mem., 35 vol.

Water Supply—Src., pond, 5 m. bus. cent.; sys., grav.; res. cap., 175,000,000 gals.; mains, 5 m., 3 to 4 in. dia.; 25 hyd.; 50 serv.; pres., f. 150 lbs.; cost, \$25,000; wks. owned by Co.

CONWAY, p. 3,418; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 to 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 500 ft.; tot. hose, 2,500 ft.

Water Supply—Src., brooks, 3 m. bus. cent.; sys., grav.; res. cap., 100,000 gals., & new res. cap. 200,000 gals.; mains, c. i., 6 m., 4 to 10 in. dia.; 28 hyd.; 9 v.; 180 serv.; pipe, galv. i.; pres., dom. & f., 60 to 75 lbs.; cost, \$15,000; cost mtce., \$200; wks. owned by Co.

DERRY, p. 5,123; bldgs., wd.; wd. rfs. perm. F. dept.—2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 1,000 ft.; tot. hose, 3,000 ft.; f. al., bell, 16 bx.; val. equip., \$3,500; tot. mem., 30, pd. full time 1, vol. 29.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 180,000 gals., dim. 80 x 35, mat. stl.; 2 pump. eng., class dup. comp., cap. day 1,500,000 gals.; mains, c. i., 8 m., 2 to 10 in. dia.; 64 hyd.; 48 v.; 270 met.; 693 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 95 lbs.; cons. day, 285,300 gals.; wks. owned by Co.

DOVER, p. 13,247; f. area, 2,000 a.; merc. bldgs., stn., bk. & wd., 2 to 6 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 1 comb. c. & h. wag., 1 c. eng., 12 c. hand ex., 1 h. & 1 trk., 4 hose wag., 8 hra.; hose, rub. lined, gd., 8,000 ft.; f. al., Gamewell, 40 bx.; exp. dept., \$14,000; tot. mem., 73, pd. full time 5, pd. part time 68; undra. rating, third class.

Water Supply—Src., wells, spr. & ponds, 2 m. bus. cent.; sys., pump to res.; res. cap., 2,000,000 gals.; loc. top Garrison hill; 3 pump. eng., class dup. comp. & centrif., cap. day 7,200,000 gals.; mains, c. i., 28¼ m., 4 to 16 in. dia.; 222 hyd.; 281 v.; met., 1,512; 1,962 serv.; ppe.

cem. lined; pres., dom. & f. 68 to 114 lbs.; cons. day, 509,722 gals.; cost, \$486,911; cost mtce., \$14,865; wks. owned by city.

ENFIELD, p. 1,448; f. area, 640 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area. F. dept.—1 hand eng., 3 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 3,000 ft.; inf., 500 ft.; tot. hose, 4,500 ft.; f. al., bell; val. equip., \$700; val. bldgs., \$2,000; exp. dept., \$230; tot. mem., 28 vol.

Water Supply—Src., rfs., sys., pump to res.; res. cap., 80,000,000 gals.; mains, 4½ m.; 29 hyd.; pres., dom. 50 to 80 lbs., f. 50 to 80 lbs.; cost, \$45,000; wks. owned by f. district.

EPPING, p. 1,649; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—c. hand eng., 2 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 300 ft.; tot. hose, 1,100 ft.; f. al., bell & wh.; val. equip., \$1,000; tot. mem., 45 vol.

Water Supply—Src., 1 large cistern & wells.

EXETER, p. 4,897; f. area, 640 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 hand eng., 12 c. hand eng., 1 h. & l. trk., 3 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; inf., 500 ft.; tot. hose, 7,000 ft.; f. al., elec., 19 bx.; val. equip., \$12,605; val. bldgs., \$8,000; exp. dept., \$5,000; tot. mem., 71, pd. full time 1, pd. part time 70.

Water Supply—Src., riv. & wells; sys., pump to stdp.; stdp. cap., 211,000 gals., dim. 25 x 60; 2 pumping eng., cap. day, 2,000,000 gals.; mains, c. l., 14 m., 4 to 10 in. dia.; 60 hyd.; met., 12; 649 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 60 lbs.; cons. day, 179,494 gals.; cost, \$140,000; wks. owned by Co.

FARMINGTON, p. 2,621; bldgs., wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—c. hand eng., 1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., wh.; val. equip., \$4,000; val. bldgs., \$1,500; exp. dept., \$1,500; tot. mem., 55 vol.

Water Supply—Src., spr.; ½ m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; 2 pump. eng.; cap. day, 125,000 gals.; mains, 4 m., 4 to 10 in. dia.; 66 hyd.; 35 v.; 140 met.; 300 serv.; pres., dom. & f. 70 lbs.; cons. day, 60,000 gals.; wks. owned by city.

FITZWILLIAM, p. 1,148; f. area, 1,500 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell & wh.; exp. dept., \$200; tot. mem., 50 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 160,000 gals.; mains, lead, ¾ m., 2 in. dia.; 3 serv.; cons. day, 85,000 gals.; cost, \$450; cost mtce., \$40; wks. owned by town.

FRANCESTOWN, p. 602. F. dept.—1 hand eng., 20 c. hand ex., 1 hose cart; hose, 300 ft.; tot. mem., 25, pd. part time 20, vol. 6.

Water Supply—Not reported.

FRANKLIN, p. 6,182; f. area, 2,560 a.; merc. bldgs., str. & bk., 1 to 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 2 h. & l. trk., 1 auto. hose trk., 2 hose wag., 5 hose reels; hose, cot., rub. lined, 9,000 ft.; f. al., bell & wh., 19 bx.; exp. dept., \$5,000; tot. mem., 43, pd. part time.

Water Supply—Src., spr.; sys., pump to res.; res. cap., 500,000 gals.; 2 pump. eng., cap. day 400,000 gals.; mains, iron, 10 m., 4 to 12 in. dia.; 103 hyd.; 94 v.; met., 708; 515 serv.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 173,000 gals.; cost, \$116,564.75; cost mtce., \$1,924; wks. owned by city.

GILMANTON, p. 968; f. area, 500 a.; merc. bldgs., wd., 1 to 2 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 5 hand ex.; hose, 100 ft.; f. al., bell; tot. mem., 24 vol.

Water Supply—Not reported.

GOFFSTOWN, p. 2,579; f. area, 1,280 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,850 ft.; inf., 500 ft.; tot. hose, 2,850 ft.; f. al., Gamewell; val.

equip., \$1,740; val. bldgs., \$1,000; exp. dept., \$1,182.81; tot. mem., 40 vol.

Water Supply—Src., brook, 1½ m. bus. cent.; sys., grav.; res. cap., 2,250,000 gals.; mains, c. l., 5 m., 4 to 12 in. dia.; 44 hyd.; 23 v.; met., 38; 280 serv.; pipe, galv. i.; pres., f. 102 lbs.; cost, \$50,100; cost mtce., \$800; wks. owned by village.

GORHAM, p. 2,155; f. area, 50 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2½ stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 2 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., wh.; exp. dept., \$400; tot. mem., 140 vol.

Water Supply—Src., brook, 4 m. bus. cent.; sys., grav.; res. cap., 1,250,000 gals.; mains, c. l.; 3½ m., 4 to 12 in. dia.; 46 hyd.; 40 v.; 1 met.; 300 serv.; pipe, galv. i.; pres., dom. & f. 35 to 130 lbs.; cost, \$53,000; wks. owned by town.

GREENVILLE, p. 1,874; merc. bldgs., bk. & wd., 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & l. trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., elec., 1 bx.; val. equip., \$2,500; exp. dept., \$400; tot. mem., 28 vol.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 850,000 gals.; mains, 2 m.; 25 hyd.; met., 14; pres., dom. 60 lbs.; wks. owned by Co.

GROVETON, p. 1,200; merc. bldgs., wd., 8 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; no fwks. ord.; f. inv. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., gd., 1,500 ft.; tot. mem., 20 vol.

Water Supply—Src., spr. & brooks, 2 m. bus. cent.; sys., grav.; res. cap., 500,000 gals., loc. 170 ft. above village; mains, c. l., 9 m., 4 to 10 in. dia.; 46 hyd.; 221 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$45,000; cost mtce., \$1,000; wks. owned by city.

HAMPTON, p. 1,500; f. area, 4,000 a. F. dept.—1 c. wag., 25 c. hand ex., ladders, etc.; val. equip., \$1,000; exp. dept., \$500; tot. mem., 20, pd. part time.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; 4 pump. eng., cap. day 500,000 gals.; 50 hyd.; mains, 5 m.; pres., dom. 40 lbs., f. 40 lbs.; cost, \$125,000; wks. owned by priv. Co.

HANOVER, p. 2,075; f. area, 700 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 1,600 ft.; tot. hose, 2,600 ft.; f. al., elec., 10 bx.; val. equip., \$1,300; exp. dept., \$750; tot. mem., 25 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; mains, 12 m., 6 to 14 in. dia.; 60 hyd.; 55 v.; met., 3; 200 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 70 to 100 lbs.; cons. day, 75,000 gals.; cost, \$100,000; cost mtce., \$600; wks. owned by Co.

HAVERHILL, p. 3,498; f. area, 250 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 1½ to 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose reels; hose, cot., rub. lined, 3,500 ft.; f. al., wh.; val. equip., \$2,000; exp. dept., \$500; tot. mem., 31, pd. part time; undrs. rating, second class.

Water Supply—Src., riv., situated in town; sys., pump; 1 pump, cap. day 1,500,000 gals.; mains, iron, 4 m., 4 to 10 in. dia.; 24 hyd.; pres., dom. 80 lbs., f. 125 lbs.; cons. day, 600,000 gals.; wks. owned by Co.

HENNIKER, p. 1,395; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 50 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$3,000; tot. mem., 50, pd. part time.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; mains, galv. i., 3 m., 3 in. dia.; 8 hyd.; 8 met.; pipe, galv. i.; pres., dom. 119 lbs., f. 119 lbs.; cost, \$10,000; wks. owned by Co.

HILLSBORO BRIDGE, p. 2,254; f. area, 640 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; inf., 200 ft.; tot. hose, 2,300 ft.; f. al., Gamewell, 10 bx.; val. equip.,

\$2,000; val. bldgs., \$5,000; exp. dept., \$419; tot. mem., 80 vol.

Water Supply—Src., pond, 4 m. bus. cent.; sys. grav.; res. cap., 500,000 gals.; mains, 8 m.; 40 hyd.; 415 serv.; pipe, iron & cem. lined; pres., dom. & f. 70 lbs.; cost, \$69,000; cost mtce.; \$500; wks. owned by precinct.

HINSDALE, p. 1,678; f. area, 200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, 2,000 ft.; linen, 1,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., bell; val. equip., \$17,500; val. bldgs., \$4,500; exp. dept., \$750; tot. mem., 75 vol.

Water Supply—(For f. purposes only.)—Src., riv. & canal; sys. pump dir.; 5 pump. eng., cap. day 1,440,000 gals.; mains, c. l. 2½ m., 6 to 12 in. dia.; 80 hyd.; pres., f. 90 to 120 lbs.; cost, \$15,000; wks. owned by Co.

HOLLIS, p. 925; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 str., 2 hand eng., 33 hand ex., 1 c. eng., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., telp. & bell; val. equip., \$1,900; val. bldgs., \$500; exp. dept., \$200; tot. mem., 34, pd. part time.

Water Supply—Src., well & cisterns.

HOOKSETT. F. dept. not reported.

Water Supply—Src., pond, ½ m. bus. cent.; sys., pump, dim. 10 x 10 ft., mat., bk.; res. cap., 10,000 gals.; 1 pump. eng., cap. day 20,000 gals.; mains, iron, 3 m., 1½ to 2 in. dia.; 40 serv.; pipe, iron; cons. day, 4,000 gals.; wks. owned by private Co.

HOPKINTON, p. 1,578. F. dept.—1 hand eng., 1 c. ex., 20 hand ex.; 80 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump; 1 pump. eng.; mains, c. l. 1½ to 2 in. dia.; cost, \$3,000.

HUDSON, p. 1,344; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 hose wag., 6 c. hand ex.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$400; exp. dept., \$400; tot. mem., 45 vol.

Water Supply—Src., spr., sys., pump to stdp.; stdp. cap., 75,000 gals., dim. 12 x 80, mat. iron; pump. eng., cap. day 1,000,000 gals.; mains, 4 m., 2 to 6 in. dia.; 11 hyd.; 88 serv.; pres., dom. 45 lbs., f. 125 lbs.; cost, \$50,000; wks. owned by Co.

JAFFREY, p. 1,895; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$500; tot. mem., 35, pd. part time.

Water Supply—Src., pond; sys., grav.; mains, 9½ m., 12 in. dia.; 62 hyd.; 218 serv.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$60,000; wks. owned by town.

KEENE, p. 10,068; merc. bldgs., bk., 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 str., 1 hand eng., 8 c. hand ex., 2 h. & l. trk., 2 hose car., 8 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; inf., 500 ft.; tot. hose, 7,500 ft.; f. al., elec., 28 bx.; val. equip., \$12,000; val. bldgs., \$10,000; exp. dept., \$5,000; tot. mem., 69, pd. full time 4, vol. 65; undra. rating, first class.

Water Supply—Src., lakes, 3 to 7 m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; mains, c. l. 4½ m., 4 to 24 in. dia.; 282 hyd.; 448 v.; 190 met.; 2,250 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 63 lbs.; cons. day, 1,600,000 gals.; cost, \$380,988; cost mtce., \$3,000; wks. owned by city.

KINGSTON, p. 1,015; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 20 vol.

Water Supply—Src., wells.

LACONIA, p. 10,183; f. area, 1,000 a.; bldgs., bk. & wd., 2 & 4 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 str., 2 comb. c. & h. wag., 18 hand ex., 2 h. & l. trk., 1 sup-

ply wag., 1 hose wag., 6 hose car., 8 hrs.; hose, cot., rub. lined, gd., 16,000 ft.; f. al., Gamewell, 32 bx.; val. equip., \$12,000; val. bldgs., \$19,000; exp. dept., \$12,350; tot. mem., 115, pd. full time 4, vol. 111; undra. rating, first class.

Water Supply—Src., lake, ½ m. bus. cent.; sys., pump to res.; res. cap., 2,750,000 gals.; 2 pump. eng., cap. day 8,000,000 gals.; mains, c. l. & cem., 25 m., 4 to 12 in. dia.; 100 hyd.; met., 1,446; 1,696 serv.; pipe, wrt. i.; pres., dom. 85 lbs., f. 85 lbs.; cons. day, 600,000 gals.; cost, \$180,000; cost mtce., \$7,244; wks. owned by Co.

LANCASTER, p. 2,054; f. area, 1,200 a.; merc. bldgs., wd. & bk., 2 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 8 c. hand ex., 1 h. & l. trk., 3 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 5,500 ft.; f. al., Gamewell, 11 bx.; val. equip., \$2,000; exp. dept., \$1,000; tot. mem., 35 vol.; undra. rating, second class.

Water Supply—Src., brook, 6 m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; mains, c. l. 12 m., 6 to 12 in. dia.; 70 hyd.; 56 v.; met., 1; 600 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 75 to 85 lbs.; cost, \$80,000; cost mtce., \$1,000; wks. owned by city.

LEBANON, p. 5,718; f. area, 2,000 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,800 ft.; inf., 500 ft.; tot. hose, 3,300 ft.; f. al., Gamewell, 12 bx.; val. equip., \$8,000; val. bldgs., \$3,500; exp. dept., \$2,000; tot. mem., 65 vol.

Water Supply—Src., riv., 1 m. east bus. cent.; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, iron, 4 to 10 in. dia.; 72 hyd.; 96 v.; met., 200; 675 serv.; pipe, galv. i.; pres., dom. 90 to 147 lbs., f. 90 to 147 lbs.; cost, \$100,000; wks. owned by city.

LISBON, p. 2,460; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; wd. rfs. perm. F. dept.—18 c. hand ex., 1 hand wag.; 1 h. & l. trk., 2 hose car.; hose cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al. wh.; val. equip., \$5,000; exp. dept., \$2,000; vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys. grav.; res. cap., 1,000,000 gals.; mains, wrt. i. & cem., 7 m.; 42 hyd.; 100 serv.; pipe, iron; pres., dom. 110 lbs., f. 110 lbs.; cons. day, 400,000 gals.; cost, \$40,000; cost mtce., \$500; wks. owned by Co.

LITTLETON, p. 4,069; f. area, 1,400 a.; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., bk. & wd. 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hand c. cart.; 9 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels, 3 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; 1 al., elec., 20 bx.; val. equip., \$5,000; val. bldgs., \$100; exp. dept., \$4,800; tot. mem., 18 vol.

Water Supply—Src., spr., 10 m. bus. cent.; sys. grav.; res. cap., 1,550,000 gals.; mains, c. l. 15 m., 4 to 12 in. dia.; 70 hyd.; met., 10; 380 serv.; pipe, wrt. i. & lead; pres., dom. 110 lbs., f. 125 lbs.; cons. day, 850,000 gals.; cost, \$200,000; cost mtce., \$2,000; wks. owned by city.

MANCHESTER, p. 70,063; merc. bldgs., bk. 1 to 6 stor.; priv., wd., 3 & 3½ stor.; wd. rfs. perm. F. dept.—7 str., 2 comb. c. & h. wag., 1 c. eng., 1 auto. comb. hose, "Flying Squad," 5 h. & l. trk., 1 aer. trk., 8 hose wag., 2 hose car., 51 hrs.; hose, cot., rub. lined, gd., 30,000 ft.; f. al., Gamewell, 92 bx.; val. equip., \$32,000; val. bldgs., \$82,862; tot. mem., 181, pd. full time 60, pd. part time 121.

Water Supply—Src., Massabesic Lake, 4 m. bus. cent.; sys., pump to res.; res. cap., 15,000,000 gals.; 4 pump. eng., cap. day 27,000,000 gals.; mains, c. l. 184 m., 4 to 24 in. dia.; 941 hyd.; 1,275 v.; met., 5,681; 7,492 serv.; pipe, lead lined iron; pres., dom. 60 lbs., f. 90 to 150 lbs.; cons. day, 4,796,400 gals.; cost, \$2,000,000; cost mtce., \$35,000; wks. owned by city.

MARLBORO, p. 1,478; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; exp. dept., \$392; tot. mem., 60 vol.

Water Supply—Src., spr. & riv.

MEREDITH, p. 1,638; f. area, 820 a.; bldgs. wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose car., 4 h. ex.; hose, cot., rub. lined, gd., 1,500 ft.; leather, gd., 450 ft.; linen, gd., 200 ft.; tot. hose, 2,150 ft.; f. al., wh. & telp., 3 bx.; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$480; tot. mem., 80 vol.; undrs. rating, second class.

Water Supply—Src., spr. & brooks; sys., grav.; res. cap., 10,000,000 gals.; mains, iron, 6 m., 4 to 10 in. dia.; 45 hyd.; met., 27; 220 serv.; pipe, iron; pres., f. 90 lbs.; cost, \$48,000; wks. owned by f. district.

MERIDEN, p. 250; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. No f. dept.

Water Supply—Src., brook, 2 m. bus. cent.; sys., grav.; res. cap., 48,000 gals.; mains, iron, 1½ m., 4 in. dia.; 2 hyd.; 4 v.; met., 7; 32 serv.; pipe, iron; pres., dom. 150 to 300 lbs., f. 75 to 150 lbs.; cons. day, 4,000 gals.; cost, \$6,000; wks. owned by Co.

MILFORD, p. 3,939; f. area, 2,560 a.; bldgs., wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,700 ft.; f. al., elec., 20 bx.; val. equip., \$11,000; exp. dept., \$1,841; vol.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., pump to stdp.; stdp. cap., 275,000 gals., dim. 25 x 70, mat. boiler 1; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 7 m., 4 to 10 in. dia.; 69 hyd.; 90 v.; met., 255; 578 serv.; pipe, cem. lined; pres., dom. 85 lbs. f. 85 lbs.; cons. day, 125,725 gals.; cost, \$62,562; cost mtce., \$6,283; wks. owned by city.

MILTON, p. 1,542; merc. bldgs., wd. F. dept.—6 c. hand ex., 1 hose car.; hose, 1,200 ft.; f. al., bell & wh.; val. bldgs., \$500; exp. dept., \$200; tot. mem., 30 vol.

No water supply.

NASHUA, p. 26,005; f. area, 8½ sq. m.; merc. bldgs., bk., 8 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 1 c. eng., 1 comb. h. & 1 trk., 26 c. hand ex., 2 h. & 1 trk., 4 hose wag., 23 hrs.; hose, cot., rub. lined, 14,000 ft.; f. al., Gamewell, 69 bx.; val. equip., \$48,935; val. bldgs., \$91,000; exp. dept., \$31,500; tot. mem., 89, pd. full time 24, pd. part time 65.

Water Supply—Src., wells & spr., 3 m. bus. cent.; sys., pump to res. & dir.; res. cap., 4,000,000 gals.; 5 pump. eng., cap. day, 22,000,000 gals.; mains, c. l., 66 m., 4 to 24 in. dia.; 327 hyd.; 700 v.; met., 1,100; 4,000 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 90 lbs.; cons. day, 2,700,000 gals.; wks. owned by Co.

NEW BOSTON, p. 982; f. area, 600 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—1 hand eng., 1 c. eng., 12 hand ex., 2 hose car., extension ladder; hose, cot., gd., 1,250 ft.; linen, gd., 200 ft.; leather, gd., 400 ft.; inf., 400 ft.; tot. hose, 2,250 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$1,500; exp. dept., \$150; tot. mem., 50, pd. part time.

Water Supply—Src., wells & riv.; in bus. cent.; sys., dir. pres.; 1 pump. eng.; mains, l., 1½ m., 3 to 8 in. dia.; 10 hyd.; wks. owned by Co. & city.

NEW IPSWICH, p. 927. F. dept.—3 hand eng., 5 c. hand ex.; tot. mem., 75 vol.

Water Supply—Src., wells & riv. in bus. cent.; sys., dir. pres.; 1 pump. eng.; mains, iron, 1½ m., 3 to 8 in. dia.; 10 hyd.; wks. owned by Co. & city.

NEWMARKET, p. 3,348; f. area, 8 a.; merc. bldgs., stn., bk., wd., 1 to 3½ stor.; priv., wd., 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 8 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 2,450 ft.; inf., 1,000 ft.; tot. hose, 8,450 ft.; f. al., elec., 12 bx.; val. equip., \$5,258.51; val. bldgs., \$2,000; exp. dept., \$2,650; tot. mem., 63; pd. part time 48, 16 substitutes; undrs. rating, second class.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 212,000 gals., dim. 38 x 25, loc. on hill, mat. iron; 1 pump. eng., cap. day 2,300,000 gals.; mains, c. l., 7 m., 4 to 12 in. dia.; 58 hyd.; met., 58; pipe, galv. l.; pres., dom. 70 to 95 lbs., f. 70 to 95 lbs.; cons. day, 163,000 gals.; wks. owned by town.

NEWPORT, p. 3,765; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 str., 1 h. & 1 trk., 3 hose car., 6 hired hrs.; hose, rub., gd., 8,000 ft.; f. al., elec., 12 bx.; val. equip., \$7,000; val. bldgs., \$15,000; exp. dept., \$2,475; tot. mem., 35 vol.

Water Supply—Src., pond, 5½ m. bus. cent.; sys., grav.; res. cap., 700,000 gals., loc. 1 m. bus. cent.; mains, c. l., 19 3-5 m., 4 to 12 in. dia.; 83 hyd.; 83 v.; 618 serv.; 3 met., pipe, cem. lined; pres., dom. 80 to 130 lbs., f. 80 to 180 lbs.; cost, \$118,000; cost mtce., \$1,400; wks. owned by town.

NEWTON, p. 962; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 1 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,500; exp. dept., \$176; tot. mem., 9, pd. part time.

Water Supply—Src., ponds & res.; 1 hyd.

NORTH CONWAY, p. 900; merc. bldgs., wd., 3 to 5 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; vol.

Water Supply—Src., Artists' Brook, Kearsage Brook & Mountain Brook; sys., grav.; res. cap., 2,000,000 gals.; pipe, 14 m.; 35 hyd.; 200 serv.; pres., 100 lbs.; cost, \$75,000; cost mtce., \$400; wks. owned by precinct.

NORTHUMBERLAND, p. 2,184. F. dept.—1 hand hose reel, 1 wag.; hose, 1,600 ft.; f. al., elec.; vol. Co.

Water Supply—Src., brooks, 8 m. bus. cent.; res., cap., 600,000 gals.; mains, c. l., 8 m., 4 to 10 in. dia.; 35 hyd.; 300 serv.; pipe, galv. l.; pres., dom. 78 lbs., f. 80 lbs.; cost, \$40,000; cost mtce., \$750; wks. owned by town.

PEMBROKE, p. 3,062; merc. bldgs., bk. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose car.; hose, 1,500 ft.; f. al., bell; vol.

Water Supply—Src., pond, 6 m. bus. cent.; sys., grav.; mains, c. l., 2½ m., 6 to 12 in. dia.; 51 hyd.; 400 serv.; pipe, galv. l.; pres., 60 lbs.; cost, \$70,000; wks. owned by Co.

PENNACOOK, p. 1,800; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., hooks & ladders, 3 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell, wh. & Gamewell; val. equip., \$7,500; val. bldgs., \$10,500; exp. dept., \$1,500; tot. mem., 42.

Water Supply—Src., pond, 7 m. bus. cent.; sys., grav.; mains, wd., 13 m., 4 to 12 in. dia.; 52 hyd.; 225 serv.; pipe, galv. l.; pres., dom. 60 to 95 lbs., f. 60 to 95 lbs.; cost, \$74,000; cost mtce., \$200; wks. owned by town.

PETERBORO, p. 2,277; f. area, 23,040 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 10 c. hand ex., 2 hose car.; linen hose, 8,500 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$800; exp. dept., \$879; tot. mem., 53 vol.

Water Supply—Src., brook & pond, 3 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals., loc. ¼ m. east of village; mains, iron, 7½ m., 4 to 12 in. dia.; 72 hyd.; 69 v.; met., 75; 340 serv.; pipe, wrt. l., cem. lined; pres., dom. 60 to 125 lbs.; cost, \$62,186; cost mtce., \$300; wks. owned by city.

PITTSFIELD, p. 2,222; f. area, 700 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 8 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 4,000 ft.; inf., 1,000 ft.; tot. hose, 5,000 ft.; f. al., bell & wh., 11 bx.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$2,780; tot. mem., 40 vol.

Water Supply—Src., pond; sys., grav.; res. cap., 1,500,000 gals.; mains, iron, 6½ m., 4 to 10 in. dia.; 38 hyd.; met., 5; pres., dom. 60 lbs., f. 80 lbs.; cost, \$40,000; cost mtce., \$600; wks. owned by Co.

PLAISTOW, p. 1,173; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; f. inv. F. dept.—1 hand eng., 1 hose car.; 3 hand ex.; hose, linen, gd., 1,000 ft.; tot. mem., 35 vol.

Water Supply—Src., wells & res.

PLYMOUTH, p. 2,200; f. area, 640 a.; bldgs., bk. & wd., 2 stor.; wd. rfa. perm.; no fwks. & combt. ord. F. dept.—12 c. hand ex., 1 h. & 1 trk., 1 hose car. & 2 hose reels; hose, cot., rub. lined, gd., 1,600 ft.; inf., 500 ft.; tot. hose, 2,100 ft.; f. al., Gamewell, 12 bx.; val. equip., \$2,700; val. bldgs., \$1,200; exp. dept., \$2,100; tot. mem., 28 vol.; undrs. rating, second class.

Water Supply—Src., spr.; sys., grav. & pump to res.; res. cap., 8,500,000 gals.; 1 pump. eng.; mains, c. i., 8 m., 4 to 8 in. dia.; 45 hyd.; met., 285; 800 serv.; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 60,000 gals.; cost, \$48,000; cost mtce., \$5,000; wks. owned by town.

PORTSMOUTH, p. 1,269; f. area, 2½ sq. m.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 1 comb. c. & h. wag., 12 c. hand ex., 1 h. & 1 trk., 4 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 10,000 ft.; inf., 200 ft.; tot. hose, 10,200 ft.; f. al., bell, wh. & Gamewell, 40 bx.; val. equip., \$46,000; exp. dept., \$18,000; tot. mem., 83, pd. full time 7, pd. part time 76.

Water Supply—Src., wells & res., 2 & 3 m. bus. cent.; sys., grav., pump to res. & stdp.; std. cap., 600,000 gals., dim. 30 x 100, mat. iron; res. cap., 25,000,000 gals.; 3 pump. eng., class comp., cap. day, 5,000,000 gals.; mains, c. i., 35 m., 4 to 16 in. dia.; 190 hyd.; 350 v.; met., 247; 2,847 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 60 lbs.; cons. day, 1,800,000 gals.; cost, \$375,000; cost mtce., \$40,000; wks. owned by city.

RAYMOND, p. 1,203; merc. bldgs., wd., 2 to 4 stor.; priv., wd., 1½ stor.; wd. rfa. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk.; hose, cot., rub. lined, gd., 2,600 ft.; val. equip., \$800; tot. mem., 22 vol.; undrs. rating, second class.

Water Supply—Src., wells, 900 ft. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 118,000 gals., dim. 15 x 90; pump. eng., cap. day 750,000 gals.; mains, c. i., 8 m., 6 to 10 in. dia.; 29 hyd.; 116 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 75 lbs.; cons. day, 70,000 gals.; cost, \$29,998; cost mtce., \$800; wks. owned by town.

ROCHESTER, p. 8,868; merc. bldgs., bk. & wd., 3 & 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—2 comb. c. & h. wag., 12 c. hand ex., 1 hand eng., 1 h. & 1 trk., 8 hose wag., 3 hose car., 4 hrs.; hose, cot., rub. lined, gd., 9,000 ft.; inf., 500 ft.; tot. hose, 9,500 ft.; f. al., Gamewell, 18 bx.; val. equip., \$9,000; val. bldgs., \$32,000; exp. dept., \$5,000; tot. mem., 76, pd. part time.

Water Supply—Src., pond & res., 4 m. bus. cent.; sys., grav., pond & res., cap. 3,000,000 gals.; stdp. cap., 275,000 gals.; mains, c. i., 30 m., 4 to 16 in. dia.; 182 hyd.; 470 met.; 1,560 serv.; pipe, galv. i.; pres., f. 60 lbs.; cost, \$200,000; cost mtce., \$3,000; wks. owned by city.

ROLLINSFORD, p. 1,836. F. dept.—2 hand eng., hand ex., 2 hose carts; f. al., bell; 40 vol. Water Supply—9 hyd.; pres., 85 lbs.

RUMNEY, p. 850. F. dept.—12 c. hand ex., 1 h. & 1 trk., 2 hose carts; hose, 500 ft.; f. al., Gamewell; tot. mem., 20, pd. full time 1, vol. 19. Water Supply—Src. & sys., not reported; pres., 85 lbs.; 25 hyd.

SALEM, p. 2,117. F. dept.—2 hose car., 2 5-gal. chemicals; hose, 2,000 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., lake, 2 m. bus. cent.; sys., grav.; mains, c. i., 8 m., 2 to 12 in. dia.; 52 hyd.; 10 v.; 265 serv.; pres., dom. & f., 45 lbs.; cost \$50,000; wks. owned by town.

SALMON FALLS (town of Rollinsford), p. 1,800; f. area, 200 a.; merc. bldgs., bk. & wd., 2½ & 3 stor.; priv., bk. & wd., 1½ to 3 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—2 hand eng., 3 c. hand ex., 2 hose car.; hose, cot., rub. lined, 1,650 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$12,000; exp. dept., \$484; tot. mem., 40 vol.

Water Supply—Src., wells.

SOMERSWORTH, p. 6,704; merc. bldgs., wd. & bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfa. perm.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 4,000

ft.; inf., 300 ft.; tot. hose, 4,300 ft.; f. al., bell; val. equip., \$14,500; val. bldgs., \$4,100; exp. dept., \$4,600; tot. mem., 83, pd. full time.

Water Supply—Src., riv., 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 1,000,000 gals., dim. 45 x 95, mat. iron; 2 pump. eng., cap. day 2,000,000 gals.; mains, iron, 4 to 18 in. dia.; 95 hyd.; 120 v.; met., 297; 957 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 90 lbs.; cons. day, 465,000 gals.; cost mtce., \$14,000; wks. owned by city.

STEWARTSTOWN, p. 1,128; f. area, 150 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfa. perm.; no fwks. ord. F. dept.—2 hose car., 600 ft. cot. hose; val. equip., \$1,500; exp. dept., \$200.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; mains, iron, 2½ m., 3 in. dia.; pres., dom. 22 lbs.; cost, \$10,000; wks. owned by Co.

SUNAPEE, p. 1,071; f. area, 200 a.; merc. bldgs., wd., 1½ to 4 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 5 c. hand ex., 2 h. & 1 trk., 3 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; inf., 1,000 ft.; tot. hose, 2,000 ft.; f. al., elec., 7 bx.; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 60, pd. part time.

Water Supply—Src., lake, ¼ m. bus. cent.; sys., pump to res.; res. cap., 300,000 gals., loc. 200 ft. above lake; 2 pump. eng., cap. day 250,000 gals.; mains, c. i., 2½ m., 4 to 8 in. dia.; 30 hyd.; met., 6; 100 serv.; pipe, galv. i.; pres., dom. 90 to 170 lbs.; f. 90 to 170 lbs.; cons. day, 30,000 gals.; cost, \$30,000; cost mtce., \$500; wks. owned by town.

SUNCOOK, p. 2,500; f. area, 2,500 a.; merc. bldgs., wd. & bk., 2½ & 3 stor.; priv., wd., 1½, 2 & 2½ stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose wag.; hose, rub. lined, gd., 2,000 ft.; f. al., Gamewell, 6 bx.; val. equip., \$2,500; exp. dept., \$400; tot. mem., 18 vol.

Water Supply—Src., pond, 6 m. bus. cent.; sys., grav.; res. cap., 125,000 gals., loc. 2½ m. town; 2 pump. eng., cap. day, 983,600 gals.; mains, c. i., 8 m., 6 to 12 in. dia.; 52 hyd.; 400 serv.; 83 met.; pipe, galv. i.; pres., f. 60 lbs.; cost, \$70,000; wks. owned by Co.

TILTON, p. 1,866; f. area, 500 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 & 2½ stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 8 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; inf., 1,000 ft.; tot. hose, 3,100 ft.; f. al., Gamewell; val. equip., \$2,300; val. bldgs., \$1,000; exp. dept., \$1,000; tot. mem., 20, pd.

Water Supply—Src., pond, 3 m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals.; mains, 6 m., 6 to 12 in. dia.; 37 hyd.; 600 serv.; pipe, iron; pres., dom. & f. 100 to 115 lbs.; cost, \$87,400; cost mtce., \$8,000; wks. owned by priv. Co.

TROY, p. 1,331; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfa. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 1 hose car., f. hooks & ropes; hose, cot., rub. lined, gd., 3,000 ft.; inf., 400 ft.; tot. hose, 3,400 ft.; f. al., bell & wh.; val. equip., \$4,500; val. bldgs., \$400; tot. mem., 20, pd. part time 15.

Water Supply—Src., 6 cisterns & riv. in bus. cent.; 2 pump. eng., cap. day 864,000 gals.; mains, iron, 3,210 ft., 8 in. dia.; 8 hyd.

WALPOLE, p. 2,668; bldgs., wd. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose car., 1,300 ft. hose; f. al., bell; vol.

Water Supply—Wks. owned by Co.; sys., grav.

WARNER, p. 1,226; f. area, 75 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfa. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 1 h. & 1 trk., 3 hose reels, 15 hand c. ex.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 20 vol.; undrs. rating, second class.

Water Supply—Src., lake & well; sys., grav.; res. cap., 8,000,000 gals.; mains, 2½ m.; 35 hyd.; pres., dom. 65 to 87 lbs., f. 87 lbs.; cons. day, 75,000 gals.; cost, \$23,000; wks. owned by Warner Village Fire District.

WHITEFIELD, p. 1,635; f. area, 400 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 1½ stor.; wd. rfa. perm.; no fwks. & combt. ord.; causes of

f. inv. F. dept.—40 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al. wh.; val. equip., \$1,500; exp. dept., \$250; tot. mem., 20 vol.

Water Supply—Src., brooks; sys., grav.; res. cap., 600,000 gals.; mains, c. l., 10 m., 6 to 10 in. dia.; 46 hyd.; 214 serv.; pipe, galv. i.; pres., dom. 80 to 110 lbs.; f. 80 to 110 lbs.; cost, \$64,000; cost mtce., \$1,000; wks. owned by village.

WILTON, p. 1,490; f. area, 1,000 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1½ stor.; wd. ris. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 hand eng., 6 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al. wh.; val. equip., \$1,400; val. bldgs., \$1,500; tot. mem., 86, pd. part time.

Water Supply—Src., brooks, 1½ m. bus. cent.; sys., grav.; res. cap., 2,100,000 gals.; mains, c. l., 52 rods, 4 to 12 in. dia.; 56 hyd.; met., 2; 25 serv.; pipe, galv. i.; pres., dom. 80 to 180 lbs., f. 80 to 180 lbs.; cost, \$44,858, wks. owned by town.

WINCHESTER, p. 2,382; merc. bldgs., wd., 2 & 2½ stor.; priv., bk. & wd., 1½ to 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng.; 4 hand eng., 50 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 3,400 ft.; f. al. bell & wh.; val. equip., \$7,000; val. bldgs., \$3,000; exp. dept., \$959; tot. mem., 150; 75 pd. part time, 75 vol.

Water Supply—Src., riv. & cisterns; hyd.; 2 stm. pumps; 1 pump operated by water power.

WOLFEBORO, p. 2,224; f. area, 1,900 a.; mere.

bldgs., bk. & wd., 2 to 3 stor.; priv., wd., 2½ stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & 1 trk., 4 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al. elec. 14 bx.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$2,000; tot. mem., 69 vol.

Water Supply—Src., pond; sys., grav.; res. cap., 300,000 gals.; mains, c. l., 22 m., 2 to 10 in. dia.; 60 hyd.; 49 v.; met., 2; 475 serv.; pipe, galv. i.; pres., f. 90 to 100 lbs.; cost, \$75,000; cost mtce., \$1,200; wks. owned by town.

WOODSTOCK, p. 1,083; f. area, 100 a. F. dept.—2 c. hand ex., 2 hose carts, 3,000 ft. hose; f. al. bell; val. bldgs., \$1,500; 30 vol.

Water Supply—26 hyd.; pres., 94 lbs.

WOODSVILLE, p. 800; bldgs., bk. & wd., 1½ to 4 stor.; wd. ris. perm. F. dept.—1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 2,700 ft.; f. al. bell & wh.; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 16, pd. part time; undra. rating, second class.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., dir.; 2 pump. eng., cap. day 2,940,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 30 hyd.; 12 v.; 215 serv.; pipe, wrt. & galv. i.; pres., dom. 75 lbs., f. 115 lbs.; cost, \$52,219; cost mtce., \$8,000; wks. owned by Co.

Places of 1,000 or more population having no organized fire dept.—Barrington, Candia, Deerfield, Lyme, Merrimack, Milan, Northwood, Plainfield, Sandwich, Seabrook, Swansey, Tamworth, Weare, Wilmet.

Places of 1,000 or more population not reported—Bedford, Jefferson, Londonderry, Ossipee, Rye, Strafford, Wakefield.

NEW JERSEY

ALLEN TOWN, p. 634. F. dept.—Not reported.

Water Supply—Src., lake, 1-3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals.; dim., 12 x 80; mat. wrt. i.; res. cap., 3,000,000 gals.; 2 pump. eng., class trip, cap. day 350,000 gals.; mains, c. l., 2½ m., 4 to 6 in. dia.; 22 hyd.; 10 v.; met., 1; 143 serv.; pipe, galv. i.; pres., dom., 35 to 55 lbs., f. 100 lbs.; cost, \$15,000; cost mtce., \$1,000; wks. owned by city.

ALMONESON, F. dept.—6 c. hand ex., buck-ets, &c.; tot. mem., 30 vol.

ASBURY PARK, p. 10,150; f. area, 3 sq. m.; merc. bldgs., bk. & wd., 1 to 7 stor.; priv., wd., 1 to 5; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 1 aer. trk., 16 c. hand ex., 2 h. & 1 trk., 1 c. eng. in reserve, 1 auto. hose wag., 7 hose wag., 24 hrs.; hose, cot., rub. lined, gd., 18,000 ft.; fair, 1,000 ft.; tot. hose, 14,000 ft.; f. al. elec. bell & wh., 32 bx.; val. equip., \$24,000; val. bldgs., \$60,000; exp. dept., \$24,000; tot. mem., 284.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals., dim. 12 x 125, mat. wrt. i.; res. cap., 204,500 gals., loc. at pump. station; 2 pump. eng., class comp. dup. & trip. expansion, cap. day 4,000,000 gals.; mains, c. l., 16 m., 4 to 12 in. dia.; 128 hyd.; 147 v.; met., 1,650; 1,650 serv.; pipe, galv. i.; pres., dom. 53 lbs.; cons. day, 649,000 gals.; cost, \$255,000; cost mtce., \$27,000; wks. owned by city.

ATLANTIC CITY, p. 46,150; f. area, 4½ sq. m.; merc. bldgs., bk. & wd., 1 to 10 stor.; priv., bk. & wd., 3 stor.; wd. ris. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—3 chief's auto., 11 str., 1 h. & 1 trk., 18 c. hand ex., 3 aer. trk., 3 hose wag., 1 c. eng., 8 comb. c. & h. wag., 47 hrs., 7 in reserve; hose, cot., rub. lined, gd., 22,000 ft.; f. al., Gamewell, 114 bx.; val. equip., \$156,000; val. bldgs., \$332,000; exp. dept., \$188,000; tot. mem., 138, pd. full time.

Water Supply—Src., creeks & wells, 7 m. bus. cent.; sys., pump to stdp.; stdp. cap., 625,000 gals., dim. 15 x 140 & 25 x 132, mat. iron; 8 pump. eng.; cap. day, 39,500,000 gals.; mains, c. l. & stl., 82 m., 1 to 6 in. dia.; 854 hyd.; met., 4,410; 4,429 serv.; pipe, tin lined galv. i.; pres., dom. 45 lbs., f. 45 lbs.; cons. day, 7,362,000 gals.; cost, \$1,459,265; cost mtce., \$86,430.31; wks. owned by city.

ATLANTIC HIGHLANDS, p. 1,645; f. area, 1,000 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.;

priv., bk., conc. & wd., 1 to 3½ stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car., 1 auto. hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al. bell & wh.; val. equip., \$3,850; tot. mem., 60 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 300,000 gals., dim. 35 x 45, mat. iron; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, c. l., 10 m., 4 to 10 in. dia.; 76 hyd.; 100 v.; met., 930; 350 serv.; pipe, galv. i.; pres., dom. 120 lbs., f. 140 lbs.; cons. day, 300,000 gals.; cost, \$75,000; cost mtce., \$8,000; wks. owned by city.

BAYONNE, p. 55,545; f. area, 4½ sq. m.; mere. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 & 3 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str. with hose, 4 str. (2 in reserve), 25 c. hand ex. 1 auto. comb. c. & hose wag., 3 comb. c. & hose wag., 1 h. & 1 trk. (1 in reserve), 1 aer. trk., 1 supply wag., 1 chief's wag., 1 chief's auto., 1 hose reel, 23 hrs.; hose, cot., rub. lined, gd., 9,500 ft. (2,150 ft. in reserve); f. al., Gamewell, 76 bx.; val. equip., \$64,000; val. bldgs., \$750,000; exp. dept., \$70,000; tot. mem., 66, all pd.; undra. rating, first class.

Water Supply—Src., riv., 9 m. bus. cent.; sys., grav.; stdp. cap., 75,000 gals.; mains, c. l., 61½ m., 6 to 30 in. dia.; 603 hyd.; 593 v.; met., 7,500; 8,749 serv.; pipe, c. l.; pres., dom. 35 lbs., f. 50 to 60 lbs.; cons. day, 8,000,000 gals.; cost, \$532,000; cost mtce., \$10,000; wks. owned by N. Y. & N. J. Water Co.

BELLEVILLE, p. 9,891; f. area, 3,000 a.; mere. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2½ stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 auto. comb. pump. & c. eng., 1 comb. c. & h. wag., 1 h. & 1 trk., 1 c. eng., 5 hose wag., 2 hose car.; hose, rub. lined, gd., 4,500 ft.; inf., 300 ft.; tot. hose, 4,800 ft.; f. al., Gamewell, 23 bx.; val. equip., \$11,000; val. bldgs., \$5,000; exp. dept., \$6,000; tot. mem., 68, pd. full time 3, pd. part time 1, vol. 64.

BELMAR, p. 1,433. F. dept.—2 str., 1 h. & 1 trk., 2 hose car.; hose, 3,500 ft.; f. al., Gamewell; tot. mem., 64, pd. 8 drivers, vol. 61.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 238,000 gals.; res. cap., 18,000 gals.; 2 pump. eng., cap. day

4,312,000 gals.; mains, c. i., 17 m., 4 to 12 in. dia.; 140 hyd.; 75 v.; 863 met.; 961 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 50 lbs.; cons. day, 200,000 gals.; cost, \$80,000; wks. owned by city.

BELVIDERE, p. 1,764; f. area, 600 a.; merc. bldgs., wd., 3 to 5 stor.; priv., wd., 3 & 4 stor.; wd. ris. perm. F. dept.—1 h. & l. trk., 7 hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., Gamewell, 5 bx.; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$700; tot. mem., 40 vol.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; stdp. cap., 33,840 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 15 hyd.; 40 v.; met., 4; 85 serv.; pres., dom. 80 lbs., f. 90 to 100 lbs.; cost, \$23,500; cost mtce., \$5,500; wks. owned by Co.

BERNARDSVILLE, p. 4,608; f. area, 2½ sq. m.; merc. bldgs., conc. & wd., 1 & 2 stor.; priv., bk., wd. & stn., 2 to 3 stor.; wd. ris. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. c. eng., 3 c. hand ex., 1 h. & l. trk., 1 hose wag., hose reel, 3 hrs.; hose, cot., rub. lined, gd., 950 ft.; inf., 200 ft.; tot. hose, 1,150 ft.; f. al., wh. & telp.; val. equip., \$3,000; val. bldgs., \$9,000; exp. dept., \$300; tot. mem., 49 vol.

Water Supply—Src., Passaic River, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 300,000 gals.; dim., 35 x 38; mat., conc.; res. cap., 120,000 gals.; 3 pump. eng.; cap. day, 400,000 gals.; mains, iron, 10 m., 4 to 8 in. dia.; 40 hyd.; 300 met.; 310 serv.; pres., dom. 100 lbs., f. 110 lbs.; cons. day, 46,300 gals.; cost, \$85,000; wks. owned by private Co.

BEVERLY CITY, p. 2,140; f. area, 2 m.; merc. bldgs., bk., wd. & terra cotta, 2 & 3 stor.; priv., wd., 2½ stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 hand ex., 1 h. & l. trk., 1 c. eng., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 600 ft.; tot. hose, 2,600 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$3,500; exp. dept., \$400; tot. mem., 100

Water Supply—Src., artesian wells; sys., pump to stdp.; stdp. cap., 150,000 gals., dim. 12 x 120, loc. in town, mat. iron; 2 pump. eng., class comp. cond., cap. day 1,500,000 gals.; mains, c. i., 30 m., 4 to 12 in. dia.; 125 hyd.; 72 v.; met., 10; 1,400 serv.; pipe, lead & i.; pres., dom. 35 to 50 lbs., f. 80 to 120 lbs.; cons. day, 500,000 gals.; wks. owned by priv. Co.

BLAIRSTOWN, p. 718; f. area, 25 a.; bldgs., wd., 2 stor.; wd. ris. perm.; no fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose car., 24 buckets, 6 ladders; hose, cot., rub. lined, gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$1,300; val. bldgs., \$1,200; exp. dept., \$100; tot. mem., 25 vol.

Water Supply—Src., str., artesian well; sys., pump to stdp.; stdp. cap., 112,000 gals.; pump. eng., cap. day 180,000 gals.; mains, c. i., 2 m., 15 to 20 in. dia.; 20 hyd.; 1 v.; 35 serv.; pres., dom. 67 lbs., f. 100 lbs.; cost, \$25,000; wks. owned by Trustees Blair Academy.

BLOOMFIELD, p. 15,070; f. area, 5 m.; merc. bldgs., stn. & bk., 3 stor.; priv., stn. & wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—14 c. hand ex., 1 h. & l. trk., 1 comb. c. & hose wag., 3 hose wag., 1 jumper, 6 hrs.; hose, cot., rub. lined, 4,500 ft.; f. al., Gamewell, 30 bx.; exp. dept., \$6,000; tot. mem., 122, pd. full time 6, vol. 116.

Water Supply—Town has bought the East Jersey Water Co.'s plant.

BOGOTA, p. 1,125; f. area, 600 a.; merc. bldgs., wd., 2 to 3 stor.; priv., wd., 1½ to 3 stor.; wd. ris. perm.; no fwks. or combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 comb. c. & h. wag., 1 hose reel; hose, cot., rub. lined, 2,400 ft.; inf., 300 ft.; tot. hose, 2,700 ft.; f. al., wh. & elec., 8 bx.; val. equip., \$4,700; val. bldgs., \$3,500; exp. dept., \$500; tot. mem., 90 vol.; undrs. rating, fifth class.

Water Supply—Not reported.

BOONTON, p. 4,930; f. area, 500 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm.; combt. ord.; causes of f. inv. F. dept.—3 hand eng., 5 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 1,000 ft.; inf.,

1,000 ft.; tot. hose, 4,500 ft.; f. al., bell; tot. mem., 152 vol.

Water Supply—Src., mountain str., 4 m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals.; mains, c. i., 12 m., 2 to 14 in. dia.; 68 hyd.; 100 v.; met., 30; 400 serv.; pipe, galv. i.; pres., dom. 15 to 104 lbs.; f. 15 to 104 lbs.; cost, \$135,000; cost mtce., \$1,000; wks. owned by Co.

BORDENTOWN, p. 4,250; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 hand eng., 1 c. eng., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., bell; val. equip., \$3,900; val. bldgs., \$10,500; exp. dept., \$1,000; tot. mem., 320 vol.

Water Supply—Src., creek, 3 m. bus. cent.; sys., pump to elevated tk. through 10-in. pipe & dir.; res. cap., 1,000,000 gals., loc. 2½ m. station; 2 pump. eng., class dup. comp., cap. day 1,500,000 gals.; mains, c. i., 7 m., 6 to 10 in. dia.; 64 hyd.; 20 v.; met., 30; 763 serv.; pipe, lead; pres., dom. 55 to 70 lbs.; cons. day 800,000 gals.; cost, \$113,000; wks. owned by city.

BOUND BROOK, p. 3,970; f. area, 75 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 2 stor.; combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 6 c. hand ex., 3 hose wag., 4 hrs.; hose, cot., rub. lined, 2,200 ft.; f. al., Gamewell, 13 bx.; val. equip., \$4,000; val. bldgs., \$7,500; tot. mem., 75 vol.

Water Supply—Src., mountain spr., 3 m. bus. cent.; sys., grav., pump to stdp. or dir.; stdp. cap., 117,000 gals., dim. 20 x 39, mat. vrt i.; res. cap., 15,000,000 gals.; 2 pump. eng., class dup. comp., cap. day 1,000,000 gals.; mains, c. i., 15 m., 4 to 11 in. dia.; 53 hyd., 137 v.; 440 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 50 lbs.; cost, \$57,500; cost mtce., \$1,100; wks. owned by Co.

BRADLEY BEACH, p. 1,807. F. dept.—1 str., 1 gasoline eng., 1 c. eng., 2 hose wag., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,500 ft.; c. hose, 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$1,500; tot. mem., 85 vol.

Water Supply—Src., East Jersey Water Co.

BRIDGETON, p. 14,209; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 1½ & 2 stor.; wd. ris. not perm.; fwks. & combt. ord. F. dept.—2 str., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., Gamewell, 25 bx.; exp. dept., \$5,000; tot. mem., 25, pd. full time 2, pd. part time 23; undrs. rating, second class.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., pump to stdp.; stdp. cap., 2,800,000 gals., dim. 100 x 44, mat. stl.; 3 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 32 m., 2 to 16 in. dia.; 286 hyd.; 465 v.; met., 10; 2,600 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 70 lbs.; cons. day, 1,100,000 gals.; cost, \$250,000; cost mtce., \$7,500; wks. owned by city.

BURLINGTON, p. 3,336; f. area, 400 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 1 to 3 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 1 h. & l. trk., 3 c. hand ex., 1 ser. trk., 6 hose car., 8 hrs.; hose, cot., rub. lined, gd., 3,050 ft.; rub., gd., 250 ft.; inf., 2,900 ft.; tot. hose, 5,950 ft.; f. al., Gamewell, 13 bx.; val. equip., \$22,000; val. bldgs., \$20,000; exp. dept., \$2,910; tot. mem., 392 vol.

Water Supply—Src., riv.; ¾ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 282,000 gals., dim. 20 x 120, mat. iron; 3 pump. eng., cap. day 3,000,000 gals.; mains, iron, 18½ m., 4 to 16 in. dia.; 152 hyd.; 1,800 serv.; pipe, lead & iron; pres., dom. 56 lbs., f. 56 lbs.; cons. day, 3,000,000 gals.; cost, \$150,000; cost mtce., \$6,000; wks. owned by city.

BUTLER, p. 2,265; f. area, 300 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 10 c. hand ex., 4 hose wag., 2 hrs.; hose, 2,800 ft.; f. al., bell; val. equip., \$7,500; val. bldgs., \$16,000; tot. mem., 130 vol.

Water Supply—Src., mountain str., 1½ m. bus. cent.; sys., grav.; res. cap., 8,000,000 gals.; mains, c. i., 7½ m., 4 to 10 in. dia.; 60 hyd.; 32 v.; 400 serv.; pipe, galv. i.; pres., dom. 30 to 140 lbs., f. 90 to 140 lbs.; cost, \$30,000; wks. owned by private Co.

CALDWELL, p. 2,286; f. area, 360 a.; bldgs., sta., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 c. eng., 5 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & Gamewell; tot. mem., 30 vol.

Water Supply—Src., Essex Falls Light & Water Co.; sys., pump to res.; res. cap., 1,300,000 gals.; 3 pump. eng.; mains, 8 m.; 100 hyd.; met., 335; 335 serv.; pres., dom. 50 lbs. f. 25 to 30 lbs.; cons. day, 55,000 gals.; cost, \$21,000; wks. owned by town.

CAMDEN, p. 94,538; f. area, 9½ m.; merc. bldgs., bk., 1 to 7 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str. with hose & c. tk., 6 str. (1 in reserve), 1 c. eng., 35 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 auto. aer. trk., 2 auto. comb. c. & h. wag., 7 comb. wag., 2 fuel & supply wag., 4 chief's auto., 28 hrs. (1 in reserve); hose, cot., rub. lined, gd., 20,650 ft.; f. al., Gamewell, 167 bx.; val. bldgs., \$85,000; exp. dept., \$140,310; tot. mem., 114, pd. full time.

Water Supply—Src., wells, 6 m. bus. cent.; sys., grav., pump dir.; stdp. cap., 47,000 gals., dim. 30 x 110, loc. south end town, mat. stl.; 4 pump. eng., class comp. dup., cap. day 35,000,000 gals.; mains, c. i., 110.4 m., 3 to 36 in. dia.; 924 hyd.; 1,450 v.; 1,196 met.; 3,500 serv.; pipe, lead & galv. i.; pres., dom. 35 lbs. f. 60 lbs.; cons. day, 10,375,000 gals.; cost, \$1,250,000; cost mtce., \$85,000; wks. owned by city.

CAPE MAY, p. 2,471; f. area, 8,000 a.; merc. bldgs., wd., 3 & 4 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—3 str., 1 c. eng., 1 comb. c. & h. wag., 8 c. hand ex., 1 aer. trk., 2 hose reels & car., 9 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 13 bx.; val. equip., \$25,550; val. bldgs., \$8,000; exp. dept., \$6,120; tot. mem., 40, pd. full time 7, vol. 33.

Water Supply—Src., wells, sys., pump to stdp.; stdp. cap., 270,000 gals., mat. stl.; pump. eng., cap. day, 4,500,000 gals.; mains, c. i., 24 m., 4 to 16 in. dia.; 126 hyd.; 75 v.; 1,100 serv.; pres., dom. c. f. 63 lbs.; cons. day, 1,230,000 gals.; cost, \$50,000; cost mtce., \$4,000; wks. owned by city.

CARLSTADT, p. 3,807; f. area, 1,400 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 8 c. hand ex., 1 h. & l. trk., 2 hose reels, 2 hose wag.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 500 ft.; tot. hose, 4,500 ft.; f. al., bell; val. equip., \$4,300; val. bldgs., \$14,000; exp. dept., \$2,300; tot. mem., 120 vol.

Water Supply—Src., supplied from Hackensack; mains, 8½ m., 4 to 12 in. dia.; 20 hyd.; 44 v.; pres., dom. 20 lbs. f. 50 lbs.; wks. owned by Co.

CARTARET, p. 5,000. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hose carts, 1 auto. str., 2 hrs.; 3,500 ft. hose; f. al., wh.; tot. mem., 50 vol.

Water Supply—82 hyd.; pres., 90 lbs.

CEDARVILLE, p. 1,057; merc. bldgs., wd., 1½ to 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area. F. dept.—2 h. & l. trk., buckets & ladders; f. al., bell; val. equip., \$170; val. bldgs., \$30.

Water Supply—Src., wells.

CHATHAM, p. 1,874; merc. bldgs., wd. F. dept.—1 auto. trk., 1 h. & l. trk., 2 hose carts, 2 c. tk.; hose, cot., rub. lined, 1,200 ft.; c. hose, 250 ft.; tot. hose, 1,450 ft.; f. al., wh.; tot. mem., 40 vol.

Water Supply—Sys., grav.; pres., 100 to 140 lbs.; wks. owned by city.

CINNAMINSON, p. 1,266. F. dept.—1 hose cart; hose, 600 ft.; val. equip., \$550; val. bldgs., \$100; tot. mem., 26 vol.

Water Supply—Tk.

CLAYTON, p. 1,926; bldgs., wd., 2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 8 hose car.; hose, cot., rub. lined, gd., 1,350 ft.; f. al., bell; val. equip., \$1,100; tot. mem., 24 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 101,000 gals., 100 ft. high; 2 pump. eng., cap. day 800,000 gals.; mains, wrt. i., 7 m., 4 to 8 in. dia.; 42 hyd.; met., 29; 67 serv.; pipe, galv. i.; pres., dom. 60 lbs. f. 100 lbs.; cost, \$50,000; cost mtce., \$1,000.

CLIFFSIDE, p. 3,394. F. dept.—Vol., 75 men. **Water Supply**—Pres., 90 lbs.

CLIFTON, p. 9,000; f. area, 11½ sq. m.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk., sta. & wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 autos. to pull apparatus, 1 c. eng., 26 c. hand ex., 3 h. & l. trk.; hose, cot., rub. lined, gd., 7,000 ft.; inf., 450 ft.; tot. hose, 7,450 ft.; f. al., elec., wh. & telp., 41 bx.; val. equip., \$8,000; val. bldgs., \$30,000; exp. dept., \$2,300; tot. mem., 228 vol.

Water Supply—Src., Pequannock riv., 15 m. bus. cent.; sys., pump. & grav.; 1 pump. eng.; mains, 25 m., 6 to 30 in. dia., mat. c. i. & wrt. stl.; 200 hyd.; pipe, c. i.; pres., dom. 70 lbs. f. 70 lbs.; wks. owned by priv. Co.

CLINTON, p. 886; f. area, 200 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 to 3½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 2 hose car.; hose, rub., gd., 1,800 ft.; f. al., bell; val. equip., \$5,000; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., spr. & strum. on mountain 4 m. distant; sys., grav.; cap. res., 600,000 gals.; mains, 7½ m., 4 to 6 in. dia.; 39 hyd.; 20 v.; 3 met.; pres., dom. 142 lbs. f. 130 lbs.; wks. owned by priv. Co.

COLLINGSWOOD, p. 4,795; f. area, 3 m.; bldgs., bk. & wd., 2½ stor.; wd. rfs. perm.; no fwks. ord. F. dept.—6 c. ex., 1 hand wag., 1 a. wag., 1 h. & l. trk., 1 hose reel; hose, cot., gd., 1,500 ft.; bell al.; tot. mem., 125 vol.

Water Supply—Src., artesian wells; sys., grav.; stdp. cap., 500,000 gals.; pipe, 3 m., 4 to 12 in. dia.; 75 hyd.; 2,000 met.; 2,200 serv.; cost, \$50,000; wks. owned by private Co.

CRANBURY, p. 1,424; f. area, 200 a.; merc. bldgs., wd., 2 to 3 stor.; priv., wd., 2 to 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—8 c. hand ex., 1 h. & l. trk., 2 hose reels, 1 hand pump; hose, cot., rub. lined, gd., 700 ft.; rub., gd., 250 ft.; tot. hose, 950 ft.; f. al., gong; val. equip., \$1,800; val. bldgs., \$500; exp. dept., \$100; tot. mem., 33 vol.

CRANFORD, p. 3,641; f. area, 660 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 2,700 ft.; rub., gd., 600 ft.; inf., 650 ft.; tot. hose, 3,450 ft.; f. al., bell, 9 bx.; val. equip., \$11,500; val. bldgs., \$1,500; exp. dept., \$1,100; tot. mem., 28, pd. part time.

Water Supply—Src., Plainfield Union Water Co. For description of wks. see Plainfield; 46 hyd.; pres., 85 lbs.

CROSSWICKS. Bldgs., wd. F. dept.—2 hand eng., 1 hose car.; hose, 550 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., spr.; sys., pump to stdp.; 1 pump. eng., class trip.; 29 hyd.

DECKERTON.

Water Supply—Src., lake; sys., grav.; res. cap., 2,500,000 gals.; lake cap., 170,000,000 gals.; pumps, cap. day 500,000 gals.; mains, c. i., 11 m., 4 to 8 in. dia.; 50 hyd.; 30 v.; met., 6; pres., dom. 50 lbs. f. 190 lbs.; cons. day, 150,000 gals.; cost, \$60,000; cost mtce., \$600; wks. owned by town.

DELFORD, p. 1,005; merc. bldgs., wd. & bk., 2 stor.; priv., wd.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. & 1 hose car., 2 hrs.; hose, solid rub. & cot., rub. lined, gd., 1,500 ft.; f. al., bells; val. equip., \$2,500; val. bldgs., \$3,500; tot. mem., 50 vol.

Water Supply—Hackensack Water Co.; sys., pump to stdp.; pump. eng., daily cap. 20,000,000 gals.; 39 hyd.; pres., 110 lbs.; mains, 6 m., 4 to 8 in. dia.

DOVER, p. 7,468; f. area, city limits; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 hand eng., 1 c. eng., 5 c. hand ex., 1 h. & l. trk., 5 hose carts & car.; hose, cot., rub. lined, gd., 3,100 ft.; f. al., Gamewell, 10 bx.; val. equip., \$11,022; val. bldgs., \$12,000; exp. dept., \$1,277; tot. mem., 104 vol.

Water Supply—Src., wells & spr., 1 m. bus. cent.; sys., grav. & pump to res.; res. cap., 7,000,000 gals., loc. in mountains; 1 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 23 m., 4 to 10 in. dia.; 176 hyd.; met., 600; 650 serv.; pipe,

galv. i. & lead; pres., f. 70 to 140 lbs.; cost, \$200,000; cost mtce., \$2,000; wks. owned by town.

DUNELLEN, p. 1,990; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 comb. c. & h. wag. with ladder, 1 hand eng., 8 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$50; tot. mem., 25 vol.

Water Supply—Src., Watcuing Water Co.; sys., pump to res.; 102 hyd.; pres., dom. 60 to 75 lbs.; wks. owned by Co.

EAST COLLINGSWOOD, p. 4,000; f. area, 9 m.; merc. bldgs., bk. & wd., 2½ stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 str., 1 auto. comb. str. & c. eng., 6 c. hand ex., 1 hose wag., 1 hose reel, 3 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., elec., 22 bx.; val. bldgs., \$11,000; tot. mem., 75 vol.

Water Supply—Same as Collingswood.

EAST NEWARK, p. 3,163; f. area, 75 a. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose co.; f. al., elec., val. equip., \$4,500; val. bldgs., \$4,000; exp. dept., \$1,000; tot. mem., 40, pd. part time.

Water Supply—Src., Rockaway riv.; sys., grav. & pump; mains, 2 m., 6 to 10 in. dia.; 29 hyd.; 22 v.; pres., 85 lbs.; cost, \$15,000; cost mtce., \$300; wks. owned by city.

EAST ORANGE, p. 34,371; f. area, 4 sq. m.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 comb. c. & hose wag., 1 h. & l. trk., 1 aer. trk., 19 hand ex., 1 chief's wag., 2 supply wag., 5 exercise wag., 20 hrs. (2 in reserve); hose, cot., rub. lined, gd., 8,150 ft.; f. al., Gamewell, 91 bx.; val. equip., \$55,430; val. bldgs., \$60,597; exp. dept., \$47,786; tot. mem., 45, pd. full time.

Water Supply—Src., wells, 9 m. bus. cent.; sys., grav., pump to res.; res. cap., 5,000,000 gals.; 2 pump. eng., class cross comp., cap. day 4,000,000 gals. each; mains, c. l., 89 m., 4 to 24 in. dia.; 738 hyd.; 1,103 v.; met., 4,112; 7,680 serv.; pipe, galv. i. & lead; pres., 55 to 125 lbs.; cons. day, 2,990,000 gals.; cost, \$1,250,000; wks. owned by city.

EAST RUTHERFORD, p. 4,275; f. area, 3,128 a.; bldgs., wd., 2 stor.; causes of f. not inv. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,950 ft.; f. al., Gamewell, 17 bx.; exp. dept., \$750; tot. mem., 87 vol.

Water Supply—Src., supplied by Hackensack Water Co.; mains, 5½ m.; 43 hyd.; 91 v.

EATONTOWN, p. 2,076; f. area, 12 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto hose wag., 1 h. & l. trk., 12 c. hand ex., 2 c. eng., 2 hose wag.; hose, cot., lined, gd., 3,500 ft.; rub. gd., 200 ft.; tot. hose, 3,700 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$2,000; exp. dept., \$1,500; tot. mem., 144 vol.

Water Supply—Src., spr., wells & brooks; sys., pump dir.; res. cap., 1,000,000 gals., loc. at Lin-croft; wks. owned by Co.

EGG HARBOR CITY, p. 2,181; f. area, 1,280 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 100 c. hand ex., 5 hose wag., water tower, 2 gasoline eng.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$2,000; tot. mem., 42 vol.

Water Supply—Src., artesian wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; dim, 10 x 100; mat., wrt. iron; 2 pump. eng.; cap. day, 1,750,000 gals.; mains, c. l., 7½ m., 4 to 12 in. dia.; 41 hyd.; pres., dom. 40 lbs., f. 90 lbs.; cost, \$44,900; wks. owned by Co.

ELIZABETH, p. 73,409; f. area, 9½ sq. m.; merc. bldgs., bk. & wd., 1 to 7 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—8 str., 26 c. hand ex., 3 h. & l. trk., 2 f. boats, 3 hose wag., 3 hose car., 33 hrs.; hose, cot., rub. lined, gd., 7,450 ft.; rub. gd., 6,000 ft.; inf., 793 ft.; tot. hose, 12,243 ft.; f. al., Gamewell, 110 bx.; exp.

dept., \$100,548; tot. mem., 105, pd. full time 75, pd. part time 30.

Water Supply—Src., wells, 6 m. bus. cent.; sys., pump to res. & stdp.; res. cap., 200,000,000 gals.; pump. eng., cap. day 13,000,000 gals.; mains, c. l., 30 m., 4 to 18 in. dia.; 144 hyd.; 60 v.; met., 50; 1,800 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 80 lbs.; cons. day, 1,000,000 gals.; wks. owned by Co.

ELMER, p. 1,140; merc. bldgs., wd. F. dept.—1 h. eng., 1 h. & l. trk.; f. al., bell; tot. mem., 40 vol.

Water Supply—Waterwks. to be installed.

ENGLEWOOD, p. 9,924; f. area, 2,560 a.; bldgs., bk., stn. & wd., 3 stor.; wd. rfs. not perm.; no fwks. perm. F. dept.—1 auto. comb. eng. & hose wag., 1 c. eng., 8 c. hand ex., 2 h. & l. trk., 2 hose wag., 2 hose reels, 6 hrs.; hose, cot., rub. lined, 6,000 ft.; f. al., Gamewell, 20 bx.; tot. mem., 33, pd. full time 8, pd. part time 25.

Water Supply—Src., from the Hackensack riv. at New Milford; 4 pump. eng., class comp. dup. vertical trip. expansion, cap. day 60,000,000 gals.; mains, c. l., 32.37 m., 4 to 24 in. dia.; 160 hyd.; 411 v.; met., 400; pres., dom. 30 to 70 lbs.; f. 60 to 130 lbs.; wks. owned by Hackensack Water Co.

FAIRVIEW, p. 2,441; f. area, 1,920 a.; merc. bldgs., bk. & wd.; wd. rfs. perm. F. dept.—2 h. & l. trk., 2 hose car., 1 hose wag.; hose, cot., rub. lined, gd., 4,200 ft.; f. al., bell & wh.; tot. mem., 115 vol.

No water supply.

FLEMINGTON, p. 2,693; f. area, 150 a.; merc. bldgs., bk. & wd., 3 stor.; priv., bk. & wd., 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 6 c. hand ex., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,600 ft.; f. al., elec., bell & wh., 30 bx.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$800; tot. mem., 120 vol.

Water Supply—Src., riv. & spr.; sys., grav. & pump to res.; res. cap., 650,000 gals.; pump. eng. cap. day 750,000 gals.; mains, iron, 13½ m., 4 to 8 in. dia.; 26 hyd.; 200 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 35 lbs.; cost, \$57,000; wks. owned by Co.

FLORENCE, p. 3,000. F. dept. not reported.

Water Supply—Src., Delaware Riv., 1 m. bus. cent.; sys., pump to stdp.; 2 pump. eng., cap. day 2,376,000 gals.; 45 hyd.; pres., dom. 25 lbs., f. 125 lbs.; wks. owned by priv. Co.

FORT LEE, p. 4,472; f. area, 2,500 a.; merc. bldgs., wd., 1 to 3½ stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 2 h. & l. trk., 6 c. hand ex., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,750 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$1,200; exp. dept., \$1,000; tot. mem., 109 vol.

No water supply.

FREEHOLD, p. 3,233; f. area, 700 a.; merc. bldgs., bk. & wd., 3 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 str., 1 h. & l. trk., 3 hose car.; hose, rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$6,000; exp. dept., \$1,000; tot. mem., 135 vol.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to stdp. & grav.; stdp. cap., 235,000 gals., dim. 20 x 100, mat. stl.; 3 pump. eng., class comp., cap. day 1,800,000 gals.; mains, iron, 10 m., 4 to 10 in. dia.; 75 hyd.; 80 v.; met. 50; 630 serv.; pipe, galv. i.; pres., dom. 40 to 50 lbs., f. 40 to 50 lbs.; cons. day, 250,000 gals.; cost, \$60,000; cost mtce., \$30,000; wks. owned by town.

FRECHTOWN, p. 984; merc. bldgs., bk. & wd., 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 2 hose car.; hose, cot., rub. lined, gd., 1,350 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 42 vol.

Water Supply—Src., creek, ¼ m. bus. cent.; sys., pump to res.; res. cap., 240,000 gals., loc. 1,700 ft. cent. of town; 2 pump. eng., cap. day 20,000 gals.; mains, cem., 2½ m., 4 to 9 in. dia.; 20 hyd.; pipe, galv. i.; pres., dom. 60 lbs., f. 60 lbs.; wks. owned by Co.

GARFIELD, p. 10,213; merc. bldgs., wd. ? stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. a.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l.

trk., 4 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., wh. & telp.; val. equip., \$5,000; val. bldgs., \$14,000; exp. dept., \$2,000; tot. mem., 158 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; 2 stdp., cap. 400,000 gals.; 2 pump. eng., class dup. & comp., cap. day 1,600,000 gals.; mains, 16 m., 2 to 12 in. dia.; 160 hyd.; met., 326; 1,368 serv.; pipe, galv. i.; pres., dom. 82 lbs., f. 100 lbs.; wks. owned by borough.

GLASSBORO, p. 2,821; merc. bldgs., wd. & stn., $2\frac{1}{4}$ stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—6 c. ex., 1 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 1,400 ft.; rub., gd., 400 ft.; tot. hose, 1,800 ft.; f. al., wh.; val. equip., \$2,300; val. bldgs., \$6,000; tot. mem., 31 vol.; undrs. rating, second class.

Water Supply—Src., from Clayton Water Co.; stdp. cap., 150,000 gals.; 53 hyd.; pipe, $9\frac{1}{4}$ m.; pres., dom. 60 lbs., f. 100 lbs.

GLEN RIDGE, p. 3,260; bldgs., wd. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 3,031 ft.; inf., 200 ft.; tot. hose, 3,231 ft.; f. al., Gamewell, 15 bx.; val. equip., \$8,227; val. bldgs., \$631; exp. dept., \$4,536; tot. mem., 45, pd. full time 1, pd. part time 2, 42 vol.

Water Supply—Src., East Jersey Water Co's plant at Little Falls, N. J.; sys., grav.

GLOUCESTER, p. 9,462; f. area, 640 a.; merc. bldgs., wd. & bk., 3 stor.; priv., wd., 30 ft. high; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 24 c. hand ex., 1 hose car., 2 hose wag., 1 hrs.; hose, 2,500 ft.; f. al., bell, 13 bx.; val. equip., \$6,500; val. bldgs., \$7,000; exp. dept., \$924; tot. mem., 27 vol.

Water Supply—Src., spr. & creek; sys., pump to res. & stdp.; stdp. cap., 145,000 gals.; res. cap., 2,000,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, 12 m.; 87 hyd.; pres., dom. 45 lbs., f. 80 to 90 lbs.; cost, \$82,000; cost mtce., \$1,908; wks. owned by city.

GUTTENBERG, p. 5,647; f. area, 117 a.; merc. bldgs., wd., 1 to 4 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 hand eng., 14 c. hand ex., 1 h. & l. trk., 4 hose wag., 1 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; rub., gd., 1,000 ft.; tot. hose, 4,000 ft.; f. al., bell & wh.; val. equip., \$18,000; val. bldgs., \$15,000; exp. dept., \$1,000; tot. mem., 150 vol.

Water Supply—Src., Hackensack Riv.; mains, c. i., 5 m., 4 to 36 in. dia.; 50 hyd.; 78 v.; pres., 45 to 70 lbs.; wks. owned by Hackensack Water Co.

HACKENSACK, p. 14,050; f. area, 3 m.; merc. bldgs., wd., 3 & 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 hand eng., 1 comb. c. & h. wag., 1 c. eng., 22 c. hand ex., 2 h. & l. trk., 18 hrs.; hose, cot., rub. lined, gd., 7,500 ft.; f. al., Gamewell, 39 bx.; val. equip., \$16,500; val. bldgs., \$15,000; exp. dept., \$10,000; tot. mem., 201, pd. full time 10, vol. 91.

Water Supply—Src., Hackensack Riv.; sys., pump to res.; res. cap., 250,000 gals.; pump. eng., cap. day 500,000 gals.; mains, c. i., 31 m., 4 to 20 in. dia.; 213 hyd.; 432 v.; pres., 55 to 100 lbs.; wks. owned by Hackensack Water Co.

HACKETTSTOWN, p. 2,715; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—1 c. wag., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., bell; tot. mem., 65 vol.

Water Supply—Src., spr. & strm., $1\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; cap. main res., 7,000,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; 64 hyd.; met., 14; pres., dom. 100 to 110 lbs., f. 100 to 110 lbs.; cost, \$30,000; cost mtce., \$1,000; wks. owned by city.

HADDONFIELD, p. 4,142; f. area, 640 a.; bldgs., wd., 3 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 supply wag., 2 hose carts, 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 2,600 ft.; f. al., bell; val. equip., \$5,800; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 50 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys.,

pump to stdp.; stdp. cap., 150,000 gals.; res. cap., 2,000,000 gals.; pump. eng., cap. day 1,600,000 gals.; mains, kalamain & c. i., 4 m., 4 to 10 in. dia.; 41 hyd.; 75 v.; met., 300; 875 serv.; pres., f. 85 lbs.; cost, \$110,000; cost mtce., \$3,000; wks. owned by Co.

HAMMONDTON, p. 5,088; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 2 c. eng., 4 c. hand ex., 2 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; rub., gd., 650 ft.; tot. hose, 1,750 ft.; f. al., bell, elec. & telp.; val. equip., \$1,850; val. bldgs., \$1,800; exp. dept., \$300; tot. mem., 42 vol.

Water Supply—Src., 6 deep wells, raised by compressed air, & cisterns.

HARRISON, p. 14,498; f. area, 1,280 a.; merc. bldgs., stn. & bk., 2 to 6 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 12 c. hand ex., 1 h. & l. trk., 2 hose carts, 2 hose cars; hose, cot., rub. lined, gd., 6,100 ft.; f. al., Gamewell, 23 bx.; val. equip., \$13,800; val. bldgs., \$4,600; exp. dept., \$6,977; tot. mem., 118 vol.

Water Supply—Src., New Jersey Suburban Water Co.; mains, 11 m., 6 to 20 in. dia.; 111 hyd.; met., 1,500; 1,000 serv.; pres., f. 80 lbs.; cost, \$42,500; cost mtce., \$3,500; wks. owned by Co.

HASBROUCK HEIGHTS, p. 2,155; f. area, 2 m. long, 1 m. wide; merc. bldgs., bk. & stn., $2\frac{1}{2}$ stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—6 c. ex., 4 on trk., 2 h. & l. trk., 2 hose car.; hose, cot., gd., 2,750 ft.; f. al., bell, wh. & Gamewell, 8 bx.; exp. dept., \$1,300.

Water Supply—Furnished by Hackensack Water Co.

HELMETTA, p. 661; f. area, 35 a.; merc. bldgs., bk., 6 stor.; priv., wd., 3 stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—2 hose car.; hose, rub., gd., 2,300 ft.; f. al., wh.; val. equip., \$3,000; tot. mem., 30 vol.

Water Supply—Src., pond, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 80,000 gals.; dim., 10 x 135; mat., wrt. i.; 8 pump. eng., class dup., cap. day, 2,880,000 gals.; mains, c. galv. & wrt. i., 3 m., 4 to 8 in. dia.; 30 hyd.; 23 v.; pipe, galv. & wrt. i.; pres., dom. 40 lbs., f. 60 lbs.; cons. day, 15,000 gals.; wks. owned by Co.

HIBERNIA, p. 2,000. F. dept. not reported.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; 3 pump. eng., cap. day 432,000 gals.; 24 hyd.; wks. owned by Co.

HIGH BRIDGE, p. 1,645. F. dept.—2 hose car., 1 h. & l. & hose trk.; hose, 2,000 ft.; f. al., wh. & elec.; tot. mem., 60 vol.

Water Supply—Src., res.; sys., grav.; res. cap., 1,000,000 gals.; pres., dom. 110 to 125 lbs.

HIGHTSTOWN, p. 1,879; f. area, 500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., $2\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 str., 1 h. & l. trk., 1 hose wag., 4 c. ex.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$9,300; val. bldgs., \$8,500; exp. dept., \$1,000; tot. mem., 30 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals., dim. 14 x 100, mat. etl.; 2 pump. eng., cap. day 806,400 gals.; mains, iron, 6 m., 4 to 12 in. dia.; 36 hyd.; met., 4; 856 serv.; pres., dom. 53 lbs., f. 100 to 150 lbs.; cons. day, 40,000 gals.; cost, \$22,500; cost mtce., \$1,200; wks. owned by city.

HOBOKEN, p. 70,324; f. area, 2,700 a.; merc. bldgs., stone & bk., 2 to 5 stor.; priv., stn. & bk., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 str. (2 in reserve), 2 h. & l. trk., 1 c. eng., 20 c. hand ex. (6 in reserve), 2 aer. trk., 4 comb. c. & h. wag., 1 hose wag., 1 hose wag. in reserve, 2 water towers, 1 chief's auto., 1 chief's wag., 1 fuel wag., 1 supply wag., 33 hrs.; hose, rub., gd., 10,050 ft. (650 ft. in reserve); f. al., Gamewell, 65 bx.; val. equip., \$54,445; val. bldgs., \$91,129; exp. dept., \$80,000; tot. mem., 90, pd. full time.

Water Supply—Src., Hackensack Riv.; sys., pump to res.; 2 res., cap. 80,000,000 gals.; 10 pump. eng., cap. day 172,000,000 gals.; mains, 32.77 m., 4 to 16 in. dia.; 365 hyd.; 536 v.; met., 13,619; 5,500 serv.; pres., 35 to 50 lbs.; cons.

day, 6,600,000 gals.; wks. owned by Hackensack Water Co.

HOMOKUS, p. 1,000. F. dept.—1 auto. f. eng., 2 hose carts; val. equip., \$2,500; tot. mem., 50 vol.

Water Supply—Src., wells in bus. cent.; sys. dir. pres.; pres., f., 50 to 100 lbs.; wks. owned by priv. Co.

HOPEWELL, p. 1,073; f. area, 200 a.; wd. rfs. perm. F. dept.—1 c. eng., 1 hand eng., 1 h. & l. trk., 2 hose car., 1 hose wag. & bucket company; bell alarm; val. equip., \$2,450; tot. mem., 115 vol.

Water Supply—Src., 2 wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 225,000 gals., loc. 1 m. town; 1 pump. eng., cap. day 10,000 gals.; mains, c. l., 4 m., 8 to 8 in. dia.; 16 hyd.; 18 v.; met., 150; 150 serv.; pipe, iron; pres., dom. 120 lbs., f. 120 lbs.; cons. day, 12,000 gals.; cost, \$27,000; cost mtce., \$1,200; wks. owned by borough.

IRVINGTON, p. 11,877; bldgs., bk. & wd. F. dept.—1 auto. comb. c. & h. wag., 1 h. & l. trk., 1 hose wag.; hose, 3,700 ft.; tot. mem., 33, 8 pd. full time, 25 vol.

Water Supply—Src., Commonwealth Water & Light Co., of Summit, N. J.

JAMESBURG, p. 2,075; f. area, 128 a.; merc. bldgs., wd., 2 & $\frac{1}{4}$ stor.; priv., wd., 30 ft. high; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—2 hose carts, 1 comb. h. & l. trk., 1 c. eng. & hose, 2 c. hand ex.; hose, rub. gd., 1,500 ft.; f. al. bell; val. equip., \$2,500; val. bldgs., \$400; exp. dept., \$300; tot. mem., 45 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 90,000 gals., dim. 65 x 15 ft., mat. iron; 2 pump. eng., cap. min. 200 gals.; mains, iron, 4 to 6 in. dia.; pres., 40 lbs.; wks. owned by Co.

JERSEY CITY, p. 267,779; f. area, 12 sq. m.; merc. bldgs., bk. & wd., 2 to 6 stor.; priv., bk. & wd., 2 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—16 str. (1 in reserve), 2 c. eng., 7 h. & l. trk. (1 in reserve), 43 c. hand ex. (2 in reserve), 5 aer. trk., 16 hose wag., 5 hose car., 3 chiefs' wag., 1 chiefs' auto, 106 hrs. (4 in reserve); hose, cot., rub. lined, gd., 23,998 ft.; rub. gd., 5,000 ft.; c., 2,250 ft.; tot. hose, 31,248 ft.; f. al., elec., 269 bx.; val. equip., \$200,000; val. bldgs., \$250,000; exp. dept., \$369,329; tot. mem., 266, pd. full time.

Water Supply—Src., riv., 25 m. bus. cent.; sys., grav.; res. cap., 129,200,000 gals.; 3 pump. eng., cap. day 105,000,000 gals.; mains, c. l., 215.12 m., 4 to 36 in. dia.; 2,274 hyd.; 2,502 v.; met., 1,600; 25,000 serv.; pipe, lead; pres., dom. 25 to 45 lbs., f. 50 lbs.; cons. day, 33,000,000 gals.; cost, \$5,200,000; cost mtce., \$445,000; wks. owned by city.

KEARNY, p. 18,659; f. area, 1,150 a.; merc. bldgs., wd. & bk., 3 to 5 stor.; priv., wd. & bk., 1 to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 chiefs' auto., c. car., 14 c. hand ex., 1 c. eng., 2 h. & l. trk., 3 hose wag., 12 hrs.; hose, cot., rub. lined, gd., 8,700 ft.; inf., 300 ft.; tot. hose, 9,000 ft.; f. al., Gamewell, 34 bx.; val. equip., \$17,000; val. bldgs., \$59,000; exp. dept., \$9,500; tot. mem., 150 vol.

Water Supply—Src., Jersey City Water Wks., 18 m. bus. cent.; sys., pump., grav. from Great Notch res. dir.; mains, 32 m., 6 to 30 in. dia.; 325 hyd.; 560 v.; met., 1,900; 2,290 serv.; pipe, lead; pres., dom. 65 to 190 lbs., f. 65 to 190 lbs.; cons. day, 817,200 gals.; wks. owned by town.

KEYPORT, p. 3,554; f. area, 1,280 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., $2\frac{1}{4}$ stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 h. & l. trk., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,050 ft.; rub. gd., 400 ft.; inf., 500 ft.; tot. hose, 2,950 ft.; f. al. bell, 8 bx.; val. equip., \$8,000; val. bldgs., \$16,500; exp. dept., \$2,500; tot. mem., 140 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 293,760 gals., dim. 20 x 125, nat. iron; 2 pump. eng., class dup. comp., cap. day 750,000 gals.; mains, c. l., $8\frac{1}{4}$ m., 4 to 12 in. dia.; 102 hyd.; 130 v.; met., 240; 750 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 60 lbs.; cons. day, 175,000 gals.; cost, \$62,000; cost mtce., \$2,600; wks. owned by city.

LAKEWOOD, p. 5,149; f. area, 2,500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 1,000 ft.; tot. hose, 2,000 ft.; f. al., wh. & elec., 11 bx.; val. equip., \$3,500; val. bldgs., \$3,000; exp. dept., \$3,000; tot. mem., 65 vol.

Water Supply—Src., 3 artesian wells; sys., pump to stdp.; stdp. cap., 144,000 gals., mat. stl.; 1 pump. eng., cap. day 2,000,000 gals.; mains, 12 m., 4 to 8 in. dia.; 103 hyd.; met., 225; 631 serv.; pres., dom. 45 lbs., f. 80 lbs.; wks. owned by Co.

LAMBERTVILLE, p. 4,657; f. area, 300 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. trip. comb. wag., 1 comb. ladder trk. & c. auto., 1 comb. tractor auto., 1 str., 1 c. eng., 20 c. hand ex., 2 comb. c. & h. wag., 1 h. & l. trk., 2 hose wag., 1 hose car., 1 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 300 ft.; tot. hose, 3,300 ft.; f. al., bell & wh.; val. equip., \$25,000; val. bldgs., \$15,000; exp. dept., \$4,000; tot. mem., 190 vol.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 38,000,000 gals.; 1 pump. eng., cap. 720,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 50 hyd.; 28 v.; met., 12; 250 serv.; pipe, galv. i.; pres., dom. & f. 70 lbs.; cons. day, 300,000 gals.; cost, \$72,000; cost mtce., \$1,500; wks. owned by Co.

LEONIA, p. 1,486. F. dept.—Vol.

Water Supply—Src., Hackensack Water Co.

LINDEN, p. 600; f. area, $\frac{1}{2}$ m.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., wd., $\frac{1}{4}$ to $2\frac{1}{4}$ stor.; wd. rfs. perm.; causes of f. inv. F. dept.—2 hose reels, 1 h. & l. trk.; hose, 1,000 ft.; val. bldgs., \$1,000; tot. mem., 85 vol.

Water Supply—From Elizabethtown Water Co.

LITTLE SILVER, p. 750; f. area, 4 sq. m.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline eng., 2 hrs.; hose, 1,500 ft.; f. al. bell; val. equip., \$3,000; val. bldgs., \$1,500; exp. dept., \$25; tot. mem., 45 vol.

Water Supply—From Long Branch.

LONG BRANCH, p. 13,298; f. area, 2,600 a.; merc. bldgs., stn., bk. & wd., $2\frac{1}{4}$ to 5 stor.; priv., stn., bk. & wd., $2\frac{1}{4}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 3 str., 2 c. eng., 14 c. hand ex., 5 hose wag., 1 hose car., 1 comb. c. & h. wag., 16 hrs.; hose, rub. gd., 5,270 ft.; inf., 750 ft.; tot. hose, 6,000 ft.; f. al., bell, 40 bx.; val. equip., \$40,000; val. bldgs., \$32,000; exp. dept., \$13,000; tot. mem., 500, pd. full time 17 vol. 483.

Water Supply—Src., spr., 7 m. bus. cent.; sys., pump dir.; 5 pump. eng., cap. day 21,000,000 gals.; mains, c. l., 100 m., 4 to 36 in. dia.; 310 hyd.; 250 v.; met., 400; pres., dom. 60 lbs., f. 70 lbs.; wks. owned by Co.

LUMBERTON, p. 200. F. dept.—1 hose car.; hose, 1,800 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$3,500; tot. mem., 50 vol.

Water Supply—Src., creek, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 58,000 gals.; 1 pump. eng., cap. day 264,000 gals.; mains, c. l., 2 m., 4 to 8 in. dia.; 20 hyd.; 14 v.; pres., dom. 55 lbs., f. 100 lbs.; cons. day, 17,000 gals.; cost, \$14,000; cost mtce., \$498; wks. owned by priv. Co.

MADISON, p. 4,658; f. area, 2,060 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., $2\frac{1}{4}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. pump. eng., 16 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 7 hrs.; hose, cot., rub. lined, 3,000 ft.; f. al. elec., bell & wh.; val. equip., \$10,000; val. bldgs., \$11,000; exp. dept., \$3,500; tot. mem., 80 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 292,525 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 21 m., 4 to 10 in. dia.; 152 hyd.; 44 v.; met., 550; 775 serv.; pres., f. 95 lbs.; cons. day, 350,000 gals.; cost, \$100,000; cost mtce., \$8,000; wks. owned by town.

MANASQUAN, p. 1,582; f. area, 258 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 3 stor.

wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 c. hand ex., 1 h. & 1 trk., 5 hose car.; hose, cot., rub. lined, gd., 2,800 ft.; pres., 150 lbs.; f. al., bell & wh.; val. equip., \$5,400; val. bldgs., \$8,000; exp. dept., \$500; tot. mem., 100 vol.

Water Supply—Src., artesian wells & cisterns to stdp.; cap., 152,000 gals.

MATAWAN, p. 1,646; f. area, 100 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 4 c. hand ex., 1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$1,000; tot. mem., 110 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 97,500 gals.; dim., 12 x 115; mat., stl.; 2 pump. eng., class comp. dup., cap. day 500,000 gals.; mains, c. l., 4 to 10 in. dia.; 58 hyd.; met., 835; pipe, lead; cons. day, 120,000 gals.; cost, \$40,000; wks. owned by town.

MAY'S LANDING, p. 1,859; f. area, 1,280 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. trk., 10 c. hand ex., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 950 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 35 vol.

Water Supply—Src., 2 wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 101,000 gals.; 1 pump. eng., cap. day 60,000 gals.; mains, c. l., $\frac{1}{4}$ m., 4 to 10 in. dia.; 52 hyd.; 38 v.; 174 serv.; pres., dom. & f., 55 lbs.; cons. day, 60,000 gals.; cost, \$30,000; cost mtce., \$960; wks. owned by town.

MEDFORD, p. 1,903; f. area, 15 a.; merc. bldgs., stn. & wd., 2 & 3 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$625; val. bldgs., \$2,000; exp. dept., \$425; tot. mem., 60 vol.

Water Supply—Src., creek, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 85,000 gals.; dim. 12 x 100, mat. iron; 1 pump. eng., cap. day 360,000 gals.; mains, iron, 4 m., 4 to 6 in. dia.; 24 hyd.; 30 v.; 250 serv.; pipe, galv. l.; pres., dom. 40 lbs., f. 40 to 60 lbs.; cost, \$15,000; cost mtce., \$800; wks. owned by Co.

MENDHAM, p. 1,129; bldgs., wd. F. dept.—1 auto. trk., 1 h. & 1 trk., 1 hose cart, 7 c. hand ex.; hose, 1,000 ft.; tot. mem., 45 vol.

Water Supply—Src., spr., sys., grav.; mains, 8 to 6 in.; hyd., 800 to 400 ft. apart; pres., 90 lbs.

MERCHANTVILLE, p. 1,998; f. area, 1,280 a.; bldgs., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 c. hand ex., 1 h. & 1 trk., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$3,100; val. bldgs., \$2,500; exp. dept., \$300; tot. mem., 68 vol.; undrs. rating, third class.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 440,000 gals.; res. cap., 400,000 gals.; 2 pump. eng.; cap. day, 3,000,000 gals.; mains, iron, $32\frac{1}{4}$ m., 4 to 12 in. dia.; 122 hyd.; met., 500; 1,467 serv.; pipe, iron; pres., dom. 38 lbs., f. 100 lbs.; cons. day, 350,000 gals.; cost, \$300,000; cost mtce., \$20,000; wks. owned by private Co.

METUCHEN, p. 2,138; f. area, 1,500 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 6 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,200 ft.; inf., 150 ft.; tot. hose, 3,350 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$15,000; exp. dept., \$200; tot. mem., 140 vol.

Water Supply—Src., wells, 7 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 1,500,000 gals.; mat., iron; 2 pump. eng., cap. day 3,000,000 gals.; mains, iron, 44 m., 4 to 12 in. dia.; 95 hyd.; 1,035 serv.; pipe, iron; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 950,000 gals.; wks. owned by Co.

MIDLAND PARK, p. 2,001; f. area, 400 a. F. dept.—1 h. & 1 trk., 4 c. hand ex., 2 hose reels, 1,000 ft. hose; val. equip., \$2,000; exp. dept., \$150; tot. mem., 55 vol.

Water Supply—Src., artesian wells, $1\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 390,000 gals.; dim., 30 x 32; mat., iron; 2 pump. eng.; cap. day, 4,000,000 gals.; mains, c. l., 8 m., 6 to 12 in. dia.; 31 hyd.; 4 met.; 177 serv.; pres., dom. & f. 35 to 100 lbs.; wks. owned by Bergen Water Co.

MILBURN, p. 4,000; f. area, 4 sq. m. F. dept.—1 c. auto., 1 h. & 1 trk., 12 hand ex., 2 hose wag., 1 hose reel; f. al., bell; val. equip., \$15,000; exp. dept., \$8,000; tot. mem., 40, pd. part time.

Water Supply—Src., stdp., 1 m. bus. cent.; sys., grav.; 80 hyd.; pres., dom. 60 to 172 lbs., f. 60 to 172 lbs.; wks. owned by priv. Co.

MILLVILLE, p. 12,451; f. area, 1,280 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 12 c. hand ex., 1 h. & 1 trk., 1 hose wag., 4 hose car., 2 hrs.; hose, cot., rub. gd., 4,500 ft.; inf., 500 ft.; tot. hose, 5,000 ft.; f. al., bell & telp.; val. equip., \$10,000; exp. dept., \$3,000; tot. mem., 41.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp., dim. 12 x 128, loc. near station, mat. iron; 3 pump. eng., cap. day 8,750,000 gals.; mains, 20 m., 8 to 12 in. dia.; 66 hyd.; pipe, lead, galv. l.; pres., dom. 40 lbs., f. 60 lbs.; wks. owned by Co.

MONTCLAIR, p. 21,550; f. area, 10 sq. m.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—18 c. hand ex., 1 auto. h. & 1 trk., 1 h. & 1 trk., 2 comb. c. & h. wag., 1 auto. trip. comb. c. & h. wag., 14 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., bells & wh., 86 bx.; val. equip., \$50,000; val. bldgs., \$80,000; exp. dept., \$35,000; tot. mem., 58, pd. full time 20, pd. part time 2, vol. 86.

Water Supply—Src., riv. & wells, 7 m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 500,000 gals., loc. on First Mountain, mat. iron; 5 pump. eng., cap. day 9,000,000 gals.; mains, c. l., 73 m., 4 to 20 in. dia.; 595 hyd.; 4,250 met.; 4,250 serv.; pipe, lead & galv. l.; pres., dom. 90 lbs., f. 125 lbs.; cons. day, 1,250,000 gals.; wks. owned by Co.

MOORESTOWN, p. 4,850; f. area, 4 sq. m.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., $2\frac{1}{2}$ & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—40 c. hand ex., 2 h. & 1 trk., 1 auto. comb. c. & h. wag., 1 hose wag., 4 hose car.; hose, cot., rub. lined, gd., 2,450 ft.; rub. gd., 200 ft.; tot. hose, 2,650 ft.; f. al., Gamewell, 25 bx.; val. equip., \$7,000; val. bldgs., \$8,000; exp. dept., \$2,500; tot. mem., 150 vol.

Water Supply—Src., pond & creek; sys., pump to stdp.; stdp. cap., 150,000 gals.; res. cap., 8,000,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, cem. & iron, 12 m., 4 to 8 in. dia.; 80 hyd.; 35 v.; 590 serv.; pipe, lead; pres., dom. 45 lbs., f. 75 lbs.; cost, \$78,000; cost mtce., \$7,000; wks. owned by Co.

MORRISTOWN, p. 12,507; f. area, 2,560 a.; merc. bldgs., bk. & wd., $2\frac{1}{4}$ to 5 stor.; priv., stn., bk. & wd., $2\frac{1}{4}$ stor.; frame bldgs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 auto. c. eng., 1 auto. h. & 1 trk., 16 c. hand ex., 1 hose wag., 2 hose car., 11 hrs.; hose, cot., rub. lined, 6,000 ft.; f. al., bell, wh. & Gamewell, 23 bx.; val. equip., \$35,000; val. bldgs., \$45,000; exp. dept., \$15,000; tot. mem., 250 vol.

Water Supply—Src., spr., 1 to 3 m. bus. cent.; sys., grav. & pump to res.; res. cap., 40,000,000 gals.; 1 pump. eng., class comp., cap. day 1,500,000 gals.; mains, c. l., 60 m., 4 to 12 in. dia.; 150 hyd.; 650 v.; met., 1,400; 1,600 serv.; pipe, lead & galv. l.; pres., dom. 80 lbs., f. 60 lbs.; cost, \$450,000; cost mtce., \$600; wks. owned by Co.

MT. HOLLY, p. 5,500; f. area, 1,500 a.; merc. bldgs., bk., $2\frac{1}{2}$ & 3 stor.; priv., wd., $2\frac{1}{4}$ & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 4 c. hand ex., 1 h. & 1 trk., 1 c. eng., 4 hose car.; hose, cot., rub. lined, gd., 4,600 ft.; inf., 2,000 ft.; tot. hose, 6,600 ft.; f. al., bell & wh.; val. equip., \$24,000; val. bldgs., \$20,000; tot. mem., 375 vol.; undrs. rating, second class.

Water Supply—Src., creek, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 1,500,000 gals.;

pump. eng., cap. hour 60,000 gals.; mains, c. i., 18 m., 3 to 12 in. dia.; 70 hyd.; 180 v.; 22 met.; 990 serv.; pipe, lead; pres., dom. 40 lbs.; f. 43 lbs.; cost, \$93,441; cost mtce., \$8,000; wks. owned by Co.

NEPTUNE CITY, p. 488; merc. bldgs., bk. 4 stor.; priv., wd., 2 1/2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—Gasoline eng., 1 hose cart; hose, rub. lined, gd., 1,500 ft.; f. al., gong & bell; val. equip., \$5,000; val. bldgs., \$1,000; exp. dept., \$50; tot. mem., 20 vol.

NEWARK, p. 347,469; f. area, 28 1/2 sq. m.; merc. bldgs., stn., bk. & wd., 2 to 18 stor.; priv., stn., bk. & wd., 2 to 5 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—24 str., 2 auto. str., 1 auto. comb. c. & h. wag., 1 auto. aer. trk., 6 hose wag., 21 comb. c. & h. wag., 26 exercise wag., 80 c. hand ex., 7 h. & l. trk., 3 aer. trk., 1 water tower, 8 chief's auto., 1 chief's auto. in reserve, 1 repair dept. auto., 1 telg. dept. auto., 1 supply wag., 1 auto. supply wag., 1 searchlight car, 25 exercise wag., 7 chief's buggies, 180 hrs.; hose, cot., rub. lined, 51,150 ft.; c., 5,550 ft.; tot. hose, 56,700 ft.; f. al., Gamewell, 518 bx.; val. equip., \$488,351; val. bldgs., \$656,255; exp. dept., \$659,366; tot. mem., 412, pd. full time.

Water Supply—Src., riv., 25 m. bus. cent.; sys., grav.; res. cap., 10,000,000 gals.; mains, c. i. & stl., 380 m., 4 to 60 in. dia.; 3,067 hyd.; 5,635 v.; met., 23,000; 50,000 serv.; pipe, lead; pres., dom. 35 to 75 lbs.; f. 35 to 150 lbs.; cons. day, 38,000,000 gals.; cost, \$8,959,790; cost mtce., \$250,000; wks. owned by city.

NEW BRUNSWICK, p. 23,388; f. area, 2,880 a.; merc. bldgs., bk., stn. & wd., 2 & 3 stor.; priv., bk., stn. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 str., 1 auto. trip. comb. c. & h. wag., 20 c. hand ex., 2 h. & l. trk., 1 auto. h. & l. trk., 1 supply wag., 1 hose wag., 8 comb. c. wag., 3 hose car., 21 hrs.; hose, cot., rub. lined, 6,300 ft.; f. al., Gamewell, 50 bx.; val. equip., \$60,000; val. bldgs., \$50,000; exp. dept., \$16,000; tot. mem., 297, pd. full time 1, pd. part time 1, vol. 295.

Water Supply—Src., brooks, 2 m. bus. cent.; sys., pump to res.; res. cap., 15,000,000 gals.; pump. eng., cap. day 13,000,000 gals.; mains, iron, 50 m., 4 to 20 in. dia.; 281 hyd.; 739 v.; met., 538; 3,523 serv.; pipe, galv. i.; pres., dom. 12 to 54 lbs.; f. 12 to 54 lbs.; cons. day, 2,386,400 gals.; cost, \$600,875; cost mtce., \$14,556.40; wks. owned by city.

NEWTON, Sussex Co., p. 4,467; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 hand eng., 3 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 4 hose car., hose, cot., rub. lined, gd., 1,000 ft.; inf., 2,000 ft.; tot. hose, 3,000 ft.; f. al., wh., 18 bx.; val. equip., \$9,600; val. bldgs., \$12,000; exp. dept., \$1,000; tot. mem., 155 vol.

Water Supply—Src., lake, 9.8 m. bus. cent.; sys., grav.; mains, c. i., 26 m., 2 to 12 in. dia.; 132 hyd.; 374 met.; 1,004 serv.; pipe, galv. i.; pres., dom. 126 lbs.; f. 126 lbs.; cost, \$210,000; cost mtce., \$8,000; wks. owned by town.

NORTH BERGEN (includes New Durham), p. 9,218; f. area, 8,960 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; shingle & tin rfs. perm. in f. limits; dwellings, bk. & wd., 2 stor.; no fwks. ord. F. dept.—1 hand eng., 2 h. & l. trk., 8 c. ex., 6 hose car., 1 hose wag.; hose, cot., gd., 5,800 ft.; bell al.; val. equip., \$6,600; val. bldgs., \$7,000; exp., \$2,435; tot. mem., 250 vol.

Water Supply—Src., Hackensack Riv., sys., dir. pres.; mains, c. i., 84 m., 3 to 36 in. dia.; 183 hyd.; 479 v.; pres., 40 to 70 lbs.; wks. owned by Hackensack Water Co.

NORTH PLAINFIELD, p. 6,117; merc. bldgs., bk. & wd. F. dept.—1 str., 4 c. hand eng., 1 h. & l. trk., 2 hose car., 2 hrs.; hose, 2,400 ft.; f. al., elec., bell; tot. mem., 15, pd. full time 2, vol. 15.

Water Supply—Src., wells; sys., pump; pres., dom. 65 lbs.; cost, \$15,000.

NORWOOD, p. 564; f. area, 1,500 a.; merc. bldgs., wd., 2 to 3 stor.; priv., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot.,

rub. lined, gd., 1,025 ft.; f. al., bell; val. equip., \$1,250; exp. dept., \$400; tot. mem., 38 vol.

Water Supply—From Hackensack Water Co.

NUTLEY, p. 6,009; f. area, 640 a.; merc. bldgs., wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & h. wag., 6 c. hand ex., 2 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., Gamewell, 26 bx.; val. equip., \$15,000; val. bldgs., \$10,000; exp. dept., \$4,500; tot. mem., 52 vol.

Water Supply—Src., East Jersey Water Co., 8 m. bus. cent.; sys., grav.; mains, c. i., 15 m., 4 to 8 in. dia.; 185 hyd.; met., 1,900; 730 serv.; pipe, lead & galv. i.; pres., dom. & f. 95 lbs.; cons. day, 270,000 gals.; cost, \$77,000; wks. owned by town.

OCEAN CITY, p. 1,950; f. area, 550 a.; merc. bldgs., bk., stn. & wd., 1 to 5 stor.; priv., bk., stn. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 str. with auto. tractors, 2 auto. comb. c. & h. wag., 1 chief's auto., 2 comb. c. & h. wag., 2 hand c. eng., 25 c. hand ex., 1 auto. aer. trk., 3 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 3,000 ft.; tot. hose, 8,000 ft.; f. al., Gamewell, elec., 21 bx.; val. equip., \$40,000; val. bldgs., \$10,000; exp. dept., \$7,000; tot. mem., 145, pd. full time 5, vol. 140.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 188,000 gals.; res. cap., 55,000 gals.; 3 pump. eng., cap. day 5,600,000 gals.; mains, wrt. & c. i., 29 m., 4 to 12 in. dia.; 95 hyd.; 375 v.; met., 1,500; 2,300 serv.; pipe, galv. & wrt. i.; pres., dom. 40 to 55 lbs.; f. 100 lbs.; wks. owned by Co.

OCEAN GROVE, p. 2,754; f. area, 1,940 a.; merc. bldgs., stn., bk. & wd., 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. str., 1 auto. c. eng., 1 auto. aer. h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; rub. gd., 800 ft.; tot. hose, 3,800 ft.; f. al., Gamewell, 14 bx.; val. equip., \$25,000; val. bldgs., \$22,000; exp. dept., \$5,000; tot. mem., 90 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 430,000 gals.; pump. eng., cap. day 1,500,000 gals.; mains, 1 1/2 m., 4 to 12 in. dia.; 60 hyd.; 15 v.; 1,500 serv.; met., 1,400; pres., dom. 25 lbs.; cons. day, 300,000 gals. in winter, 1,000,000 gals. in summer; cost, \$95,000; cost mtce., \$4,500; wks. owned by Co.

ORADELL, p. 1,500; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 600 ft.; inf., 100 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$4,000; exp. dept., \$250; tot. mem., 50 vol.

ORANGE, p. 29,630; f. area, 100 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. c. & h. wag., 1 comb. h. & l. trk. with 2-35 gal. c. tanks, 1 chief's gig, 2 comb. c. & h. wag., 16 c. hand ex., 1 h. & l. trk., 3 exercise wag., 14 hrs.; hose, cot., rub. lined, gd., 5,850 ft.; inf., 650 ft.; tot. hose, 6,500 ft.; f. al., Gamewell, 50 bx.; val. equip., \$47,000; val. bldgs., \$36,000; exp. dept., \$45,948; tot. mem., 34, pd. full time.

Water Supply—Src., riv., 7 m. bus. cent.; sys., grav., pump dir.; res. No. 1 cap., 250,000,000 gals., No. 2 cap., 6,000,000 gals., loc. near Northfield Ave., W. O.; 3 pump. eng., class comp. dup., cap. day 3,250,000 gals.; mains, c. i., 52 m., 4 to 24 in. dia.; 380 hyd.; met., 4,912; 4,912 serv.; 354 v.; pipe, galv. i.; pres., dom. 30 to 80 lbs.; f. 90 lbs.; cons. day, 2,500,000 gals.; cost, \$600,000; cost mtce., \$10,000; wks. owned by city.

PALMYRA, p. 2,801; f. area, 640 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh., 20 bx.; val. equip., \$2,000; val. bldgs., \$2,500; exp. dept., \$360; tot. mem., 28 vol.

Water Supply—Src., spr. & wells; sys., pump to stdp.; stdp. cap., 75,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, 10 m., 4 to 3 in. dia.; 60 hyd.; 51 v.; 430 serv.; pres., f. 50 lbs.

PASSAIC, Passaic Co., p. 54,773; merc. bldgs., bk. & wd. & stn., 1 to 6 stor.; priv., wd., 2½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 auto. str., 5 auto. comb. c. & h. wag., 1 auto. comb. pump. eng. & hose wag., 2 auto. h. & l. trk., 1 auto. supply wag.; hose, cot., rub. lined, gd., 5,500 ft.; f. al., Gamewell, 97 bx.; val. equip., \$50,000; val. bldgs., \$125,000; exp. dept., \$48,000; tot. mem. 48, pd. full time.

Water Supply—Src., Paterson sys., 8 m. bus. cent.; sys., pump dir.; pump. eng., cap. day 15,000,000 gals.; mains, iron & cem., 41.7 m., 4 to 20 in. dia.; 500 hyd.; met., 2,633; 4,952 serv.; 498 v.; pipe, lead & iron; pres., dom. 25 to 80 lbs.; f. 120 lbs.; cons. day, 4,500,000 gals.; cost, \$750,000; cost mtce., \$10,000; wks. owned by Co.

PATERSON, p. 125,000; f. area, 5,600 a.; merc. bldgs., stn., bk. & wd., 2 to 8 stor.; priv., stn., bk. & wd., 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—10 str., 2 auto. eng., 1 c. eng., 1 auto. c. eng., 3 auto. comb. c. & h. wag., 2 comb. c. & h. wag., 1 auto. aer. trk., 1 comb. h. & l. trk., 30 c. hand ex., 1 aer. trk., 6 hose wag., 3 chief's auto., 2 chief's wag., 1 fuel wag., 1 auto. supply wag., 1 supply wag., 7 exercise wag., 42 hrs.; hose, cot., rub. lined, gd., 22,500 ft.; inf., 700 ft.; tot. hose, 23,200 ft.; f. al., Gamewell, 185 bx.; val. equip., \$165,000; val. bldgs., \$151,000; exp. dept., \$183,000; tot. mem., 145, pd. full time.

Water Supply—Src., riv., 5 m. bus. cent.; sys., pump to res. & dir.; res. cap., 150,000,000 gals.; 4 pump. eng., cap. day 50,000,000 gals.; mains, c. i. & stl., 146½ m., 6 to 36 in. dia.; 1,446 hyd.; 14,000 taps; 3,407 v.; met., 8,050; 15,000 serv.; pres., dom. 80 to 60 lbs., f. 95 lbs.; wks. owned by Co.

PAULSBORO, p. 2,121; f. area, 720 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 5 c. hand ex., 1 hose wag., 2 hose reels, 3 hrs.; hose, cot., rub. lined, gd., 2,800 ft.; f. al., bell, 12 bx.; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$250; tot. mem., 100 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir. to mains; stdp. cap., 87,000 gals., dim. 12 x 100, mat. stl.; 2 pump. eng., class trip., cap. day 900,000 gals.; mains, c. i., 6 m., 4 to 8 in. dia.; 58 hyd.; 28 v.; 2 met.; 450 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 40 to 140 lbs.; cons. day, 125,000 gals.; cost, \$45,000; cost mtce., \$200; wks. owned by Co.

PENGROVE, p. 2,118. F. dept.—1 comb. c. eng., 2 hand ex., 1 hose car.; hose, 950 ft.; tot. mem., 35 vol.

Water Supply—Wells & lake, 4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals., dim. 12 x 110, mat. stl.; 3 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 11 m., 4 to 8 in. dia.; 83 hyd.; 40 v.; met., 450; 240 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 130 lbs.; cons. day, 100,000 gals.; cost, \$185,000; wks. owned by priv. Co.

PENNINGTON, p. 722; f. area, 1,500 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk., stn. & wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 gas. eng., 12 c. hand ex., 1 c. eng., 1 hose car.; hose, gd., 2,000 ft.; fair, 100 ft.; inf., 100 ft.; tot. hose, 2,200 ft.; f. al., telp., bell; val. equip., \$7,000; exp. dept., \$200; tot. mem., 100 vol.

Water Supply—Src., spr. & wells, 2½ m. bus. cent.; sys., dir. pres.; res. cap., 450,000 gals.; 2 pump. eng.; mains, wd. & iron, 4 m., 2 to 4 in. dia.; 100 met.; pres., dom. 20 lbs.; wks. owned by priv. Co.

PERTH AMBOY, p. 32,121; f. area, ½ m.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., stn. & bk., 2½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—3 str., 3 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 hose wag., 1 hose reel, 3 comb. c. & h. wag., 1 chief's wag., 19 hrs.; hose, cot., rub. lined, gd., 7,300 ft.; f. al., Gamewell, 37 bx.; val. equip., \$70,000; val. bldgs., \$22,500; exp. dept., \$2,500; tot. mem. 239, pd. full time 13, vol. 226.

Water Supply—Src., wells, 10 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 750,000

gals., dim. 40 x 80, loc. on high elevation, mat. iron; 3 pump. eng., class dup., comp. dup., triple expansion & cross comp.; cap. day, 24,000,000 gals.; mains, c. i., 60 m., 2 to 30 in. dia.; 335 hyd.; 440 v.; 4,777 serv.; met., 2,500; pipe, galv. i.; pres., dom. 40 lbs., f. 70 lbs.; cons. day, 6,937,000 gals.; cost, \$1,134,025; cost mtce., \$88,783; wks. owned by city.

PHILLIPSBURG, p. 13,903; f. area, 1,600 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 jumper, 12 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 4,400 ft.; fair, 400 ft.; tot. hose, 4,800 ft.; f. al., Gamewell, 24 bx.; val. equip., \$7,600; val. bldgs., \$30,000; exp. dept., \$1,800; tot. mem., 180 vol.

Water Supply—Src., riv., sys., filtered, pump to res.; res. cap., 2,000,000 gals.; 3 pump. eng., cap. day 5,600,000 gals.; mains, c. i., 20 m., 4 to 16 in. dia.; 102 hyd.; 150 v.; met., 40; 1,500 serv.; pipe, galv. i.; pres., dom. 35 to 110 lbs., f. 35 to 110 lbs.; wks. owned by Co.

PLAINFIELD, p. 20,550; f. area, 3,840 a.; merc. bldgs., stn., bk. & wd., 2 to 5 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 auto. str. with hose, 1 str., 2 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 12 c. hand ex., 1 aer. trk., 1 chief's auto., 1 hose wag., 10 hrs.; hose, cot., rub. lined, gd., 8,550 ft.; f. al., Gamewell, 55 bx.; val. equip., \$26,806; val. bldgs., \$28,417; exp. dept., \$44,000; tot. mem. 49, pd. full time 24, vol. 25; undra. rating, first class.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump. to stdp. & dir.; stdp. cap., 1,850,000 gals.; pump. eng., cap. day 11,000,000 gals.; mains, c. i., 61.29 m., 4 to 16 in. dia.; 531 hyd.; met., 500; 436 v.; 5,600 serv.; pipe, lead & galv. i.; pres., f., 72 lbs.; wks. owned by Co.

PLEASANTVILLE, p. 4,390; f. area, 2,500 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$75; tot. mem., 35 vol.; undra. rating, fourth class.

POINT PLEASANT, p. 1,003; f. area, 3,000 a.; merc. bldgs., wd., 2½ stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose wag., 2 auto. hose trk., 1,500 ft. hose; val. equip., \$4,000; val. bldgs., \$11,000; exp. dept., \$150; tot. mem., 100 vol.

Water Supply—Src., driven wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 250,000 gals., dim. 17 x 120, mat. wd.; 2 pump. eng., cap. day 76,000 gals.; mains, iron, 7 m., 3 to 4 in. dia.; 12 v.; 70 hyd.; pipe, c. i.; pres., dom. 60 lbs.; cost, \$12,000; cost mtce., \$250; wks. owned by Co.

POMPTON LAKES, p. 1,060; f. area, 400 a.; merc. bldgs., wd. & stn., 1 & 2 stor.; priv., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas. pump. eng., 1 c. eng., 8 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 1,450 ft.; f. al., elec., 12 bx.; val. equip., \$8,500; val. bldgs., \$4,000; exp. dept., \$3,000; tot. mem. 80, pd. full time 2, vol. 78.

Water Supply—Src., 2 wells, 2 m. bus. cent.; sys., pump dir.; res. cap., 5,000,000 gals.; 2 pump. eng., cap. day 900,000 gals.; mains, c. i., 9 m., 6 to 12 in. dia.; 90 hyd.; 160 v.; 200 met.; 200 serv.; pipe, c. i.; pres., dom. 30 lbs., f. 90 lbs.; cons. day, 100,000 gals.; cost, \$55,000; cost mtce., \$5,000; wks. owned by city.

PRINCETON, p. 5,136; merc. bldgs., wd. & bk., 2 to 5 stor.; priv., stn., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; combt. ord. F. dept.—1 str., 1 c. eng., 1 auto. h. & l. trk., 1 h. & l. trk., 12 c. hand ex., 1 aer. trk., 6 hose car.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., bell & 21 bx.; val. bldgs., \$13,000; exp. dept., \$2,000; tot. mem., 150 vol.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to res.; stdp. cap., 142,000 gals., dim. 20 x 60, loc. within borough limits, mat. iron; 3 pump. eng., class dup., cap. day 2,250,000 gals.; mains, c. i., 10 m., 4 to 10 in. dia.; 75 hyd.; 75

v.; met., 1,063; 884 serv.; pipe, galv. i.; pres., dom. 45 to 70 lbs., f. 35 to 70 lbs.; cons. day, 285,000 gals.; wks. owned by Co.

RAHWAY, p. 9,337; f. area, 2,100 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 12 c. hand ex., 2 h. & l. trk., 1 jumper, 3 hose wag., 3 hose car., 10 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., wh., 11 bx.; val. equip., \$12,000; val. bldgs., \$20,000; exp. dept., \$8,000.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., pump dir. to stdp. or mains; stdp. cap., 460,000 gals.; 4 pump. eng., cap. day 9,000,000 gals.; mains, cem. & iron, 19.2 m., 4 to 12 in. dia.; 120 hyd.; 222 v.; met., 180; 1,789 serv.; pipe, lead; pres., dom. 45 lbs., f. 60 lbs.; cons. day, 2,000,000 gals.; cost, \$250,000; cost mtce., \$23,000; wks. owned by city.

RAMSEY, p. 1,667. F. dept.—2 c. eng., 1 h. & l. trk.; tot. mem., 45 vol.

Water Supply—Waterwks. to be installed.

RARITAN, p. 3,672; f. area, 1½ sq. m.; merc. bldgs., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. hose, c. h. & l. wag., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 2,000 ft.; f. al., Gamewell, 6 bx.; val. equip., \$4,500; val. bldgs., \$8,000; tot. mem., 50 vol.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 520,000 gals., dim. 26 x 155, loc. in town, mat. iron; 2 pump. eng., cap. day 3,000,000 gals.; mains, iron; 75 hyd.; met., 15; 950 serv.; pipe, iron; pres., dom. 60 lbs.; cons. day, 1,000,000 gals.; cost, \$152,000; wks. owned by Co.

RED BANK, p. 7,898; f. area, 1,000 a.; merc. bldgs., stn. & bk., 2 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 1 hose wag., 8 hose carts & car., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 500 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., Gamewell, 10 bx.; val. equip., \$7,500; val. bldgs., \$1,200; exp. dept., \$2,160; tot. mem., 150 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res.; res. cap., 820,000 gals.; pump. eng., cap. day 1,200,000 gals.; mains, c. l., 18 m., 4 to 10 in. dia.; 168 hyd.; 46 v.; met., 1,340; 843 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 45 lbs.; cost, \$140,000; cost mtce., \$4,125; wks. owned by city.

RIDGEFIELD PARK, p. 966. F. dept.—Vol. **Water Supply**—Src., Hackensack Riv.; sys., dir. pres.; mains, c. l., 16 m., 6 to 30 in. dia.; 77 hyd.; 262 v.; pres., 55 to 70 lbs.; wks. owned by Hackensack Water Co.

RIDGEWOOD, p. 5,416; f. area, 4,800 a.; merc. bldgs., wd. & bk., 2½ & 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 c. eng., 12 c. hand ex., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., elec., 31 bx.; val. equip., \$17,000; val. bldgs., \$20,000; tot. mem., 85 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 450,000 gals., dim. 50 x 30, mat. iron, & 1 stdp., dim. 60 x 30; 3 pump. eng., class comp., cap. day 4,500,000 gals.; mains, c. l., 40 m., 4 to 12 in. dia.; 125 hyd.; 45 v.; met., 35; 1,626 serv.; pipe, iron; pres., dom. 90 lbs., f. 90 lbs.; cost, \$85,000; wks. owned by Co.

RIVERSIDE, p. 736; f. area, 600 a.; merc. bldgs., stn., bk. & wd., 2 to 5 stor.; priv., stn., bk. & wd., 2 to 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. hose wag., 4 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., Gamewell; val. equip., \$7,000; val. bldgs., \$8,000; exp. dept., \$900; tot. mem., 46 vol.

Water Supply—Src., wells; stdp.

RIVERTON, p. 1,788; f. area, 480 a.; merc. bldgs., bk. & wd., 2 & 2½ stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., elec., 9 bx.; val. equip., \$1,200; val. bldgs., \$2,400; tot. mem., 50 vol.

Water Supply—Src., wells, ¼ m. bus. cent.;

sys., pump to stdp.; stdp. cap., 397,608 gals., dim. 30 x 75; 1 stdp., cap. 176,715 gals., dim. 20 x 75; 3 pump. eng., cap. day 4,500,000 gals.; mains, cem. & iron, 22 1-3 m., 4 to 16 in. dia.; 139 hyd.; 9 met.; 1,050 serv.; pipe, iron & lead; pres., dom. 40 to 50 lbs., f. 75 lbs.; cons. day, 400,000 gals.

ROCKAWAY, p. 1,902; merc. bldgs., bk. & wd. F. dept.—1 comb. auto. c. & h. trk. combined, 1 hose car., 6 c. hand ex., 1 h. & l. trk., 1 auto. hose wag.; hose, cot., rub. lined, gd., 1,700 ft.; f. al., telp. & wh.; tot. mem., 42 vol.

Water Supply—Src., res., 2 m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, 6,000 ft., 4 in. dia.; 16 hyd.; pres., f. 110 lbs.; cons. day, 4,000 gals.; cost, \$35,000; wks. owned by city.

ROOSEVELT, p. 5,786; f. area, 2,880 a. F. dept.—1 h. & l. trk., 2 hose car., 1,900 ft. hose; val. equip., \$3,500; val. bldgs., \$1,500; exp. dept., \$500; tot. mem., 50 vol.

Water Supply—30 hyd.; pres., dom. 85 lbs., f. 85 lbs.

ROSELLE, p. 2,725; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 c. hand ex., 1 h. & l. trk., 2 hose car., 1 auto. comb. pump. eng.; hose, cot., rub. lined, gd., 1,400 ft.; rub. gd., 800 ft.; tot. hose, 2,200 ft.; f. al., telp. & bell, 12 bx.; val. equip., \$12,500; val. bldgs., \$1,000; exp. dept., \$2,800; tot. mem., 30, pd. full time 2, vol 28.

Water Supply—Src., Plainfield Water Co.; sys., grav.; 42 hyd.; pres., dom. 70 to 90 lbs., f. 70 to 90 lbs.; wks. owned by Co.

RUTHERFORD, p. 7,045; f. area, 690 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., bk. & stn., 2½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—8 c. hand ex., 1 h. & l. trk., 3 hose wag., 1 hose car., 6 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 14 bx.; val. equip., \$6,000; val. bldgs., \$24,000; exp. dept., \$4,800; tot. mem., 55 vol.

Water Supply—Src., Hackensack Riv.; sys., pump to res.; res. cap., 250,000 gals.; pump. eng., cap. day 500,000 gals.; mains, c. l., 22 m., 2 to 12 in. dia.; 83 hyd.; 283 v.; pres., 25 to 55 lbs.; wks. owned by Hackensack Water Co.

SALEM, p. 6,614; f. area, 800 a.; merc. bldgs., wd. & bk., 2 to 4 stor.; priv., wd., 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 6 c. hand ex., 1 h. & l. trk., 4 hose carts, 8 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bell, wh. & telp.; val. equip., \$13,000; val. bldgs., \$20,000; exp. dept., \$437; tot. mem., 300 vol.; undra. rating, first class.

Water Supply—Src., pond, 3 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 1,000,000 gals.; mains, iron, 12 m., 4 to 12 in. dia.; 85 hyd.; 45 v.; 8 met.; 800 serv.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 650,000 gals.; cost, \$100,000; cost mtce., \$5,800; wks. owned by city.

SCOTCH PLAINS, p. 515; bldgs., bk. & wd., 2½ stor.; wd. rfs. perm. F. dept.—1 hand eng., 1 c. eng., 4 c. ex., 1 h. & l. trk., 2 hose car., 1 hose wag.; hose, rub., 250 ft.; cot., 1,450 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$6,000; exp., \$100; tot. mem., 100 vol.

Water Supply—Supplied by Plainfield Water Co.; 14 hyd.; pres., 65 lbs.

SEABRIGHT, p. 1,220; f. area, 9,000 a.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 3 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 8 hand ex., 1 hose wag., 1 hose car., 6 hrs.; hose, rub., gd., 1,800 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$1,800; exp. dept., \$750; tot. mem., 75 vol.

Water Supply—Src., Long Branch Water Co.; sys., pump to stdp.; stdp. cap., 1,700 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 2 m.; cost, \$18,500; wks. owned by Co.

SECAUCUS, p. 4,740; bldgs., wd. F. dept.—1 h. & l. trk., 2 hose car.; hose, 2,000 ft.; f. al., bell; tot. mem., 50.

Water Supply—From Hackensack Water Co.

SOMERVILLE, Somerset Co., p. 5,060; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 1 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. c. & h. wag.

1 h. & l. trk., 1 hose wag., 1 hose car., 8 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 18 bx.; val. bldgs., \$18,000; tot. mem., 140, pd. full time 10, pd. part time 90; undra. rating, first class.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 850,000 gals.; pump. eng., cap. day 3,000,000 gals.; mains, c. i., 25 m., 3 to 36 in. dia.; 123 hyd.; met., 32; 1,450 serv.; pipe, lead & iron; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 1,500,000 gals.; cost, \$328,375; cost mtce., \$17,089; wks. owned by Co.

SOUTH AMBOY, p. 7,007; f. area, 1,280 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. eng., 12 c. hand ex., 2 h. & l. trk., 2 f. boats, 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,650 ft.; rub. gd., 900 ft.; inf., 100 ft.; tot. hose, 2,650 ft.; f. al., Gamewell, 9 bx.; val. equip., \$12,000; val. bldgs., \$8,000; tot. mem., 160 vol.

Water Supply—Src., from Perth Amboy, 4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 180,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. i., 9 m., 4 to 12 in. dia.; 94 hyd.; met., 35; 600 serv.; pres., dom. 10 lbs., f. 60 lbs.; cost, \$40,000; wks. owned by borough.

SOUTH ORANGE, p. 6,014; f. area, 2,560 a.; merc. bldgs., wd., bk. & stn., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, linen, rub. lined, gd., 2,600 ft.; inf., 200 ft.; tot. hose, 2,800 ft.; f. al., bell, val. equip., \$4,500; val. bldgs., \$2,000; tot. mem., 36 vol.

Water Supply—Src., wells, 7 m. bus. cent.; sys., pump to stdp.; water purchased from Essex Union Water & Light Co.; mains, iron, 20 m., 4 to 10 in. dia.; 118 hyd.; 160 v.; met., 692; 754 serv.; pipe, lead; pres., dom. 120 lbs., f. 120 lbs.; cons. day, 233,512 gals.; cost, \$61,800; cost mtce., \$2,962; wks. owned by village.

SOUTH RIVER, p. 4,772; f. area, 650 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 3 c. hand ex., 1 comb. c. & h. wag., 2 h. & l. trk., 2 hrs.; hose, rub. gd., 550 ft.; inf., 100 ft.; tot. hose, 650 ft.; f. al., bell & wh., 18 bx.; val. equip., \$1,600; val. bldgs., \$2,400; exp. dept., \$155; tot. mem., 50 vol.

Water Supply—Src., riv., wells, cisterns.

SPRING LAKE, p. 858; f. area, 750 a. F. dept.—1 str., 1 auto. hose wag., 1 c. eng., 1 h. & l. trk., 1 hose wag., 2 hose reels, 1,200 ft. hose; val. equip., \$12,000; val. bldgs., \$5,000; tot. mem., 65 vol.

Water Supply—Src., lake & artesian wells; sys., pump; 3 pumps; wks. owned by city.

SUMMIT, p. 7,500; f. area, 1,280 a.; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., stn. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 auto. comb. c. hose wag. & pump, 1 auto. comb. hose wag., 1 h. & l. trk., 1 hose wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 500 ft.; tot. hose, 6,500 ft.; f. al., Gamewell, 30 bx., 12 auxiliary bx.; val. equip., \$22,000; val. bldgs., \$40,000; exp. dept., \$7,500; tot. mem., 110 vol.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to res. & stdp.; 2 stdp.; stdp. No. 1, cap. 240,000 gals., dim. 25 x 65, mat. stl.; stdp. No. 2, cap. 65,000 gals., dim. 12 x 75; 2 res.; res. No. 1, cap. 1,000,000 gals., loc. near stdp.; res. No. 2, cap. 250,000 gals.; 5 pump. eng., class trip. & comp., cap. day 6,000,000 gals.; mains, c. i., 87.87 m., 4 to 20 in. dia.; 416 hyd.; 1,000 v.; 2,900 met.; 3,200 serv.; pipe, lead & galv. i.; pres., dom. & f., 40 to 160 lbs.; wks. owned by Commonwealth W. & L. Co.

SUSSEX, p. 1,212; f. area, 640 a.; merc. bldgs., wd.; wd. rfs. perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., stn. wh.; exp. dept., \$125; tot. mem., 80 vol.

Water Supply—Src., lake, 7 m. bus. cent.; sys., grav. & pump to res.; res. cap., 2,500,000 gals.; mains, iron, 11 m., 4 to 8 in. dia.; 50 hyd.; 30 v.; met., 6; 360 serv.; pipe, galv. i.; pres., dom. 150 lbs., f. 190 lbs.; cons. day, 100,000 gals.; cost, \$60,000; cost mtce., \$750; wks. owned by city.

SWEDESBORO, p. 1,477; merc. bldgs., wd., 1

to 3 stor.; priv., wd., 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,250 ft.; inf., 500 ft.; tot. hose, 1,750 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 35 vol.

Water Supply—Src., wells; sys., pump to stdp.; pump. eng., cap. day 300,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 48 hyd.

TENAFLY, p. 2,756; f. area, 3,000 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$11,000; exp. dept., \$400; tot. mem., 32 vol.

Water Supply—Src., Hackensack Water Co.; mains, 6½ m.; 35 hyd.; 44 v.; pres., dom. 45 lbs., f. 80 lbs.; wks. owned by Co.

TOMS RIVER, p. 2,750; f. area, 640 a.; merc. bldgs., bk., wd. & conc., 2 to 4 stor.; priv., bk., stn. & wd., 2 to 4 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 h. & l. trk., 4 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; f. al., telp.; val. equip., \$3,800; val. bldgs., \$5,000; tot. mem., 30 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump d.r. to main; stdp. cap., 60,000 gals., dim. 25 x 20, mat. iron; 4 pump. eng., class trip., cap. day 750,000 gals.; mains, c. i., 5 m., 8 to 8 in. dia.; 42 hyd.; 23 v.; met., 3; 255 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 90 lbs.; cons. day, 40,000 gals.; cost, \$23,500; cost mtce., \$1,200; wks. owned by priv. Co.

TRENTON, p. 96,815; f. area, 9 m.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 to 4 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—3 auto. str. with hose, 6 str., (1 in reserve), 1 auto. c. eng., 33 c. hand ex., 2 chief's auto., 1 comb. aer. trk., 1 aer. trk., 1 auto. comb. aer. trk., 1 h. & l. trk. (in reserve), 1 water tower (in reserve), 1 supply wag., 8 fuel & exercise wag., 2 auto. comb. c. & hose wag., 4 comb. c. & h. wag. (1 in reserve), 27 hrs.; hose, cot., rub. lined, gd., 25,550 ft. (1,450 ft. in reserve); f. al., elec., 118 bx.; val. equip., \$79,625; val. bldgs., \$37,000; exp. dept., \$117,863.54; tot. mem., 117, pd. full time.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., pump to res.; res. cap., 120,000,000 gals.; 5 pump. eng., cap. day 47,000,000 gals.; mains, c. i., 150½ m., 3 to 36 in. dia.; 1,200 hyd.; 1,791 v.; 900 met.; 25,631 serv.; pipe, galv. i.; pres., dom. & f., 30 lbs.; cons. day, 21,084,000 gals.; cost, \$1,927,349; cost mtce., \$57,590; wks. owned by city.

TUCKERTON, p. 1,268; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose car., hook & ladder equip.; hose, rub. gd., 1,200 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,800; tot. mem., 100 vol.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 55,000 gals., dim. 20 x 23, loc. in cent. town, mat. i. & stl.; 1 pump. eng., class trip., size 6½ x 8, cap. day 250,000 gals.; mains, cem., 3½ m., 4 to 6 in. dia.; 16 hyd.; pres., dom. 38 lbs., f. 80 lbs.; wks. owned by Co.

UNION, p. 21,023; f. area, 480 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex. (6 in reserve), 1 str., 1 h. & l. trk., 1 aer. trk., 1 auto. aer. trk., 1 comb. c. & hose wag., 2 hose wag., 1 hose reel, 1 exercise wag., 9 hrs.; hose, cot., rub. lined, gd., 6,300 ft.; f. al., Gamewell, 20 bx.; val. equip., \$15,000; val. bldgs., \$40,000; exp. dept., \$1,600; tot. mem., 150 vol.

Water Supply—Src., Hackensack Water Co.; mains, 16 m.; 125 hyd.; 176 v.

VENTNOR CITY, p. 491; f. area, 800 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk., stn. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 10 c. hand ex., 1 h. & l. trk., 1 auto. f. eng.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., telp., 15 bx.; val. equip., \$40,000; val. bldgs., \$15,000; exp. dept., \$7,500; tot. mem., 140, pd. full time 6, 134 vol.

VINELAND, p. 5,282; f. area, 1,000 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1

h. & l. trk., 1 c. eng., 3 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., elec., 30 bx.; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$2,500; tot. mem., 31 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 180,000 gals.; mat., iron; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, c. i., 184 m., 4 to 10 in. dia.; 70 hyd.; 33 v.; met., 180; 1,600 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 550,000 gals.; cost, \$120,721; cost mtce., \$7,613; wks. owned by city.

WALLINGTON, p. 3,448; bldgs., wd. F. dept.—1 h. & l. trk., 2 hose car.; hose, 1,400 ft.; f. al., bell; tot. mem., 45.

Water Supply—Src., spr. & 2 wells; sys., grav.; stdp. cap., 172,000 gals.; 2 pumps, cap. 260 gals. min.; 52 hyd.

WASHINGTON, Warren Co., p. 3,567; bldgs., bk. & wd., 2 to 4 stor. F. dept.—1 str., 3 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; val. equip., \$9,000; val. bldgs., \$7,500; exp. dept., \$600; f. al., Gamewell; tot. mem., 40 vol.

Water Supply—Src., mountain str., 2% m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, iron, 4 to 10 in. dia.; 40 hyd.; met., 13; 460 serv.; pipe, iron; pres., dom. 80 lbs.; cost, \$50,000; wks. owned by Co.

WESTFIELD, p. 6,420; f. area, 5,000 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfa. perm. outside bus. section; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., Gamewell, 12 bx.; val. equip., \$7,000; val. bldgs., \$3,000; exp. dept., \$5,500; tot. mem., 50, pd. part time.

Water Supply—Src., supplied by Union Water Wks. Co., Elizabeth; sys., grav.; res. cap., 1,000,000 gals.; mains, 7 m., 4 to 10 in. dia.; 34 hyd.; 35 v.; met., 1; pipe, iron; pres., f. 75 lbs.; cost, \$40,000; wks. owned by Co.

WEST HOBOKEN, p. 35,403; f. area, 1,920 a.; merc. bldgs., stn., bk. & wd., 1 to 6 stor.; priv., wd. & bk., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 str., 8 c. hand ex., 1 comb. c. & h. wag. (1 h. & l. trk. in reserve), 1 aer. trk., 3 jumpers, 1 hose wag., 7 hrs.; hose, cot., rub. lined, gd., 5,650 ft.; f. al., Gamewell, 29 bx.; val. equip., \$30,000; val. bldgs., \$48,000; exp. dept., \$27,500; tot. mem., 25, pd. full time.

Water Supply—Src., Hackensack Riv.; sys., dir. pres.; mains, c. i., 25 m., 4 to 24 in. dia.; 210 hyd.; 407 v.; pres., 35 to 65 lbs.; wks. owned by Hackensack Water Co.

WEST NEW YORK, p. 13,560; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. hose trk., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 1,000 ft.; tot. hose, 2,600 ft.; f. al., wh. & gong.; val. equip., \$5,000; val. bldgs., \$4,000; exp. dept., \$500; tot. mem., 54 vol.

Water Supply—Src., Hackensack Riv.; sys., pump.

WEST ORANGE, p. 10,980; f. area, 1 sq. m.; merc. bldgs., stn., bk. & wd., $2\frac{1}{2}$ to 3 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 h. & l. trk., 1 hose wag., 1 c. eng., 2 comb. c. & h. wag., 6 hrs.; hose, cot., rub. lined, gd., 5,800 ft.; rub. gd., 300 ft.; tot. hose, 6,100 ft.; f. al., Gamewell, 47 bx.; val. equip., \$17,600; val. bldgs., \$40,000; exp. dept., \$16,000; tot. mem., 20, pd. full time 10, pd. part time 10.

Water Supply—Src., East Jersey Water Co., 10 m. bus. cent.; sys., pump dir. to stdp. & mains; stdp. cap., 246,000 gals.; mains, c. i., 31 m., 4 to 8 in. dia.; 260 hyd.; 246 v.; met., 1,670; 1,800 serv.; pipe, lead & galv. i.; pres., dom. 60 to 185 lbs.; cons. year, 300,000,000 gals.; wks. owned by Commonwealth Water & Light Co.

WESTWOOD, p. 1,870; merc. bldgs., wd., 2 stor.; priv., wd.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$2,000; tot. mem., 29 vol.

Water Supply—Src., Hackensack Riv.; sys., dir. pres.; mains, c. i., 9 m., 4 to 12 in. dia.; 54 hyd.; 142 v.; pres., 75 lbs.; wks. owned by Hackensack Water Co.

WHARTON, p. 2,983; f. area, 100 a.; merc. bldgs., wd., 2 to 3 stor.; priv., wd., 2 to 3 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. & l. trk., 6 c. hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,250 ft.; f. al., wh.; val. equip., \$3,400; val. bldgs., \$6,000; tot. mem., 70 vol.

Water Supply—Src., spr.; sys., grav.; cap. res., 50,000 gals.; wks. owned by priv. Co.

WILLIAMSTOWN, p. 2,000; f. area, 400 a. F. dept.—2 hose reels, 1 h. & l. trk.; f. al., bell; val. equip., \$1,000; val. bldgs., \$200; tot. mem., 31 vol.

Water Supply—Src., artesian wells, 1 m. bus. cent.; sys., d.r. pres.; 4 pump. eng., cap. day 4, 200,000 gals.; mains, 5 m.; 55 hyd.; 64 v.; pres., dom. 24 to 40 lbs., f. 70 to 150 lbs.; wks. owned by priv. Co.

WOODBINE, p. 2,899; f. area, 185 a. F. dept.—1 auto. str. & pump. eng., 1 auto. trk., 2 str., 1 c. eng., 1 hose cart; hose, cot., rub. lined, gd., 800 ft.; rub., 400 ft.; tot. hose, 1,200 ft.; val. equip., \$8,000; tot. mem., 30 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 55,000 gals.; res. cap., 100,000 gals.; 2 pumps, class trip., cap. day 300,000 gals.; 50 hyd.; 300 serv.; pres., dom. & f., 35 lbs.; cons. day, 120,000 gals.; mains, wd. & c. i., 5 m., 3 to 6 in. dia.; cost, \$25,000; wks. owned by Co.

WOODBRIIDGE, p. 1,043; bldgs., wd., 2 to 3 stor.; wd. rfa. perm.; fwks. ord.; causes of f. inv. F. dept.—4 hand c. ex., 1 hand h. & l. trk., 1 hose wag., 1 hose car.; hose, rub., gd., 2,600 ft.; fair, 300 ft.; tot. hose, 2,900 ft.; val. equip., \$3,500; tot. mem., 65.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 55,000 gals.; res. cap., 100,000 gals.; 2 pumps, class trip., cap. day 300,000 gals.; mains, wd. & c. i., 5 m., 3 to 6 in. dia.; 50 hyd.; 300 serv.; pres., dom. & f., 35 lbs.; cons. day, 120,000 gals.; wks. owned by Co.

WOODBURY, p. 4,642; f. area, 1,500 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd. & bk., $2\frac{1}{2}$ stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 comb. c. & h. wag., 4 c. hand ex., 1 h. & l. trk., 2 hose car., 6 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 26 bx.; val. equip., \$12,000; val. bldgs., \$12,000; exp. dept., \$8,500; tot. mem., 72 vol.

Water Supply—Src., creek, 5 m. bus. cent.; sys., pump to res.; 2 res. cap., 1,250,000 gals. & 1,500,000 gals.; 2 pump. eng.; cap. day, 3,350,000 gals.; mains, c. i., 20 m., 4 to 12 in. dia.; 132 hyd.; 111 v.; met., 2,138 serv.; pipe, wrt. i.; pres., dom. 40 lbs., f. 65 lbs.; cons. day, 733,000 gals.; cost, \$32,000; cost mtce., \$3,138; wks. owned by city.

WOODRIDGE, p. 1,043; f. area, 2,000 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfa. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$8,000; exp. dept., \$1,800; tot. mem., 30 vol.

Water Supply—Src., Hackensack Water Co.; sys., pump dir.; mains, $8\frac{1}{2}$ m.; 20 hyd.; 34 v.; met., 80; wks. owned by Co.

WOODTOWN, p. 1,613; f. area, 300 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 20 ft. high; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 ladder wag., 2 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., elec.; val. equip., \$1,000; val. bldgs., \$5,000; exp. dept., \$26; tot. mem., 34 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 87,000 gals., dim. 12 x 100, mat. sl.; res. cap., 65,000 gals.; pump. eng., cap. day 750,000 gals.; mains, iron, 6 m., 4 to 8 in. dia.; 63 hyd.; 30 v.; 260 serv.; pipe, galv. i.; pres., dom. 58 lbs., f. 120 lbs.; cost, \$36,000; cost mtce., \$1,000; wks. owned by town.

Places with a population of 1,000 or more having no organized fire dept.—Oxford, Penns Grove, Verona.

Places with a population of 1,000 or more not reported—Hawthorne, Highlands, Lakeview, Little Ferry, Lodi, Totowa, Vailsburg.

NEW MEXICO

ALAMOGORDO, p. 2,500; f. area, 600 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 auto. comb. c. & h. wag., 1 comb. c. & h. wag., 1 hose car., 1 h. & l. trk.; hose, cot., rub. lined, gd., 900 ft.; rub. gd., 100 ft.; tot. hose, 1,000 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$500; exp. dept., \$300; tot. mem., 24 vol.

Water Supply—Src., spr., 12 m. bus. cent.; sys., grav., res. cap., 1,000,000 gals.; mains, c. l., 35 m.; 36 hyd.; met., 575; 500 serv.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 400,000 gals.; cost, \$180,000; cost mtce., \$6,000; wks. owned by Co.

ALBUQUERQUE, p. 11,020; f. area, 600 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 trip. auto. eng., 2 comb. c. & h. wag., 1 h. & l. trk., 4 c. hand ex., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 4,200 ft.; f. al., elec. & wh., 42 bx.; val. equip., \$15,000; val. bldgs., \$2,500; exp. dept., \$13,000; tot. mem., 10, pd. full time.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res.; res. cap., 3,500,000 gals., loc. 210 ft. above plant; 4 pump. eng., cap. day 7,440,000 gals.; mains, kal., 30 m., 5 to 14 in. dia.; 218 hyd.; 111 v.; met., 1,500; 2,521 serv.; pipe, galv. l.; pres., dom. 80 lbs., f. 80 lbs.; cons. day, 3,000,000 gals.; cost, \$364,000; cost mtce., \$1,200; wks. owned by Co.

CARLSBAD, p. 1,736; f. area, 100 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$4,500; exp. dept., \$375; tot. mem., 42 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 105,000 gals.; res. cap., 250,000 gals.; 2 pump. eng., class vertical-centrif., cap. day, 238,000 gals.; mains, c. l., 8½ m., 2 to 12 in. dia.; 23 hyd.; 15 v.; 326 met., 375 serv.; pres., dom. 37 lbs., f. 120 lbs.; cost, \$51,500; cost mtce., \$4,000; wks. owned by Public Utilities Co.

CLAYTON, p. 970; bldgs., stn. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. ord. No org. f. dept.

Water Supply—Src., spr., sys., pump to tk.; cap., 75,000 gals.; pump. eng., cap. day 150,000 gals.; pipe, 3 m., 3 to 8 in. dia.; 200 hyd.; serv. pipe, iron; pres., 34 lbs.; cost, \$66,000; cost mtce., \$900; wks. owned by Clayton Municipal Light & Water Plant Co.

DEMING, p. 1,864; merc. bldgs., bk. & adobe, 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in bus. part of town; no fwks. ord. F. dept.—1 c. eng., 1 h. & l. trk., buckets; hose, 700 ft.; f. al., bell; val. equip., \$700; val. bldgs., \$250; tot. mem., 25 vol.

Water Supply—Src., underground riv., ¾ m. bus. cent.; sys., dir. & pump to stdp.; stdp. cap., 174,000 gals.; 2 pump. eng., cap. day, 2,380,000 gals.; mains, 5 in., 3 to 8 in. dia.; 75 v.; 250 met.; 500 serv.; 30 hyd.; pres., dom. 80 lbs., f. 55 lbs.; cons. day, 169,000 gals., cost \$50,000; wks. owned by Corp.

EAST LAS VEGAS, p. 3,179; f. area, 700 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell, wh. & elec.; val. equip., \$4,000; val. bldgs., \$2,500; exp. dept., \$2,000; tot. mem., 15 vol.; undrs. rating, third class.

Water Supply—Src., riv.; sys., grav.; res. cap., 20,000,000 gals.; mains, c. l., 15 m., 4 to 12 in. dia.; 61 hyd.; met., 1; pres., dom. 110 lbs., f. 60 to 100 lbs.; wks. owned by Co.

GALLUP, p. 2,204; f. area, 500 a.; merc. bldgs., bk. & stn., 2 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al.,

wh.; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$500; tot. mem., 25 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 50,000 gals.; res. cap., 162,000 gals.; pump. eng., cap. day, 100,000 gals.; mains, 2½ m., 6 in. dia.; 26 hyd.; 250 serv.; 150 met.; pres., dom., 70 lbs., f. 70 lbs.; cost, \$16,000; cost mtce., \$1,600; wks. owned by city.

LAS CRUCES, p. 3,886; f. area, 1 sq. m. F. dept.—1 c. eng., c. hand ex., 1 hose reel; 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$2,000; tot. mem., 24 vol.

Water Supply—Src., wells; 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 80,000 gals.; dim., 26 x 24; mat., stl.; res. cap., 90,000 gals.; 2 pump. eng., cap. day, 432,000 gals.; mains, c. l.; 8 m.; 4 to 8 in. dia.; 52 hyd.; 25 v.; 50 met.; pipe, c. l.; pres., dom. 40 lbs.; f. 60 lbs.; cons. day, 100,000 gals.; cost, \$45,000; cost mtce., \$3,600; wks. owned by city.

LAS VEGAS, p. 3,755. F. dept.—2 comb. c. & hose wag., 1 hose wag., 2 c. ex.; 4 hrs.; hose, 2,550 ft.; tot. mem., 50 vol.

Water Supply—Src., Gallinas River; res. cap., 68,000,000 gals.; mains, c. l., 21 m., 2 to 12 in. dia.; 64 hyd.; cons. day, 1,000,000 gals.

MAGDALENA, p. 800; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd. & adobe, 1 & 2 stor.; wd. rfs. perm.; no fwks. ord.; f. inv. F. dept.—15 c. hand ex., a few hand grenades; hose, 300 ft.; f. al., wh.

Water Supply—Src., well, 1¼ m. south of town; sys., grav. & pump to stdp.; stdp. cap., 50,000 gals.; mat., galv. l.; res. cap., 50,000 gals.; 1 pump. eng.; mains, 2 m., 3 to 5 in. dia.; 5 hyd.; wks. owned by priv. Co.

MAXWELL, p. 150; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; tin rfs. perm.; no fwks. ord.; causes of f. inv. No f. dept.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 53,000 gals.; mains, wrt. l., 1 m., 1½ to 3 in. dia.; 1 hyd.; 9 v.; 65 serv.; pres., dom. & f., 10 to 30 lbs.; cons. day, 30,000 gals.; cost, \$14,000; cost mtce., \$500; wks. owned by Co.

RATON, p. 4,539; f. area, 680 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., bk. & wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 4 c. hand ex., 2 hose car.; 1 hose wag.; 2 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., tel. & wh.; val. equip., \$7,000; val. bldgs., \$12,000; exp. dept., \$2,500; tot. mem., 22, 2 pd. mem., 20 part pd. mem.

Water Supply—Src., mountain strm., 8 m. bus. cent.; sys., grav.; res. cap., 144,000,000 gals.; mains, c. l. & wd., 20 to 25 m., 12 in. dia.; 46 hyd.; 76 v.; met., 264; 925 serv.; pipe, galv. l.; pres., dom. 100 lbs., f. 125 lbs.; cons. day, 1,000,000 gals.; cost, \$300,000; cost mtce., \$10,500; wks. owned by Co.

ROSWELL, p. 6,172; f. area, 2,000 a.; bldgs., stn., bk. & cem.; wd. rfs. not perm. F. dept.—1 str., 1 h. & l. trk., 1 comb. c. & h. wag., 1 hose car., 1 chief's buggy, 7 hrs.; hose, cot., rub. lined, gd., 3,400 ft.; f. al., bell & wh.; tot. mem., 9, 6 pd. mem., 3 part pd. mem.; undrs. rating, third class.

Water Supply—No waterwks. sys.

SANTA FE, p. 5,072; f. area, 160 a.; merc. bldgs., wd., adobe & bk., 1 & 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,750 ft.; f. al., bell & tel., 20 bx.; val. equip., \$3,300; val. bldgs., \$700; exp. dept., \$500; tot. mem., 40 vol.

Water Supply—Src., strm., 3 m. bus. cent.; sys., grav.; res. cap., 450,000,000 gals.; mains, c. l. & wrt. l., 24 m., 4 to 16 in. dia.; 44 hyd.; 14 v.; met., 30; 600 serv.; pipe, kalamein; pres., dom. 80 lbs., f. 80 lbs.; cons. day, 2,000,000 gals.; cost, \$500,000; cost mtce., \$6,000; wks. owned by Co.

SILVER CITY, p. 3,217; f. area, 640 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt.

ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 c. eng., 12 c. hand ex., 3 hose cart.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., elec.; tot. mem., 32 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav. & pump to res.; res. cap., 250,000 gals.; pump. eng., class dup. & comp., cap. day 1,000,000 gals.; mains, kal., 7 m., 2 to 12 in. dia.; 26 hyd.; 14 v.; met., 60; serv., 300; pres., dom. 70 lbs., f. 150 lbs.; cons. day, 115,000 gals.; cost, \$95,000; cost mtce., \$4,000; wks. owned by Co.

SOCORRO, p. 1,560; f. area, 250 a.; merc. bldgs., bk., wd. & adobe, 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 c. eng., 1 hose cart.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$2,500; exp. dept., \$200; tot. mem., 25 vol.

Water Supply—Src. spr.; sys., grav.; res. cap., 500,000 gals.; mains, 8 m., 2 to 10 in. dia.; 26 hyd.; 14 v.; pres., f. 40 lbs.; cost, \$40,000; cost mtce., \$1,200; wks. owned by city.

SPRINGER, p. 550; f. area, 100 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., adobe, 1 stor.;

wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$300; exp. dept., \$50; tot. mem., 15 vol.

Water Supply—Src., ditch & res., ¼ m. bus. cent.; sys., pump dir.; pump. eng.; mains, c. l. 1¼ m., 4 to 6 in. dia.; 7 hyd.; cost, \$10,000; wks. owned by Co.

TUSCUMEAIRE, p. 4,000. F. dept.—1 hose cart.; hose, 600 ft.; f. al., firearms; tot. mem., 32 vol.

Water Supply—Src., wells; 4 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 27 x 22; mat., stl.; res. cap., 100,000 gals.; 6 pump. eng., cap. day, 1,000,000 gals.; mains, 10 m., 8 to 10 in. dia.; 49 hyd.; 275 met.; 500 serv.; pres., dom. 45 lbs., f. 70 lbs.; cons. day, 100,000 gals.; cost, \$78,000; cost mtce., \$10,000; wks. owned by city.

Places with a population of 1,000 or more having no organized fire dept.—Lincoln, Pinos Altos, Tacos.

Places with a population of 1,000 or more not reported—Mora.

NEW YORK

ADAMS, p. 1,458; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 3,000 ft.; rub. gd., 400 ft.; int., 400 ft.; tot. hose, 2,800 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$8,000; exp. dept., \$200; tot. mem., 85 vol.

Water Supply—Src. spr., ½ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 115,000 gals.; dim. 50 x 20 dia.; loc. on hill in village; mat., stl.; res. cap., 225,000 gals.; loc. at spr.; 2 pump. eng., cap. day, 2,000,000 gals.; mains, c. l. 4½ m., 4 to 8 in. dia.; 33 hyd.; met., 330; 330 serv.; pres., dom. 60 lbs., f. 150 lbs.; cons. day, 100,000 gals.; cost, \$50,000; cost mtce., \$2,000; wks. owned by village.

ADDISON, p. 2,004; f. area, 300 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., hose cart.; hose, cot., rub. lined, gd., 1,800 ft.; int., 200 ft.; tot. hose, 2,000 ft.; f. al., bell, telp. & Gamewell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$150; tot. mem., 100 vol.

Water Supply—Src., wells & str., 1 m. bus. cent.; sys., grav. & pump to res. dir.; res. cap., 1,500,000 gals.; pump. eng., cap. day 750,000 gals.; mains, 9½ m., 4 to 16 in. dia.; 64 hyd.; met., 2; 250 serv.; pres., dom. 85 lbs., f. 85 lbs.; cons. day, 500,000 gals.; cost, \$50,000; cost mtce., \$1,000; wks. owned by Co.

AKRON, p. 1,677; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 125 vol.

Water Supply—Src. spr., 1,000 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim. 15 x 75; res. cap., 50,000 gals.; 2 pump. eng., cap. day 500,000 gals.; mains, c. l. 6 m., 4 to 10 in. dia.; 54 hyd.; 425 serv.; pipe, galv. l.; pres., dom. 90 to 100 lbs., f. 120 lbs.; cons. day, 200,000 gals.; cost, \$80,000; cost mtce., \$700; wks. owned by city.

ALBANY, p. 100,253; f. area, 9,600 a.; merc. bldgs., bk. & wd., 3 to 10 stor.; priv., bk. & wd., 2 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 h. & 1 trk., 10 comb. c. & h. wag., 60 c. hand ex., 4 aer. trk., 1 in reserve, 2 hose wag., 1 chief's auto., 3 chief's wag., 1 in reserve, 1 fuel wag., 13 supply & exercise wag., 67 hrs., 8 in reserve; hose, cot., rub. lined, gd., 27,200 ft.; f. al., bell, 236 bx.; val. equip., \$295,993; val. bldgs., \$185,600; exp. dept., \$191,757; tot. mem., 196, pd. full time 165, pd. part time 31.

Water Supply—Src. riv., 1¼ m. bus. cent.; sys., grav. & pump to res.; res. cap., 239,379,864

gals., loc. 6 m. city; 7 pump. eng., class trip. ex. & comp. vertical, cap. day 70,000,000 gals.; mains, c. l., 188.9 m., 3 to 42 in. dia.; 1,103 hyd.; 1,553 v.; met., 4,738; 17,552 serv.; pipe, lead; pres., dom. 65 lbs., f. 65 lbs.; cons. day, 20,514,000 gals.; cost, \$2,738,400; cost mtce., \$391,676; wks. owned by city.

ALBION, p. 5,016; f. area, 7,200 a.; merc. bldgs., stn. & bk., 2 to 4 stor.; priv., wd. & com. 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 auto. comb. c. & h. wag., 1 comb. c. & h. wag., 1 str., 1 chief's auto., 6 c. hand ex., 1 h. & 1 trk., 2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 4,100 ft.; int., 400 ft.; tot. hose, 4,500 ft.; f. al., bell, wh. & telp.; val. equip., \$12,550; val. bldgs., \$15,000; exp. dept., \$4,000; tot. mem., 226, pd. full time 2, pd. part time 3, vol. 220; undw. rating, second class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump. to stdp.; stdp. cap., 250,000 gals.; dim. 25 x 75, loc. south part of town; mat., stl.; 4 pump. eng., cap. day 750,000 gals.; mains, kas., 10 m., 6 to 10 in. dia.; 100 hyd.; 40 v.; met., 400; 850 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 250,000 gals.; cost, \$140,000; cost mtce., \$1,400; wks. owned by Co.

ALDEN, p. 828. F. dept.—1 h. & 1 trk., 2 hose carts, 1,000 ft. hose; f. al., bell; tot. mem., 70 vol.

Water Supply—Src. spr., 1 m. bus. cent.; sys., grav.; stdp. cap., 84,323 gals., dim. 12 x 100; 2 pump. eng., cap. day 550,000 gals.; mains, c. l. 6 m., 4 to 12 in. dia.; 48 hyd.; 39 v.; met., 207; 207 serv.; pipe, c. l.; pres., dom. 30 to 45 lbs., f. 85 lbs.; cons. day, 42,000 gals.; cost, \$19,000; cost mtce., \$450; wks. owned by city.

ALEXANDRIA BAY, p. 1,899; f. area, 1 sq. m.; merc. bldgs., stn., bk. & wd., 1½ to 4 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 h. & 1 trk., 4 hose wag.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bells; val. equip., \$9,500; val. bldgs., \$2,500; exp. dept., \$150; tot. mem., 100 vol.

Water Supply—Src. St. Lawrence riv.; sys., pump to stdp. & dir.; stdp. cap., 188,000 gals.; 4 trip. pumps; pres., dom. 45 lbs., f. 115 lbs.; mains, 3¼ m., 4 to 10 in. dia.; 60 hyd.

ALFRED, p. 1,590. F. dept.—1 h. & 1 trk., 2 hose carts, 1 c. eng., 1 hand eng., 6 hand ex., 1,300 ft. hose; f. al., bell; tot. mem., 72 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; res. cap., 158,000 gals.; 2 pump. eng., cap. day, 50,000 gals.; mains, c. l., 5 m., 3 to 5 in. dia.; 30 hyd.; 150 met.; 160 serv.; pipe, galv. l.; pres., dom. & f. 100 lbs.; cons. day, 60,000 gals.; cost, \$14,000; cost mtce., \$464; wks. owned by village.

ALLEGANY, p. 1,286; f. area, 200 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 1 & 1 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes

of f. inv. F. dept.—1 h. & l. trk., 2 hose carts, 1,500 ft. rub. hose; f. al., bell; val. equip., \$2,000; val. bldgs., \$3,000; tot. mem., 85 vol.

Water Supply—Src., wells; aya., pump to stdp.; stdp. cap., 240,000 gals.; pres., 100 lbs.

ALTAMONT, p. 674; bldgs., wd. F. dept.—1 h. & l. trk., 4 hose cart.; hose, 2,100 ft.; tot. mem., 99 vol.

Water Supply—Src., res., cap. 75,000,000 gals.; aya., grav.; mains, 7½ m., 3 to 5 in. dia.; 27 hyd.; wks. owned by city.

ALTON, p. 800. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 4 hose car., 5 hand ex., 2,800 ft. hose; f. al., bell; vol.

Water Supply—Not reported.

ANEMIA, p. 650; mere. bldgs., wd., 1 to 3 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts & 1 reel; hose, cot., rub. lined, gd., 1,100 ft.; inf., 600 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,500; exp. dept., \$250; tot. mem., 45 vol.

Water Supply—Src., mountain str., 1 m. bus. cent.; aya., grav., pump to res. & stdp.; stdp. cap., 100,000 gals.; res. cap., 400,000 gals.; pump. eng., class trip., cap. min. 210 gals.; mains, c. & wrt. l., 1½ m., 6 in. dia.; 14 hyd.; 4 v.; 80 serv.; pipe, galv. l.; pres., dom. 65 lbs., f. 65 lbs.; cons. day, 30,000 gals.; cost, \$16,000; cost mtce., \$200; wks. owned by Co.

AMITYVILLE, p. 2,517; f. area, 5 m.; mere. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. ris. perm.; causes of f. inv. F. dept.—1 auto. hose wag., 1 h. & l. trk., 3 hose cart.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell, wh. & telp.; val. equip., \$8,600; val. bldgs., \$6,000; tot. mem., 120 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; aya., grav. & pump. dir.; stdp. cap., 300,000 gals., dia. 20 x 125; mat., iron; 2 pump. eng., class trip., cap. day, 1,000,000 gals.; mains, c. l., 11 m., 4 to 10 in. dia.; 84 hyd.; 80 v.; 408 serv.; pipe, wrt. l.; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 150,000 gals.; cost, \$75,000; cost mtce., \$200; wks. owned by Co.

AMSTERDAM, p. 31,267; f. area, 2,500 a.; mere. bldgs., bk., 3 & 4 stor.; priv., wd., 2 stor.; wd. bldgs. not perm. in f. area; causes of f. inv. F. dept.—1 str., 4 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 1 h. & l. trk., 12 c. hand ex., 4 hose carts, 10 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; Gamewell f. al., bell, 56 bx.; val. equip., \$29,800; val. bldgs., \$46,000; exp. dept., \$31,000; tot. mem., 28.

Water Supply—Src., creek, 21 m. bus. cent.; aya., grav.; res. cap., 1,500,000,000 gals.; mains, c. l., 40 m.; 300 met.; 545 hyd.; 640 v.; 4,250 serv.; pipe, iron; pres., dom. 90 lbs., f. 120 lbs.; cons. day, 8,000,000 gals.; cost, \$969,288; cost mtce., \$11,923; wks. owned by city.

ANDOVER, p. 1,136; bldgs., wd., bk. & stn., 3 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm.; no fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; inf., 1,000 ft.; tot. hose, 2,000 ft.; val. equip., \$1,000; f. al., bell; tot. mem., 50 vol.

Water Supply—Src., spr., 1 m. bus. cent.; aya., grav.; res. cap., 800,000 gals.; mains, c. l., 6 m.; 50 hyd.; pres., dom. 85 lbs., f. 85 lbs.; cost, \$25,000; cost mtce., \$100; wks. owned by city.

ANGELICA, p. 1,056; f. area, 426 a.; bldgs., stn., bk. & wd., 1 to 2 stor.; wd. ris. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, rub. gd., 1,500 ft.; f. al., bell & wh.; tot. mem., 35 vol.; undra. rating, fourth class.

Water Supply—Src., spr., 5 m. bus. cent.; aya., grav. & pump to stdp.; res. cap., 1,000,000 gals.; pump. eng., cap. day 300,000 gals.; mains, c. l., 9 m., 4 to 8 in. dia.; 40 hyd.; 35 v.; met., 75; 250 serv.; pipe, galv. l.; pres., dom. & f., 60 lbs.; cons. day, 50,000 gals.; cost, \$58,000; cost mtce., \$600; wks. owned by city.

ANGOLA, p. 998; f. area, 640 a.; mere. bldgs., wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 1 c. eng., 2 c. hand ex., 2 hand eng., 2 hose reels; hose,

rub. lined, gd., 1,300 ft.; inf., 200 ft.; tot. hose, 1,500 ft.; f. al., wh. & telp., 2 bx.; val. equip., \$2,200; val. bldgs., \$3,000; tot. mem., 60 vol.

Water Supply—Src., Lake Erie, 3 m. bus. cent.; aya., pump to stdp.; stdp. cap., 236,000 gals.; 2 pump. eng., cap. day 200,000 gals.; mains, iron, 6 m., 4 to 10 in. dia.; 50 hyd.; 40 v.; 325 met.; 325 serv.; pres., dom. 65 lbs.; f. 100 lbs.; cons. day, 200,000 gals.; cost, \$53,000; cost mtce., \$2,000; wks. owned by city.

ANTWERP, p. 974; f. area, 300 a.; mere. bldgs., bk., 3 stor.; priv., wd., 3¼ stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 2 hose cart.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 250 ft.; tot. hose, 1,250 ft.; f. al., bell; tot. mem., 38 vol.

Water Supply—Src., riv., in bus. cent.; aya., pump to stdp. & dir.; stdp. cap., 117,000 gals.; pump. eng., cap. day 864,000 gals.; mains, iron, 3¼ m., 4 to 8 in. dia.; 45 hyd.; 100 met.; 266 serv.; pres., dom. 60 lbs., f. 145 lbs.; cost, \$18,500; wks. owned by city.

ARCADE, p. 2,181. F. dept.—1 h. & l. trk., 1 hose cart., 1 jumper, 1 c. eng., 1,400 ft. hose; f. al., bell; tot. mem., 72 vol.

Water Supply—Src., spring, 4 m. bus. cent.; aya., grav.; mains, c. l., 6 m., 3 to 6 in. dia.; 34 hyd.; pres., dom. & f. 85 lbs.; cost, \$40,000; cost mtce., \$75; wks. owned by city.

ATHENS, p. 1,956; bldgs., bk. & wd., 2 & 3 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 1 gas eng., 2 c. hand ex., 1 h. & l. trk., 2 hose cart.; hose, cot., rub. lined, gd., 1,150 ft.; rub. gd., 700 ft.; tot. hose, 1,850 ft.; f. al., bell; val. bldgs., \$7,000; tot. mem., 150 vol.

Water Supply—Src., spr., riv., wells.

ATTICA, p. 1,869; f. area, 460 a.; mere. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; other kind, gd., 500 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$3,000; exp. dept., \$300; tot. mem., 125 vol.

Water Supply—Src., spr., 6 m. bus. cent.; aya., grav.; res. cap., 14,000,000 gals.; mains, c. l., 7½ m., 4 to 10 in. dia.; 40 hyd.; 31 v.; met., 1; 320 serv.; pipe, wrt. l.; pres., dom. 30 lbs., f. 85 lbs.; cons. day, 200,000 gals.; cost, \$90,000; cost mtce., \$8,000; wks. owned by Co.

AUBURN, p. 34,668; f. area, 9 sq. m.; mere. bldgs., bk. & stn., 2 to 3 stor.; priv., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 10 c. hand ex., 1 ser. trk., 1 city serv. trk., 2 hose wag., 3 comb. c. & h. wag., 2 comb. c. & h. wag. trk., 15 hrs.; hose, cot., rub. lined, gd., 8,750 ft.; inf., 500 ft.; tot. hose, 9,250 ft.; f. al., Gamewell, 67 bx.; val. equip., \$60,250; val. bldgs., \$61,500; exp. dept., \$51,178; tot. mem., 57, pd. full time 47, pd. part time 10.

Water Supply—Src., lake, 2 m. bus. cent.; aya., pump dir.; 4 pump. eng., cap. day 40,000,000 gals.; mains, c. l., 65 m., 4 to 24 in. dia.; 627 hyd.; 555 v.; met., 400; 6,000 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 115 lbs.; cons. day, 6,000,000 gals.; cost, \$600,000; cost mtce., \$30,000; wks. owned by city.

AUSABLE FORKS.—F. dept. not reported.

Water Supply—Src., brook & res., ¼ m. bus. cent.; mains, c. l., 3 m., 6 to 4 in. dia.; pipe, iron; pres., 60 lbs.

AVOCA, p. 1,057; f. area, 100 a.; mere. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. perm. in f. area. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; inf., 460 ft.; tot. hose, 1,460 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,500; tot. mem., 30 vol.

Water Supply—Src., spr. & str., 1 m. bus. cent.; aya., grav.; res. cap., 500,000 gals.; mains, c. l., 7 m., 6 to 8 in. dia.; 40 hyd.; 8 v.; 200 serv.; pipe, wrt. l.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$22,000; cost mtce., \$50; wks. owned by corp.

AVON, p. 2,053; f. area, 1,400 a.; mere. bldgs., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 2 c. hand ex., 3 hose

carts, 4 hrs.; hose, cot., rub. lined, gd., 2,640 ft.; rub., gd., 150 ft.; inf., 700 ft.; tot. hose, 3,940 ft.; f. al., bell, wh. & elec., 4 bx.; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$600; tot. mem., 190 vol.

Water Supply—Src., lake, 9 m. bus. cent.; sys., grav.; res. cap., 600,000 gals.; loc. 2 m. village; mains, iron & wd., 40 m., 4 to 12 in. dia.; 47 hyd.; 35 v.; met., 480; 480 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 75 lbs.; cost, \$101,000; cost mtce., \$2,000; wks. owned by city.

BABYLON, p. 2,600; f. area, 4½ a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hand eng., 2 c. hand ex., 2 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf., 1,000 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$3,000; exp. dept., \$600; tot. mem., 130 vol.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; pump. eng., cap. day, 1,500,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 53 hyd.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$75,000; cost mtce., \$2,500; wks. owned by Sumpawans W. W. Co.

BAINBRIDGE, p. 1,159; f. area, 10 a.; merc. bldgs., bk. & wd., 1½ to 3 stor.; priv., bk., 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk. with 4 ex., 8 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; exp. dept., \$400; tot. mem., 60 vol.

Water Supply—Src., creek & spr., 2½ m. bus. cent.; sys., grav. & pump to res.; res. cap., 120,000 gals.; mains, c. i., 8 m., 6 to 8 in. dia.; 28 hyd.; pres., dom. 40 lbs., f. 80 lbs.; cost, \$39,000; cost mtce., \$200; wks. owned by city.

BALDWIN, p. 1,200; f. area, 4,000 a.; merc. bldgs., bk. & wd., 2½ stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh. & telp.; val. equip., \$5,000; val. bldgs., \$5,500; exp. dept., \$1,000; tot. mem., 150 vol.

Water Supply—Hand pump.

BALDWINVILLE, Onondaga Co., p. 3,399; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. not perm. F. dept.—1 str., 1 h. & 1 trk., 1 hose wag., 5 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; linen, gd., 500 ft.; rub., gd., 300 ft.; tot. hose, 2,300 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$1,500; exp. dept., \$550; tot. mem., 11, pd. part time.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 117,000 gals.; dim. 20 x 50; mat., stl.; 4 pump. eng., cap. day, 1,584,000 gals.; mains, c. i., 11 m., 4 to 12 in. dia.; 81 hyd.; 30 v.; met., 100; 792 serv.; pipe, galv. i.; pres., dom. 36 lbs., f. 86 lbs.; cost, \$60,000; cost mtce., \$5,050; wks. owned by city.

BALLSTON SPA, p. 4,138; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 hose wag., 1 h. & 1 trk., 4 hose car.; hose, rub. lined, gd., 2,800 ft.; f. al., bell & wh.; val. equip., \$5,200; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 100 vol.

Water Supply—Src., spr., sys., grav.; res. cap., 150,000 gals.; mains, 15 m., 8 to 12 in. dia.; 140 hyd.; 30 v.; 1 met.; pres., f. 80 to 120 lbs.; cost, \$150,000; cost mtce., \$500; wks. owned by village.

BATAVIA, p. 11,618; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—6 c. hand ex., 6 hose carts; hose, cot., rub. lined, gd., 5,800 ft.; inf., 300 ft.; tot. hose, 6,100 ft.; f. al., Gaynor, 29 bx.; val. equip., \$150,000; tot. mem., 160 vol.; undra. rating, second class.

Water Supply—Src., creek, in bus. cent.; sys., pump dir.; 2 pump. eng., cap. day, 4,000,000 gals.; mains, wd. & iron, 16 m., 4 to 12 in. dia.; 130 hyd.; 60 v.; met., 45; 400 serv.; pipe, iron; cona. day, 1,597,012 gals.; cost, \$133,444.22; cost mtce., \$5,000; wks. owned by city.

BATH, p. 3,884; f. area, 320 a.; merc. bldgs., bk., wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 h. & 1 trk., 4 hose car.; hose, gd., 2,500 ft.; f. al., bell; val. equip., \$4,000;

val. bldgs., \$4,700; exp. dept., \$776.97; tot. mem., 120 vol.

Water Supply—Src., well, 1¼ m. bus. cent.; sys., pump to res.; res. cap., 300,000 gals.; 2 pump. eng., cap. day, 1,700,000 gals.; mains, 8½ m., 4 to 10 in. dia.; 90 hyd.; 30 v.; met., 400; 676 serv.; pres., dom. 80 lbs., f. 90 to 100 lbs.; cona. day, 200,000 gals.; cost, \$100,000; wks. owned by priv. Co.

BAYPORT, p. 750. F. dept.—1 h. & 1 trk., 3 hose carts, 1,400 ft. hose; f. al., bell; tot. mem., 50 vol.

Water Supply—Not reported.

BAY SHORE, p. 3,500; f. area, 1,600 a.; bldgs., wd., 1 to 3 stor.; wd. rfs. perm. F. dept.—4 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 4,000 ft.; rub., gd., 300 ft.; tot. hose, 4,800 ft.; f. al., bells & wh.; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$700; tot. mem., 90 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 352,000 gals.; 2 pump. eng., cap. day, 2,000,000 gals.; mains, 26 m., 4 to 10 in. dia.; 228 hyd.; 130 v.; pres., f. 65 lbs.; cost, \$390,000; wks. owned by Co.

BAY SIDE, p. 3,800; f. area, 5 sq. m.; merc. bldgs., bk., stn. & wd., 2 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 4 c. hand ex., 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., telp. & bell, 12 bx.; val. equip., \$1,500; val. bldgs., \$2,500; tot. mem., 72 vol.

BELFAST, p. 2,000. F. dept.—1 hand eng., 1 hose cart, 800 ft. hose.

Water Supply—Not reported.

BELMONT, p. 1,094; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 2 hose carts; hose, cot., rub. lined, gd., 2,100 ft.; inf., 500 ft.; tot. hose, 2,600 ft.; f. al., telp. & wh.; val. equip., \$1,200; val. bldgs., \$2,200; exp. dept., \$100; tot. mem., 60 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, 9 m., 4 to 10 in. dia.; 50 hyd.; 100 serv.; pres., f. 75 lbs.; cost, \$82,000; wks. owned by village.

BERGEN, p. 1,631. F. dept.—2 hand c. eng., 1 hose cart, 1 hose wag., 1 hand eng., 1,000 ft. hose; f. al., bell; tot. mem., 50 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., grav.; stdp. cap., 63,450 gals.; dim. 12 x 75; mat., stl.; 2 pump. eng., cap. day, 720,000 gals.; mains, c. i., 3½ m., 4 to 8 in. dia.; 29 hyd.; 13 v.; 1 met.; 100 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 80 lbs.; cona. day, 25,000 gals.; cost, \$22,000; cost mtce., \$2,655; wks. owned by village.

BERLIN, p. 700; f. area, ¼ sq. m.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, ladders, etc.; hose, cot., rub. lined, gd., 950 ft.; inf., 50 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$800; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., pond, 1 m. bus. cent.; sys., grav.; 18 hyd.; pres., f. 98 lbs.; wks. owned by priv. Co.

BINGHAMTON, p. 48,443; f. area, 9½ sq. m.; merc. bldgs., stn., cem. & bk., 3 to 12 stor.; priv., cem., bk. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—3 str., 14 hand ex., 2 comb. c. & h. wag., 3 auto. comb. c. & h. wag., 1 aer. trk., 1 hose wag., 1 city serv. trk., 18 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; fair, 4,000 ft.; tot. hose, 12,000 ft.; f. al., bell, 113 bx.; exp. dept., \$65,587; tot. mem., 54, pd. full time 51, pd. part time 3.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; 3 pump. eng., cap. day, 36,000,000 gals.; mains, c. i., 93 m., 4 to 30 in. dia.; 855 hyd.; 1,432 v.; 3,681 met.; 10,417 serv.; pipe, galv. i.; pres., 65 to 75 lbs.; cona. day, 7,000,000 gals.; cost, \$1,041,000; cost mtce., \$55,000; wks. owned by city.

BLACK RIVER, p. 916; f. area, 175 a.; merc. bldgs., bk. & wd.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose wag., hose, cot., rub. lined, gd., 1,200 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., telp. & elec., 5 bx.; val. equip., \$800; val. bldgs., \$500; tot. mem., 30 vol.

Water Supply—Src., spr.; sys., pump dir.; 5 pump. eng., cap. day 2,160,000 gals.; mains, iron, 4 m., 4 to 10 in. dia.; 28 hyd.; pres., f. 180 to 300 lbs.; cost, \$27,800; cost mtce., \$100; wks. owned by village.

BOLIVAR, p. 1,318; f. area, 150 a.; bldgs., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—4 hose car.; hose, cot., rub. lined, gd., 1,750 ft.; inf., 500 ft.; tot. hose, 2,250 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$2,500; exp. dept., \$200; tot. mem., 100 vol.

Water Supply—Src., spr. & artesian wells; sys., grav.; res. cap., 254,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 38 hyd.; pres., f., 85 lbs.; cons. day, 10,000 gals.; cost, \$18,000; cost mtce., \$1,500; wks. owned by Co.

BOONVILLE, p. 1,794; merc. bldgs., bk. & wd., 1½ to 3½ stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 c. eng., 1 hand eng., 2 c. hand ex., 2 h. & l. trk., 2 hose carts, 1 sleigh; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; exp. dept., \$200; tot. mem., 100 vol.

Water Supply—Src., brook; sys., grav.; res. cap., 7,000,000 gals.; mains, 8 m., 4 to 12 in. dia.; 57 hyd.; 8 v.; met., 200; 479 serv.; pres., dom. & f. 45 to 100 lbs.; cons. day, 200,000 gals.; cost, \$58,000; wks. owned by city.

BREWSTER, p. 1,296; f. area, ¼ sq. m.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,800 ft.; inf., 150 ft.; tot. hose, 1,950 ft.; f. al., bell & wh.; val. equip., \$6,000; val. bldgs., \$1,500; exp. dept., \$450; tot. mem., 80 vol.; undrs. rating, first class.

Water Supply—Src., spr.; sys., grav.; res. cap., 315,000 gals., loc. 200 ft. above village; 2 pumps, cap. 14,500 gals. hour; 54 hyd.; mains, 4 m., 6 to 8 in. dia.; wks. owned by village.

BROADALBIN, p. 1,000; f. area, 500 a. F. dept.—2 c. eng., 4 c. hand ex.; val. equip., \$1,000; val. bldgs., \$900; exp. dept., \$250; tot. mem., 33 vol.

Water Supply—Not reported.

BROCKPORT, p. 3,579; f. area, 100 a.; merc. bldgs., bk.; priv., wd.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 1 hand eng., 1 c. eng., 1 h. & l. trk., 1 comb. c. & h. wag., 6 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., bell & wh.; tot. mem., 500, pd. full time 5, vol. 495.

Water Supply—Src., Lake Ontario, 10 m. bus. cent.; sys., pump to stdp.; stdp. cap., 250,000 gals., dim. 24 x 75, mat. iron; res. cap., 1,500,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 17 m., to 14 in. dia.; 86 hyd.; met., 775; 1,137 serv.; pipe, c. l.; pres., dom. & f., 80 lbs.; cons. day, 400,000 gals.; cost, \$287,000; wks. owned by town.

BROCKTON, p. 1,181; f. area, 2 sq. m.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—24 c. hand ex., 2 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., elec., 11 bx.; tot. mem., 48 vol.

Water Supply—Src., spr.; sys., grav.; cap. res., 13,000,000 gals.; 56 hyd.; 3 met.; pipe, 9 m., 4, 6 & 12 in. dia.; pres., 100 lbs.; cost, \$32,000; cost mtce., \$300.

BROOKFIELD, p. 350; f. area, 60 a.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 2 hrs.; f. al., elec.; val. equip., \$1,000; val. bldgs., \$300; exp. dept., \$200; tot. mem., 30 vol.

Water Supply—Src. cisterns.

BROOKLYN (Greater New York), p. 1,696,990; f. area, 50,000 a.; merc. bldgs., iron, stn. & bk., 3 to 16 stor.; priv., bk. & wd., av. 8 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—104 str., 5 c. eng., 1 gas eng., 1 arch. eng., 19 comb. c. & h. wag., 316 c. hand ex., 63 h. & l. trk., 28 aer. trk., 2 water towers, 2 f. boats, 109 hose wag., 598 hrs.; hose, cot., rub. lined, gd., 78,000 ft.; rub. gd., 100,000 ft.; inf., 68,000 ft.; tot. hose,

246,000 ft.; f. al., Gamewell, 1,621 bx.; tot. mem., 2,053, pd. full time.

Water Supply—Src., strim. & driven wells, 5 to 27 m. bus. cent.; sys., pump to res., stdp. & dir.; stdp. cap., 111,500 gals., dim. 16 x 75, mat. stl. & stn.; res. cap., 340,000,000 gals., loc. at Mt. Prospect & Ridgewood; 86 pump. eng., cap. day 300,000,000 gals.; mains, c. l., 985 m., 4 to 48 in. dia.; 16,700 hyd.; 19,500 v.; 21,700 met.; 161,200 serv.; pipe, lead & wrt. l.; pres., dom. 35 lbs., f. 35 lbs.; cons. day, 140,000,000 gals.; cost, \$37,000,000; cost mtce., \$2,500,000; wks. owned by city.

BUFFALO, p. 423,715; f. area, 42 sq. m.; merc. bldgs., stn., bk., wd. & iron, 3 to 12 stor.; priv., stn., bk. & wd., 1½ to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—82 str., 7 c. eng., 2 water towers, 68 hand ex., 12 h. & l. trk., 8 aer. trk., 3 f. boats, 30 hose wag., 4 comb. c. & h. wag., 255 hrs.; hose, cot., rub. lined, gd., 101,000 ft.; f. al., Gamewell, 750 bx.; val. equip., \$709,718; val. bldgs., \$303,852; exp. dept., \$1,108,279; tot. mem., 630, pd. full time.

Water Supply—Src., Lake Erie; sys., pump dir.; res. cap., 116,213,827 gals., loc. in city; 10 pump. eng., cap. day 212,000,000 gals.; mains, c. l., 564½ m., 4 to 48 in. dia.; 5,826 hyd.; 10,066 v.; 3,702 met.; 79,809 serv.; pipe, lead & c. l.; pres., dom. 30 lbs., f. 30 lbs.; cons. day, 139,581,015 gals.; cost, \$14,832,802; cost mtce., \$486,705; wks. owned by city.

CAIRO, p. 500; f. area, 600 a.; merc. bldgs., wd., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 4 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,250 ft.; inf., 450 ft.; tot. hose, 1,700 ft.; f. al., bell & telp.; val. equip., \$1,100; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 45 vol.

Water Supply—Src., res.; sys., grav.; 25 hyd.; 13 v.; pres., dom. 45 lbs., f. 40 to 60 lbs.; cost, \$34,000; cost mtce., \$25 to \$50; wks. owned by Co.

CALEDONIA, Livingston Co., p. 1,290; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 36 buckets, 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$2,500; exp. dept., \$500; tot. mem., 60 vol.

Water Supply—Src., well, ¾ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 110,000 gals., dim. 12 x 125; pump. eng., cap. day 500,000 gals.; mains, 3½ m., 4 to 10 in. dia.; 40 hyd.; 80 v.; 197 serv.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$22,000; wks. owned by town.

CAMBRIDGE, p. 1,528; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hand eng., 2 c. hand ex., 3 hose carts; hose, rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$700; tot. mem., 80 vol.

Water Supply—Src., spr.; sys., grav. & pump to res.; res. cap., 3,000,000 gals.; pump. eng., cap. day 500,000 gals.; mains, 6½ m., 6 to 8 in. dia.; 44 hyd.; met., 170; pres., dom. 85 lbs., f. 85 lbs.; cost, \$48,000; cost mtce., \$500; wks. owned by Co.

CAMDEN, p. 2,153; f. area, 40 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2½ stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 aer. trk., 2 hose car.; hose, rub. lined, gd., 950 ft.; rub. gd., 400 ft.; inf., 450 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$10,000; exp. dept., \$500; tot. mem., 75 vol.

Water Supply—Src., spr. & brook, 3½ miles bus. cent.; sys., grav.; res. cap., 150,000 gals., loc. 3½ m. northeast town; mains, c. l., 10 m., 4 to 12 in. dia.; 50 hyd.; 400 serv.; pipe, iron; pres., dom. 75 lbs., f. 75 lbs.; cost, \$53,032; wks. owned by village.

CANAJOHARIE, p. 2,273; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 c. hand ex., 1 h. & l. trk., 4 hose carts; hose, cot., rub. lined, gd., 5,000 ft.; f. al., elec. wh., 14 bx.; tot. mem., 100 vol.

Water Supply—Src., spr., 18 m. bus. cent.; sys., grav.; res. cap., 2,500,000 gals.; loc. 3,300 ft. back pumping station; 2 pump. eng. class trip, cap. day, 2,000,000 gals.; mains, wd., stove & c. i., 16½ m., 4 to 12 in. dia.; 63 hyd.; 88 v.; met., 6; 350 serv.; pipe, galv. i.; pres., dom. 60 to 120 lbs.; f. 75 to 150 lbs.; cons. day, 835,000 gals.; cost, \$250,000; cost mtce., \$3,000; wks. owned by city.

CANANDAIGUA, p. 7,217; f. area, 2,600 a.; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hand eng., 1 comb. c. & h. wag., 2 h. & l. trk., 6 hose carts, 5 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., Gamewell, 27 bz.; val. equip., \$10,000; val. bldgs., \$7,000; exp. dept., \$1,700; tot. mem., 250 vol.; undra. rating, third class.

Water Supply—Src., lake, 3 m. bus. cent.; sys., pump to res.; 2 pump. eng., cap. day, 2,000,000 gals.; mains, c. i., 2½ m., 4 to 16 in. dia.; 193 hyd.; 238 v.; 1,676 met.; 1,556 serv.; pipe, galv. i.; pres., dom. & f., 60 to 120 lbs.; cons. day, 825,000 gals.; cost, \$156,680; cost mtce., \$12,840; wks. owned by city.

CANASERAGA, f. area, 754 a. F. dept.—1 h. & l. trk., 2 hose carts; hose, 1,800 ft.; val. equip., \$1,800; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 80 vol.; undra. rating, third class.

Water Supply—Src., spr.; sys., grav.; 29 hyd.; 55 v.; mains, 5½ m.; pres., dom. 100 lbs.; f. 100 lbs.; cost, \$14,000; cost mtce., \$500; wks. owned by city.

CANASTOTA, p. 3,247; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 8 c. hand ex., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., bell & wh.; val. equip., \$5,500; val. bldgs., \$4,000; exp. dept., \$1,000; tot. mem., 75 vol.

Water Supply—Src., creek, spr.; sys., grav.; res. cap., 7,000,000 gals.; 1 pump. eng., cap. day, 850,000 gals.; mains, 12 m., 4 to 16 in. dia.; 83 hyd.; 42 v.; 700 serv.; pres., dom. 100 lbs.; f. 110 lbs.; cons. day, 400,000 gals.; wks. owned by city.

CANDOR, p. 737; f. area, 1,000 a.; merc. bldgs., wd. & bk., 1, 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 200 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$800; tot. mem., 55 vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, iron, 4 m.; 44 hyd.; 20 v.; pres., dom. 87½ lbs.; f. 87½ lbs.; cons. day, 10,000 gals.; cost, \$23,000; wks. owned by city.

CANISTEO, p. 2,259; f. area, ½ m.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 6 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 800 ft.; tot. hose, 2,800 ft.; f. al., bell & wh.; val. equip., \$50,000; val. bldgs., \$6,000; exp. dept., \$500; tot. mem., 160 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals., loc. on hill; mains, c. i., 8 m., 4 to 10 in. dia.; 60 hyd.; 25 v.; met., 270; 530 serv.; pipe, galv. i. & lead; pres., dom. & f. 71½ lbs.; wks. owned by Co.

CANTON, p. 2,701; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 2 c. hand ex., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 600 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$7,500; val. bldgs., \$3,000; exp. dept., \$400; tot. mem., 33 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 170,000 gals.; 2 pump. eng., cap. day, 2,000,000 gals.; mains, 8½ m., 4 to 8 in. dia.; 81 hyd.; 62 v.; 750 serv.; pres., dom. 50 lbs.; f. 80 lbs.; cons. day, 350,000 gals.; cost, \$54,000; cost mtce., \$4,000; wks. owned by city.

CAPE VINCENT, p. 1,155; f. area, 800 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hp. eng., 1 c. eng., 1 h. & l. trk., 3 hose car., 8 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 1,200 ft.; tot. hose,

2,700 ft.; f. al., bell, wh. & elec.; val. equip., \$3,000; val. bldgs., \$5,000; tot. mem., 125 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to stdp., dim. 20 x 40, loc. ¼ m. town, mat. stil.; 2 pump. eng., cap. day, 1,302,000 gals.; mains, iron, 7 m.; 58 hyd.; 150 serv.; pipe, galv. i.; pres., dom. 45 lbs.; f. 50 lbs.; cost, \$25,000; wks. owned by city.

CARTHAGE, p. 3,563; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. h. & c. wag., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., bell & wh.; val. equip., \$8,000; val. bldgs., \$6,000; tot. mem., 80 vol.

Water Supply—Src., spr., 15 2-3 m. bus. cent.; sys., grav.; stdp. cap., 250,000 gals., dim. 25 x 75, loc. bank of Black Riv., mat. stil.; res. cap., 5,000,000 gals.; 2 pump. eng., cap. day, 3,000,000 gals.; mains, c. i., 15 2-3 m., 4 to 12 in. dia.; 80 hyd.; 70 v.; met., 325; 700 serv.; pipe, galv. i.; pres., dom. & f. 95 lbs.; cons. day, 500,000 gals.; cost mtce., \$2,500; wks. owned by city.

CASTILE, p. 1,040; f. area, 800 a.; merc. bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; rub. gd., 200 ft.; tot. hose, 3,200 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$350; tot. mem., 50 vol.

Water Supply—Src., spr., 2 m. village; sys., grav.; stdp., dim. 60 x 11, mat. stil.; mains, 12 m., 4 to 10 in. dia.; 40 hyd.; 20 v.; pipe, wd.; pres., dom. & f., 60 to 120 lbs.; cost, \$40,000; wks. owned by city.

CASTLETON, Rensselaer Co., p. 1,460; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 3 hose car.; hose, lined, gd., 1,800 ft.; inf., 500 ft.; tot. hose, 2,300 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,500; exp. dept., 80 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; mains, iron, 5 m., 8 to 12 in. dia.; 42 hyd.; 25 v.; 120 serv.; pipe, galv. i.; pres., dom. 96 lbs.; f. 96 lbs.; cost, \$55,000; wks. owned by village.

CASTLETON AND NORTHFIELD (Greater New York), f. area, 8,180 a.; merc. bldgs., stn., wd. & bk., 2 to 4 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 1 hand eng., 1 patrol wag., 10 c. hand ex., 7 h. & l. trk., 12 hose wag., 4 hose car., 44 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 6,000 ft.; inf., 4,500 ft.; tot. hose, 12,500 ft.; f. al., wh. & telp.; val. equip., \$76,000; val. bldgs., \$39,000; exp. dept., \$26,000; tot. mem., 950 vol.

Water Supply—Src., from Staten Island Water Supply Co., West New Brighton.

CATSKILL, p. 5,296; f. area, 3,000 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; F. dept.—1 str., 7 c. hand ex., 2 h. & l. trk., 2 hose wag., 4 hose car.; hose, cot., gd., 2,000 ft.; f. al., elec., 23 bz.; val. equip., \$10,000; val. bldgs., \$14,000; exp. dept., \$1,600; tot. mem., 200 vol.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to res.; res. cap., 4,500,000 gals., loc. on high ground; 2 pump. eng., cap. day, 1,000,000 gals.; mains, c. i., 14 m., 4 to 10 in. dia.; 139 hyd.; 116 v.; 165 met.; 1,150 serv.; pipe, lead; pres., dom. 90 lbs.; f. 90 lbs.; cons. day, 684,596 gals.; cost mtce., \$700; wks. owned by village.

CATTARAUGUS, p. 1,165; merc. bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; val. equip., \$1,500; val. bldgs., \$2,500; tot. mem., 50 vol.

Water Supply—Src., spr., 4½ m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, c. i., 9½ m., 8 to 8 in. dia.; 32 hyd.; 13 v.; 250 serv.; pipe, wrt. i.; pres., dom. 100 to 120 lbs.; f. 100 to 125 lbs.; cost, \$80,582.60; wks. owned by village.

CAZENOVIA, p. 1,861; f. area, 640 a.; merc. bldgs., bk., stn. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; combt. ord.; causes of f.

inv. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,700 ft.; f. al., bell & telp., 3 bz.; val. bldgs., \$1,000; tot. mem., 75 vol.

Water Supply—Src., spr., & wells, 2 m. bus. cent.; sys., grav. & pump dir.; res. cap., 8,000,000 gals., loc. 2 m. east village; 1 pump. eng., class trip., cap. day 350,000 gals.; mains, c. l., 7 m., 4 to 10 in. dia.; 44 hyd.; 34 v.; met., 380; 468 serv.; pipe, lead; pres., dom. 62 lbs., f. 62 lbs.; cost, \$47,200; cost mtce., \$1,000; wks. owned by city.

CENTRAL BRIDGE, p. 1,000; f. area, 20 a. F. dept.—1 hose wag., 1 hose cart, 1,200 ft. hose, and ladders; f. al., gong; tot. mem., 35 vol.

CENTRAL VALLEY, p. 700. F. dept.—1 h. & l. trk., 1 hose cart, 1,200 ft. hose; f. al., bell; tot. mem., 60 vol.

Water Supply—Sys., grav.; 25 hyd.

CHAMPLAIN, p. 1,280; f. area, 640 a.; merc. bldgs., bk., 1½ to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 hand eng., 5 hose car.; hose, cot., rub. lined, gd., 500 ft.; inf., 450 ft.; tot. hose, 950 ft.; val. equip., \$2,000; tot. mem., 50 vol.; undrs. ratings, first class.

Water Supply—Src., riv., 1¼ m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 1,000,000 gals.; mains, iron, 5 m., 4 to 8 in. dia.; 42 hyd.; 300 serv.; pipe, iron & lead; pres., dom. 30 lbs., f. 100 lbs.; cons. day, 70,000 gals.; cost, \$20,000; cost mtce., \$2,000; wks. owned by city.

CHARLOTTE, p. 1,938. F. dept.—1 h. & l. trk., 1 c. eng., 4 hose wag.; val. equip., \$7,000; tot. mem., 110 vol.

Water Supply—Src., Lake Ontario; 1 pump. eng., cap. day 100,000 gals.; hyd., 105; pres., dom. 100 lbs., f. 125 lbs.; wks. owned by city.

CHATEAUGAY, p. 1,045; f. area, 640 a.; merc. bldgs., wd. bk. & stn., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 h. & l. trk., 1 aer. trk., 2 hose wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 950 ft.; rub., gd., 100 ft.; tot. hose, 1,050 ft.; f. al., bells; val. equip., \$1,000; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 20 vol.

Water Supply—Src., spr.; sys., grav.; mains, 3 m., 4 to 16 in. dia.; 16 hyd.; 150 v.; pres., dom. 55 lbs., f. 45 lbs.; cost, \$10,000; cost mtce., \$500; wks. owned by Co.

CHATHAM, p. 1,251; f. area, 852 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; linen, gd., 1,250 ft.; inf., 100 ft.; tot. hose, 2,350 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$4,000; exp. dept., \$700; tot. mem., 62 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 1,500,000 gals.; pump. eng., cap. day 1,250,000 gals.; mains, c. l., 20 m., 4 to 12 in. dia.; 49 hyd.; 30 v.; met., 54; 819 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 90 lbs.; cost, \$125,000; cost mtce., \$2,200; wks. owned by Co.

CHAUTAUQUA, p. 800. F. dept.—1 c. eng., 5 c. hand ex., 1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 750 ft.; tot. hose, 2,250 ft.; f. al., elec. 17 bz.; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$350; tot. mem., 35 vol.

Water Supply—Src., lake, ¼ m. bus. cent.; res. cap., 10,000,000 gals.; 2 pump. eng., class trip. & turbine, cap. day 1,614,000 gals.; mains, c. l., 4 m., 4 to 12 in. dia.; 800 serv.; pipe, galv. & wrt. l.; pres., dom. 50 lbs., f. 90 lbs.

CHERRY CREEK, p. 674; f. area, 700 a.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$25; tot. mem., 40 vol.; undrs. rating, second class.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 400,000 gals.; mains, 4 to 8 in. dia.; 40 hyd.; pres., dom. 53 lbs., f. 87 lbs.; cost, \$30,000; cost mtce., \$300; wks. owned by city.

CHERRY VALLEY, p. 1,706. F. dept.—1 h. & l. trk., 2 hand eng., 3 hose carts, 800 ft. hose; f. al., bell; tot. mem., 50 vol.

Water Supply—Not reported.

CHESTER, p. 1,210; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks.

& combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., wh.; val. equip., \$3,500; val. bldgs., \$6,000; exp. dept., \$150; tot. mem., 55 vol.

Water Supply—Src., lake, 5 m. bus. cent.; sys., grav.; res. cap., 300,000,000 gals., loc. 254 ft. above village; mains, c. l., 8 m., 4 to 12 in. dia.; 40 hyd.; 15 v.; 1 met.; pipe, lead; pres., dom. 100 lbs., f. 100 lbs.; cost, \$55,000; cost mtce., \$100; wks. owned by village.

CHITTENANGO, p. 678. F. dept.—1 str., 1 hand eng.; f. al., bell; tot. mem., 20 vol.

Water Supply—Not reported.

CHURCHVILLE, p. 565; f. area, 860 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. hand c. & water eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 800 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,250; val. bldgs., \$2,800; exp. dept., \$100; tot. mem., 53 vol.

Water Supply—Not reported.

CINCINNATUS, p. 955. F. dept.—1 hose cart, 1,600 ft. hose; f. al., bell & wh.; tot. mem., 40 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 175,000 gals.; mains, 4 to 8 in. dia.; 18 hyd.; 80 met.; 90 serv.; pres., dom. 4 f., 70 lbs.; cost, \$14,000; wks. owned by water district.

CLARENCE, p. 400; f. area, 200 a.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., hooks & ladders, etc.; f. al., bell; val. equip., \$300; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 25 vol.

No water works.

CLAYTON, p. 1,941; f. area, 640 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 str., 1 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 3,100 ft.; rub., gd., 300 ft.; inf., 1,000 ft.; tot. hose, 4,400 ft.; f. al., wh. & bell; val. equip., \$7,000; val. bldgs., \$3,000; exp. dept., \$100; tot. mem., 110 vol.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; mains, iron, 7 m., 4 to 10 in. dia.; 55 hyd.; pres., f. 60 lbs.; cost, \$30,000; cost mtce., \$1,200; wks. owned by village.

CLEVELAND, p. 687; f. area, 10 a.; merc. bldgs., wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 850 ft.; inf., 500 ft.; tot. hose, 1,350 ft.; f. al., bell, wh.; tot. mem., 30 vol.

Water Supply—Src., spr. & brook, 2 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, c. l., 8 m., 4 to 12 in. dia.; 48 hyd.; 41 v.; 96 serv.; pipe, lead; pres., f. 54 lbs.; cost, \$62,000; cost mtce., \$500; wks. owned by priv. Co.

CLIFTON, p. 1,800; f. area, 350 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 str., 150 glass bottles, 50 glass pails containing chemicals, 54 c. hand ex., 1 h. & l. trk., 2 hose car., ladders & buckets; hose, cot., rub. lined, gd., 1,000 ft.; leather, gd., 300 ft.; rubber, gd., 350 ft.; inf., 1,000 ft.; tot. hose, 2,650 ft.; f. al., wh. & bell; val. equip., \$2,000; val. bldgs., \$1,700; tot. mem., 75, pd.

Water Supply—Supplied by Crystal Water Co. (see Stapleton); sys., pump to stdp.

CLIFTON SPRINGS, p. 1,600; f. area, 575 a.; merc. bldgs., bk. & wd., 1 to 6 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,350 ft.; rub., gd., 500 ft.; inf., 100 ft.; tot. hose, 2,950 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$200; tot. mem., 125 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 3,000,000 gals.; mains, 10 m.; 59 hyd.; met., 150; 369 serv.; pres., f. 100 lbs.; cost, \$60,000.

CLINTON, p. 1,236; f. area, 475 a.; merc. bldgs., bk., 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 6 c. hand ex., 1 h. & l. trk., 1 hose cart, 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$5,000; exp. dept., \$241; tot. mem., 65 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys.,

grav.; res. cap., 6,000,000 gals.; mains, c. i., 6 m., 4 to 18 in. dia.; 41 hyd.; 20 v.; 300 serv.; pipe, galv. i.; pres. dom. 70 lbs. f. 110 lbs.; cost, \$40,000; cost mtce., \$800; wks. owned by village.

CLYDE, p. 2,695; f. area, $\frac{1}{2}$ m.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, rub. lined, gd., 2,700 ft.; inf., 600 ft.; tot. hose, 3,200 ft.; f. al., bell; val. equip., \$5,000; exp. dept., 600; tot. mem., 80 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys. pump to stdp.; stdp. cap., 200,000 gals., dim. 24 x 60, loc. on top hill, mat. stl.; 2 pump. eng., cap. day 2,000,000 gals.; mains, iron, 6 1-8 m., 4 to 10 in. dia.; 69 hyd.; 26 v.; met., 280; 877 serv.; pipe, galv. i.; pres., dom. 70 to 80 lbs. f. 80 to 125 lbs.; cons. day, 90,000 gals.; wks. owned by Co.

COBLESKILL, p. 2,088; f. area, 1 m.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 100 vol.

Water Supply—Src., spr., sys., grav.; res. cap., 12,000,000 gals.; mains, c. i., 6 m., 4 to 20 in. dia.; 65 hyd.; 88 v.; 300 serv.; pipe, lead; pres., dom. 85 lbs. f. 85 lbs.; cost, \$65,000; cost mtce., \$150; wks. owned by city.

COEYMAN, p. 1,000. F. dept.—3 hose carts, 1,450 ft. hose.

Water Supply—21 hyd.; pres., 112 lbs.; tot. mem., 75 vol.

COHOCTON, p. 879; f. area, 640 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,800; tot. mem., 78 vol.; undra. rating, third class.

Water Supply—Src., spr.; res. cap., 225,000 gals.; mains, 6.8 m.; 40 hyd.

COHOES, p. 24,709; f. area, 1,280 a.; merc. bldgs., bk. & wd., 1 to 9 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 1 gas. eng., 8 c. hand ex., 4 comb. c. & h. wag., 1 aer. trk., 2 hose wag., 2 hose carts, 18 hrs.; hose, cot., rub. lined, gd., 9,000 ft.; inf., 1,000 ft.; tot. hose, 10,000 ft.; f. al., elec., 43 bx.; val. equip., \$64,816; val. bldgs., \$51,500; exp. dept., \$29,000; tot. mem., 200, pd. full time 18, vol. 182.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys. pump to res.; res. cap., 64,500,000 gals.; 4 pump. eng., cap. day 10,000,000 gals.; mains, c. i., 50 m., 4 to 30 in. dia.; 450 hyd.; 475 v.; met., 11; 3,500 serv.; pipe, iron & lead; pres., dom. 65 lbs. f. 72 lbs.; cons. day, 6,500,000 gals.; cost, \$500,000; cost mtce., \$18,000; wks. owned by city.

COLD SPRING, Putnam Co., p. 2,649; bldgs., wd. & bk., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; tot. mem., 43 vol.; undra. rating, second class.

Water Supply—Src., mountain spr.; sys., grav.; res. cap., 15,000,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 59 hyd.; met., 215; 495 serv.; pres., dom. 100 lbs. f. 100 lbs.; cons. day, 50,000 gals.; cost, \$50,000; cost mtce., \$250; wks. owned by village.

COLD SPRING HARBOR, p. 700. F. dept.—1 h. & l. trk., 1 hand eng., 64 c. hand ex.; hose, cot., rub. lined, gd., 500 ft.; f. al., telp. & bell; tot. mem., 80 vol.

COLLEGE POINT (under supervision of N. Y. f. dept.), p. 10,000. F. dept.—1 h. & l. trk., hose trk., 1 jumper; hose, cot., rub. lined, gd., 4,000 ft.; f. al., bell & wh., 25 bx.; mem. pd. full time.

Water Supply—Src., spr., 4 m. bus. cent.; sys. pump to stdp.; stdp. cap., 828,900 gals.; 2 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 15 m., 6 to 16 in. dia.; 130 hyd.; 85 v.; met., 600; 1,200 serv.; pres., dom. 60 to 70 lbs. f. 75 lbs.; cost, \$250,000; cost mtce., \$7,000; wks. owned by borough.

CONSTABLEVILLE, n. 407. F. dept.—1 hand eng., 2 hose carts, 1,200 ft. hose; f. al., bell; tot. mem., 84 vol.

Water Supply—Not reported.

COOPERSTOWN, Otsego Co., p. 2,484; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 str., 1 c. eng., 12 c. hand ex., 1 h. & l. trk., 3 hose car., 4 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 700 ft.; tot. hose, 2,900 ft.; f. al., bell & wh.; val. equip., \$8,600; val. bldgs., \$20,000; tot. mem., 110 vol.

Water Supply—Source, lake, $\frac{1}{2}$ m. bus. cent.; sys. pump dir.; res. cap., 166,000 gals.; 3 pump. eng., class comp. dup., cap. day, 3,000,000 gals.; mains, c. i., 8 m., 4, 6 & 8 in. dia.; 58 hyd.; 96 v.; met., 16; 500 serv.; pipe, galv. i. & lead; pres., dom. 70 lbs. f. 100 lbs.; cons. day, 500,000 gals.; wks. owned by Cooperstown Aqueduct Assn.

CORINTH, p. 2,166; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 4 comb. c. & h. wag., 4 hose carts; hose, cot., rub. lined, gd., 2,200 ft.; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$220; tot. mem., 60 vol.

Water Supply—Src., str. & brooks, 2 & 3 m. bus. cent.; sys., grav., pump to res. to stdp. & dir.; stdp. cap., 10,000 gals.; res. cap., 2,500,000 gals.; mains, iron, 7 m., 4 to 10 in. dia.; 40 hyd.; 175 serv.; pipe, galv. i.; pres., dom. 90 lbs. f. 125 lbs.; cost, \$48,000; wks. owned by Co.

CORNING, p. 13,780; f. area, 5,000 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 5 c. hand ex., 1 comb. c. eng. & hose wag., 1 hose wag., 6 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 4,150 ft.; rub., gd., 900 ft.; tot. hose, 5,050 ft.; f. al., bell, 32 bx.; val. equip., \$18,000; val. bldgs., \$3,000; exp. dept., \$5,000; tot. mem., 122, pd. full time 7, vol. 115.

Water Supply—Src., spr., $\frac{1}{2}$ m. bus. cent.; sys. pump to mains dir.; res. cap., 4,500,000 gals.; 2 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 27.8 m., 4 to 16 in. dia.; 268 hyd.; wks. owned by city.

CORNWALL, p. 2,658; bldgs., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 hand eng., 1 hose car., 1 auto. trip. comb. pump, hose wag. & c. eng.; hose, cot., rub. lined, gd., \$1,700 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$6,000; exp. dept., \$300; tot. mem., 60 vol.

Water Supply—Src., mountain strma. & springs, 2 m. bus. cent.; sys., grav.; 3 res., cap. 100,000,000 gals.; mains, iron, 8 m., 4 to 10 in. dia.; 82 hyd.; met., 250; 150 serv.; pipe, c. i.; pres., dom. 120 lbs. f. 120 lbs.; cost, \$102,000; cost mtce., \$5,000; wks. owned by city.

CORONA (p. included in New York City); f. area, 640 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 1 hr.; hose, cot., rub. lined, gd., 850 ft.; rub., gd., 250 ft.; tot. hose, 600 ft.; f. al., Gamewell & bell, 2 bx.; val. equip., \$1,000; val. bldgs., \$1,300; exp. dept., \$200; tot. mem., 54 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 196,000 gals.; pump. eng., cap. day 750,000 gals.; mains, 4 m., 4 to 12 in. dia.; 108 hyd.; met., 125; pres., dom. 55 lbs. f. 55 lbs.; cost, \$100,000; cost mtce., \$3,000; wks. owned by Co.

CORTLAND, p. 11,504; f. area, 256 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 1 h. & l. trk., 7 c. hand ex., 1 hose wag., 1 supply & exercise wag., 4 hose carts, 5 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., bell, 42 bx.; val. equip., \$18,000; val. bldgs., \$85,000; exp. dept., \$6,000; tot. mem., 156, pd. full time 4, vol. 152.

Water Supply—Src., spr., 1 m. bus. cent.; sys. pump to stdp. & dir.; stdp. cap., 1,375,000 gals., dim. 40 x 40 & 50 x 60, mat. iron; res. cap., 3,000,000 gals., loc. at pump. station; 2 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 25 m., 4 to 18 in. dia.; 218 hyd.; 176 v.; 1,526 met., 2,110 serv.; pipe, galv. i.; pres., dom. 75 lbs. f. 110 lbs.; cons. day, 1,100,000 gals.; cost, \$361,000; cost mtce., \$8,000; wks. owned by city.

COXSACKIE, p. 2,494; f. area, 500 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs.

perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 2 c. hand ex., 1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell; val. equip., \$6,500; val. bldgs., \$3,500; exp. dept., \$850; tot. mem., 180 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav.; res. cap., 5,000,000 gals.; mains, 10 m., 6 to 10 in. dia.; 72 hyd.; met., 19; 812 serv.; pipe, lead; pres., dom. 100 lbs., f. 120 lbs.; cost, \$74,000; cost mtce., \$1,000; wks. owned by city.

CROTON-ON-THE-HUDSON, p. 1,806; f. area, 1 sq. m. F. dept.—1 h. & l. trk., c. hand eng.; val. equip., \$1,200; exp. dept., \$500; tot. mem., 100 vol.

Water Supply—Not reported.

CROWN POINT, p. 1,978; f. area, all the town; merc. bldgs., wd., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 c. hand ex., 1 comb. h. & l. trk. & c. wag.; 200 ft. cot. rub. lined hose; tot. mem., 38 vol.

Water Supply—Src., spr., 50 rods bus. cent.; sys., grav.; res. cap., 25,000 gals.; mains, c. i., 3½ m., 3 to 4 in. dia.; 1 hyd.; 60 serv.; pipe, iron; pres., dom. 85 lbs., f. 80 lbs.; cost, \$4,000; cost mtce., \$75; wks. owned by Co.

CUBA, p. 1,556; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 1 h. & l. trk., f. boats, supply wag., 6 hose car.; hose, rub. gd., 2,000 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$3,000; exp. dept., \$250; tot. mem., 105 vol.

Water Supply—Src., spr., 2 & 3 m. bus. cent.; sys., grav.; res. cap., 900,000 gals., loc. south-west of town; mains, c. i., 10 m., 4 to 8 in. dia.; 43 hyd.; 42 v.; 350 serv.; pres., dom. 90 lbs., f. 83 lbs.; cost, \$45,000; cost mtce., \$700; wks. owned by village.

DANNEMORA, p. 750; f. area, 100 a.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—Hose cart, ladders, etc.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$600; val. bldgs., \$1,000; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; mains, 2½ m.; 19 hyd.; 6 v.; 90 serv.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$16,000; cost mtce., \$200; wks. owned by town.

DANSVILLE, p. 3,938; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—4 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., telp. sys.; val. equip., \$3,700; val. bldgs., \$6,000; exp. dept., \$600; tot. mem., 125 vol.

Water Supply—Src., spr., 2½ m. bus. cent.; sys., grav.; res. cap., 3,500,000 gals., loc. 250 ft. above village; mains, c. i., 15½ m., 4 to 12 in. dia.; 125 hyd.; 145 v.; 950 serv.; pipe, galv. i.; pres., dom. 45 to 90 lbs., f. 48 to 105 lbs.; cons. day, 650,000 gals.; cost, \$88,000; cost mtce., \$3,500; wks. owned by city.

DEANSBORO, p. 250; f. area, ¼ m.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, ladders & cart, 2 hand ex., etc.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. bldgs., \$2,000; tot. mem., 30 vol.

Water Supply—Src., res., 1 m. bus. cent.; sys., grav.; 20 hyd.; pres., f. 68 lbs.; cost, \$7,000; cost mtce., \$400; wks. owned by priv. Co.

DELEVAN, p. 766. F. dept.—1 hose cart, 750 ft. hose; f. al., elec., 5 bx.; tot. mem., 30 vol.

Water Supply—Sys., grav.; 22 hyd.; 60 lbs. pres.

DELHI, p. 1,786; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 2 h. & l. trk., 6 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$3,000; exp. dept., \$700; tot. mem., 100 vol.; undrs. rating, first class.

Water Supply—Src., brook, 1 m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals.; mains, 10 m., 3 to 12 in. dia.; 111 hyd.; 90 v.; met., 5; 416 serv.; pres., dom. & f. 83 lbs.; cost, \$60,000; cost mtce., \$800; wks. owned by town.

DEPEW, p. 3,921; f. area, 2,600 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., wd., 2½

stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose reels; hose, cot., rub. lined, gd., 6,600 ft.; inf., 3,000 ft.; tot. hose, 9,600 ft.; f. al., Gamewell, 18 bx.; val. equip., \$13,455; val. bldgs., \$14,000; cost mtce., \$1,000; tot. mem., 125 vol.

Water Supply—Not reported.

DEPOSIT, p. 1,864; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$9,000; exp. dept., \$500; tot. mem., 75 vol.

Water Supply—Src., spr., brook & res., 2 m. bus. cent.; sys., grav.; res. cap., 25,000,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 50 hyd.; 20 v.; 7 met.; 450 serv.; pipe, lead; pres., dom. & f., 75 lbs.; cons. day, 250,000 gals.; cost, \$95,000; cost mtce., \$3,000; wks. owned by priv. Co.

DERUYTER, p. 1,196. F. dept.—1,500 ft. hose; f. al., bell; 65 vol.

Water Supply—Not reported.

DISPATCH, p. 1,000. F. dept.—1 h. & l. trk., 2 c. hand ex., 3 hose carts, 1,500 ft. hose; tot. mem., 140 vol.

DOBBS FERRY, p. 3,455; f. area, 1,000 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 to 4 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 2 auto., 2 comb. c. & h. wag., 1 h. & l. trk., 1 aer. trk., 1 water tower, 3 hose car., 2 hose wag.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 12 bx.; val. equip., \$2,400; val. bldgs., \$3,000; exp. dept., \$2,500; tot. mem., 140 vol.; undrs. rating, first class.

Water Supply—Src., see Tarrytown.

DOLGEVILLE, p. 2,685; f. area, 500 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; inf., 800 ft.; tot. hose, 2,300 ft.; f. al., Gamewell, 16 bx.; val. equip., \$4,000; val. bldgs., \$3,000; exp. dept., \$1,500; tot. mem., 100 vol.

Water Supply—Src., creek, 4½ m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals., loc. on Cold Creek, Salisbury; mains, iron, 14 m., 4 to 12 in. dia.; 64 hyd.; 680 serv.; pipe, galv. i. & lead; pres., dom. 120 to 150 lbs., f. 130 to 160 lbs.; cost, \$70,000; cost mtce., \$509.73; wks. owned by city.

DOVER PLAINS, p. 750. F. dept.—2 hose carts, 750 ft. hose; f. al., bell; vol.

Water Supply—Sys., grav.; 15 hyd.; 85 lbs.

DRYDEN, p. 709; f. area, 440 a. F. dept.—4 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., bell, 1 bx.; val. equip., \$3,000; val. bldgs., \$2,500; exp. dept., \$75; tot. mem., 60.

Water Supply—Src., spr.; sys., grav.; pres., 85 lbs.; cost, \$28,000; wks. owned by village.

DUNDEE, p. 1,228; f. area, 125 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—3 c. eng., 1 h. & l. trk., 1 hand eng., 5 c. hand ex.; hose, cot., rub. lined, gd., 200 ft.; f. al., bell; val. equip., \$2,600; val. bldgs., \$1,200; tot. mem., 60 vol.

Water Supply—Src., wells.

DUNKIRK, p. 17,221; f. area, 1,280 a.; merc. bldgs., bk., conc. & wd., 2 to 4 stor.; priv., bk., conc. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 10 c. hand ex., 3 hose wag., 1 auto. comb. c. & h. wag., 6 hrs.; hose, cot., rub. lined, gd., 9,500 ft.; f. al., telp. & wh.; val. equip., \$35,000; val. bldgs., \$50,000; exp. dept., \$12,000; tot. mem., 360, pd. full time 10, 340 vol.

Water Supply—Src., lake, 1½ m. bus. cent.; sys., pump dir.; 2 pump. eng. cap. day 12,000,000 gals.; mains, c. i., 45 m., 3 to 20 in. dia.; 160 hyd.; 222 v.; 3,600 met.; 3,600 serv.; pipe, lead & galv. i.; pres., dom. 70 lbs., f. 100 to 140 lbs.; cons. day, 4,000,000 gals.; cost, \$200,000; wks. owned by city.

EAST AURORA, p. 2,781; f. area, 640 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 2 h. & l. trk., 3 hose car., 2 hrs.; hose,

cot., rub. lined, gd., 1,200 ft.; inf., 100 ft.; tot. hose, 1,300 ft.; f. al., elec.; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$800; tot. mem., 125 vol.

Water Supply—Src., spr. & wells; sys., pump dir. & grav.; res. cap., \$25,000 gals.; pump. eng., cap. day 720,000 gals.; mains, c. i. & wd., 20 m., 4 to 10 in. dia.; 95 hyd.; 42 v.; met., 470; 952 serv.; pipe, lead; pres., dom. 70 lbs., f. 120 lbs.; cost, \$84,000; cost mtce., \$4,800; wks. owned by village.

EAST HAMPTON, p. 1,000. F. dept.—2 hose carts, 1 h. & 1 trk., 2,000 ft. hose; tot. mem., 62 vol.

EAST MORICHES, p. 600. F. dept.—1 h. & 1 trk., buckets; f. al. bell; vol.

Water Supply—Not reported.

EAST ROCHESTER, p. 2,398; f. area, 350 a.; F. dept.—2 c. eng., 1 c. hand ex., 1 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., elec., 14 bx.; val. equip., \$4,000; val. bldgs., \$12,000; exp. dept., \$1,000; tot. mem., 175 vol.

Water Supply—Src., Lake Ontario Water Co.; 57 hyd.; mains, 5½ m.; pres., dom. 80 lbs., f. 100 lbs.; cost, \$102,500; wks. owned by village.

EAST SYRACUSE, p. 3,274; f. area, 320 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al. bell & wh., 10 bx.; val. equip., \$2,000; val. bldgs., \$2,500; tot. mem., 110 vol.

Water Supply—Src., spr.; sys., grav. to res.; res. cap., 3,500,000 gals.; mains, 13 m., 4 to 12 in. dia.; 66 hyd.; 59 v.; 200 met.; 400 serv.; pres., f. 120 lbs.; cost, \$75,000; wks. owned by village.

EBENEZER, F. dept. not reported.

Water Supply—Src., Lake Erie, situated 3 m. bus. cent.; sys., grav.; mains, iron pipe; hyd., 15; pres., dom. 40 to 55 lbs., f. 95 lbs.; wks. owned by priv. Co.

EDEN, p. 2,526. F. dept.—1 hand eng., 1 h. & 1 trk., 20 hand ex.; f. al. bell; tot. mem., 20 vol.

Water Supply—Not reported.

ELBRIDGE, p. 2,980. F. dept.—1 hand eng., 2,000 ft. hose; f. al. bell; vol.

Water Supply—Not reported.

ELLENVILLE, p. 3,114; f. area, 700 a.; merc. bldgs., stn. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose wag.; hose, cot., rub. lined, gd., 3,000 ft.; f. al. bell; val. equip., \$6,500; val. bldgs., \$6,000; exp. dept., \$700; tot. mem., 185 vol.

Water Supply—Src., brook, 1 m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; loc. on mountain; mains, iron, 10 m., 4 to 10 in. dia.; 91 hyd.; 81 v.; 13 met.; 600 serv.; pipe, wrt. i.; pres., dom. 35 lbs., f. 87 to 105 lbs.; cost mtce., \$1,350; wks. owned by village.

ELIZABETHTOWN, p. 1,108. F. dept.—1 hose cart, 1 h. & 1 trk., 2 hand ex., 1,000 ft. hose; f. al. bell; tot. mem., 60 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 125,000 gals.; mains, c. i., 1,888 ft., 3 to 6 in. dia.; 24 hyd.; pres., dom. & f., 120 lbs.; wks. owned by Corp.

ELLCOTTVILLE, p. 2,067. F. dept.—2 hose carts, 950 ft. hose; f. al. bell; tot. mem., 80 vol.

Water Supply—Src., spr. & wells, 2 m. bus. cent.; sys., grav.; stdp. cap., 200,000 gals.; 2 pump. eng., cap. day, 100,800 gals.; pres., f. 75 lbs.; cost, \$18,000; wks. owned by priv. Co.

ELMIRA, p. 37,176; f. area, 4,800 a.; merc. bldgs., bk. & stn., 2 to 6 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 5 comb. c. & h. wag., 6 str., 2 h. & 1 trk., 4 c. hand ex., 1 aer. trk., 1 hose wag., 23 hrs.; hose, cot., rub. lined, gd., 9,250 ft.; f. al. bell, 77 bx.; val. equip., \$60,089; val. bldgs., \$91,000; exp. dept., \$39,500; tot. mem., 44, pd. full time 43; pd. part time 1.

Water Supply—Src., riv. & creek, 1¼ & 3 m. bus. cent.; sys., grav. & pump to res.; res. cap., 95,000,000 gals., loc. at Carrs Creek; 4 pump. eng., cap. day 39,000,000 gals.; mains, c. i., 78 m., 6 to 20 in. dia.; 618 hyd.; 660 v.; 3,725 met.; 7,679 serv.; pipe, lead & galv. i.; pres.,

dom. 85 lbs., f. 85 lbs.; cons. day, 7,500,000 gals.; cost, \$1,000,000; wks. owned by Co.

ELMIRA HEIGHTS, p. 2,732; f. area, 600 a.; merc. bldgs., bk., 1 to 2 stor.; priv., mostly wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., hose wag., 4 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al. bell in town hall; val. equip., \$3,500; val. bldgs., \$1,500; exp. dept., \$400; mem., 80 vol.

Water Supply—Src., Chemung River & res., 5 m. bus. cent.; sys., dir. pres.; res. cap., 1,560,000 gals.; 2 pump. eng., class comp. dup., cap. day, 1,800,000 gals.; pres., dom. & f. 110 to 135 lbs.; wks. owned by Elmira Water, Light & Railroad Co.

ENDICOTT, p. 2,408. F. dept.—1 comb. wag., 2 hose carts, 1 h. & 1 trk.; hose, 1,100 ft.; 1,000 ft. of hose available at shoe factory; tot. mem., 130 vol.

Water Supply—Sys., grav.; res. cap., 2,000,000 gals.; stn. pump; mains, 4½ m.; 32 hyd.; pres., dom. 65 lbs., f. 130 lbs.

FAIRPORT, p. 3,112; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—3 c. eng., 1 h. & 1 trk., 1 hose wag., 4 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al. wh.; val. equip., \$5,000; exp. dept., \$1,100; tot. mem., 140 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 300,000 gals., mat., iron; 2 pump. eng., class trip. & comp. dup., cap. day, 982,000 gals.; mains, c. i., 8 m., 4 to 10 in. dia.; 77 hyd.; 64 v.; met., 621; 780 serv.; pipe, galv. i. & lead; pres., dom. & f. 80 to 90 lbs.; cons. day, 200,000 gals.; cost, \$42,000; cost mtce., \$2,200; wks. owned by village.

FALCONER, p. 2,141; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 hose wag., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 1,100 ft.; f. al. bell; val. equip., \$2,100; val. bldgs., \$3,500; exp. dept., \$800; tot. mem., 80 vol.

Water Supply—Src., wells, 1¼ m. bus. cent.; sys., pump dir.; stdp. eng., cap. day 5,000,000 gals.; mains, c. i., 6 m., 6 to 16 in. dia.; 26 hyd.; 12 v.; 200 met.; 610 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 125 lbs.; wks. owned by city.

FARMINGDALE, p. 1,567; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hand eng., 1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 1,000 ft.; tot. hose, 2,000 ft.; f. al. bell; val. equip., \$2,500; val. bldgs., \$4,500; exp. dept., \$250; tot. mem., 110 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 24,000 gals.; 2 pump. eng., cap. 650 gals. min.; mains, 7 m.; 71 hyd.; pres., dom. 70 lbs., f. 105 lbs.; cost, \$58,000; cost mtce., \$2,500; wks. owned by Co.

FAR ROCKAWAY (Greater New York), f. area, 900 a.; bldgs., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & 1 trk., 1 jumper, 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 450 ft.; inf., 850 ft.; tot. hose, 2,300 ft.; f. al., Gamewell, 16 bx.; val. equip., \$8,000; val. bldgs., \$3,500; exp. dept., \$2,000; tot. mem., 85 vol.

Water Supply—Src., wells, 6 m. bus. cent.; sys., pump to stdp. & dir.; stdp. dim., 12 x 120 & 20 x 100, mat. wrt. i.; 3 pump. eng., class high & low serv., cap. day 8,000,000 gals.; mains, c. i., 80 m., 3 to 20 in. dia.; 400 hyd.; met., 1,457; 3,800 serv.; pipe, wrt. i. & lead; pres., dom. 49 to 90 lbs.; cons. day, 1,900,000 gals.; wks. owned by Co.

FAYETTEVILLE, p. 1,481; f. area, 400 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 3 hose car.; hose, linen, gd., 1,300 ft.; f. al. bell; val. equip., \$1,790; val. bldgs., \$700; exp. dept., \$150; tot. mem., 20 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; 2 res. cap., 10,000,000 gals.; mains, c. i., 5½ m., 4 to 10 in. dia.; 50 hyd.; 26 v.; met., 425; 445 serv.; pipe, galv. i.; pres., dom. & f. 60 to 125 lbs.; cost, \$50,000; cost mtce., \$2,450; wks. owned by village.

FISHKILL LANDING, p. 3,902; f. area, 960 a.; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., wd. 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose cart, 1 hra.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; exp. dept., \$800.

Water Supply—Src., mountain strms., 1½ m. bus. cent.; sys., grav.; 44 hyd.; 41 v.; met., 447; 440 serv.; pres., dom. 105 lbs., f. 140 lbs.; wks. owned by city.

FLORAL PARK, p. 1,225. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,100 ft.; rub. gd., 150 ft.; tot. hose, 1,250 ft.; f. al., bell; val. bldgs., \$1,500; exp. dept., \$1,200; tot. mem., 65 vol.

Water Supply—Not reported.

FLUSHING (Greater New York), f. area, 2,560 a.; merc. bldgs., stn., bk. & wd., 3 & 4 stor.; priv., wd. 2 & 3 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—2 h. & 1 trk., 5 hose car.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 29 bx.; val. equip., \$4,000; val. bldgs., \$15,000; exp. dept., \$5,000; tot. mem., 235 vol.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 690,000 gals.; pump. eng. cap. day 3,000,000 gals.; mains, c. i., 36 m., 4 to 16 in. dia.; 265 hyd.; met., 1,900; 2,300 serv.; pres., dom. 40 lbs., f. 90 lbs.; cost, \$270,000; cost mtce., \$20,000; wks. owned by town.

FONDA, p. 1,100; f. area, 640 a.; merc. bldgs., bk. & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 6 c. hand ex., 1 c. eng., 3 hose car.; hose, cot., rub. lined, gd., 750 ft.; rub. gd., 700 ft.; inf., 250 ft.; tot. hose, 1,700 ft.; f. al., bell & wh., 7 bx.; val. equip., \$2,000; val. bldgs., \$3,000; exp. dept., \$350; tot. mem., 90 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav.; res. cap., 50,000 gals., loc. west village; mains, i., 6½ m., 4 to 12 in. dia.; 35 hyd.; 22 v.; met., 1; 225 serv.; pipe, lead; pres., dom. 70 lbs., f. 80 lbs.; cost, \$32,000; cost mtce., \$500; wks. owned by village.

FORESTVILLE, p. 721. F. dept.—1 h. & 1 trk., 2 hose carts, 900 ft. hose; f. al., bell; tot. mem., 15 vol.

Water Supply—Sys., grav.; 25 hyd.; pres., 90 lbs.

FT. EDWARD, p. 3,762; f. area, 70 a.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm.; combt. ord. F. dept.—1 str., 3 c. hand ex., 3 hose serv.; hose, cot., rub. lined, gd., 4,350 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$5,000; exp. dept., \$675; tot. mem., 89, pd. full time 2, vol. 87.

Water Supply—Src., spr., 2½ m. bus. cent.; sys., grav.; mains, c. i., 10 m., 4 to 20 in. dia.; 100 hyd.; 90 v.; met., 2; pipe, galv. i.; pres., dom. 30 to 50 lbs., f. 30 to 50 lbs.; cost, \$6,500; wks. owned by corp.

FORT PLAIN, p. 2,762; f. area, 800 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfa. perm. in f. area; fwks. ord. F. dept.—1 h. & 1 trk., 2 hand eng., 6 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell; val. equip., \$6,000; val. bldgs., \$450; exp. dept., \$500; tot. mem., 150 vol.

Water Supply—Src., spr., 8 m. bus. cent.; sys., grav.; res. cap., 25,000,000 gals.; mains, c. i., 15 m., 4 to 12 in. dia.; 72 hyd.; 41 v.; met., 50; 700 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 90 lbs.; cons. day, 500,000 gals.; cost, \$98,500; cost mtce., \$2,500; wks. owned by village.

FRANKFORT, p. 3,303; f. area, 400 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—2 str., 1 h. & 1 trk., 4 c. hand ex., 8 hose wag.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., wh.; val. equip., \$5,500; val. bldgs., \$3,500; exp. dept., \$800; tot. mem., 80 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 10,000,000 gals.; mains, 9½ m.; 71 hyd.; pres., dom. & f. 85 to 100 lbs.; cost, \$60,000; wks. owned by city.

FRANKLIN, p. 2,403. F. dept.—1 h. & 1 trk., 2 hose carts, 2 hand ex., 1 hand eng., 1,000 ft. hose; f. al., bell.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; 22 hyd.; mains, iron, 4 to 8 in. dia.;

pres., 100 lbs.; cost, \$25,000; wks. owned by village.

FRANKLINVILLE, Cattaraugus Co., p. 1,568; bldgs., stn., bk. & wd., 2 & 3 stor.; wd. rfa. perm. F. dept.—1 c. eng., 2 h. & 1 trk., 3 hose car., 1 hose tower, 2 hra.; hose, cot., rub. lined, gd., 2,600 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$112; exp. dept., \$200; tot. mem., 100 vol.; umdra. rating, second class.

Water Supply—Src., spr., 7 m. bus. cent.; sys., grav. to res. & dir.; res. cap., 750,000 gals.; 2 pump. eng., cap. day 1,200,000 gals.; mains, iron, 12 m., 4 to 8 in. dia.; 65 hyd.; 30 v.; 40 met.; 325 serv.; pipe, iron; pres., dom. 75 lbs., f. 95 lbs.; cons. day, 375,000 gals.; cost, \$44,000; cost mtce., \$1,500; wks. owned by village.

FREDONIA, p. 5,285; merc. bldgs., bk. & wd., 1½ to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfa. not perm.; combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 comb. c. & h. wag., 2 hose wag.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., elec., 6 bx.; val. equip., \$2,000; val. bldgs., \$20,000; tot. mem., 110 vol.

Water Supply—Src., creek, 2½ m. bus. cent.; sys., grav.; res. cap., 99,000,000 gals.; mains, iron, 10 m., 2 to 12 in. dia.; 104 hyd.; 20 v.; 1,400 serv.; pipe, iron; pres., dom. 90 lbs., f. 90 to 105 lbs.; cost, \$100,000; cost mtce., \$500; wks. owned by town.

FREEPORT, p. 4,336; f. area, 4½ sq. m.; merc. bldgs., bk. & wd., 1 to 3½ stor.; priv., bk., 2½ stor.; wd. rfa. perm.; causes of f. inv. F. dept.—1 str., 10 c. hand ex., 1 c. eng., 2 h. & 1 trk., 4 hose wag., 1 hose car., 1 extra trk. & hose wag.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 600 ft.; tot. hose, 4,600 ft.; f. al., bell & wh.; val. equip., \$12,000; val. bldgs., \$9,000; exp. dept., \$4,500; tot. mem., 297 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 293,760 gals., dim. 20 x 12½; 2 pump. eng. cap. day, 1,000,000 gals.; mains, c. i., 25 m., 4 to 12 in. dia.; 268 hyd.; 514 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 60 lbs.; cost, \$58,500; cost mtce., \$6,000; wks. owned by city.

FRIENDSHIP, p. 1,218; f. area, 1 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 4 c. hand ex., 4 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 200 ft.; tot. hose, 2,200 ft.; f. al., bell & wh., 3 bx.; val. equip., \$8,000; val. bldgs., \$5,000; exp. dept., \$1,800; tot. mem., 125 vol.

Water Supply—Src., spr. & wells, 2 m. bus. cent.; sys., grav., pump to res.; res. cap., 500,000 gals., loc. ½ m. village; pump. eng., class trip., cap. day 80,000 gals.; mains, c. i., 10 1-5 m., 4 to 10 in. dia.; 63 hyd.; 40 v.; met., 200; 225 serv.; pipe, galv. i.; pres., dom. 85 lbs., f. 85 lbs.; cost, \$32,500; cost mtce., \$500; wks. owned by Corp.

FULTON, p. 10,480; f. area, 2,560 a.; merc. bldgs., bk. & wd., 4 stor.; priv., bk. & wd., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 8 c. hand ex., 1 h. & 1 trk., 2 hose wag., 1 exercise wag., 4 hra.; hose, cot., rub. lined, gd., 5,800 ft.; f. al., Gamewell, 23 bx.; val. equip., \$12,500; val. bldgs., \$5,000; exp. dept., \$8,500; tot. mem., 25, pd. full time 9, pd. part time 16.

Water Supply—Src., spr.; sys., pump to stdp. & dir.; stdp. cap., 188,000 gals., dim. 20 x 80; 2 pump. eng., cap. day 4,500,000 gals.; mains, c. i., 24 m., 4 to 12 in. dia.; 179 hyd.; 2,109 serv.; cost, \$206,000; cost mtce., \$4,800; wks. owned by city.

FULTONVILLE, p. 812; f. area, 640 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 3 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., bell; exp. dept., \$60; tot. mem., 40 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 600,000 gals.; pump. eng.; mains, 7 m., 4 to 6 in. dia.; 33 hyd.; pres., dom. 80 lbs., f. 85 lbs.; wks. owned by Co.

GARDEN CITY, p. 581. F. dept.—1 h. & 1 trk., 2 hose carts, 2 hose car., 1,500 ft. hose; f. al., bell & wh.; tot. mem., 88 vol.

Water Supply—Sys., grav.; 140 hyd.; pres., 80 to 100 lbs.

GARDINER, p. 800; f. area, 500 a. F. dept.—1 hand eng.; val. equip., \$500; val. bldgs., \$1,500; tot. mem., 80 vol.

Water Supply—Not reported.

GEDDES, p. 884; f. area, 2,000 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 h. & l. trk., 8 hose reels, 1 supply cart; hose, rub. lined, gd., 6,000 ft.; inf., 300 ft.; tot. hose, 6,300 ft.; f. al., wh., 19 bx.; val. equip., \$8,000; val. bldgs., \$12,000; exp. dept., \$2,000; tot. mem., 90 vol.

Water Supply—Src., spr. & Otisco Lake, 15 m. bus. cent.; sys., pump to res.; res. cap., 5,500,000 gals.; 2 pump. eng., cap. day 1,800,000 gals.; mains, c. l., 13 m., 4 to 12 in. dia.; 151 hyd.; 120 v.; 950 met.; 950 serv.; pres., dom. & f., 95 to 125 lbs.; cons. day, 400,000 gals.; cost, \$125,000; cost mtce., \$3,000; wks. owned by city.

GENESE, p. 2,067; f. area, 600 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—4 c. hand ex., 1 h. & l. trk., 5 hose wag.; hose, cot., rub. lined, gd., 3,600 ft.; f. al., wh., 7 bx.; val. equip., \$8,000; val. bldgs., \$25,000; exp. dept., \$1,000; tot. mem., 150 vol.; undrs. rating, first class.

Water Supply—Src., lake, 5 m. bus. cent.; sys., pump to res.; 2 res. cap., 2,450,000 gals., loc. 2 m. east village; 2 pump. eng., class comp. dup., cap. day, 1,700,000 gals.; mains, c. l., 12.72 m., 4 to 12 in. dia.; 91 hyd.; 73 v.; met., 266; 558 serv.; pipe, iron & lead; pres., dom. 40 to 150 lbs., f. 40 to 150 lbs.; cons. day, 310,613 gals.; cost, \$108,828; cost mtce., \$5,529; wks. owned by village.

GENEVA, p. 12,446; f. area, 1,280 a.; merc. bldgs., bk., 2 to 6 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 comb. c. & h. wag., 1 c. eng., 8 c. hand ex., 2 h. & l. trk., 1 aer. trk., 1 hose wag., 8 hose car., 8 hrs.; hose, cot., rub. lined, gd., 11,000 ft.; rub., gd., 600 ft.; inf., 3,400 ft.; tot. hose, 15,000 ft.; f. al., Gamewell, 37 bx.; val. equip., \$85,000; val. bldgs., \$20,000; exp. dept., \$6,500; tot. mem., 225, pd. full time 3, pd. part time 14, vol. 208.

Water Supply—Src., lake, 2½ m. bus. cent.; sys., grav., pump to res.; 3 pump. eng., cap. day 7,800,000 gals.; mains, c. l., 36.84 m., 4 to 20 in. dia.; 287 hyd.; 419 v.; met., 3,000; 3,384 serv.; pipe, lead & iron; pres., dom. 65 lbs., f. 85 lbs.; cons. day, 1,000,000 gals.; cost, \$200,823; cost mtce., \$2,156; wks. owned by city.

GERMANTOWN, p. 1,800; f. area, 1 m.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk.; f. al., bell; val. equip., \$500; exp. dept., \$100; tot. mem., 26 vol.

No water works.

GLASCO; bldgs., wd. F. dept.—1 c. eng.; hose, 250 ft.; f. al., bell; tot. mem., 55 vol.

Water Supply—Not reported.

GLEN COVE, p. 6,500; f. area, 2,000 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 c. eng., 1 hand eng., 21 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$4,500; val. bldgs., \$5,000; exp. dept., \$1,200; tot. mem., 100 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 295,000 gals., dim. 20 x 120, mat. stl.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 11 m., 4 to 10 in. dia.; 49 v.; met., 25; 37 serv.; pipe, galv. l.; pres., dom. 60 to 70 lbs., f. 90 to 100 lbs.; cost, \$95,000; cost mtce., \$6,000; wks. owned by Co.

GLENS FALLS, Warren Co., p. 12,248; bldgs., bk., stn. & wd., 1½ to 4 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 comb. hose wag., 6 c. hand ex., 1 aer. trk., ex. lad., 1 supply wag., 1 hose wag., 1 in reserve, 2 hose & ladder sleighs, 6 hrs.; hose, cot., rub. lined, gd., 6,750 ft.; in reserve, 1,300 ft.; f. al., Gamewell, 48 bx.; val. equip., \$20,000; val. bldgs., \$12,000; exp. dept., \$15,708; tot. mem., 32, pd. full time 14, pd. part time 18; undrs. rating, third class.

Water Supply—Src., spr. & run off, 5 to 8 m. bus. cent.; sys., grav.; res. cap., 420,000,000 gals.; mains, 36.23 m., 4 to 16 in. dia.; 407 v.; 322 hyd.; 3,300 serv.; 14 met.; cons., 2,230,000 gals. day; pres., dom. 80 lbs., f. 85 to 100 lbs.; cost, \$450,000; cost mtce., \$2,000; wks. owned by city.

GLOVERSVILLE, p. 30,642; f. area, 2,200 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord. F. dept.—1 auto. with c. trk., 2 comb. c. & h. wag., 1 h. & l. trk., 8 c. hand ex., 1 aer. trk., 1 hose wag., 1 buggy, 9 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 500 ft.; tot. hose, 6,500 ft.; f. al., bell & wh., 48 bx.; val. equip., \$20,000; val. bldgs., \$37,500; exp. dept., \$18,000; tot. mem., 85, pd. full time 15, pd. part time 20.

Water Supply—Src., spr. & mountain strm., 3 to 7 m. cent. city; sys., grav.; res. cap., 168,500,000 gals.; mains, c. l., 38.74 m., 4 to 18 in. dia.; 346 hyd.; 462 v.; 3,630 met.; 3,877 serv.; pipe, galv. l. & lead; pres., dom. 40 to 85 lbs., f. 85 to 135 lbs.; cons. day, 2,000,000 gals.; cost, \$512,121; wks. owned by city.

GOSHEN, p. 3,081; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 c. eng., 1 hand eng., 4 c. hand ex., 1 auto. h. & l. trk., 1 comb. c. & h. wag., 4 hose carts; hose, cot., rub. lined, gd., 4,200 ft.; f. al., Gamewell, 11 bx. & wh.; val. equip., \$3,500; val. bldgs., \$8,000; exp. dept., \$600; tot. mem., 125 vol.

Water Supply—Src., watershed & dam, 1 m. bus. cent.; sys., grav.; res. cap., 240,000,000 gals., loc. in valley; mains, cem. & iron, 4 to 20 in. dia.; 76 hyd.; 24 v.; 700 serv.; pipe, lead; pres., dom. & f. 52 lbs.; cons. day, 380,000 gals.; wks. owned by village.

GOVERNEUR, p. 4,128; f. area, 500 a.; merc. bldgs., stn. & bk., 2 to 4 stor.; priv., wd., 1½ to 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 2 hose carts, 3 ex.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., elec., 15 bx.; val. equip., \$8,000; val. bldgs., \$5,000; exp. dept., \$500; tot. mem., 60 vol.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to stdps.; 3 stdps., cap., 894,000 gals., dim. 30 x 40, mat. stl.; 3 pump. eng., cap. day 4,500,000 gals.; mains, c. l., 15 m., 4 to 10 in. dia.; 104 hyd.; 100 v.; 850 serv.; pipe, galv. l.; pres., dom. 85 lbs., f. 100 lbs.; cons. day, 500,000 gals.; cost, \$70,000; cost mtce., \$5,000; wks. owned by city.

GOWANDA, p. 2,012; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 5 hose carts; hose, cot., rub. lined, gd., 5,000 ft.; inf., 200 ft.; tot. hose, 5,200 ft.; f. al., bell & elec., 15 bx.; val. equip., \$9,000; val. bldgs., \$2,500; exp. dept., \$400; tot. mem., 140 vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals., loc. on hill; mains, iron, 5½ m., 2 to 8 in. dia.; 24 hyd.; 50 v.; met., 20; 475 serv.; pipe, iron; pres., dom. & f., 74 lbs.; cost, \$30,000; cost mtce., \$500; wks. owned by Co.

GRANVILLE, p. 3,920; f. area, 1 sq. m.; merc. bldgs., wd. & bk., 4 stor.; priv., bk., stn. & wd., 2 to 4 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 25 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., elec., 17 bx.; val. equip., \$2,000; val. bldgs., \$6,500; tot. mem., 70 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to res. & dir.; pump. eng., cap. day 2,000,000 gals.; mains, c. l., 15 m., 4 to 8 in. dia.; 64 hyd.; pipe, wrt. l.; pres., dom. 70 lbs., f. 100 lbs.; cost, \$31,000; cost mtce., \$1,200; wks. owned by village.

GRASSY POINT, p. 900. No. f. dept. Water Supply—Src., supplied by Haverstraw; mains, iron, 1½ m., 4 to 8 in. dia.; 12 hyd.; pres., dom. 70 lbs., f. 120 lbs.

GREAT NECK, p. 3,000. F. dept.—1 hose reel, 1 hose wag., 1 h. & l. trk.; val. equip., \$6,300; val. bldgs., \$15,000; exp. dept., \$500; tot. mem., 65 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 16 pump. eng., cap. day, 27,000,000

gals.; mains, c. i., 188 m., 4 to 36 in. dia.; 15,000 met.; 15,000 serv.; pres., f. 30 to 80 lbs.; wks. owned by priv. Co.

GREEN ISLAND, p. 4,737. F. dept.—2 hose wag., c. ex., ladders, 1 str., 2 hrs.; vol.

Water Supply—Src., well, island in Hudson Riv.; sys., pump.; res. cap., 500,000 gals.; 3 pump. eng., cap. day 7,500,000 gal.; mains, c. i., 4 in. dia.; met., 300; serv., 300; pres., dom. 70 lbs.; cons. day, 1,000,000 gals.; wks. owned by Co.

GREENE, p. 1,275; f. area, 300 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 4 c. hand ex., 4 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; f. al., bell; val. equip., \$3,200; val. bldgs., \$10,000; tot. mem., 95 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav.; res. cap., 400,000 gals., loc. ¼ m. cent. town; 1 pump.; mains, iron, 10 m., 4 to 10 in. dia.; 38 hyd.; pipe, iron; pres., f. 80 lbs.; cost, \$40,000; wks. owned by village.

GREENPORT, Suffolk Co., p. 3,089; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 2 str., 1 hand eng., 4 c. hand ex., 1 c. eng., 1 hose wag., 5 hose car.; hose, rub., gd., 8,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell & wh.; val. equip., \$12,500; val. bldgs., \$3,000; exp. dept., \$850; tot. mem., 247 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 235,000 gals., dim. 20 x 100, mat. stl.; 2 pump. eng., class dup., cap. day, 1,000,000 gals.; mains, c. i., 7 1-5 m., 4 to 12 in. dia.; 54 hyd.; pres., dom. 40 lbs., f. 40 lbs.; cons. day, 70,500 gals.; cost, \$40,000; wks. owned by city.

GREENWICH, p. 2,314; bldgs., bk. & wd., 2 stor. F. dept.—2 hand eng., 1 h. & l. trk., 1 aer. trk., 4 hose car.; hose, cot., rub. lined, gd., 800 ft.; linen, gd., 1,000 ft.; rubber, gd., 600 ft.; inf., 1,000 ft.; tot. hose, 3,400 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$8,000; exp. dept., \$500; tot. mem., 120 vol.

Water Supply—Src., spr. & creek, 3 ½ m. bus. cent.; sys., grav.; res. cap., 2,850,000 gals.; mains, c. i., 11 m., 4 to 8 in. dia.; 50 hyd.; 20 v.; met., 12; pipe, galv. i.; pres., dom. 60 lbs., f. 125 lbs.; cost, \$55,000; cost mtce., \$1,500; wks. owned by Co.

GROTON, p. 1,260; f. area, 400 a.; merc. bldgs., bk. & wd., 1 ½ to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., sev. c. hand ex., 4 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., wh.; tot. mem., 90 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; mains, iron, 10 in. dia.; 48 hyd.; pres., dom. 80 lbs., f. 90 lbs.; cost, \$32,805; cost mtce., \$1,000; wks. owned by village.

HAMBURG, p. 2,184; f. area, 650 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., cem., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 1 supply wag., 3 hose carts; hose, cot., rub. lined, gd., 2,300 ft.; f. al., elec., 20 bx.; val. equip., \$3,000; val. bldgs., \$4,800; tot. mem., 60.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 192,000 gals., dim. 16 x 125, loc. south on Main st., mat. mal. i.; res. cap., 1-500,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 6 ½ m., 5 to 12 in. dia.; 41 hyd.; met., 3; 395 serv.; pipe, lead; pres., dom. 60 lbs., f. 100 lbs.; cost, \$65,000; cost mtce., \$4,600; wks. owned by Co.

HAMILTON, p. 1,639; f. area, 900 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd., bk., stn., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$5,000; exp. dept., \$200; tot. mem., 80 vol.

Water Supply—Src., spr. & lake, 1 ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 200,000 gals., dim. 30 x 40, loc. on hill, mat. rock; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 7 ½ m., 4 to 10 in. dia.; 75 hyd.; 54 v.; met.,

180; 238 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 175,000 gals.; cost, \$68,000; cost mtce., \$2,000; wks. owned by city.

HAMMONDSPORT, p. 1,254; f. area, 500 a.; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 2 hose wag.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 400 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; tot. mem., 100 vol.

Water Supply—Src., lake, ¼ m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 530,000 gals., dim. 60 x 25, loc. northwest village, mat. stl.; 2 pump. eng.; mains, iron, 4 ½ m., 4 to 8 in. dia.; 45 hyd.; 44 v.; 300 met.; 250 serv.; pipe, iron; pres., dom. 125 lbs., f. 125 lbs.; cost, \$25,000; wks. owned by city.

HANCOCK, p. 1,329; f. area, 500 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,850 ft.; inf., 500 ft.; tot. hose, 2,350 ft.; f. al., bell & wh., 11 bx.; val. bldgs., \$2,700; exp. dept., \$1,200; tot. mem., 120 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 7,000,000 gals.; 1 pump. eng.; mains, c. i., 7 ½ m., 4 to 8 in. dia.; 43 hyd.; 23 v.; pipe, galv. i.; pres., dom. & f., 60 to 90 lbs.; cost, \$56,000; wks. owned by priv. Co.

HARRISON, p. 2,500; f. area, 2,000 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 c. eng., 1 h. & l. trk., 1 hand eng., 4 c. hand ex., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,100 ft.; inf., 250 ft.; tot. hose, 1,350 ft.; f. al., bell; val. equip., \$3,050; val. bldgs., \$6,500; exp. dept., \$510; tot. mem., 56 vol.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump to res.; res. cap., 5,000 gals., loc. 40 ft. above level; 2 pump. eng., cap. day 2,500,000 gals.; mains, wtt. i. & c. i., 3 m., 6 to 12 in. dia.; 34 hyd.; 6 v.; met., 5; 30 serv.; pres., dom. 115 lbs., f. 115 lbs.; cons. day, 25,000 gals.; cost, \$11,000; cost mtce., \$1,000; wks. owned by Co.; water supplied by the Inter-Urban Water Co.

HARTWICK, p. 600; f. area, 500 a. F. dept.—1 hose cart, ladders, hooks, axes, 1,200 ft. hose; val. equip., \$100; tot. mem., 35 vol.

Water Supply—Src., spr.; sys., grav.; 2 pump. eng.; 20 hyd.; 1 m. mains; pres., dom. & f., 110 lbs.; wks. owned by priv. Co.

HASTINGS-ON-HUDSON, p. 4,552; f. area, ¼ m.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., stn. & wd., 3 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. hose trk., 5 hose carts; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$8,000; exp. dept., \$800; tot. mem., 125 vol.

Water Supply—Supplied from North Tarrytown by Consolidated Water Co.

HAVERSTRAW, p. 5,669; f. area, 1,600 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 aer. trk., 8 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 2,000 ft.; tot. hose, 3,000 ft.; f. al., wh.; val. equip., \$10,000; val. bldgs., \$15,000; exp. dept., \$1,000; tot. mem., 216 vol.; undra. rating, second class.

Water Supply—Src., spr. & brooks, 6 m. bus. cent.; sys., grav. & pump.; res. cap., 7,500,000 gals.; 2 pump. eng., class comp., cap. day 1,500,000 gals.; mains, c. i., 16 m., 4 to 10 in. dia.; 140 hyd.; met., 100; 985 serv.; pipe, galv. i.; pres., dom. 75 to 125 lbs., f. 75 to 125 lbs.; cons. day, 1,000,000 gals.; cost mtce., \$20,000; wks. owned by Co.

HEMPSTEAD, p. 4,964; f. area, 1 ½ m.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 1 ½ to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 9 c. hand ex., 1 h. & l. trk., 4 hose wag., 1 hose reel, 3 hrs.; hose, cot., rub. lined, gd., 500 ft.; inf., 2,000 ft.; tot. hose, 2,500 ft.; f. al., Game-well, 16 bx.; val. equip., \$12,000; val. bldgs., \$34,000; exp. dept., \$3,500; tot. mem., 250 vol.; undra. rating, first class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 294,525 gals.; dim. 20 x 125, loc. at Freeport, mat. stl.; 2 pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. l. 15 m., 4 to 12 in. dia.; 132 hyd.; 45 v.; met., 45; 468 serv.; pipe, galv. i.; pres., dom. 54 lbs.; f. 54 lbs.; cost, \$58,500; cost mtce., \$5,800; wks. owned by village.

HERKIMER, p. 7,520; f. area, 1,280 a.; merc. bldgs., bk., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 comb. auto. c. & h. trk., 2 c. hand ex., 4 hose cart.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell, 15 bx.; tot. mem., 125, pd. full time 2, vol. 128.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 530,000 gals.; dim. 25 x 60, mat. stl.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, c. l., 14 $\frac{1}{2}$ m., 4 to 8 in. dia.; 118 hyd.; 84 v.; met., 71; 1,284 serv.; pipe, galv. i.; pres., dom. 85 lbs.; f. 85 lbs.; cost, \$82,959; cost mtce., \$6,607; wks. owned by city.

HICKSVILLE, p. 2,000; f. area, 640 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 1 str., 1 hand eng., 1 h. & l. trk., 1 hose-wag., 2 hose car.; hose, cot., rub. lined, 1,450 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$550; tot. mem., 80 vol.

Water Supply—Nassau County Water Co.

HIGHLAND, p. 1,570; f. area, 960 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bells; tot. mem., 35 vol.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 10,000,000 gals.; loc. on mountain; mains, c. l., 6 m., 4 to 8 in. dia.; 41 hyd.; 20 v.; met., 75; 120 serv.; pipe, galv. i.; pres., dom. 100 lbs.; f. 100 lbs.; cost, \$39,000; cost mtce., \$150; wks. owned by Co.

HIGHLAND FALLS, p. 2,470; f. area, 1,200 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 $\frac{1}{2}$ stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$400; exp. dept., \$200; tot. mem., 85 vol.

Water Supply—Src., lake, 4 m. bus. cent.; sys., grav.; res. cap., 5,000,000 gals.; mains, c. l., 3 m., 4 to 10 in. dia.; 48 hyd.; 16 v.; 220 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 107 lbs.; cons. day, 70,000 gals.; cost, \$75,000; wks. owned by Co.

HIGHLAND MILLS, p. 500. F. dept.—1 hose cart, 1,000 ft. hose; 30 vol.

Water Supply—Sys., grav.; 18 hyd.; pres., 110 lbs.

HILTON, p. 627. F. dept.—1 gas. eng., 2 hand eng., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell & wh.; val. equip., \$2,800; tot. mem., 66 vol.

Water Supply—Not reported.

HOLLAND, p. 800; f. area, 100 a.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—hose cart, ladder trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$600; val. bldgs., \$2,000; tot. mem., 40 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; 1 pump. eng., cap. 38,400 gals.; mains, 3 m., 4 to 10 in. dia.; 18 hyd.; 100 serv.; pres., dom. 60 lbs.; f. 60 to 80 lbs.; cost, \$10,000; cost mtce., \$500; wks. owned by priv. Co.

HOLLEY, p. 1,679; f. area, 500 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—12 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; fair, 350 ft.; tot. hose, 2,350 ft.; f. al., wh.; tot. mem., 70 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 250,000 gals.; dim. 20 x 75, mat. iron; 3 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 88 hyd.; met., 184; 380 serv.; pipe, galv. i.; pres., maximum 60 lbs.; cons. day, 50,000 to 100,000 gals.; wks. owned by Co.

HOMER, p. 2,695; f. area, 2,000 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 4

hose carts; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 500 ft.; inf., 1,000 ft.; tot. hose, 2,500 ft.; f. al., Gamewell; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 150 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 184,496 gals.; dim. 24 x 40, mat. iron; 3 pump. eng., cap. day 1,000,000 gals.; mains, iron, 8 m., 4 to 8 in. dia.; 55 hyd.; 30 v.; met., 70; 360 serv.; pipe, iron; pres., dom. 90 lbs.; f. 110 lbs.; cons. day, 150,000 gals.; cost, \$50,000; wks. owned by village.

HONEYE FALLS, p. 1,169; f. area, 1,500 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 str., 8 c. hand ex., 1 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 400 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$250; tot. mem., 115 vol.

Water Supply—Src., wells, 1,000 ft. bus. cent.; sys., pump to res.; res. cap., 126,000 gals.; 2 pump. eng., cap. day 48,000 gals.; mains, 6 m., 4 to 8 in. dia.; 55 hyd.; 33 v.; 82 met.; 82 serv.; pres., dom. & f., 58 lbs.; cons. day, 8,000 gals.; cost, \$40,000; wks. owned by city.

HOOSICK FALLS, p. 5,532; merc. bldgs., bk., 3 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 str., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$2,000; tot. mem., 130 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 328,000 gals.; dim. 40 x 36, loc. on hill east village, mat. iron; 3 pump. eng., cap. day 3,744,000 gals.; mains, cem. & c. l., 8 m., 4 to 12 in. dia.; 98 hyd.; 941 serv.; pipe, galv. i.; pres., dom. 100 lbs.; f. 100 lbs.

HORNELL, p. 14,000; f. area, 1,675 a.; merc. bldgs., bk., 3 & 4 stor.; priv., bk. & wd., 2 $\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 aer. trk., 6 c. hand ex., 1 comb. c. & h. wag., 1 hose wag., 1 hose & turret wag., 6 hrs.; hose, cot., rub. lined, 6,000 ft.; f. al., Gamewell & Utica, 84 bx.; val. equip., \$20,000; val. bldgs., \$35,000; exp. dept., \$10,000; tot. mem., 142, pd. full time 7, pd. part time 15, vol. 120.

Water Supply—Src., wells, 1,000 ft. bus. cent.; sys., pump to res.; res. cap., 126,000 gals.; 2 pump. eng., cap. day 48,000 gals.; mains, 6 m., 4 to 8 in. dia.; 55 hyd.; 33 v.; 82 met.; 82 serv.; pres., dom. & f., 58 lbs.; cons. day, 8,000 gals.; cost, \$40,000; wks. owned by city.

HORSEHEADS, p. 1,778; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$10,000; exp. dept., \$600; tot. mem., 100 vol.

Water Supply—Src., wells & cisterna.

HUDSON, p. 11,417; f. area, 1,000 a.; merc. bldgs., bk., wd. & marble, 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 8 c. hand ex., 1 hose wag., 5 hose car.; hose, cot., rub. lined, gd., 6,500 ft.; inf., 150 ft.; tot. hose, 6,650 ft.; f. al., bell & wh., 84 bx.; val. equip., \$9,950; val. bldgs., \$30,800; exp. dept., \$3,500; tot. mem., 283 vol.

Water Supply—Src., creek, 18 m. bus. cent.; sys., grav., pump to res.; res. cap., 85,000,000 gals., loc. near Churchtown, N. Y.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 29.42 m., 4 to 18 in. dia.; 200 hyd.; 156 v.; 175 met.; 1,650 serv.; pipe, lead & iron; pres., dom. 75 to 90 lbs.; f. 75 to 130 lbs.; cons. day, 2,000,000 gals.; cost, \$270,000; cost mtce., \$2,000; wks. owned by city.

HUDSON FALLS, p. 6,000. F. dept.—1 str., 1 comb. c. & h. wag., 4 hand ex., 4 hose carts, 3 hrs., 3,000 ft. hose; f. al., bell; val. equip., \$25,000; val. bldgs., \$4,000; exp. dept., \$3,000; tot. mem., 80 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump; mains, 10 in. dia.; 95 hyd.; pres., dom. 70 lbs.; wks. owned by priv. Co.

HUME, p. 400; f. area, 60 a.; wd. rfs. perm. in f.

area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; vol.

Water Supply—Src., wells, cisterns & creek.

HUNTER, p. 2,699. F. dept.—2 hose carts, 1 hose car, 1,000 ft. hose; f. al., bell; tot. mem., 42 vol.

Water Supply—Sya., grav.; 28 hyd.

HUNTINGTON, p. 3,500; f. area, 600 a.; merc. bldgs., bk. & wd., 1½ to 3 stor.; priv., bk. & wd., 2½ stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 auto. h. & l. trk., 1 auto. hose wag., 1 gasoline eng., 1 h. & l. trk., 4 c. hand ex., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; rub. gd., 300 ft.; inf., 300 ft.; tot. hose, 3,600 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$12,500; exp. dept., \$720; tot. mem., 165 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res. & stdp., stdp. cap., 50,000 gals.; res. cap., 250,000 gals.; 3 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 25 m., 4 to 8 in. dia.; 102 hyd.; 100 v.; 998 met.; 998 serv.; pipe, galv. i.; pres., dom. & f. 25 to 75 lbs.; cons. day, 400,000 gals.; cost, \$168,024; cost mtce., \$17,329; wks. owned by Co.

HYDE PARK, p. 2,900; f. area, 750 a.; merc. bldgs., stn., bk. & wd., 1½ to 4 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 str., 1 hand eng., 4 c. hand ex., 1 hose wag.; hose, rub. all kinds, 2,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$500; exp. dept., \$2,500; tot. mem., 120 vol.

Water Supply—10 cisterns.

ILION, p. 6,588; f. area, 1,920 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 2 c. hand ex., 5 hose wag., 5 hose carts; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., wh.; val. equip., \$6,000; val. bldgs., \$15,000; exp. dept., \$1,000; tot. mem., 100 vol.

Water Supply—Src., creek, 2½ m. bus. cent.; sys., grav.; res. cap., 81,000,000 gals., loc. 1½ & 2½ m. town; mains, 18 m., 4 to 16 in. dia.; 132 hyd.; 225 v.; met., 41; 2,092 serv.; pipe, lead; pres., dom. & f., 100 lbs.; cons. day, 750,000 gals.; cost, \$234,780; cost mtce., \$3,000; wks. owned by city.

INWOOD, p. 2,500; f. area, 1,280 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. perm. to no fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 1 hose car; hose, cot., rub. lined, gd., 950 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$1,500; exp. dept., \$75; tot. mem., 90 vol.

Water Supply—Deep wells. (See Far Rockaway.)

IRVINGTON, p. 2,319; f. area, 900 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2½ stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 h. & l. trk., 10 c. hand ex., 2 hose car; hose, cot., rub. lined, gd., 2,500 ft.; inf., 1,000 ft.; tot. hose, 3,500 ft.; f. al., wh.; val. equip., \$9,000; exp. dept., \$1,000; tot. mem., 75 vol.

Water Supply—Src., spr. & strum., 1 m. bus. cent.; sys., pump to res.; res. cap., 61,500,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. i., 9 m., 4 to 12 in. dia.; 70 hyd.; 40 v.; met., 400; 400 serv.; pipe, lead & galv. i.; pres., dom. 120 to 160 lbs., f. 160 lbs.; cost, \$160,000; cost mtce., \$3,000; wks. owned by city.

ISLIP, p. 1,800; f. area, 2,500 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. ris. perm. F. dept.—1 c. eng., 2 h. & l. trk., 2 hose car., 1 hose cart; hose, gd., 3,500 ft.; f. al., bell; exp. dept., \$800; tot. mem., 80 vol.

Water Supply—Src., driven wells; sys., pump to atdp.; stdp. cap., 35,200 gals.; 2 pump. eng.; mains, 7 m.; 62 hyd.; cons. day, 1,500,000 gals.; wks. owned by Co.

ITHACA, p. 14,802; f. area, 2,800 a.; merc. bldgs., bk., 2 to 5 stor.; priv., wd., bk. & cen., 2½ to 3 stor.; wd. ris. not perm. in f. area; combt. ord. F. dept.—2 str., 1 aer. trk., 1 h. & l. trk., 4 comb. c. & h. wag., 1 auto. h. wag., 8 c. hand ex., 1 hose wag., 12 hrs.; hose, cot., rub. lined, gd., 6,250 ft.; rub. gd., 400 ft.; inf., 700 ft.; tot. hose, 9,150 ft.; f. al., bell, wh. & elec., 86 bx;

val. equip., \$40,000; val. bldgs., \$85,000; exp. dept., \$10,183.94; tot. mem., 486, pd. full time 8, pd. part time 7, 471 vol.

Water Supply—Src., artesian deep wells & shallow wells, spr., 1 m. bus. cent.; sys., pump to res. & dir.; stdp. cap., 600,000 gals., mat. iron; res. cap., 2,400,000 gals.; 6 pump. eng., cap. day 10,000,000 gals.; mains, 48.19 m., 4 to 20 in., c. & wrt. i.; 253 hyd.; 619 v.; met., 1,006; 2,681 serv.; pipe, lead, galv. i.; pres., dom. 60 to 140 lbs., f. 140 to 200 lbs.; cons. day, 1,800,000 gals.; cost, \$345,159; wks. owned by city.

JAMAICA (Greater New York), p. 12,850; f. area, 3,400 a.; merc. bldgs., stn., bk. & wd., 2½ to 5 stor.; priv., stn., bk. & wd., 2½ stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 h. & l. trk., 16 c. hand ex., 6 hose wag., 22 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; rub. gd., 500 ft.; inf., 500 ft.; tot. hose, 5,000 ft.; f. al., bell, wh. & elec., 44 bx.; val. equip., \$10,000; val. bldgs., \$22,000; exp. dept., \$20,000; tot. mem., 302 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 500,000 gals.; pump. eng., cap. day 6,500,000 gals.; mains, 76 m., 4 to 12 in. dia.; 663 hyd.; 70 v.; met., 10; pres., dom. 55 lbs., f. 55 lbs.; cost, \$660,000; wks. owned by Co.

JAMESTOWN, p. 31,297; f. area, 10 sq. m.; merc. bldgs., bk., 3 to 6 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area. F. dept.—2 str., 2 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 12 c. hand ex., 1 aer. trk., 2 h. & l. trk., 2 hose wag., 1 hose reel, 20 hrs.; hose, cot., rub. lined, gd., 9,000 ft.; f. al., bell, 60 bx.; val. equip., \$61,450; val. bldgs., \$56,000; exp. dept., \$42,000; tot. mem., 57, pd. full time 37, vol. 20.

Water Supply—Src., wells, 4 m. bus. cent.; sys., pump. dir.; res. cap., 500,000 gals.; 5 pump. eng., class comp. dup., cap. day 20,422,000 gals.; mains, c. i., 81 m., 2 to 18 in. dia.; 432 hyd.; 390 v.; 5,800 met.; 7,200 serv.; pipe, galv. i.; pres., dom. 50 to 112 lbs., f. 160 lbs.; cons. day, 2,062,000 gals.; cost mtce., \$27,000; wks. owned by city.

JEFFERSONVILLE, p. 670. F. dept.—1 h. & l. trk., 1 hand eng., 3 hose car., 1,250 ft. hose; f. al., bell; tot. mem., 50 vol.

Water Supply—Sya., grav.; 90 lbs. pres.

JOHNSTOWN, p. 10,447; f. area, 2,206 a.; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 7 c. hand ex., 1 hose wag., 4 hose carts, 4 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., bell & wh., 82 bx.; val. equip., \$12,000; val. bldgs., \$11,000; tot. mem., 93, pd. full time 3, vol. 90.

Water Supply—Src., spr. & strum., 4 m. bus. cent.; sys., grav.; res. cap., 13,250,000 gals.; mains, c. i., 36 m., 4 to 16 in. dia.; 188 hyd.; 324 v.; met., 221; 2,186 serv.; pipe, iron; pres., dom. 85 to 150 lbs., f. 85 to 150 lbs.; cons. day, 1,500,000 gals.; cost, \$205,000; cost mtce., \$8,000; wks. owned by city.

JORDAN, p. 978; f. area, 640 a.; merc. bldgs., bk., 3 stor.; priv., wd. & bk., 2 stor.; wd. ris. not perm.; no fwks. & combt. ord. F. dept.—1 str., 3 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$7,000; exp. dept., \$1,200; tot. mem., 46 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 1,600,000 gals.; mains, c. i., cem., 4 m., 4 to 8 in. dia.; 35 hyd.; 15 v.; 105 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 60 lbs.; cost, \$22,000; wks. owned by Co.

KATONAH, p. 1,000. F. dept.—1 h. & l. trk., 3 hose carts, 2 hand ex., 1 hand eng., 1,500 ft. hose; f. al., bell; tot. mem., 80 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; 2 pump. eng.; mains, c. i., 2 to 4 in. dia.; 18 hyd.; 130 serv.; wks. owned by priv. Co.

KEESVILLE, p. 1,335; f. area, 640 a.; bldgs., wd., bk. & stn., 2 & 3 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—3 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$1,650; val. bldgs., \$2,000; exp. dept., \$300; tot. mem., 64 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 210,000 gals.; mains, c. i., 6 m., 2 to 10 in. dia.; 51 hyd.; 80 v.; 175 serv.; 36 met.; pipe, galv. i.; pres., dom. 80 lbs., f. 100 lbs.; cost, \$60,000; cost mtce., \$1,800; wks. owned by city.

KINDERHOOK, p. 698; f. area, 800 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 str., 1 hand eng., 2 c. hand ex., 3 carts; hose, cot., rub. lined, gd., 1,700 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$3,000; exp. dept., \$375; tot. mem., 50 vol. Water Supply—Src., cisterna, wells, res. & stdp.

KINGSTON, p. 25,908; f. area, 9,600 a.; merc. bldgs., bk., 2 to 6 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 2 h. & l. trk., 10 hose car., 2 hose wag., 10 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; inf., 1,000 ft.; tot. hose, 9,000 ft.; f. al., Gamewell, 65 bx.; val. equip., \$27,000; val. bldgs., \$40,000; tot. mem., 801, pd. full time 14, vol. 287.

Water Supply—Src., mountain str., 7 m. bus. cent.; sys., grav.; mains, c. i., 72 m., 4 to 20 in. dia.; 479 hyd.; 124 met.; 5,254 serv.; pipe, lead; pres., dom. 80 to 125 lbs., f. 80 to 125 lbs.; cons. day, 4,125,000 gals.; cost, \$872,705; cost mtee., \$19,000; wks. owned by city.

LACKAWANNA CITY, p. 14,549; f. area, 2,400 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 ser. trk., 1 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 2 hose car., 2 hose car., 3 hrs.; hose, cot., rub. lined, gd., 5,400 ft.; f. al., Gamewell, 23 bx.; val. equip., \$11,500; val. bldgs., \$20,500; exp. dept., \$15,500; tot. mem., 93, pd. full time 6, pd. part time 90; 3 vol. Cos., receiving \$200 a year each.

LAKE PLACID, p. 1,682. F. dept.—1 h. & l. trk., 4 hose carts, 6 hand ex., 5,000 ft. hose; f. al., bell; tot. mem., 105 vol.

Water Supply—Src., Lake Placid, 1 m. bus. cent.; sys., dir. pres.; res. cap., 5,250,000 gals.; 2 pump. eng., cap. day, 2,304,000 gals.; mains, 2 m., 2 to 12 in. dia.; 40 hyd.; pres., dom. & f. 60 to 150 lbs.; cons. day, 576,000 gals.; cost, \$127,000; wks. owned by village.

LANCASTER, p. 4,364; f. area, 1,200 a.; merc. bldgs., bk., stn. & wd., 2 to 3 stor.; priv., bk., stn. & wd., 2 to 2½ stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 800 c. hand ex., 1 h. & l. trk., 1 ser. trk., 4 hose wag., 1 hose reel, 8 hrs., 1 hose sleigh in reserve; hose, rub. lined, gd., 10,000 ft.; inf., 300 ft.; tot. hose, 10,300 ft.; f. al., bell, wh. & tel., 13 bx.; val. equip., \$25,000; val. bldgs., \$70,000; exp. dept., \$1,400; tot. mem., 108, pd. part time 80, 28 vol.

Water Supply—Src., lake, 10 m. bus. cent.; sys., pump to res. & dir.; res. cap., 600,000 gals.; pump. eng., cap. day, 1,000,000 gals.; mains, 18 m., 4 to 12 in. dia.; 105 hyd.; 250 v.; met., 905; 700 serv.; pres., dom. 100 lbs., f. 110 lbs.; cons. day, 300,000 gals.; cost, \$80,000; cost mtee., \$3,000; wks. owned by village.

LARCHMONT, p. 1,958; f. area, 20 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 2 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 2 hose wag., 3 hose reels, 9 hrs.; hose, cot., rub. lined, gd., 3,600 ft.; rub. gd., 600 ft.; inf., 1,000 ft.; tot. hose, 5,200 ft.; f. al., Gamewell, val. equip., \$25,000; val. bldgs., \$15,000; exp. dept., \$6,500; tot. mem., 300, pd. full time 6, pd. part time 1, 293 vol.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., grav.; res. cap., 110,000,000 gals.; mains, c. i., 10½ m., 4 to 12 in. dia.; 55 hyd.; 85 v.; met., 280; 128 serv.; pres., f. 25 to 47 lbs.; cost, \$150,000; cost mtee., \$1,400; wks. owned by Co.

LAWRENCE, p. 5,000; f. area, 900 a. F. dept.—1 str., hose, hooks & ladders; val. equip., \$10,000; tot. mem., 120 vol.

Water Supply—Src., Queens Co. Water Co.

LEROT, p. 2,771; f. area, 1,050 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 c. eng., 1 h. & l. trk., 3 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 2,200 ft.; inf., 250 ft.; tot. hose, 2,450 ft.; f. al., bell & wh., 12 bx.; val. equip., \$12,000; val. bldgs., \$7,000; exp. dept., \$2,000; tot. mem., 90 vol.

Water Supply—Src., spr., & wells, 1½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 235,

000 gals., dim. 20 x 100; 3 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 12½ m., 4 to 10 in. dia.; 111 hyd.; met., 210; 476 serv.; pipe, galv. l.; pres., dom. 50 to 80 lbs., f. 60 to 80 lbs.; cost, \$56,000; wks. owned by city.

LESTERSHIRE, p. 3,775; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 1 to 4 stor.; priv., bk., stn. & wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 str., 1 comb. c. & h. wag., 4 c. hand ex., 1 hose wag.; hose, rub. lined, gd., 2,200 ft.; inf., 500 ft.; tot. hose, 2,700 ft.; f. al., Gamewell, 16 bx.; val. equip., \$15,000; val. bldgs., \$30,000; exp. dept., \$500; tot. mem., 153, pd. full time 2, pd. part time 1, 150 vol.

Water Supply—Src., wells, 500 ft. bus. cent.; sys., pump dir.; res. cap., 1,000,000 gals., loc. north village; 3 pump. eng., class trip. & dup.; cap. day, 1,500,000 gals.; mains, c. i., 10 m., 4 to 12 in. dia.; 63 hyd.; met., 850; 850 serv.; pipe, galv. & wrt. l.; pres., dom. 80 lbs., f. 80 lbs.; cost day, 750,000 gals.; cost mtee., \$12,000; wks. owned by village.

LIBERTY, p. 2,072; f. area, 600 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & hose wag., 3 auto. hose trk., 1 h. & l. trk., 3 hose sleighs, 4 hose carts; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., wh.; val. equip., \$8,300; val. bldgs., \$6,000; exp. dept., \$1,000; tot. mem., 125 vol.

Water Supply—Src., lake & str., 2 m. bus. cent.; sys., pump to res.; res. cap., 6,000,000 gals.; pump. eng., cap. day, 600,000 gals.; mains, 6 m., 4 to 8 in. dia.; 40 hyd.; 375 met.; 550 serv.; pres., f. 125 lbs.; wks. owned by village.

LIMA, p. 866; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip. & bldgs., \$4,000; tot. mem., 30 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to res. & dir.; res. cap., 253,500 gals., loc. 800 ft. spr.; 1 pump. eng., cap. day 100,000 gals.; mains, iron, 7 m., 4 to 8 in. dia.; 46 hyd.; 49 v.; 36 met.; 210 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 60 to 80 lbs.; cons. day, 85,000 gals.; cost, \$23,000; wks. owned by city.

LINDENHURST, p. 1,840; f. area, 4 sq. m.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; causes of f. inv. F. dept.—1 gasoline eng., 1 hand eng., 4 c. hand ex., 2 h. & l. trk., 1 comb. c. & h. wag. with 2 c. tk., 1 supply wag.; hose, cot., rub. lined, gd., 2,100 ft.; f. al., 3 bells & horns; val. equip., \$5,500; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 170 vol.

Water Supply—Src., artesian wells.

LITTLE FALLS, p. 12,272; f. area, 2,011 a.; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 5 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 20 bx.; exp. dept., \$9,000; tot. mem., 21, pd. full time 5, pd. part time 14.

Water Supply—Src., creeks, 11 m. bus. cent.; sys., grav.; res. cap., 25,000,000 gals.; mains, c. i., 20 m., 4 to 14 in. dia.; 166 hyd.; 510 v.; 334 met.; 2,102 serv.; pipe, lead; pres., 40 lbs. to 135 lbs.; cons. day, 3,000,000 gals.; cost, \$446,000; cost mtee., \$20,000; wks. owned by city.

LITTLE VALLEY, p. 1,368; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., bell; tot. mem., 70 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 106,000 gals.; mains, iron, 4 m., 4 to 6 in. dia.; 19 hyd.; 310 serv.; pipe, galv. l.; pres., f. 90 lbs.; cost, \$16,500; cost mtee., \$200; wks. owned by Co.

LIVERPOOL, p. 1,388; merc. bldgs., bk. & wd., 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—40 buckets, 120 c. hand ex., 3 c. eng., 1 auto. c. eng., 1 h. & l. trk.; 250 ft. hose; f. al., Gamewell, 6 bx.; val. equip., \$2,500; val. bldgs., \$2,500; exp. dept., \$200; tot. mem., 33 vol.

Water Supply—Src., wells & cisterna.

LOCKPORT, p. 20,000; f. area, 3,200 a.; merc. bldgs. bk. & wd., 2 to 6 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 8 c. hand ex., 1 h. & 1 trk., 1 aer. trk., 5 hose wag., 5 hose car., 11 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 1,000 ft.; tot. hose, 6,000 ft.; f. al., Gamewell, 51 bx.; val. equip., \$50,000; val. bldgs., \$30,000; exp. dept., \$20,000; tot. mem., 176, pd. full time 14, vol. 161.

Water Supply—Src., Niagara Riv.; sys., pump dir.; 3 pump. eng., class centrif., cap. day 21,000,000 gals.; mains, c. i., 35 m., 6 to 24 in. dia.; 468 hyd.; 835 v.; met., 800; 3,200 serv.; pipe, wrt. i.; pres., dom. 65 lbs., f. 100 lbs.; cons. day, 5,000,000 gals.; cost, \$700,000; cost mtce., \$25,000; wks. owned by city.

LONG ISLAND CITY (Greater New York), f. area, 5,120 a.; merc. bldgs., iron, bk. & wd., 3 & 4 stor.; priv., stn., bk. & wd., 3 & 4 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 str., 24 c. hand ex., 1 h. & 1 trk., 2 aer. trk., 1 f. boat, 6 hose car., 35 hrs.; hose, rub. gd., 7,000 ft.; f. al., Gamewell, 48 bx.; val. equip., \$75,000; val. bldgs., \$100,000; exp. dept., \$205,000; tot. mem., 128, pd. full time.

Water Supply—Src., wells; sys., pump dir.; 4 pump. eng., cap. day 9,000,000 gals.; mains, c. i., 80 m., 6 to 30 in. dia.; 1,220 hyd.; 7,200 met.; 16,000 serv.; pres., dom. 60 lbs., f. 80 lbs.; cost, \$700,000; cost mtce., \$40,000; wks. owned by N. Y. City.

LOWVILLE, p. 2,940; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 10 c. hand ex., 1 c. tk., 4 hose car., 1 hose wag.; hose, cot., rub. lined, gd., 3,250 ft.; in reserve, 1,000 ft.; tot. hose, 4,250 ft.; f. al., bell & telp.; val. equip., \$6,200; val. bldgs., \$6,000; exp. dept., \$500; tot. mem., 62 vol.

Water Supply—Src., spr., 10 m. bus. cent.; sys., grav.; res. cap., 2,090,000 gals., loc. ½ m. north village; mains, c. i., 23 m., 4 to 16 in. dia.; 110 hyd.; 162 v.; met., 805; 897 serv.; pipe, galv. i.; cost, \$111,335; cost mtce., \$2,000; wks. owned by city.

LYNBROOK, p. 1,800; f. area, 1 sq. m. F. dept.—8 c. hand ex., 1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., wh.; exp. dept., \$2,500; tot. mem., 210 vol.

LYONS, p. 4,460; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 str., 2 c. eng., 8 c. hand ex., 2 h. & 1 trk., 1 hose wag., 7 hose car.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 1,000 ft.; tot. hose, 7,000 ft.; f. al., bell; val. equip., \$15,000; val. bldgs., \$10,000; exp. dept., \$2,500; tot. mem., 228, pd. full time 3, pd. part time 14, vol. 211; undra. rating, first class.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 117,500 gals., dim. 20 x 50; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 9½ m., 2 to 10 in. dia.; 59 hyd.; 58 v.; met., 20; 560 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 100 lbs.; cons. day, 181,000 gals.; wks. owned by Co.

MACHIAS, p. 200; f. area, 400 a. No org. f. dept.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; mains, 5 m.; 22 hyd.; pres., dom. & f. 70 lbs.; cost, \$18,000; wks. owned by priv. Co.

MALONE, p. 6,467; f. area, 750 a.; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 sleigh, 1 c. eng., 4 c. hand ex., 1 h. & 1 trk., 2 hose wag., 1 hose car., 6 hrs.; hose, rub. gd., 4,500 ft.; f. al., Gamewell, 27 bx.; val. equip., \$7,500; val. bldgs., \$4,000; exp. dept., \$1,500; tot. mem., 60.

Water Supply—Src., spr., 8 m. bus. cent.; sys., grav. to res.; res. cap., 2,000,000 gals., loc. 1 m. cent. city; mains, c. i., 33½ m., 4 to 12 in. dia.; 100 hyd.; 893 v.; met., 2; 1,886 serv.; pipe, iron & lead; pres., dom. 93 lbs., f. 93 lbs.; cost, \$150,000; wks. owned by Co.

MAMARONECK, p. 5,699; merc. bldgs., bk. & wd., 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 str., 4 c. hand ex., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., wh., 12 bx.; tot. mem., 176 vol.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day 4,600,000 gals.; mains, 40 m., 4 to 16 in. dia.; 106 hyd.; 15 v.; 800 met.; pres., dom. & f. 60 to 150 lbs.; cost, \$65,000; cost mtce., \$2,500; wks. owned by Co.

MANLIUS, p. 1,314; f. area, 500 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 c. hand ex., 1 h. & 1 trk., 3 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 150 ft.; tot. hose, 1,650 ft.; f. al., bell; val. equip., \$1,700; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 45 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; mains, c. i., 6 m., 4 to 12 in. dia.; 24 hyd.; 27 v.; met., 101; 100 serv.; pres., dom. & f. 100 lbs.; cost, \$25,000; wks. owned by city.

MARATHON, p. 1,079; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area. F. dept.—2 str., 1 c. eng., 1 hand eng., 3 hose carts; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$4,000; tot. mem., 55 vol.

Water Supply—Src., spr., 4½ m. bus. cent.; sys., grav.; res. cap., 600,000 gals., loc. at East Hill; mains, c. i., 7 m., 4 to 10 in. dia.; 55 hyd.; met., 55; 280 serv.; pres., dom. 85 lbs., f. 85 lbs.; cost, \$35,000; cost mtce., \$350; wks. owned by village.

MARCELLUS, p. 2,826. F. dept.—1 h. & 1 trk., 1 hose cart, 2 hand ex., 1 c. eng., 1,200 ft. hose; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., pond, 3 m. bus. cent.; sys., grav.; mains, iron, 6 m., 4 to 10 in. dia.; 32 hyd.; 2 v.; pipe, galv. i.; pres., dom. 90 lbs., f. 140 lbs.; cost, \$32,000; cost mtce., \$200; wks. owned by city.

MARGARETVILLE, p. 669. F. dept.—1 h. & 1 trk., 2 hose carts, 1,200 ft. hose; f. al., bell; tot. mem., 44 vol.

Water Supply—Sys., grav.; pres., 70 lbs.

MARLBOROUGH, p. 920; f. area, 100 a. F. dept.—1 hose cart, 1 h. & 1 trk., 1,000 ft. hose; val. equip., \$2,000; exp. dept., \$225; tot. mem., 40 vol.

Water Supply—Src., res.; 55 hyd.; mains, 5 m.; pres., dom. 190 lbs., f. 190 lbs.; cost, \$45,000; wks. owned by village.

MASSENA, p. 2,951; f. area, 25 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hand eng., 1 priv. eng., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. bldgs., \$500; exp. dept., \$100; tot. mem., 40 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; stdp. cap., 200,000 gals.; 2 pump. eng., class trip., cap. day 1,422,400 gals.; mains, c. i., 10 m., 4 to 8 in. dia.; 74 hyd.; 40 v.; met., 10; 500 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$30,000; cost mtce., \$2,700; wks. owned by Co.

MATTEAWAN, p. 6,727; f. area, 2,560 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. eng. & h. wag., 1 auto. comb. c. & h. wag., 18 c. hand ex., 1 h. & 1 trk., 2 hrs.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., wh.; val. equip., \$12,000; val. bldgs., \$25,000; exp. dept., \$2,000; tot. mem., 200 vol.

Water Supply—Src., mountain str., 2 m. bus. cent.; sys., grav.; res. cap., 125,000,000 gals.; loc. at Melzingale creek, Beacon hill; pump. eng., cap. day, 750,000 gals.; mains, c. i., 30 m., 4 to 12 in. dia.; 150 hyd.; 100 v.; met., 1,400; 600 serv.; pipe, galv. i.; pres., dom. 90 to 110 lbs., f. 90 to 128 lbs.; cost, \$100,000; cost mtce., \$1,500; wks. owned by village.

MATTITUCK, p. 870. F. dept.—1 h. & 1 trk., 1 hose cart, 4 hand ex., 1 hand eng., 700 ft. hose; f. al., bell; tot. mem., 65 vol.

Water Supply—Not reported.

MAYVILLE, p. 1,122; f. area, 640 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & 1 trk., 400 buckets, 2 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; f. al. telp. & wh.; val. equip., \$2,160; val. bldgs., \$3,500; exp. dept., \$500; tot. mem., 60 vol.

Water Supply—Src., wells; ays., pump to stdp.; stdp. dim., 50 x 12; pump. eng., cap. day 1,000,000 gals.; mains, 4 m., 4 to 8 in. dia.; 27 hyd.; 16 v.; 200 serv.; pres., dom. 60 lbs., f. 120 lbs.; cost, \$21,000; cost mtce., \$1,800; wks. owned by city.

McGrawville, p. 981. F. dept.—2 hose carts, 2 hand eng., 4 hand ex., 500 ft. hose; f. al., bell; tot. mem., 60 vol.

Water Supply—Sya., grav.; 41 hyd.; 113 lbs. pres.

MECHANICSVILLE, p. 6,684; f. area, 600 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 12 c. hand ex., 1 h. & l. trk., 1 auto. h. & l. trk., 3 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell & siren wh.; val. equip., \$8,000; val. bldgs., \$11,000; tot. mem., 180 vol.

Water Supply—Src., brooks, 4 m. bus. cent.; ays., grav. & pump to stdp.; stdp. cap., 200,000 gals.; dim., 28 x 32; mat. c. l.; res. cap., 90,000,000 gals.; pump. eng., cap. day, 800,000 gals.; mains, c. l., 22 m., 4 to 16 in. dia.; 94 hyd.; 115 v.; met., 1,001; 1,001 serv.; pipe, galv. i.; pres., dom. & f. 55 lbs.; cons. day, 2,000,000 gals.; cost, \$163,000; cost mtce., \$7,000; wks. owned by city.

MEDINA, p. 5,683; f. area, 1,264 a.; merc. bldgs., stn., bk. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose cart, 1 hand hose cart, 2 hrs.; hose, cot., rub. lined, gd., 1,850 ft.; inf., 850 ft.; tot. hose, 2,200 ft.; f. al., Gamewell, 14 bx.; val. equip., \$7,000; val. bldgs., \$40,000; exp. dept., \$6,000; tot. mem., 24, pd. full time 4, pd. part time 6, vol. 14.

Water Supply—Src., driven wells; ays., pump to res., to stdp. & dir.; stdp. cap., 258,500 gals.; res. cap., 589,437 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 14 1/4 m., 4 to 12 in. dia.; 125 hyd.; pres., dom. 30 to 50 lbs., f. 75 to 125 lbs.; cons. day, 400,000 gals.; cost, \$110,000; wks. owned by town.

MEXICO, p. 1,233; f. area, 25 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$5,500; val. bldgs., \$500; tot. mem., 28 vol.; undra. rating, second class.

Water Supply—Src., creek; ays., pump dir.; 2 pump. eng., cap. day 576,000 gals.; mains, iron, 9 m., 4 to 10 in. dia.; 76 hyd.; 8 serv.; cost, \$56,000; wks. owned by municipality.

MIDDLEBURG, p. 1,114; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor. F. dept.—1 str., 1 h. & l. trk., 1 hand eng., 4 hose car.; hose, cot., rub. lined, gd., 1,750 ft.; f. al., bell; val. equip., \$5,500; val. bldgs., \$1,500; exp. dept., \$250; tot. mem., 70 vol.

Water Supply—Src., brooks, 2 1/2 m. bus. cent.; ays., grav.; res. cap., 140,000 gals.; 1 pump. eng., class dup., cap. day 300,000 gals.; mains, c. l., 5 m., 4 to 10 in. dia.; 37 hyd.; 20 v.; 160 serv.; pipe, iron; pres., dom. 72 lbs., f. 72 lbs.; cons. day, 150,000 gals.; cost mtce., \$350; wks. owned by Co.

MIDDLE GRANVILLE, p. 836. F. dept.—1 hand eng., 1 hose cart, 800 ft. hose; f. al., bell; tot. mem., 40 vol.

Water Supply—Not reported.

MIDDLEPORT, p. 1,530; f. area, 200 a.; bldgs., stn., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell, 1 bx.; val. equip., \$4,000; val. bldgs., \$6,500; exp. dept., \$325; tot. mem., 60 vol.

Water Supply—Src., canals, creeks & ponds.

MIDDLETOWN, p. 18,000; f. area, 2,330 a.; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 12 c. hand ex., 3 h. & l. trk., 1 hose wag., 5 hose car., 1 comb. c. & h. wag., 2 auto. hose wag., 5 hrs.; hose, cot., rub. lined, gd., 5,500 ft.; inf., 2,700 ft.; tot. hose, 8,200 ft.; f. al., bells & wh., 52 Gamewell bx.; val. equip., \$25,000; val. bldgs., \$40,000; exp. dept., \$12,000; tot. mem., 244, pd. full time 5, pd. part time 9, vol. 230.

Water Supply—Src., spr., 2 to 5 m. bus. cent.; ays., grav.; res. cap., 1,246,881,999 gals.; mains, c. l., 45 m., 4 to 24 in. dia.; 306 hyd.; 345 v.; 169 met.; 3,227 serv.; pipe, galv. i. & lead; pres., dom. 30 to 80 lbs., f. 40 to 90 lbs.; cons. day, 2,500,000 gals.; cost, \$690,500; cost mtce., \$5,500; wks. owned by city.

MIDDLEVILLE, p. 625. F. dept.—1 hose cart, 550 ft. hose; f. al., bell; tot. mem., 30 vol.

Water Supply—Grav. ays.; 25 hyd.; 165 lbs. pres.

MILLBROOK, p. 1,200; f. area, 2,000 a. F. dept.—1 c. eng., 1 h. & l. trk.; val. equip., \$1,500; val. bldgs., \$5,000; tot. mem., 40 vol.

Water Supply—Src., wells & cisterna.

MILFORD, p. 1,825. F. dept.—1 hose cart, 600 ft. hose; f. al., bell; tot. mem., 26 vol.

Water Supply—Grav. ays.; pres., 80 lbs.

MINEOLA, p. 1,981. F. dept.—Not reported.

Water Supply—Src., artesian well, 3 blocks bus. cent.; ays., pump to stdp.; stdp. cap., 100,000 gals.; dim., 20 x 28; mat., stl.; 2 gasoline pump eng., cap. day 864,000 gals.; mains, c. l., 8 m., 4 to 10 in. dia.; 42 hyd.; met., 25; pipe, galv. i.; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 30,000 gals.; wks. owned by city.

MINETTO, p. 500. F. dept.—1 hose cart, 300 ft. hose; f. al., bell & wh.; tot. mem., 30 vol.

Water Supply—Grav. ays.; 17 hyd.; pres., 60 lbs.

MOHAWK, p. 2,079; f. area, 300 a.; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 str., 1 hose sleigh, 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$1,500; exp. dept., \$300; tot. mem., 50 vol.

Water Supply—Src., spr., 1/2 m. bus. cent.; ays., pump to stdp.; stdp. cap., 75,000 gals.; 3 pump. eng., cap. day 1,100,000 gals.; mains, iron, 6 m., 4 to 8 in. dia.; 50 hyd.; 36 v.; met., 82; 250 serv.; pipe, iron; pres., f. 85 to 98 lbs.; cost, \$34,000; cost mtce., \$6,000; wks. owned by village.

MONROE, p. 2,285. F. dept.—3 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 2,200 ft.; inf., 100 ft.; tot. hose, 2,300 ft.; f. al., bell; val. bldgs., \$3,500; exp. dept., \$200; tot. mem., 80 vol.

Water Supply—Src., wells, 2 1/2 m. bus. cent.; ays., grav.; mains, c. l., 1,894 ft., 4 to 18 in. dia.; pres., dom. & f. 106 lbs.; cost, \$44,000; cost mtce., \$300; wks. owned by city.

MONTGOMERY, p. 941; f. area, 1,000 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,500; exp. dept., \$125; tot. mem., 78 vol.

Water Supply—Src., wells, 1/2 m. bus. cent.; ays., pump to stdp. & dir.; stdp. cap., 150,000 gals.; dim., 16 x 100; mat., stl.; 2 pump. eng., class comp., cap. day 750,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 34 hyd.; met., 50; 175 serv.; pipe, lead & galv. l.; pres., dom. 60 lbs., f. 65 lbs.; cons. day, 45,000 gals.; cost, \$25,000; cost mtce., \$1,000; wks. owned by village.

MONTICELLO, Sullivan Co., p. 1,941; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. F. dept.—1 hand eng., 3 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 850 ft.; rub. gd., 500 ft.; tot. hose, 1,850 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$3,800; tot. mem., 150 vol.

Water Supply—Src., lake, 1 1/2 m. bus. cent.; ays., pump to stdp.; stdp. cap., 200,000 gals.; pump. eng., cap. day 750,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 50 hyd.; 400 serv.; pipe, c. l.; pres., dom. 62 lbs., f. 110 lbs.; cost, \$35,000; cost mtce., \$3,611; wks. owned by Co.

MONTOUR FALLS, p. 1,208; f. area, 450 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$3,900; val. bldgs., \$3,500; exp. dept., \$600; tot. mem., 80 vol.

Water Supply—Src., wells & creek, 1 1/2 m. bus. cent.; ays., grav. to res.; res. cap., 10,500,000

gals.; mains, c. i., 7 m., 4 to 8 in. dia.; 60 hyd.; pres., dom. 60 to 70 lbs., f. 90 lbs.; cost, \$26,000.

MORAVIA, p. 1,324; bldgs., bk., 3 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 100 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$3,500; exp. dept., \$850; tot. mem., 75 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav.; mains, c. i., 11 m., 4 to 10 in. dia.; 37 hyd.; 10 v.; 300 serv.; pipe, galv. i.; pres., dom. 75 to 85 lbs., f. 75 to 85 lbs.; cost, \$50,000; cost mtce., \$500; wks. owned by village.

MORIAH, p. 1,400; bldgs., bk. & wd., 2 stor. F. dept.—1 hand eng.; hose, cot., rub. lined, gd., 300 ft.; val. equip., \$250; tot. mem., 25 vol.

Water Supply—Src., large well in cent. village; 287 ft. 3 in. galv. i. pipe.

MORRIS, p. 1,434. F. dept.—1 hose cart, 600 ft. hose; f. al., bell; tot. mem., 20 vol.

Water Supply—Grav. sys.; 28 hyd.

MORRISTOWN, p. 550; f. area, 640 a. F. dept.—1 h. & l. trk., 2 c. hand ex., 1 hose cart, 1,000 ft. hose, ladders, axes, buckets, etc.; val. equip., \$2,058; exp. dept., \$250; tot. mem., 33 vol.

Water Supply—Src., St. Lawrence River; sys., pump dir.; 1 pump. eng., cap. day 648,000 gals.; 25 hyd.; 2 v.; 45 serv.; mains, 7,300 ft.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$18,000; cost mtce., \$700; wks. owned by village.

MORRISVILLE, p. 500. F. dept.—1 h. & l. trk., 1 hose wag., 1 sleigh, 1,500 ft. hose; f. al., bell; tot. mem., 33 vol.

Water Supply—Src., spr. & res., 1 m. bus. cent.; sys., grav.; mains, iron, 4 m., 4 to 8 in. dia.; 30 hyd.; pres., dom. & f., 80 to 95 lbs.; cost, \$18,000; wks. owned by village.

MOUNT KISCO, p. 2,802; f. area, 1,280 a.; merc. bldgs., wd. & bk., 3 & 4 stor.; priv., wd., 2 auto. comb. c. & h. wag., 1 auto. c. eng., 1 hand eng., 1 h. & l. trk., 5 hose reels; hose, cot., rub. lined, gd., 4,000 ft.; inf., 500 ft.; tot. hose, 4,500 ft.; f. al., bell; val. equip., \$5,250; tot. mem., 140 vol.

Water Supply—Src., res., 3 m. bus. cent.; sys., pump dir.; res. cap., 1,500,000 gals.; 2 pump. eng., cap. day 297,000 gals.; mains, c. i., 10 m., 4 to 10 in. dia.; 83 hyd.; 425 met.; 450 serv.; pres., dom. 100 lbs., f. 110 lbs.; wks. owned by municipality.

MOUNT MORRIS, p. 2,782; f. area, 400 a.; merc. bldgs., bk., 2 stor.; priv., wd. & bk., 2 stor.; wd. rfa. perm.; no fwks. & combt. ord. F. dept.—6 c. hand ex., 1 h. & l. trk., 2 hose carts, 2 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., 4 bx. bell; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$300; tot. mem., 80 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 1,025,000 gals.; mains, 5 m., 4 to 10 in. dia.; 37 hyd.; 21 v.; met., 15; 535 serv.; pres., f. 45 to 60 lbs.; cost, \$60,000; cost mtce., \$750; wks. owned by Co.

MOUNT VERNON, p. 30,919; f. area, 5 sq. m.; merc. bldgs., bk. & wd., 3 & 4 stor.; priv., wd., 2½ & 3 stor.; wd. rfa. perm. outside f. limit; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str. equip. with c. tenders, 3 auto. comb. c. & h. wag., 2 auto. tractors, 1 aer. trk., 4 comb. wag., 2 h. & l. trk., 3 hose wag., 20 hrs.; hose, cot., rub. lined, gd., 5,500 ft.; f. al., 57 transmitter signal calls, 3 bells, 1 wh., Gamewell, 49 bx.; exp. dept., \$40,000; val. equip., \$110,000; val. bldgs., \$125,000; tot. mem., 502, pd. full time 22, vol. 480.

Water Supply—Src., riv., brook, 5 m. bus. cent.; sys., pump to stdp.; stdp. cap., 475,000 gals.; res. cap., 113,000,000 gals.; pump. eng., cap. day 12,500,000 gals.; mains, c. i., 75 m., 4 to 16 in. dia.; 673 hyd.; met., 5,000; 9,000 serv.; pipe, lead & iron; pres., dom. 100 lbs., f. 100 lbs.; wks. owned by Co.

NAPLES, p. 1,093; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 20 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals., loc. 2 m. city; mains, iron, 6 1-3 m., 4 to 8 in. dia.; 55 hyd.; 36 serv.; pipe, iron; pres., dom. 60 lbs., f. 100 lbs.; cost, \$24,500; cost mtce., \$150; wks. owned by village.

NASSAU, p. 2,115. F. dept.—1 hose cart, 1,000 ft. hose; f. al., wh.; vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; mains, iron, 2½ m., 4 to 8 in. dia.; 25 hyd.; 12 v.; 75 serv.; pres., dom. & f. 65 lbs.; cost, \$13,000; wks. owned by village.

NEWARK, p. 6,227; f. area, 1,760 a.; merc. bldgs., bk., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. eng., 1 c. hand ex., 1 h. & l. trk., 2 comb. c. & h. wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; rub., gd., 900 ft.; inf., 400 ft.; tot. hose, 4,300 ft.; f. al., elec., 15 bx.; val. equip., \$9,000; val. bldgs., \$25,000; exp. dept., \$1,600; tot. mem., 150, pd. full time 1, vol. 149.

Water Supply—Src., spr. & wells, 1½ m. bus. cent.; sys., pump. to stdp.; stdp. cap., 250,000 gals.; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day, 2,000,000 gals.; mains, c. i., 16 m., 4 to 12 in. dia.; 150 hyd.; 91 v.; met., 900; 1,200 serv.; pipe, galv. i.; pres., dom. & f. 61 lbs.; cons. day, 325,000 gals.; wks. owned by village.

NEWARK VALLEY, p. 2,102. F. dept.—1 h. & l. trk., 2 hose carts, 1 hose reel, 2 hand ex., 1,350 ft. hose; f. al., elec.; tot. mem., 90 vol.

Water Supply—Src., spr. & well, 3 m. bus. cent.; sys., grav. & pump to res.; res. cap., 400,000 gals.; 2 pump. eng., class trip.; cap. day, 221,750 gals.; mains, c. i., 6½ m., 4 to 8 in. dia.; 52 hyd.; 33 v.; 7 met.; 204 serv.; pipe, wrt. l.; pres., dom. 75 lbs., f. 83 lbs.; cons. day, 72,000 gals.; cost, \$29,500; cost mtce., \$450; wks. owned by city.

NEW BALTIMORE, p. 1,936; f. area, 640 a.; merc. bldgs., wd., 2 to 3 stor.; priv., wd., 2 to 3 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 2 pumps; hose, rub. lined, gd., 850 ft.; inf., 150 ft.; tot. hose, 1,000 ft.; f. al., gong; val. equip., \$1,000; val. bldgs., \$7,500; exp. dept., \$200; tot. mem., 70 vol.

Water Supply—Not reported.

NEW BERLIN, p. 1,114; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—8 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 6,000 ft.; tot. hose, 8,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$400; tot. mem., 75 vol.

Water Supply—Src., spr. & brooks, ½ m. bus. cent.; sys., grav.; res. cap., 14,000,000 gals.; mains, iron, 5 m., 4 to 12 in. dia.; 40 hyd.; 24 v.; met., 6; 200 serv.; pipe, galv. i.; pres., f. 110 to 125 lbs.; cons. day, 100,000 gals.; cost, \$40,000; cost mtce., \$300; wks. owned by village.

NEW BRIGHTON AND STAPLETON (Greater New York). F. dept.—City of New York covers entire borough of Richmond; f. area, 55½ m.; merc. bldgs., bk., stn. & wd., 2 to 4 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—8 str., 5 h. & l. trk., 2 auto. comb. c. & h. wag., 1 auto. eng., 8 hose wag.; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 6,400 ft.; tot. hose, 8,900 ft.; f. al., telp. & st. bx., 240 bx., 41 special bldg. bx.; exp. dept., \$392,000; tot. mem., 722, 186 pd. full time, 536 vol.

Water Supply—Src., driven wells; sys., pump to res. & stdp.; cap. No. 1, 900,000 gals.; No. 2, 2,800,000 gals.; No. 3, 200,000 gals.; mains, c. i., 240 m.; pump. eng., cap. day 12,000,000 gals.; cons. day 11,000,000 gals.; the borough is divided into three zones of supply, low, middle & high serv. zones; the altitudes supplied range from tidewater elevation to 400 ft. above tide; cost, \$3,700,000; wks. owned by city.

NEWBURGH, p. 27,805; f. area, 4 sq. m.; merc. bldgs., stn., bk. & wd., 1 to 7 stor.; priv., stn., bk. & wd., 3 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 4 str., 1 c. eng., 2 comb. c. & h. wag., 18 c. hand ex., 1 aer. trk., 1 f. boat, 3 h. & l. trk., 6 hose wag., 11 hrs.; hose, cot., rub. lined, gd., 2,600

ft.; inf., 250 ft.; tot. hose, 9,850 ft.; f. al., Gamewell, 42 bx.; val. equip., \$35,000; val. bldgs., \$65,000; exp. dept., \$12,918.50; tot. mem., 675, pd. full time 11, vol. 664.

Water Supply—Src. lake, 8 m. bus. cent.; sys., grav., pump to res.; res. cap., 1,500,000 gals., loc. northwestern part city; 2 pump. eng., class comp., cap. day 3,400,000 gals.; mains, c. i., 47.12 m., 4 to 30 in. dia.; 406 hyd.; 609 v.; 3 met.; 4,687 serv.; pipe, lead; pres., 20 to 100 lbs.; cons. day, 4,000,000 to 5,000,000 gals.; wks. owned by city.

NEW DORP (Greater New York), f. area, 4,480 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 650 ft.; rub. gd., 100 ft.; tot. hose, 750 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,500; exp. dept., \$350; tot. mem., 25 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 300,000 gals.; 2 pump. eng., cap. day 700,000 gals.; mains, 3 m., 4 to 8 in. dia.; 19 hyd.; 5 met.; 157 serv.; pres., dom. 60 lbs., f. 60 lbs.; cost, \$23,000; cost mtce., \$1,800; wks. owned by Co.

NEW HARTFORD, p. 1,195; f. area, 800 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; cause of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$800; tot. mem., 40 vol.

Water Supply—Src., creeks & spr., 2 m. bus. cent.; sys., grav.; res. cap., 5,500,000 gals.; mains, c. i., 14 m., 4 to 20 in. dia.; 52 hyd.; 93 v.; 750 met.; pipe, lead; pres., dom. & f., 85 lbs.; cons. day, 750,000 gals.; wks. owned by priv. Co.

NEW PALTZ, p. 1,230; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv. stn., bk. & wd., 2 & 3 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; exp. dept., \$125; tot. mem., 50 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 9,000,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 47 hyd.; 23 v.; 200 serv.; pres., dom. 120 lbs., f. 165 to 245 lbs.; cost, \$50,000; wks. owned by private Co.

NEW ROCHELLE, p. 2,887; f. area, 10 sq. m.; merc. bldgs., bk., 1 to 5 stor.; priv., wd., 3 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—2 str., 5 comb. c. wag., 1 auto. comb. c. & h. wag., 1 aer. trk., 1 h. & l. trk., 1 hose wag., 1 auto. squad wag., 1 auto. trip. comb. c. eng., hose & pump. eng., 1 comb. c. eng. & hose reel, 16 c. hand ex., 20 hrs.; hose, cot., rub. lined, gd., 6,200 ft.; inf., 800 ft.; tot. hose, 7,000 ft.; f. al., wh. & bell, 68 bx.; val. equip., \$76,868; val. bldgs., \$112,325; exp. dept., \$40,000; tot. mem., 400, pd. full time 26, vol. 374.

Water Supply—Src., riv., $3\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 1,936,700 gals.; dim., 34 x 44, 140 x 25, 50 x 60, loc. one at station, one in town, one at Tuckahoe; mat., stl.; 3 res., cap. 436,735,700 gals., loc. at city line; 2 pump. eng., class comp. hor. dup., cap. day 8,500,000 gals.; mains, c. i., 140 m., 4 to 24 in. dia.; 737 hyd.; met., 5,068; 5,406 serv.; pipe, lead; pres., dom. 30 to 98 lbs., f. 30 to 90 lbs.; cons. day, 730,000 gals.; cost, \$2,000,000; cost mtce., \$62,000; wks. owned by Co.

NEWTOWN (Greater New York), f. area, 15,380 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfa. perm. F. dept.—6 str., 1 c. eng., 6 c. hand ex., 7 h. & l. trk., 2 hose wag., 1 hose car., 42 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 6,000 ft.; tot. hose, 8,000 ft.; f. al., Gamewell, 78 bx.; exp. dept., \$5,000; tot. mem., 573 vol.; undra. rating, second class.

Water Supply—Src., wells; sys., pump dir.; stdp. cap., 192,000 gals.; 21 pump. eng., class comp. triple expansion dup. & comp. dup., cap. day 35,000,000 gals.; mains, c. i., 190 m., 4 to 36 in. dia.; 1,546 hyd.; 1,613 v.; met., 15,880; 16,000 serv.; pipe, galv. f.; pres., dom. & f., 25 to 105

lbs.; cons. day, 10,000,000 gals.; cost, \$200,000; cost mtce., \$38,000; wks. owned by Citizens Water Supply Co. of Newtown.

NEW YORK CITY (Boroughs of Manhattan & Bronx), p. 4,766,883; f. area, 40,000 a.; merc. bldgs., bk., stn. & iron, 8 to 48 stor.; office bldgs., bk., stn. & iron, 3 to 20 stor.; priv., bk., stn. & wd. inside, 3 to 12 stor.; no wd. or frame bldgs. allowed or permitted below 155th street; fwks. State law; f. inv. by f. marshal. F. dept.—52 auto. str., 5 auto. water towers, 2 auto. pump. eng., 1 auto. boat tender, 24 auto. high pres. hose wag., 8 auto. hose wag., 33 auto. comb. c. & h. wag., 43 auto. h. & l. trk., 39 auto. runabouts & touring cars, 20 auto. delivery trk., 28 second size str. propelled by tractors, 172 str., 4 comb. c. & h. wag., 93 hose wag., 18 hose reels, 20 aer. trk., 73 h. & l. trk., 7 c. eng., 3 arch. eng., 4 water towers, 48 chief's wag., 38 fuel wag., 11 f. boats, 208 c. hand ex., 840 hrs.; hose, cot., rub. lined, 1 to 6 in., 312,485 ft.; f. al., Gamewell, 1,389 street bx., of which 900 are connected underground, special signals of all kinds, including the pneumatic & automatic, 3,003; dept. in charge of commissioner; tot. mem., 4,350, pd. full time.

Water Supply—Src., riv., 32 m. bus. cent.; sys., grav., pump to res. & to 4 stdp.; dim., 6 x 134, 6 x 170, 6 x 185 & 1 of 47,000 gals. cap.; res. cap., 2,000,000,000 gals.; 15 pump. eng., cap. day 122,000,000 gals.; mains, c. i., 1,208 m., 6 to 48 in. dia.; 15,500 hyd.; 11,600 v.; met., 37,000; pres., dom. 15 lbs., f. 100 lbs.; cost mtce., \$1,000,000; wks. owned by city.

NEW YORK MILLS, p. 2,552; merc. bldgs., bk.; priv., wd., 2 stor.; wd. rfa. perm.; no fwks. ord.; f. inv. F. dept.—30 c. ex., 8 hose car.; hose, 5,000 ft.; 3 f. pumps. The above apparatus is the property of the New York Mills, a manufacturing corporation. In addition to the above is the Yorkville Fire & Hose Co., loc. at lower New York Mills, 1 hand eng., 1 hose cart, 800 ft. of gd. hose; 40 mem.

Water Supply—Src., res., 8 m. bus. cent.; sys., grav.; res. cap., 120,000,000 gals.; mains, c. i., 5 m., 4 to 12 in. dia.; 35 hyd.; 34 v.; 500 met.; pres., dom. & f., 90 lbs.; wks. owned by priv. Co.

NIAGARA FALLS, p. 30,445; f. area, 1,600 a.; merc. bldgs., wd., bk. & stn., 3 & 6 stor.; priv. wd., bk. & stn., 2 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—1 auto. comb. c. & h. wag., 1 auto. comb. pump. eng. & hose wag., 1 str., second size; 5 comb. c. & h. wag., 19 c. hand ex., 8 h. & l. trk., 1 chief's auto., 6 exercise wag., 1 chief's sleigh, 2 hose car., 24 hrs.; hose, cot., rub. lined, 9,400 ft.; f. al., Gamewell, 86 bx.; val. equip., \$53,000; val. bldgs., \$56,000; exp. dept., \$64,780; tot. mem., 50, pd. full time; undra. rating, second class.

Water Supply—Central & north part city, src. riv., 1 m. bus. cent.; sys., pump. eng., cap. day 20,000,000 gals.; mains, c. i., 36 m., 4 to 24 in. dia.; 385 hyd.; met., 950; 3,400 serv.; pipe, lead; pres., f. 100 to 130 lbs.; cost, \$300,000; cost mtce., \$20,000; wks. owned by city.

Water Supply—Of south part of city, src., riv., 1 m. bus. cent.; sys., pump dir.; stdp. cap., 732,984 gals.; pump. eng., cap. day 6,500,000 gals.; mains, c. i., 17 $\frac{1}{2}$ m., 4 to 16 in. dia.; 81 hyd.; met., 27; pres., dom. 60 lbs., f. 120 lbs.; cost, \$200,000; cost mtce., \$6,000; wks. owned by Co.

NORTH COLLINS, p. 950; f. area, 300 a. F. dept.—1 pump. eng.; val. equip., \$200; tot. mem., 50 vol.

Water Supply—Src., wells.

NORTHPORT, p. 2,096; f. area, 640 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 $\frac{1}{2}$ stor.; wd. rfa. perm.; no fwks. & combt. ord. F. dept.—6 c. hand ex., 2 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., stn. wk.; val. equip., \$3,000; val. bldgs., \$10,000; exp. dept., \$500; tot. mem., 40 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 350,000 gals.; pump. eng., cap. day 150,000 gals.; mains, stl. & c. i., 6 m., 3 to 10 in. dia.; 53 hyd.; pres., dom. 50 lbs., f. 90 lbs.; cost, \$85,000; wks. owned by Co.

NORTHVILLE, p. 1,200; f. area, 815 a. F. dept.—Hose, h. & l. trk.; val. equip., \$1,200; exp. dept., \$125; tot. mem., 19 vol.

Water Supply—Src., creek & spr., 1 m. bus. cent.; sys., grav.; mains, 10,000 ft.; 35 hyd.

pres. dom. 85 lbs., f. 85 to 110 lbs.; cost, \$40,000; cost mtce., \$375; wks. owned by village.

NORTH TARRYTOWN, p. 5,421; merc. bldgs., bk. & wd., 4 stor.; priv., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 f. patrol, 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose car., 2 hrs.; hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$6,000; exp. dept., \$4,000; tot. mem., 150 vol.

Water Supply—Src., riv.; 3 m. bus. cent.; sys., pump to res.; stdp. cap., 16,000,000 gals.; res. cap., 125,000,000 gals.; 2 pump. eng., cap. day 7,000,000 gals.; mains, 80 m., 4 to 16 in. dia.; 350 hyd.; 125 v.; met., 2,000; 2,200 serv.; pres., dom. 100 lbs., f. 150 lbs.; cons. day, 1,800,000 gals.; owned by priv. Co.

NORTH TONAWANDA, p. 11,955; f. area, 3,840 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 6 hose wag., 8 hrs.; hose, cot., rub. lined, 12,800 ft.; f. al., Gamewell, 29 bx., Amer. Dist. telg., 22 bx.; val. equip., \$15,000; val. bldgs., \$1,705.35; exp. dept., \$10,000; tot. mem. 300, pd. full time 6, pd. part time 50, vol. 249; undra. rating, first class.

Water Supply—Src., Niagara riv., $\frac{1}{2}$ m. bus. cent.; sys., pump dir. to mains; 3 pump. eng., cap. day 10,000,000 gals.; mains, wd. & iron, 50 m., 4 to 24 in. dia.; 369 hyd.; 30 met.; 2,516 serv.; pipe, lead; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 5,339,000 gals.; cost, \$450,000; wks. owned by city.

NORWICH, p. 7,422; f. area, 1,500 a.; merc. bldgs., stn., bk. & wd., 2 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 hand eng., 8 h. & l. trk., 5 c. hand ex., 1 aer. trk., 1 auto. comb. c. & h. wag., 1 hose wag., 4 hose car., 5 hrs.; hose, rub. gd., 4,000 ft.; f. al., Gamewell, 18 bx.; val. equip., \$22,000; val. bldgs., \$40,000; exp. dept., \$1,800; tot. mem. 155, pd. full time 1, pd. part time 4, vol. 150.

Water Supply—Src., lake & res., 6 m. bus. cent.; sys., grav.; res. cap., 300,000,000 gals.; loc. 2 m. east town; mains, iron, 20 m., 4 to 16 in. dia.; 50 hyd.; met., 4; 1,400 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 70 lbs.; cons. day, 2,000,000 gals.; cost, \$400,000; wks. owned by Co.

NORWOOD, p. 1,993; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., $1\frac{1}{2}$ & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 c. eng., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 600 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$85; tot. mem., 56 vol.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 300,000 gals.; dim., 20 x 75, loc. southwest riv.; mat., stl.; 2 pump. eng., class trip., cap. day 500,000 gals.; mains, c. i., 6 $\frac{1}{2}$ m., 4 to 10 in. dia.; 40 hyd.; 42 v.; 200 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 80 lbs.; cons. day, 125,000 gals.; cost, \$36,500; cost mtce., \$1,500; wks. owned by city.

NUNDA, p. 1,043; f. area, 640 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$5,000; exp. dept., \$150; tot. mem., 68 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 380,000 gals.; mains, 6 $\frac{1}{2}$ m.; 26 hyd.; 10 v.; met., 8; 100 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$2,500; wks. owned by Co.

NYACK, p. 4,619; f. area, 2,560 a.; merc. bldgs., bk., 3 & 4 stor.; priv., wd. & bk., 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept. (Includes Upper, South & West Nyack)—2 str., 1 c. & h. wag., 1 hand eng., 1 c. eng., 4 c. hand ex., 2 h. & l. trk., 1 hose wag., 5 hose car.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., bell; val. equip., \$20,000; val. bldgs., \$18,800; exp. dept., \$5,000; tot. mem., 325 vol.

Water Supply—Src., riv., sys., grav. & pump dir.; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day 760,000 gals.; mains, c. i., 25 m., 2 to 12 in. dia.; 112 hyd.; 48 v.; met., 100; pres.,

dom. 75 lbs., f. 100 to 155 lbs.; cost, \$250,000; cost mtce., \$16,000; wks. owned by city.

OAKFIELD, p. 2,115. F. dept.—1 hand eng., 10 c. hand ex., 1 c. wag., 1,000 ft. hose; f. al., bell; tot. mem., 52 vol.

Water Supply—Src., cisterns.

OCEANUS, p. 3,000; f. area, 2,560 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. F. dept.—3 str., 1 c. eng., 2 h. & l. trk., 4 hose carts, 4 hose car., 4 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bell; val. equip., \$25,000; val. bldgs., \$25,000; tot. mem., 178.

Water Supply—Src., supply from Far Rockaway.

OGDENSBURG, p. 17,000; f. area, 5 sq. m.; merc. bldgs., bk., 2 to 5 stor.; priv., wd., $1\frac{1}{2}$ & 3 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 6 c. hand ex., 1 hose wag., 2 comb. c. & h. wag., 3 hose & ladder sleighs in reserve, 5 hrs., 1 in reserve; hose, cot., rub. lined, gd., 3,000 ft., 2,500 ft. in reserve; f. al., elec. bell, 38 bx.; val. equip., \$14,000; val. bldgs., \$8,000; exp. dept., \$10,900; tot. mem. 28, pd. full time 9, pd. part time 19.

Water Supply—Src., riv., $1\frac{1}{2}$ m. bus. cent.; sys., pump dir. to mains; 8 pump. eng., cap. day 30,000,000 gals.; mains, iron, 31 m., 4 to 20 in. dia.; 176 hyd.; 400 v.; met., 20; 3,200 serv.; pipe, galv. i. & lead; pres., dom. 55 lbs., f. 80 lbs.; cons. day, 300,000 gals.; cost, \$550,000; cost mtce., \$12,000; wks. owned by city.

OLEAN, p. 14,743; f. area, 6 sq. m.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 2 comb. c. & h. wag., 2 c. eng., 4 c. ex., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, 7,400 ft.; f. al., Gamewell, 80 bx.; val. equip., \$22,000; val. bldgs., \$18,000; exp. dept., \$14,000; tot. mem. 17, pd. full time 5, pd. part time 12.

Water Supply—Src., driven wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 10,500,000 gals., loc. $\frac{1}{2}$ m. south city; 2 pump. eng., cap. day 5,000,000 gals.; mains, c. i., 37 m., 4 to 24 in. dia.; 314 hyd.; 325 v.; 2,900 met.; pipe, lead & iron; pres., dom. 90 lbs., f. 90 lbs.; cons. day, 1,746,124 gals.; cost, \$413,000; cost mtce., \$18,000; wks. owned by city.

ONEIDA, p. 8,317; f. area, 3,000 a.; merc. bldgs., bk., 2 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose car., 2 hose sleighs, 5 hrs.; hose lined, gd., 2,800 ft.; inf., 500 ft.; tot. hose, 3,300 ft.; f. al., Gamewell, 18 bx.; val. equip., \$9,000; val. bldgs., \$11,800; exp. dept., \$5,500; tot. mem. 75, pd. full time 5, pd. part time 35, 35 vol.; undra. rating, first class.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; 2 res., cap. 20,000,000 gals., loc. 3 m. south city; mains, c. i., 15 m., 4 to 18 in. dia.; 135 hyd.; 223 v.; met., 1,200; 1,300 serv.; pipe, lead; pres., dom. & f., 90 lbs.; cons. day, 800,000 gals.; cost, \$210,000; cost mtce., \$2,200; wks. owned by city.

ONEONTA, p. 9,491; f. area, 25 a.; merc. bldgs., bk., 2 to 5 stor.; priv., wd., 2 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 8 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 auto. trip. comb. pump, c. & hose wag., 1 comb. c. & h. wag., 1 hose reel; hose, cot., rub. lined, gd., 5,800 ft.; inf., 300 ft.; tot. hose, 6,100 ft.; f. al., Gamewell, bell & wh., 27 bx.; val. equip., \$33,775; val. bldgs., \$60,000; exp. dept., \$10,000; tot. mem., 50, pd. full time 6, pd. part time 44.

Water Supply—Src., creek & spr., 6 m. bus. cent.; sys., grav.; res. cap., 500,000,000 gals.; mains, c. i., 21 m., 4 to 20 in. dia.; 140 hyd.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$450,000; wks. owned by Co.

ORISKANY FALLS, p. 892; merc. bldgs., bk. & wd. F. dept.—2 hose car.; hose, 1,000 ft.; f. al., wh.; tot. mem., 45 vol.

Water Supply—Src., not reported; sys., grav.

OSSINING, p. 11,480; f. area, 560 a.; merc. bldgs., bk., 3 & 4 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 h. & l. trk., 1 hose

wag., 5 hose car., 9 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; rub. gd., 1,000 ft.; inf., 1,500 ft.; tot. hose, 6,000 ft.; f. al., bell & wh.; val. equip., \$15,000; val. bldgs., \$6,000; exp. dept., \$1,000; tot. mem. 300, pd. full time 3, vol. 297.

Water Supply—Src., brook, 2 m. bus. cent.; sys., pump to res.; res. cap., 147,000,000 gals.; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. l., 20 m., 4 to 16 in. dia.; 187 hyd.; 150 v.; 1,300 met.; 1,600 serv.; pipe, lead & iron; pres., dom. 85 lbs., f. 120 lbs.; cost, \$190,000; cost mtce., \$11,941; wks. owned by city.

OSWEGO, p. 23,368; f. area, 5,120 a.; merc. bldgs., stn., bk. & wd., 2 to 5 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 str., 2 c. eng., 2 h. & l. trk., 12 c. hand ex., 1 aer. trk., 8 hose wag., 2 hose car., 15 hrs.; hose, cot., rub. lined, gd., 7,800 ft.; inf., 1,050 ft.; tot. hose, 8,850 ft.; f. al., elec., 50 bx.; val. equip., \$33,000; val. bldgs., \$30,000; exp. dept., \$24,619; tot. mem. 36, pd. full time 17, pd. part time 19.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., grav., pump to res. & dir.; res. cap., 20,000,000 gals., loc. 2 m. city; 2 pump. eng., cap. day 12,500,000 gals.; mains, c. l., 45.77 m., 4 to 20 in. dia.; 324 hyd.; 198 v.; met., 210; 2,348 serv.; pipe, lead & iron; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 2,800,000 gals.; cost, \$543,108; cost mtce., \$12,000; wks. owned by city.

OTEGO, p. 676; f. area, 200 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,000; exp. dept., \$150; tot. mem., 60 vol.

Water Supply—Src., spr. & creek; sys., grav.; water, gd.; res. cap., 60,000 gals.; mains, c. l., 6 m., 4 to 6 in. dia.; 19 hyd.; 150 serv.; pres., dom. 65 lbs., f. 65 lbs.; cost, \$18,000; wks. owned by city.

OWEGO, p. 4,633; f. area, 1,600 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 4 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 200 ft.; tot. hose, 4,200 ft.; f. al., Gamewell; val. equip., \$9,700; val. bldgs., \$10,000; exp. dept., \$3,800; tot. mem., 280 vol.

Water Supply—Src., creek & wells, ¼ & 2½ m. bus. cent.; sys., grav. & pump to impounding dam, cap., 30,000,000 gals.; res. cap., 1,600,000 gals.; loc. on hill; 1 pump. eng., cap. day, 2,000,000 gals.; mains, c. & wrt. l., 15 m., 1 to 12 in. dia.; 77 hyd.; 70 v.; met., 589; 1,084 serv.; pipe, wrt. l.; pres., dom. 80 to 90 lbs., f. 120 lbs.; cons. day, 1,000,000 gals.; cost, \$145,000; wks. owned by priv. Co.

OXFORD, p. 1,654; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh.; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$700; tot. mem. 100, pd. part time 1, vol. 99.

Water Supply—Src., spr.; sys., grav. & pump. dir.; res. cap., 212,000 gals.; sys., pump. eng., cap. day 504,000 gals.; mains, c. l., 9 m., 4 to 10 in. dia.; 47 hyd.; met., 238; 238 serv.; cost, \$26,500; cost mtce., \$100; wks. owned by village.

OYSTER BAY, p. 3,500; f. area, 640 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., 2 hand eng., 1 hose wag., 4 c. hand ex., 1 h. & l. trk., 50 rub. buckets, 2 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$4,700.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 265,000 gals.; 2 pump. eng., class comp. dup.; mains, 8½ m.; 79 hyd.; pres., dom. 70 lbs., f. 90 lbs.; cons. day, 125,000 gals.; cost, \$78,000; cost mtce., \$4,600; wks. owned by Co.

PALMYRA, p. 2,268; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,800 ft.; inf., 300 ft.; tot. hose, 2,100 ft.; f. al., bell & wh.; tot. mem., 83 vol.

Water Supply—Src., wells; sys., pump to stdp.;

stdp. cap., 175,000 gals.; mains, 4½ m., 4 to 10 in. dia.; 40 hyd.; met., 82; pres., dom. 75 lbs., f. 75 to 100 lbs.; cost, \$60,000; wks. owned by Co.

PARISH, p. 490. F. dept.—1 c. eng., 1 hand eng., 1 h. & l. trk.; tot. mem., 20 vol.

PATCHOGUE, p. 3,824; f. area, 640 a.; merc. bldgs., stn., bk. & wd.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—2 c. eng., 1 hand eng., 2 h. & l. trk., 3 hose car., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., Gamewell; val. equip., \$5,550; val. bldgs., \$15,000; exp. dept., \$450; tot. mem., 150 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 268,000 gals.; dim., 20 x 116; pump. eng., cap. day 4,600,000 gals.; mains, 9 m., 4 to 10 in. dia.; 75 hyd.; pres., dom. 50 lbs., f. 75 to 100 lbs.; cost, \$60,000; wks. owned by Co.

PAVILION, p. 500; f. area, 350 a.; merc. bldgs., wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose cart, 1 h. & l. trk.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$900; exp. dept., \$100; tot. mem., 38 vol.; undr. rating, third class.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; 3 hyd.; wks. owned by priv. Co.

PAWLING, p. 1,927. F. dept.—3 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,000; exp. dept., \$300; tot. mem., 40 vol.

Water Supply—Grav. sys.; pres., 100 lbs.

PEEKSKILL, p. 15,245; f. area, 2,560 a.; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—3 comb. c. & h. wag., 14 c. hand ex., 1 h. & l. trk., 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; c., 750 ft.; tot. hose, 4,750 ft.; f. al., Gamewell, 28 bx.; val. equip., \$32,600; val. bldgs., \$28,000; exp. dept., \$7,500; tot. mem. 400, pd. full time 5,395 vol.

Water Supply—Src., Peekskill Hollow Creek, ¼ m. bus. cent.; sys., grav. & pump to res.; res. cap. 86,000,000 gals.; 2 pump. eng., class elec., cap. day 4,000,000 gals.; mains, c. l., 20 m., 4 to 20 in. dia.; 188 hyd.; 150 v.; met., 1,500; 2,000 serv.; pipe, c. l.; pres., dom. 60 to 100 lbs., f. 100 to 148 lbs.; cons. day, 3,000,000 gals.; cost, \$600,000; cost mtce., \$15,000; wks. owned by city.

PENN YAN, p. 4,597; f. area, 40 a.; merc. bldgs., stn. & bk., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 1 h. & l. trk., 7 hose wag.; hose, cot., rub. lined, gd., 6,500 ft.; f. al., bell & tel.; val. equip., \$11,000; val. bldgs., \$3,000; exp. dept., \$1,500; tot. mem., 185 vol.

Water Supply—Src., lake, 2 m. bus. cent.; sys., pump to res. & dir. to mains; res. cap., 1,000,000 gals.; 2 pump. eng., class comp., cap. day 1,500,000 gals.; mains, c. l., 15½ m., 4 to 12 in. dia.; 115 hyd.; 113 v.; met., 71; 1,085 serv.; pipe, galv. l.; pres., dom. 40 to 80 lbs., f. 150 lbs.; cons. day, 375,000 gals.; cost, \$10,000; cost mtce., \$6,100; wks. owned by city.

PERRY, p. 4,388; f. area, 1,200 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 4 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,200 ft.; inf., 500 ft.; tot. hose, 2,700 ft.; f. al., bell & wh., 13 bx.; val. equip., \$10,000; val. bldgs., \$41,000; exp. dept., \$600; tot. mem., 140 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals.; pump. eng., cap. day, 2,000,000 gals.; mains, iron, 11 m., 4 to 12 in. dia.; 143 hyd.; met., 30; 1,100 serv.; pipe, lead; pres., dom. 60 lbs., f. 96 lbs.; cost, \$43,000; cost mtce., \$3,500; wks. owned by city.

PHELPS, p. 1,354; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; tot. mem., 85 vol.

Water Supply—Src., spr.; sys., grav.; mains, 3½ m., 4 to 8 in. dia.; 44 hyd.; met., 200; 360

serv.; pres., f. 80 lbs.; cost, \$30,000; wks. owned by city.

PHILMONT, p. 1,813; f. area, 960 a.; merc. bldgs., wd., 2 & 4 stor.; priv., wd., 2 & 3 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$3,500; exp. dept., \$200; tot. mem., 50 vol.

Water Supply—Src., lake, 4 m. bus. cent.; sys., grav. to res.; res. cap., 400,000 gals., loc. High Hill; mains, c. l., 9 m., 4 to 12 in. dia.; 39 hyd.; 28 v.; met., 210; 210 serv.; pipe, galv. l.; pres. dom. 40 to 150 lbs.; f. 40 to 150 lbs.; cons. day, 80,000 gals.; cost, \$40,000; cost mtce., \$200; wks. owned by city.

PHOENIX, p. 1,642; f. area, 40 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 3 hose car.; hose, cot., rub. lined, gd., 1,550 ft.; inf., 400 ft.; tot. hose, 1,950 ft.; f. al., bell & wh., 2 bx.; val. equip., \$600; val. bldgs., \$1,500; exp. dept., \$140; tot. mem., 35 vol.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 200,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, 7 m., 4 to 8 in. dia.; 38 hyd.; 50 v.; pres., dom. 75 lbs., f. 130 lbs.; cost, \$68,000; cost mtce., \$3,000; wks. owned by Co.

PIERMONT, p. 1,330; f. area, 10 a.; merc. bldgs., wd., 2 & 3 stor.; priv., bk., 2 & 3 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—1 auto. hose wag., 1 str., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 700 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 50 vol.

Water Supply—Src., artesian wells; waterwks. to be installed.

PINE HILL, p. 417; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., wd., 2 to 3 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$3,000; tot. mem., 40 vol.

PINE PLAINS, p. 650. F. dept.—Not reported.

Water Supply—Src., spr. & wells, 2 m. bus. cent.; sys., pump to stdp. & grav.; stdp. cap., 78,000 gals.; dim., 20 x 24; mat., cypress; res. cap., 200,000 gals.; 1 pump. eng., cap. day 80,000 gals.; mains, c. l., 3 3/4 m., 4 to 6 in. dia.; 32 hyd.; 16 v.; met., 54; pipe, galv. l.; pres., dom. 60 to 70 lbs., f. 95 lbs.; cons. day, 50,000 gals.; cost, \$10,000; cost mtce., \$475; wks. owned by private Co.

PITTSFORD, p. 1,205; bldgs., wd. & bk., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., elec.; val. equip., \$1,650; exp. dept., \$150; tot. mem., 60 vol.; undra. rating, fourth class.

Water Supply—Src., Lake Ontario Water Co. of Rochester, N. Y.; sys., pump to res.; res. cap., 650,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 46 hyd.; 28 v.; 345 met.; 345 serv.; pipe, lead & galv. l.; pres., dom. 55 lbs., f. 60 lbs.; cost, \$20,000; cost mtce., \$400; wks. owned by village.

PLATTSBURG, p. 11,138; f. area, 1,280 a.; merc. bldgs., bk., 3 stor.; priv., wd. & bk., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. eng. & hose wag., 1 hose wag., 5 hose cars., 1 h. & l. trk., 3 hrs.; hose, cot., rub. lined, gd., 4,450 ft.; f. al., Gamewell, 15 bx.; val. equip., \$6,000; val. bldgs., \$57,000; exp. dept., \$6,500; tot. mem., 135, pd. full time 4, pd. part time 6, vol. 125; undra. rating, second class.

Water Supply—Src., spr. & brooks, 6 m. bus. cent.; sys., grav.; res. No. 1, cap. 2,000,000 gals., loc. 6 to 7 m. city; res. No. 2, cap. 3,500,000 gals., loc. 2 1/2 m. city; mains, cem. & c. l., 88 m., 4 to 12 in. dia.; 220 hyd.; 55 met., 2,400 serv.; pipe, wrt. l.; pres., dom. 65 to 80 lbs., f. 65 to 100 lbs.; cons. day, 2,000,000 gals.; cost, \$382,191; cost mtce., \$7,000; wks. owned by city.

PLEASANTVILLE, p. 2,207; merc. bldgs., wd. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car., 1 hose wag.; hose, 2,500 ft.; f. al., bell; tot. mem., 100 vol.

PORT BYRON, p. 1,085; merc. bldgs., sta., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 3 hose car.; hose, rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$4,000; exp. dept., \$300; tot. mem., 35 vol.

Water Supply—Src., lake; sys., pump to res.; res. cap., 400,000 gals.; pump. eng., cap. day 100,000 gals.; mains, iron, 4 m., 4 to 6 in. dia.; 37 hyd.; 7 v.; 75 serv.; pres., dom. 65 lbs., f. 100 lbs.; cost, \$12,000; cost mtce., \$250; wks. owned by city.

PORT CHESTER, p. 12,809; merc. bldgs., wd. & bk., 2 1/2 & 3 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 2 h. & l. trk., 1 aer. trk., 2 hose wag., 5 hose car.; hose, cot., rub. lined, gd., 8,500 ft.; inf., 500 ft.; tot. hose, 9,000 ft.; f. al., elec., 36 bx.; val. equip., \$15,000; val. bldgs., \$125,000; exp. dept., \$2,500; tot. mem., 300 vol.

Water Supply—Src., lakes; sys., grav.; stdp. cap., 1,250,000 gals.; res. cap., 1,082,000,000 gals.; mains, 20 m., 4 to 16 in. dia.; 181 hyd.; met., 2,075; pres., dom. 95 lbs., f. 95 lbs.; wks. owned by Co.

PORT EWEN, p. 1,800; f. area, 960 a.; bldgs., bk., 2 stor.; wd. rfa. not perm.; no fwks. & combt. ord. F. dept.—4 c. hand ex., 1 c. eng., 1 h. & l. trk., buckets, 2 hrs.; f. al., elec.; tot. mem., 56 vol.

Water Supply—Src., wells; no waterwks.

PORT HENRY, p. 2,266; f. area, 960 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk., conc. & wd., 1 1/2 to 2 1/2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk., 3 hose car.; hose, rub., gd., 1,250 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$7,000; tot. mem., 90 vol.

Water Supply—Src., spr. & brook, 2 1/4 m. bus. cent.; sys., grav.; res. cap., 700,000 gals.; mains, c. l., 9 m., 4 to 9 in. dia.; 57 hyd.; 35 v.; met., 2; 402 serv.; pipe, iron; pres., dom. 40 lbs., f. 105 lbs.; cost, \$50,000; wks. owned by village.

PORT JEFFERSON, p. 2,026; f. area, 325 a.; bldgs., bk. & wd., 2 stor.; wd. rfa. perm.; no fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., pumps, pails, rope, chains, hooks, 2 hose car., hrs. hired; hose, cot., rub. lined, 2,100 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$350; tot. mem., 90 vol.

Water Supply—Src., wells, 1/4 m. bus. cent.; sys., pump dir.; stdp. cap., 182,000 gals.; res. cap., 382,000 gals., loc. 1/4 m. bus. cent.; 2 pump. eng., cap. day 288,000 gals.; mains, c. l., 4 m., 4 to 10 in. dia.; 52 hyd.; 22 v.; 20 met.; 800 serv.; pipe, galv. l.; pres., dom. 97 lbs., f. 97 lbs.; cons. day, 125,000 gals.; cost, \$32,285; cost mtce., \$200; wks. owned by Co.

PORT JERVIS, p. 9,564; merc. bldgs., bk., 3 & 4 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 1 patrol wag., 6 hose car., 5 hrs.; hose, rub., gd., 5,000 ft.; inf., 500 ft.; tot. hose, 5,500 ft.; f. al., wh.; val. equip., \$16,000; val. bldgs., \$18,000; exp. dept., \$5,000; tot. mem., 280, pd. full time 2, pd. part time 3, vol. 275.

Water Supply—Src., spr. & brooks, 1 to 3 m. bus. cent.; sys., grav.; res. cap., 733,000,000 gals.; mains, c. l., 22 m., 4 to 24 in. dia.; 155 hyd.; 81 v.; met., 60; 1,703 serv.; pipe, lead & galv. l.; pres., dom. 60 lbs., f. 60 lbs.; cost, \$286,000; cost mtce., \$14,000; wks. owned by Co.

PORTVILLE, p. 758. F. dept.—Not reported. Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 180,000 gals.; mains, c. l., 4 to 6 in. dia.; 32 hyd.; met., 126; pipe, c. l.; pres., dom. 85 lbs., f. 85 lbs.; cost, \$12,000; cost mtce., \$200; wks. owned by city.

PORT WASHINGTON, p. 4,500; f. area, 3,000 a.; bldgs., wd., 2 & 3 stor.; wd. rfa. perm. F. dept.—1 hand eng., 6 c. hand ex., 1 h. & l. trk., 2 hose wag., 3 hose car., 6 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$7,000; tot. mem., 225 vol.

Water Supply—Src., wells; sys., pump to stdp.

POTSDAM, p. 4,036; f. area, 20 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng.

1 h. & 1 trk., 2 c. hand ex., 1 hose wag., 2 hose car., 2 comb. c. & h. wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., elec., 10 bx.; val. equip., \$10,000; val. bldgs., \$7,400; exp. dept., \$1,450; tot. mem. 40, pd. full time 2, vol. 88.

Water Supply—Src., riv.; sys., pump. dir.; 4 pump. eng., cap. day, 4,000,000 gals.; mains, wd., iron, cem., 17 m., 4 to 12 in. dia.; 104 hyd.; 160 v.; met., 3; 1,200 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 85 lbs.; cons. day, 800,000 gals.; cost, \$80,000; cost mtce., \$4,000; wks. owned by city.

POUGHKEEPSIE, p. 27,986; f. area, 14,000 a.; merc. bldgs., bk., 3 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 auto. pump. eng., 3 str., 2 h. & 1 trk., 12 c. hand ex., 2 aer. trk., 4 hose wag., 4 comb. c. & h. wag., 2 hose car., 16 hrs.; hose, cot., rub. lined, gd., 10,150 ft.; c., 900 ft.; tot. hose, 11,050 ft.; f. al., Gamewell, bell & wh., 55 bx.; val. equip., \$40,000; val. bldgs., \$100,000; exp. dept., \$12,000; tot. mem., 786 vol.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., pump to res.; res. cap., 12,000,000 gals.; 4 pump. eng., cap. day 20,000,000 gals.; mains, c. l., 86,624 m., 6 to 18 in. dia.; 628 hyd.; met., 4,516; 3,997 serv.; pipe, lead; pres., dom. 80 lbs., f. 110 lbs.; cons. day, 2,600,000 gals.; cost, \$808,771; cost mtce., \$40,000; wks. owned by city.

PULASKI, p. 1,788; f. area, 450 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$2,600; tot. mem., 29 vol.

Water Supply—Src., spr., brook; sys., pump dir.; res. cap., 2,000,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 42 hyd.; 8 v.; 302 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 150 lbs.; cost, \$83,000; cost mtce., \$250; wks. owned by village.

RANDOLPH, p. 1,298; f. area, 80 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., strn. wh.; val. equip., \$4,000; val. bldgs., \$6,000; exp. dept., \$250; tot. mem., 106 vol.

Water Supply—Src., spr., 2½ m. bus. cent.; sys., grav.; res. cap., 1,400,000 gals.; mains, c. l., 6½ m., 4 to 8 in. dia.; 34 hyd.; 21 v.; 380 serv.; pipe, black & galv. i.; pres., dom. 70 lbs., f. 100 lbs.; cost, \$30,000; wks. owned by city.

RAVENA, p. 607; f. area, 300 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels, ladders, etc.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$2,200; val. bldgs., \$5,000; exp. dept., \$200; tot. mem., 40 vol.

Water Supply—Src., creeks, 3 m. bus. cent.; sys., grav., pump to res.; res. cap., 3,500,000 gals., loc. ½ m. bus. cent.; 1 pump. eng., cap. day 420,000 gals.; mains, c. l., 7½ m., 4 to 12 in. dia.; 58 hyd.; 26 v.; met., 4; 165 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 60 to 100 lbs.; cons. day, 200,000 gals.; cost, \$55,000; cost mtce., \$300; wks. owned by Co.

RED HOOK, p. 980; f. area, 1 sq. m.; merc. bldgs., bk., 2 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 c. hand ex., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., Gamewell, 8 bx.; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$400; tot. mem., 52 vol.

RENSELAER, p. 10,711; f. area, 800 a.; bldgs., bk., conc. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—4 comb. c. & h. wag., 2 h. & 1 trk., 2 hand jumpers, 10 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., elec., 18 bx.; val. equip., \$22,000; val. bldgs., \$14,000; exp. dept., 2,500; tot. mem. 356, pd. full time 6, vol. 850.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to res.; res. cap., 6,000,000 gals.; 3 pump. eng., cap. day 6,000,000 gals.; mains, 18

m., 4 to 16 in. dia.; 182 hyd.; met., 38; 1,800 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 130 lbs.; cost, \$250,000; cost mtce., \$20,000; wks. owned by Co.

ROHNEBECK, p. 1,548; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 6 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 450 ft.; tot. hose, 1,950 ft.; f. al., bell; val. equip., \$9,250; val. bldgs., \$5,150; exp. dept., \$1,200; tot. mem. 116, pd. part time 2, vol. 114.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump dir.; res. cap., 500,000 gals., loc. 2,000 ft. station; 2 pump. eng., class trip, cap. day 400,000 gals.; 2 deep well pumps, cap. 125 gals. each min.; mains, c. l., 8 m., 4 to 8 in. dia.; 49 hyd.; 15 v.; 386 met.; 365 serv.; pres., dom. & f. 85 lbs.; cons. day, 175,000 gals.; wks. owned by Co.

RICHFIELD SPRINGS, p. 1,503; f. area, 60 a.; merc. bldgs., bk. & wd., 1½ to 5 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand c. eng., 2 h. & 1 trk., 17 c. hand ex., 5 hose reels, 1 hose sleigh; hose, cot., rub. lined, gd., 2,500 ft.; f. al., elec. & compressed air, 12 bx.; val. equip., \$4,625; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 116 vol.

Water Supply—Src., spr. & lake, 3 m. bus. cent.; sys., grav. & pump to res.; res. cap., 13,000,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. l., 8 m., 4 to 10 in. dia.; 50 hyd.; 39 v.; met., 140; 450 serv.; pipe, wrt. i.; pres., dom. 70 lbs., f. 80 lbs.; cost, \$80,000; cost mtce., \$1,500; wks. owned by city.

RICHMOND HILL, p. 900. F. dept.—3 h. & 1 trk., 2 hose carts; f. al., telp. & bell.

RICHMONDVILLE, p. 599; f. area, 640 a.; merc. bldgs., wd., 2 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., c. hand ex., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 200 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$750; val. bldgs., \$1,500; exp. dept., \$50; tot. mem., 30 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 4,000,000 gals.; mains, 5½ m., 4 to 12 in. dia.; 34 hyd.; pipe, iron; pres., dom. 80 lbs., f. 80 lbs.; cons. day, 25,000 gals.; cost, \$28,000; cost mtce., \$100; wks. owned by village of Richmondville.

RIVERHEAD, p. 2,017; f. area, 1,600 a.; merc. bldgs., stn., bk., 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—2 str., 2 hand eng., 1 h. & 1 trk., 1 aer. trk., 5 hose car.; hose, cot., rub. lined, gd., 5,500 ft.; f. al., bell & wh.; val. equip., \$7,000; val. bldgs., \$3,200; exp. dept., \$2,000; tot. mem. 130 vol.

Water Supply—Src., wells, 500 ft. bus. cent.; sys., pump to tk.; std. cap., 76,000 gals.; res. cap., 76,000 gals.; 2 pump. eng., cap. day, 850,000 gals.; mains, iron, 2½ m., 4 to 8 in. dia.; 15 hyd.; 20 v.; 125 serv.; pipe, galv. i.; pres., dom. 33 lbs., f. 75 lbs.; cons. day, 60,000 gals.; cost, \$15,000; cost mtce., \$1,500; wks. owned by Co.

ROCHESTER, p. 218,149; f. area, 11,635 a.; merc. bldgs., stn. & bk., 2 to 12 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. c. & h. wag., 15 str., 6 h. & 1 trk., 70 c. hand ex., 3 aer. trk., 5 hose wag. (2 in reserve), 14 comb. c. & h. wag., 1 water tower, 1 saltwater wag., 2 supply wag., 19 exercise wag., 7 chit's auto., 120 hrs. (14 in reserve); hose, cot., rub. lined, gd., 55,500 ft. (14,000 ft. in reserve); f. al., Gamewell, 356 bx.; val. equip., \$26,000; val. bldgs., \$704,630; exp. dept., \$443,960; tot. mem. 327, pd. full time.

Water Supply—Src., lake, 20 m. bus. cent.; sys., grav.; res. cap., 225,000,000 gals.; 5 pump. eng. for additional separate f. protection sys.; cap. day, 12,000,000 gals.; mains, c. l., 364 m., 4 to 36 in. dia.; 4,600 hyd.; 7,344 v.; met., 44,122; 43,951 serv.; pipe, lead & iron; pres., d.w. 50 lbs., f. 125 lbs.; cons. day, 10,000,000 gals.; cost, \$9,028,000; cost mtce., \$200,000; wks. owned by city.

ROCKAWAY BEACH (Greater New York), p. 2,500; merc. bldgs. bk. & wd., 2 & 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 str., 1 h. & 1 trk., 1 hose car, 6 hose car.; hose, rub. lined, gd., 5,200 ft.; f. al., bell; val. equip., \$15,475; val. bldgs., \$10,000; tot. mem., 127.

Water Supply—Src., supplied by Far Rockaway.

ROCKLAND LAKE, p. 1,200; f. area, 640 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 stm. pump, 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., bell & wh.; val. equip., \$2,500; exp. dept., \$200; tot. mem., 32 vol.

ROCKVILLE CENTER, p. 3,667; f. area, 1,280 a.; merc. bldgs., bk., 2½ to 4 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—16 c. hand ex., 2 h. & 1 trk., 5 hose wag.; hose, cot., rub. lined, gd., 3,000 ft.; rub. gd., 1,000 ft.; tot. hose, 4,000 ft.; f. al., wh.; val. equip., \$10,000; val. bldgs., \$6,500; tot. mem., 207 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 235,000 gals.; dim., 20 x 100; mat., wrt. i.; 3 pump. eng., cap. day, 2,200,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 115 hyd.; 55 v.; 1,262 serv.; 65 met.; pipe, galv. i.; pres., dom. & f. 4½ lbs.; cons. day, 420,000 gals.; cost, \$50,000; cost mtce., \$1,000; wks. owned by village.

ROME, p. 20,497; merc. bldgs., bk., 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 comb. wag., 1 aer. h. & 1 trk., 6 c. hand ex., 1 hose wag., 9 hra.; hose, cot., rub. lined, gd., 9,400 ft.; f. al., Gamewell, 46 bx.; exp. dept., \$20,000; tot. mem., 120, pd. full time 14, pd. part time 6, vol. 100.

Water Supply—Src., Fish Creek, 13 m. bus. cent.; sys., grav., res. cap., 15,000,000 gals.; mains, c. i. & cem., 50 m., 4 to 30 in. dia.; 325 hyd.; 330 v.; 195 met.; \$982 serv.; pipe, lead; pres., dom. 70 to 90 lbs.; f. 70 to 90 lbs.; cons. day, 5,000,000 gals.; cost, \$1,000,000; cost mtce., \$10,000; wks. owned by city.

ROSENDALE, p. 1,125; bldgs., wd. & bk., 1 to 2 stor. F. dept.—Hose company; 35 vol.

Water Supply—Src., spr., sys., grav.; res. cap., 3,650,000 gals.; 85 hyd.; 91 serv.; pres., f. 130 lbs.; wks. owned by village.

ROSLYN, p. 1,800; f. area, 640 a.; merc. bldgs., wd., 2½ stor.; priv., wd., 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. hose trk., 1 c. eng., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$3,000; tot. mem., 125 vol.

Water Supply—Src., artesian wells, sys., dir. pres.; stdp. cap., 150,000 gals.; mains, iron, 14 m., 6 in. dia.; 135 hyd.; pres., dom. 80 lbs., f. 75 to 135 lbs.; wks. owned by municipality.

ROUSE'S POINT, p. 1,638; f. area, 1,380 a.; merc. bldgs., stn., bk. & wd., 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,500 ft.; tot. hose, 3,500 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$3,000; tot. mem., 50 vol.

Water Supply—Src., lake, in bus. cent.; sys., pump to stdp.; stdp. cap., 148,000 gals.; dim., 15 x 112, loc. south side Liberty street; mat., iron; 2 pump. eng., cap. day, 1,000,000 gals.; mains, iron, 7 m., 4 to 10 in. dia.; 67 hyd.; 44 v.; met., 48; 382 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 150 lbs.; cons. day, 155,982 gals.; cost, \$42,000; cost mtce., \$4,000; wks. owned by city.

RYE, p. 3,964; f. area, 2,000 a.; merc. bldgs., bk. & wd., 3 stor.; priv., bk. & wd., 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & 1 trk., 6 c. hand ex., 1 aer. trk., 2 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$4,500; exp. dept., \$800; tot. mem., 90 vol.

Water Supply—Supplied by N. Y. Inter-Urban Water Co.; mains, c. i., 14½ m., 4 to 12 in. dia.; 84 hyd.; pres., 60 to 100 lbs.

SACKETTS HARBOR, p. 868; f. area, 400 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd. & bk.,

1½ to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 6 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 400 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$2,500; exp. dept., \$300; tot. mem., 36, pd. full time 2, vol. 34.

Water Supply—Src., lakes, wells & res., 500 ft. bus. cent.; sys., pump dir. to mains; 5 pump. eng.; cost, \$3,000; wks. owned by village.

SAG HARBOR, p. 3,408; f. area, 1,920 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., wh.; val. equip., \$10,500; val. bldgs., \$5,000; exp. dept., \$1,500; tot. mem., 150 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 240,000 gals.; pump. eng., cap. day 500,000 gals.; mains, 4½ m., 4 to 10 in. dia.; 48 hyd.; pres., dom. 50 lbs., f. 50 lbs.; wks. owned by Co.

ST. JOHNSVILLE, p. 2,536; f. area, 640 a.; bldgs., wd. & bk., 2 & 3 stor.; wd. rfs. perm. F. dept.—6 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 1,000 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., elec., 8 bx.; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$100; tot. mem., 120 vol.; undrs. rating, first class.

Water Supply—Src., spr., 7 m. bus. cent.; sys., grav.; 2 res. cap., 2,000,000 gals.; mains, 12 m., 4 to 10 in. dia.; 67 hyd.; 600 serv.; 125 met.; pres., dom. & f., 110 lbs.; cost, \$36,000; cost mtce., \$1,200; wks. owned by city.

SALAMANCA, p. 5,792; f. area, 800 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 1 h. & 1 trk., 1 hose wag., 3 hose car., 1 comb. c. & h. wag., 2 hra.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 600 ft.; tot. hose, 3,000 ft.; f. al., wh., 22 bx.; val. equip., \$8,000; val. bldgs., \$8,000; exp. dept., \$1,000; tot. mem., 150 vol.

Water Supply—Src., spr., 1½ to 2 m. bus. cent.; sys., grav., pump to wells; res. cap., 7,600,000 gals.; pump. eng., cap. day 3,000,000 gals.; mains, iron, 12 m., 2 to 12 in. dia.; 89 hyd.; 96 v.; 1,300 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 110 lbs.; cost, \$129,000; cost mtce., \$2,000; wks. owned by municipality.

SALEM, p. 1,250; f. area, 500 a.; bldgs., stn., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 1,000 ft.; tot. hose, 3,500 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$3,500; exp. dept., \$677.13; tot. mem., 136, pd. part time 3, vol. 133; undrs. rating, second class.

Water Supply—Src., cisterns, creek & wells.

SANDY HILL, p. 5,500; f. area, 35 a.; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 hose car., 1 comb. wag., 4 hand ex., 2 hra.; hose, cot., rub. lined, gd., 3,700 ft.; exp. dept., \$1,000; tot. mem., 105 vol.

Water Supply—Src., spr., ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 230,000 gals.; dim., 18 x 120; mat., stl.; res. cap., 4,000,000 gals.; 4 pump. eng., cap. day 4,780,000 gals.; mains, c. i., 18 m., 4 to 12 in. dia.; 110 hyd.; 116 v.; met., 500; 950 serv.; pres., dom. 50 lbs.; f. 50 lbs.; cons. day, 600,000 gals.; cost, \$204,799; cost mtce., \$9,800; wks. owned by priv. Co.

SARANAC LAKE, p. 4,893. F. dept.—1 comb. c. & h. wag., 1 h. & 1 trk., 2 hose carts, 4 hra., 3,000 ft. hose; tot. mem., 77, pd. full time 2, vol. 76.

SARATOGA SPRINGS, p. 12,693; f. area, 800 a.; merc. bldgs., bk., 3 to 6 stor.; priv., wd., 2½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 h. & 1 trk., 7 c. hand ex., 1 aer. trk., 3 hose wag., 1 hose car., 4 hra.; hose, cot., rub. lined, gd., 4,200 ft.; inf., 3,500 ft.; tot. hose, 7,700 ft.; f. al., bell & tel., 43 bx.; val. bldgs., \$18,000; exp. dept., \$12,900; tot. mem., 23, pd. full time 10, pd. part time 18.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 12,000,000 gals.;

mains, c. l., 25 m., 4 to 20 in. dia.; 240 hyd.; 500 v.; met., 2,653; 2,650 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 110 lbs.; cons. day, 2,200,000 gals.; cost mtce., \$20,000; wks. owned by city.

SAUGERTIES, p. 3,929; mere. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 2 c. hand ex., 1 h. & l. trk., 4 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.; tot. mem., 180 vol.

Water Supply—Src., spr. & creek, 6 m. bus. cent.; sys., grav.; res. cap., 7,500,000 gals., loc. at Fawns; mains, c. l., 15 m., 4 to 16 in. dia.; 88 hyd.; 100 v.; met., 166; 763 serv.; pipe, galv. i. & lead; pres., dom. 75 to 140 lbs., f. 75 to 140 lbs.; cost, \$112,000; cost mtce., \$2,000; wks. owned by city.

SAYVILLE, p. 2,300; f. area, 1,920 a.; mere. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 h. & l. trk., 3 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$25,000; tot. mem., 120 vol.

Water Supply—Src., wells & Great South Bay Water Co.

SCHAGHTICOKE, p. 765; f. area, 300 a.; bldgs., bk. & wd., 2 & 3 stor. F. dept.—1 hand eng., 1 hose wag., 1 hose cart; hose, 600 ft.; f. al., bell; val. equip., \$700; exp. dept., \$150; tot. mem., 35 vol.

Water Supply—Src., riv., cisterns, wells.

SOHENECTADY, p. 72,826; f. area, 3½ sq. m.; mere. bldgs., stn., bk. & wd., 2 to 3 stor.; priv., wd., 2 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 auto. comb. c. & h. wag., 1 auto. tractor trk., 2 str., 6 comb. c. & h. wag., 50 c. hand ex., 2 h. & l. trk., 2 water towers, 2 aer. trk., 2 hose wag., 36 hrs.; hose, 20,000 ft.; f. al., Gamewell & Star, 100 bx.; val. equip., \$150,000; val. bldgs., \$275,000; exp. dept., \$220,000; tot. mem., 416, pd. full time 90, pd. part time 2, vol. 324.

Water Supply—Src., 8 underground collecting galleries, 3 m. bus. cent.; sys., pump to stdp. & dir. to mains; stdp. cap., 3,000,000 gals., dim. 32 x 100, 90 x 50; mat., stl.; 3 pump. eng., class centrif., cap. day 27,000,000 gals.; mains, stl. & c. l., 97 m., 4 to 36 in. dia.; 1,400 hyd.; 2,298 v.; 187 met.; 12,000 serv.; pipe, galv. i. & lead; pres., dom. 86 lbs., f. 86 lbs.; cons. day, 10,809,000 gals.; cost, \$939,000; cost mtce., \$25,000; wks. owned by city.

SCHOHARIE, p. 966; f. area, 2,600 a.; mere. bldgs., bk., 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; leather, gd., 700 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$2,700; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 48 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 350,000 gals.; mains, 5 m., 4 to 8 in. dia.; 51 hyd.; 25 v.; 70 serv.; pres., f. 75 to 90 lbs.; cost, \$29,000; wks. owned by city.

SCHUYLERVILLE, Saratoga Co., p. 1,614; mere. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 800 ft.; tot. hose, 1,600 ft.; f. al., bell & wh.; val. equip., \$5,480; val. bldgs., \$4,000; exp. dept., \$60; tot. mem., 90 vol.

Water Supply—Src., wells & canal, wells for dom. use, canal for f.; waterwks. in course of construction.

SEACLIFF, p. 1,790; f. area, 1 sq. m.; mere. bldgs., wd. 2 stor.; priv., bk., wd. & cem.; 2 stor.; wds. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 2 comb. c. & h. wag., 1 auto. hose & tractor, 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al.; bell; val. equip., \$12,000; val. bldgs., \$5,000; exp. dept., \$1,000; tot. mem., 120 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 235,000 gals.; mat., iron; 2 pump. eng., class comp. dup., cap. day, 1,500,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 56 hyd.; 38 v.; met., 3; pres., dom. 50 lbs., f. 100 lbs.; wks. owned by Co.

SENECA FALLS, p. 6,588; mere. bldgs., bk., 2 to 4 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.;

no fwks. & combt. ord. F. dept.—2 str., 1 c. eng., 6 c. hand ex., 2 h. & l. trk., 1 hose wag., 3 hose carts, 4 hrs.; hose, linen, gd., 4,500 ft.; int., 400 ft.; tot. hose, 4,900 ft.; f. al., bell, 12 bx.; val. equip., \$9,500; val. bldgs., \$6,000; exp. dept., \$9,500; tot. mem., 52, pd. full time 2, vol. 30.

Water Supply—Src., lake; sys., pump to stdp.; stdp. cap., 600,000 gals.; mat., stl.; pump. eng., cap. day 3,000,000 gals.; mains, iron, 13 m., 4 to 14 in. dia.; 116 hyd.; 128 v.; 1,400 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 80 lbs.; cons. day, 900,000 gal.; wks. owned by Co.

SHERBURNE, p. 960; f. area, 15 a.; mere. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 3 hose car., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,500 ft.; int., 1,000 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$3,000; tot. mem., 70 vol.

Water Supply—Src., spr. & brooks, 2½ m. bus. cent.; sys., grav.; 2 res. comb. cap. 30,000,000 gals.; mains, c. l., 4 1-5 m., 4 to 10 in. dia.; 26 hyd.; 18 v.; pipe, c. l.; pres., dom. 60 lbs., f. 195 lbs.; cost, \$45,000; cost mtce., \$200; wks. owned by city.

SHORTSVILLE, p. 1,112; f. area, 200 a. F. dept.—1 h. & l. trk., 1 hose cart; val. equip., \$500.

Water Supply—Src., spr. & wells, ¼ m. bus. cent.; sys. pump to stdp.; stdp. cap., 75,000 gals., dim. 20 x 25; mat., stl.; res. cap., 25,000 gals.; 2 pump. eng., cap. day 360,000 gals. each; mains, c. l., 4½ m., 4 to 10 in. dia.; 41 hyd.; 48 v.; met., 208; 208 serv.; pipe, lead & iron; pres., dom. & f., 56 to 72 lbs.; cons. day, 20,000 gals.; cost, \$32,500; wks. owned by city.

SIDNEY, p. 2,507; f. area, 450 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, 1,400 ft.; rub. gd., 50 ft.; int., 400 ft.; tot. hose, 1,850 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$500; tot. mem., 75 vol.

Water Supply—Src., spr. & creeks, 2½ m. bus. cent.; sys., grav.; res. cap., 112,000,000 gals.; mains, c. l., 14 m., 4 to 12 in. dia.; 54 hyd.; 84 v.; 540 serv.; pipe, c. l.; pres., dom. & f., 90 lbs.; cost, \$189,000; cost mtce., \$2,600; wks. owned by priv. Co.

SILVER CREEK, p. 2,512; f. area, 600 a.; mere. bldgs., bk. & wd., 2½ stor.; priv., wd., 2½ & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., telp.; val. equip., \$4,500; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 100 vol.

Water Supply—Src., spr., 8 m. bus. cent.; sys., grav.; 2 res., No. 1 cap. 65,000,000 gals., No. 2 cap. 3,000,000 gals.; cons. day, 600,000 to 1,000,000 gals.; mains, 20 m., 4 to 20 in. dia.; 96 hyd.; 650 serv.; pres., dom. 130 lbs., f. 130 to 170 lbs.; cost, \$100,000; cost mtce., \$1,500; wks. owned by city.

SKANEATELES, p. 1,615; f. area, 640 a.; mere. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—2 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,300 ft.; fair, 1,500 ft.; tot. hose, 3,700 ft.; f. al., bell & wh.; val. equip., \$2,800; val. bldgs., \$8,000; tot. mem., 50 vol.

Water Supply—Src., lake, 4,000 ft. bus. cent.; sys., pump to res.; dim., 112 x 10; mat., conc. & stn.; res. cap., 550,000 gals., loc. 1½ m. village; 1 pump. eng., cap. day 750,000 gals.; mains, iron, 6½ m., 4 to 8 in. dia.; 72 hyd.; 39 v.; met., 14; 217 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 70 lbs.; cost, \$44,000; cost mtce., \$2,500; wks. owned by village.

SODUS, p. 1,100; bldgs., wd. F. dept.—1 h. & l. trk., 1 comb. eng., 1 hose car.; hose, 500 ft.; tot. mem., 50 vol.

Water Supply—Src., spr., ½ m. bus. cent.; res. cap., 200,000 gals.; 1 pump. eng., cap. day 150,000 gals.; mains, c. l., 4½ m., 6 to 8 in. dia.; 56 hyd.; pres., dom. 35 lbs.; cost, \$25,000; wks. owned by Co.

SOLVAY, p. 5,139; f. area, 640 a.; mere. bldgs., stn., bk., iron & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 supply wag., 5 hose car.; hose, cot., rub. lined, gd., 6,600 ft.; f.

al. bell & wh., 16 bx.; val. equip., \$10,000; val. bldgs., \$5,000; tot. mem., 90 vol.

Water Supply—Src., spr. & tap to Suburban Water Co.; sys., pump dir. to res.; res. cap., 6,000,000 gals.; 2 pump. eng., class trip. & centrif., cap. 3,300 gals. min.; mains, c. i., 12 m., 4 to 12 in. dia.; 135 hyd.; 900 met.; 900 serv.; pipe, lead & galv. l.; pres., 50 to 140 lbs.; cons. day, 400,000 gals.; cost, \$75,000; cost mtce., \$10,000; wks. owned by municipality.

SOUTHAMPTON, p. 2,509; f. area, 5,000 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2½ stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 5 hose car.; hose, cot., rub. lined, gd., 8,000 ft.; rub., gd., 146 ft.; inf., 550 ft.; tot. hose, 8,696 ft.; f. al. bell & wh.; val. equip., \$4,000; val. bldgs., \$4,000; exp. dept., \$800; tot. mem., 100 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., 2 pump. eng., cap. day 1,500,000 gals.; mains, iron, 16½ m., 4 to 8 in. dia.; 101 hyd.; 106 v.; 523 serv.; pipe, galv. l.; pres., dom. 55 lbs., f. 100 lbs.; cons. day, 367,125 gals.; cost, \$83,585; cost mtce., \$5,900; wks. owned by Co.

SO. GLENS FALLS, p. 2,247; f. area, 640 a.; merc. bldgs., 3 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; f. al. telep.; val. equip., \$2,500; exp. dept., \$1,000; tot. mem., 60 vol.

Water Supply—Src., spr.; sys., pump to stdp.; res. cap., 800,000 gals.; mains, 5½ m., 4 to 14 in. dia.; 69 hyd.; pres., dom. 60 lbs., f. 120 lbs.; cost, \$54,000; cost mtce., \$2,400.

SOUTHCOLD, p. 1,500; f. area, 1,380 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. ris. perm. in f. area. F. dept.—2 hand eng., 2 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 700 ft.; inf., 200 ft.; tot. hose, 900 ft.; f. al. bell; val. equip., \$1,500; val. bldgs., \$3,000; exp. dept., \$400; tot. mem., 40 vol.

Water Supply—Src., wells & cisterns.

SPENCER, p. 569; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., wd., 1 to 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex.; f. al. bell; val. equip., \$850; exp. dept., \$50 to \$100; tot. mem., 30 vol.

Water Supply—Src., cisterns.

SPRINGFIELD, p. 3,000; f. area, 75 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. ris. perm. F. dept.—1 str., 2 c. eng., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al. wh.; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 25 vol.

Water Supply—Src., pond; sys., pump dir.; 2 pump. eng.; 9 hyd.; cost, \$1,500; wks. owned by village.

SPRING VALLEY, p. 2,353; f. area, 1,200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk., str. & wd., 1 to 3 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 auto. pump. eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 1,900 ft.; tot. hose, 2,900 ft.; f. al. gong; val. equip., \$15,000; val. bldgs., \$20,000; exp. dept., \$1,500; tot. mem., 120 vol.

Water Supply—Src., str., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., \$35,000 gals., dim. 20 x 100, loc. ½ m. village; mat., iron; res. cap., 3,000,000 gals.; 2 pump. eng., class centrif., cap. day, 2,160,000 gals.; mains, c. i., 40 m., 6 to 20 in. dia.; 250 hyd.; 70 v.; 500 serv.; pipe, lead & galv. l.; pres., dom. & f. 60 to 175 lbs.; cons. day, 200,000 gals.; wks. owned by priv. Co.

SPRINGVILLE, p. 2,246. F. dept.—1 h. & l. trk., 3 hose carts, 1 supply wag., 1,600 ft. hose; tot. mem., 44 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to res.; res. cap., 875,000 gals.; 1 pump. eng., cap. day, 300,000 gals.; mains, 8 m., 4 to 12 in. dia.; 53 hyd.; 20 v.; 17 met.; 500 serv.; pipe, wd.; pres., dom. 50 lbs., f. 80 lbs.; cons. day, 300,000 gals.; cost, \$52,000; cost mtce., \$2,000; wks. owned by village.

STAMFORD, p. 978; merc. bldgs., wd., 2 to 4 stor.; priv., wd., 2 to 4 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F.

dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 400 ft.; tot. hose, 1,600 ft.; f. al. bell; val. equip., \$1,000; val. bldgs., \$8,000; exp. dept., \$250; tot. mem., 60 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; mains, c. i., 5 m., 4 to 8 in. dia.; 36 hyd.; 190 serv.; pipe, lead; pres., dom. & f., 110 lbs.; cost, \$60,000; cost mtce., \$400; wks. owned by priv. Co.

STAPLETON (Greater New York)—See New Brighton.

STILLWATER, p. 1,004; bldgs., bk. & wd., 2 & 3 stor.; wd. ris. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al. bell; val. equip., \$7,000; val. bldgs., \$4,000; exp. dept., \$700; tot. mem., 85 vol.

Water Supply—Src., riv., canal; sys., pump to res., to stdp. & dir.

ST. JOHNSVILLE, p. 2,536; f. area, 5 a.; merc. bldgs., bk. & str., 1 to 4 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 7 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al. wh.; val. equip., \$2,000; val. bldgs., \$4,000; exp. dept., \$200; tot. mem., 112 vol.

SUFFERN, p. 2,663; f. area, 100 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; f. al. Gamewell, 11 bx.; val. equip., \$3,750; val. bldgs., \$7,250; exp. dept., \$600; tot. mem., 78 vol.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump to res.; res. cap., 570,000 gals.; 2 pump. eng., cap. day, 850,000 gals.; mains, 8 m., 4 to 6 in. dia.; 37 hyd.; 100 v.; 600 serv.; pipe, c. i.; pres., dom. 75 lbs., f. 90 lbs.; cons. day, 140,000 gals.; cost, \$66,000; cost mtce., \$2,500; wks. owned by municipality.

SYRACUSE, p. 137,249; f. area, 16½ sq. m.; merc. bldgs., str. & bk., 1 to 12 stor.; priv., str., bk. & wd., 1 to 4 stor.; wd. ris. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—10 str., 4 h. & l. trk., 38 c. hand ex., 4 aer. trk. (1 in reserve), 9 hose wag. (1 in reserve), 4 comb. c. & h. wag., 1 water tower, 2 chief's auto., 3 chief's wag. (3 in reserve), 1 supply wag. (2 in reserve), 14 exercise wag., 88 hrs.; hose, cot., rub. lined, gd., 24,850 ft. (1,050 ft. in reserve); f. al. Gamewell, 186 bx.; val. equip., \$200,000; val. bldgs., \$300,000; exp. dept., \$235,520; tot. mem., 164, pd. full time.

Water Supply—Src., lake, 20 m. bus. cent.; sys., grav.; res. cap., 121,000,000 gals., loc. 1 m. bus. cent.; mains, c. i., 210 m., 4 to 36 in. dia.; 3,186 hyd.; 2,952 v.; 23,112 met.; 25,600 serv.; pipe, lead; pres., dom. & f. 90 to 100 lbs.; cons. day, 15,000,000 gals.; cost, \$6,000,000; cost mtce., \$100,000; wks. owned by city.

TARRYTOWN, p. 5,600; f. area, 3,900 a.; merc. bldgs., str., bk. & wd., 2 & 3 stor.; priv., str., bk. & wd., 3 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 10 c. hand ex., 1 auto. comb. c. & h. wag., 1 auto. h. & l. trk., 1 aer. trk., 2 hose wag., 7 hose car., 3 comb. c. & h. wag., 11 hrs.; hose, 8,000 ft.; f. al. bell & wh., 30 bx.; val. equip., \$18,000; val. bldgs., \$14,000; exp. dept., \$3,200; tot. mem., 200 vol.

Water Supply—Src., brooks, 1½ m. bus. cent.; sys., pump to res., loc. on Butternut Hill; res. cap., 1,885,000 gals. & 1,000,000 gals.; 4 pump. eng., class comp. & trip., cap. day, 6,500,000 gals.; mains, c. i., 24.8 m., 4 to 24 in. dia.; 231 hyd.; 362 v.; met., 956; 956 serv.; pipe, galv. l.; pres., dom. & f. 40 to 220 lbs.; cons. day, 780,000 gals.; cost, \$540,000; cost mtce., \$14,000; wks. owned by village.

THERESA, p. 932; merc. bldgs., str., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al. bell; val. equip., \$1,700; val. bldgs., \$1,000; exp. dept., \$265; tot. mem., 45 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 17,500 gals., dim. 20 x 60; mat., iron; 1 pump. eng., cap. day 864,000

gals.; mains, iron, 3½ m., 4 to 8 in. dia.; 37 hyd.; 15 v.; 206 met.; 213 serv.; pipe, galv. i.; pres., dom. 68 lbs.; f. 125 lbs.; cost, \$20,500; cost mtce., \$1,400; wks. owned by city.

TICONDEROGA, p. 2,475; f. area, 100 a.; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 1½ & 2 stor.; wd. ris. not perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 750 ft.; linen, 1,400 ft.; inf., 600 ft.; tot. hose, 2,750 ft.; f. al., bell; val. equip., \$3,750; val. bldgs., \$8,000; tot. mem., 75 vol.

Water Supply—Src., lake; sys., grav.; res. cap., 2,000,000 gals.; mains, 5 m., 4 to 12 in. dia.; 36 hyd.; 14 v.; pres., f. 200 lbs.; cost, \$75,000; cost mtce., \$3,313; wks. owned by city.

TIVOLI, p. 1,034; f. area, 850 a.; bldgs., bk., stn. & wd., 3 stor.; wd. ris. perm. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 1 hose car., 1 hose reel; hose, cot., rub. lined, gd., 1,500 ft.; inf., 800 ft.; tot. hose, 2,800 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$12,000; exp. dept., \$500; tot. mem., 100 vol.

Water Supply—Src., riv., cisterns, creek & wells. **TONAWANDA**, p. 8,290; f. area, 100 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 c. hand ex., 1 aer. trk., 3 hose wag., 2 hose car., 3 hrs.; hose, cot., rub. lined, gd., 4,300 ft.; inf., 500 ft.; tot. hose, 4,800 ft.; f. al., wh., 20 bx.; val. equip., \$10,650; val. bldgs., \$11,000; exp. dept., \$4,500; tot. mem., 275 vol.

Water Supply—Src., riv.; sys., pump dir.; 3 pump. eng., cap. day 15,000,000 gals.; mains, wd. & iron, 21 m., 4 to 12 in. dia.; 270 hyd.; met., 12; 1,050 serv.; pipe, lead; pres., dom. 50 lbs., f. 75 lbs.; cost, \$247,000; cost mtce., \$7,000; wks. owned by city.

TOTTENVILLE (Greater New York), p. not given; f. area, 1,200 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 700 ft.; linen, gd., 300 ft.; rub., gd., 5,400 ft.; inf., 600 ft.; tot. hose, 7,000 ft.; f. al., bell & wh., 3 bx.; val. equip., \$18,500; val. bldgs., \$25,000; exp. dept., \$4,000; tot. mem., 107 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 140,000 gals.; pump. eng., cap. day 400,000 gals.; mains, 6 m., 4 to 8 in. dia.; 62 hyd.; met., 12; 74 serv.; pres., f. 78 lbs.; cost, \$28,871; cost mtce., \$3,650.

TROY, p. 76,813; f. area, 9.32 sq. m.; merc. bldgs., bk., 4 to 7 stor.; priv., bk., 2 to 4 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—11 str., 10 comb. c. & h. wag., 30 c. hand ex., 4 h. & l. trk., 3 aer. trk., 3 hose wag., 2 in reserve, 1 hose reel, 1 in reserve, 18 fuel & exercise wag., 2 f. al. wag., 60 hrs., 2 in reserve; hose, cot., rub. lined, gd., 27,100 ft., in reserve 3,700 ft.; f. al., Gamewell, 113 bx.; val. equip., \$160,000; val. bldgs., \$210,000; exp. dept., \$108,000; tot. mem., 1,186, pd. full time 71, pd. part time 7, vol. 1,108.

Water Supply—Src., str., 4 to 14 m. bus. cent.; sys., grav.; res. cap., 12,400,000,000 gals., loc. east city; mains, c. l., 116 m., 4 to 33 in. dia.; 1,500 hyd.; 2,000 v.; met., 493; 11,750 serv.; pipe, lead & c. l.; pres., dom. 42 to 60 lbs., f. 42 to 60 lbs.; cons. day, 17,750,000 gals.; cost, \$3,800,000; cost mtce., \$50,000; wks. owned by city.

TRUMANSBURG, p. 1,188; f. area, 900 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. ris. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 c. eng., 8 c. hand ex., 8 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$3,500; tot. mem., 100 vol.

Water Supply—Src., creek, 8 res., cap. 10,000 gals. each.

TUCKAHOE, p. 2,722; f. area, 4,480 a.; merc. bldgs., bk. & wd., 4 & 5 stor.; priv., wd., 2½ stor.; wd. ris. perm. in f. area; no fwks. & combt. ord. F. dept.—1 str., 1 comb. c. & h. wag., 1 h. & l. trk., 1 auto. trip. comb. wag., 3 hose wag., 5 hose reels, 4,000 ft. hose; f. al., Gamewell, 10 bx.; val. equip., \$30,000; exp. dept., \$6,000; tot. mem., 250 vol.

Water Supply—Pres., dom. 25 lbs., f. 90 lbs.

TUPPER LAKE, p. 3,067; f. area, 1 m.; merc. bldgs., stn. & wd., 1 to 3 stor.; priv., stn. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 2,000 ft.; tot. hose, 4,600 ft.; f. al., telp.; val. equip., \$4,500; exp. dept., \$500; tot. mem., 90 vol.

Water Supply—Src., spr. & brook, 2½ m. bus. cent.; sys., grav.; stdp. cap., 630,000 gals., dim. 44 x 50; mat., stil.; 2 pump. eng., cap. day 860,000 gals.; mains, c. l., 9½ m., 4 to 10 in. dia.; 54 hyd.; 51 v.; met., 25; 352 serv.; pipe, galv. i.; pres., dom. 60 to 80 lbs., f. 60 to 80 lbs.; cons. day, 80,000 gals.; cost, \$80,000; cost mtce., \$5,000; wks. owned by priv. Co.

TUXEDO, p. 2,277; f. area, 5,000 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 1 c. wag., 14 c. hand ex., 1 c. eng., 2 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$7,500; tot. mem., 85 vol.

Water Supply—Src., lake, 1½ m. bus. cent.; sys., grav., pump to res. & dir.; res. cap., 780,000 gals., loc. on hill 288 ft. above lake; 2 pump. eng., class comp. & trip., cap. day 3,000,000 gals.; mains, c. l., 16 m., 4 to 12 in. dia.; 82 hyd.; 311 serv.; pipe, galv. i.; pres., dom. 140 lbs., f. 140 lbs.; cons. day, 300,000 gals.; cost mtce., \$6,000; wks. owned by Co.

UNADILLA, p. 1,009; f. area, 1,500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 patrol wag., 1 hose wag., 4 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,600; val. bldgs., \$3,500; exp. dept., \$800; tot. mem., 60 vol.

Water Supply—Src., spr., 8 wells, brooks; sys., grav.; the Martin Brook res. supplied from brook & spr., cap. 5,000,000 gals.; pres., dom. 65 lbs., f. 36 lbs.; mains, 4½ m.; 45 hyd.; 290 serv.

UNION, p. 1,544; f. area, 650 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 8 c. hand ex., 3 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; rub., gd., 50 ft.; inf., 350 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$12,000; exp. dept., \$900; tot. mem., 76 vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., dir. to mains; res. cap., 500,000 gals., loc. 2,000 ft. cent. village; 2 pump. eng., cap. day 307,000 gals.; mains, c. l., 6½ m., 4 to 8 in. dia.; 33 hyd.; 14 v.; met., 325; 300 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 55 lbs.; cost, \$32,000; cost mtce., \$300; wks. owned by city.

UNION SPRINGS, p. 793; bldgs., bk. & wd., 2 & 3 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 6 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; tot. mem., 35 vol.

Water Supply—Src., lake, ponds, cisterns; res. cap., 5,000 gals.; wks. owned by village.

UTICA, p. 74,419; f. area, 5,471 a.; merc. bldgs., bk. & wd., 1 to 10 stor.; priv., bk. & wd., 2 & 3 stor.; wd. ris. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—6 str., 1 auto. comb. c. & h. wag., 1 c. eng., 15 c. hand ex., 2 aer. trk., 5 hose wag., 1 serv. trk., 4 comb. c. & h. wag., 1 chiefs auto., 3 chiefs wag., 10 exercise & supply wag., 44 hrs.; hose, cot., rub. lined, gd., 17,900 ft.; f. al., elec., 134 bx.; val. equip., \$143,267; val. bldgs., \$140,700; exp. dept., \$161,743; tot. mem., 113, pd. full time.

Water Supply—Src., creek & spr., 22 m. bus. cent.; sys., grav.; 11 res., cap. 1,803,415,000 gals.; mains, c. & wrt. l., 163.6 m., 4 to 24 in. dia.; 1,200 hyd.; 1,694 v.; met., 12,914; 14,821 serv.; pipe, lead; pres., dom. 30 to 90 lbs., f. 120 lbs.; cons. day, 7,750,000 gals.; wks. owned by priv. Co.

VALLEY STREAM, p. 2,000; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. ris. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 1,150 ft.; f. al., bell, wh. & telp.; val. equip., \$2,500; val. bldgs., \$4,000; exp. dept., \$3,000; tot. mem., 90 vol.

VALATIE, p. 1,219; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$4,000; tot. mem., 100 vol.

Water Supply—Src., lake; sys., pump to stdp.; stdp. cap., 150,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, c. l., 5 m., 4 to 10 in. dia.; 67 hyd.; 110 serv.; pipe, galv. i.; pres., dom. 50 lbs.; f. 90 lbs.; cost, \$27,000; wks. owned by city.

WADDINGTON, p. 731; f. area, 600 a.; merc. bldgs., stn., bk. & wd., 3 stor.; priv., stn., bk. & wd., 1 & 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 15 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 250 ft.; rub., gd., 400 ft.; tot. hose, 650 ft.; f. al., bell; val. bldgs., \$500; tot. mem., 40 vol.

Water Supply—Src., riv.; sys., pump dir.; pump. eng., cap. day 720,000 gals.; mains, iron, 4 in. dia.; 6 hyd.; pres., f. 150 lbs.

WALDEN, p. 4,004; f. area, 1,053 a.; merc. bldgs., bk. & wd., 3 stor.; priv., bk. & wd., 2½ & 3 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 6 c. hand ex., 2 hose wag., 2 hose car., 2 hose reels, 2 hrs.; hose, 3,000 ft.; f. al., elec., 15 bx.; val. equip., \$9,000; val. bldgs., \$9,000; exp. dept., \$4,000; tot. mem., 160 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp. & dir.; 2 stdp., cap. 75,000 gals. each; dim. 16 x 50, loc. in village; mat., iron; 2 pump. eng., class dup. comp., cap. day 1,440,000 gals.; mains, iron, 10 m., 4 to 8 in. dia.; 75 hyd.; 40 v.; met., 800; 800 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 90 lbs.; cons. day, 80,000 gals.; cost, \$60,000; cost mtce., \$2,000; wks. owned by city.

WALTON, p. 3,103; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 aer. trk., 1 h. & l. trk., 3 hose car., 2 hose, cot., rub. lined, gd., 2,000 ft.; inf., 800 ft.; tot. hose, 2,800 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$10,000; exp. dept., \$500; tot. mem., 104 vol.

Water Supply—Src., strm.; sys., grav.; res. cap., 4,000,000 gals.; mains, iron, 18 m., 4 to 10 in. dia.; 76 hyd.; 625 serv.; pres., dom. 70 lbs.; f. 70 lbs.; cost, \$130,000; cost mtce., \$500; wks. owned by Co.

WAPPINGER FALLS, p. 3,195; f. area, 960 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 to 4 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 4 c. hand ex., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 400 ft.; rub., gd., 1,400 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$8,000; tot. mem. 120, pd. full time 4, pd. part time 3, vol. 118.

Water Supply—Src., creek, ¼ m. bus. cent.; sys., pump to res.; res. cap., 142,000 gals., loc. near Main st.; mains, iron, 2½ m.; 30 hyd.; 10 v.; wks. owned by Co.

WARRENSBURG, p. 2,500; bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell & wh.

Water Supply—Src., brooks, 2 m. bus. cent.; sys., grav.; mains, iron, 4 m., 4 to 6 in. dia.; 19 hyd.; 7 v.; 100 serv.; pres., dom. 100 lbs.; f. 100 lbs.; cost, \$10,000; wks. owned by Co.

WARSAW, p. 3,206; f. area, 400 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 1 comb. c. & h. wag., 2 c. hand ex., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 300 ft.; tot. hose, 2,800 ft.; f. al., elec., 12 bx.; val. equip., \$5,000; val. bldgs., \$5,000; tot. mem., 110 vol.

Water Supply—Src., spr., 6 m. bus. cent.; sys., grav.; res. cap., 12,000,000 gals., loc. Rock; mains, iron, 22 m., 4 to 12 in. dia.; 100 hyd.; met., 9; 700 serv.; pipe, galv. i. & lead; pres., dom. 150 lbs.; f. 150 lbs.; cons. day, 250,000 gals.; cost, \$75,000; cost mtce., \$500; wks. owned by city.

WARWICK, p. 2,318; f. area, 600 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f.

inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 2,750 ft.; f. al., telp., 17 bx.; val. equip., \$3,000; val. bldgs., \$5,000; tot. mem., 120 vol.

Water Supply—Src., mountain strm., 1½ m. bus. cent.; sys., grav.; 3 res., cap. 80,000,000 gals.; mains, 9 m., 4 to 14 in. dia.; 73 hyd.; 101 v.; 372 serv.; pres., dom. & f. 50 to 72 lbs.; cost, \$105,000; wks. owned by village.

WASHINGTONVILLE, p. 3,245; f. area, 2,000 a.; bldgs., bk. & wd., 1 to 3 stor.; priv., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hand eng. with pump, 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & telp.; val. equip., \$1,400; tot. mem., 50 vol.

Water Supply—Src., mountain strm., 2 m. bus. cent.; sys., grav.; mains, 6 m., 4 to 10 in. dia.; met., 35; pres., dom. 75 lbs.; f. 75 lbs.; cost mtce., \$100; wks. owned by village.

WATERFORD, p. 3,245; f. area, 2,000 a.; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 3,600 ft.; f. al., bell; val. equip., \$15,000; val. bldgs., \$7,000; exp. dept., \$3,000; tot. mem. 160, pd. full time 1, vol. 159.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 581,000 gals.; dim., 30 x 52, 24 x 85; mat., stl. & iron; 2 pump. eng., class dup. comp., cap. day 2,500,000 gals.; mains, c. l., 11.25 m., 4 to 12 in. dia.; 107 hyd.; 89 v.; 700 met.; 915 serv.; pipe, lead, galv. & c. i.; pres., dom. 80 lbs.; f. 110 lbs.; cons. day, 350,000 gals.; wks. owned by town.

WATERLOO, p. 3,931; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 1 patrol wag., 7 hose car.; hose, cot., rub. lined, gd., 3,800 ft.; inf., 1,000 ft.; tot. hose, 4,800 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$10,000; exp. dept., \$2,500; tot. mem., 210 vol.

Water Supply—Src., riv.; sys., pump dir.; res. cap., 1,000,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, c. l., 10 m., 4 to 14 in. dia.; 57 hyd.; 85 v.; 540 serv.; pres., dom. 80 lbs.; f. 100 lbs.; cost, \$120,000; cost mtce., \$2,500; wks. owned by Co.

WATERTOWN, p. 26,730; f. area, 8½ sq. m.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—4 str., 1 aer. trk., 1 hose wag., 1 auto. comb. pump. & c. eng., 3 comb. c. & h. wag., 22 hrs.; hose, cot., rub. lined, gd., 11,000 ft.; inf., 1,600 ft.; tot. hose, 12,600 ft.; f. al., Gamewell, 84 bx.; val. equip., \$28,000; val. bldgs., \$61,000; exp. dept., \$38,000; tot. mem. 36, pd. full time.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., pump to res. & dir.; res. cap., 800,000 gals.; 2 pump. eng., cap. day 6,000,000 gals.; mains, c. l., 59 m., 4 to 30 in. dia.; 434 hyd.; 205 v.; 703 met.; 6,100 serv.; pipe, galv. i.; pres., dom. 40 to 90 lbs.; f. 40 to 90 lbs.; cons. day, 4,000,000 gals.; cost, \$300,000; cost mtce., \$20,000; wks. owned by city.

WATERVILLE, p. 1,410; f. area, 640 a.; bldgs., bk. & wd., 1 to 4 stor.; wd. rfs. perm. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,350 ft.; inf., 250 ft.; tot. hose, 1,600 ft.; f. al., wh.; val. equip., \$8,000; val. bldgs., \$3,000; exp. dept., \$300; tot. mem. 58, pd. part time 2, vol. 56.

Water Supply—Src., brook; sys., grav.; res. cap., 45,000,000 gals.; mains, c. l., 8½ m., 6 to 16 in. dia.; 53 hyd.; 37 v.; 60 met.; 440 serv.; pipe, galv. i.; pres., f. 90 lbs.; cost, \$120,000; cost mtce., \$475; wks. owned by city.

WATERVLIET, p. 15,074; f. area, 850 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 10 c. hand ex., 1 h. & l. trk., 4 hose wag., 1 hose car., 6 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; f. al., Gamewell, 24 bx.; val. equip., \$20,250; val. bldgs., \$23,600; exp. dept., \$11,000; tot. mem. 259, pd. full time 8, pd. part time 2, vol. 249.

Water Supply—Src., Mohawk riv., 6 m. bus. cent.;

sys., pump to res.; res. cap., 30,000,000 gals.; 4 pump. eng.; 122 hyd.; met., 200; 3,000 serv.; pres., dom. & f. 70 lbs.; cons. day, 2,500,000 gals.; cost mtce., \$12,500; wks. owned by Co.

WATKINS, p. 2,817; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 h. & 1 trk., 8 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; tot. mem., 100 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals., loc. west village; 2 pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. l., 9 m., 4 to 10 in. dia.; 73 hyd.; 37 v.; met., 407; 164 serv.; pres., dom. 95 lbs., f. 100 lbs.; cons. day, 164,000 gals.; cost, \$95,000; cost mtce., \$3,600; wks. owned by city.

WAVERLY, p. 4,855; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 3 stor. F. dept.—1 h. & 1 trk., 5 hose car.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 1,500 ft.; tot. hose, 6,000 ft.; f. al., elec., val. equip., \$13,500; val. bldgs., \$25,000; exp. dept., \$1,500; tot. mem., 185 vol.

Water Supply—Src., strmn., 1 m. bus. cent.; sys., grav.; res. cap., 130,000,000 gals.; mains, c. l., 14½ m., 4 to 12 in. dia.; 68 hyd.; 91 v.; met., 400; 1,300 serv.; pipe, c. l.; pres., dom. & f. 85 to 95 lbs.; cost, \$221,130; cost mtce., \$4,000; wks. owned by village.

WAYLAND, p. 1,892; f. area, 300 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 1 c. eng., 2 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$3,000; tot. mem., 80 vol.

Water Supply—Src., well, 1½ m. bus. cent.; sys., pump to res.; res. cap., 250,000 gals., loc. ¼ m. village; 2 pump. eng., class trip., cap. day 1,000,000 gals.; mains, c. l., 6½ m., 4 to 8 in. dia.; 63 hyd.; 40 v.; 325 serv.; 200 met.; pipe, galv. l. & lead; pres., dom. 63 lbs., f. 90 lbs.; cost, \$35,000; cost mtce., \$2,000; wks. owned by city.

WEEDSPORT, p. 1,844; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 4 hose car., 1 auto comb. trk.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 800 ft.; tot. hose, 2,800 ft.; f. al., bell & tarp.; val. equip., \$10,000; val. bldgs., \$5,000; tot. mem., 65, pd. part time 2, vol. 63.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day 360,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 23 hyd.; 250 serv.; cons. day, 216,000 gals.; pres., f. 65 lbs.; wks. owned by priv. Co.

WELLSVILLE, p. 4,882; f. area, 640 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; causes of f. inv. F. dept.—1 str., 1 c. eng., 2 c. hand ex., 2 h. & 1 trk., 6 hose car., 2 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., bell & elec., 11 bx.; val. equip., \$8,800; val. bldgs., \$13,500; exp. dept., \$2,000; tot. mem., 166 vol.

Water Supply—Src., riv., wells, ¼ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day, 3,000,000 gals.; mains, c. l., 13 m., 4 to 12 in. dia.; 77 hyd.; met., 470; 970 serv.; pres., dom. 85 lbs., f. 135 lbs.; wks. owned by Co.

WESTFIELD, p. 2,985; f. area, 600 a.; bldgs., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 comb. c. & h. wag., 4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$4,500; exp. dept., \$200; tot. mem., 90 vol.; undrs. rating, third class.

Water Supply—Src., creek; sys., grav.; mains, c. l., 13 m.; 120 hyd.; pres., dom. 80 lbs., f. 125 lbs.; cost, \$100,000; wks. owned by village.

WEST NEW BRIGHTON, p. 4,597 (Greater New York). F. dept.—Not reported.

Water Supply—Same as New Brighton.

WEST POINT, p. 2,200; bldgs., bk., stn. & wd., 2 to 4 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. eng., 1 hose wag., 4 hose car., 6 hrs.; hose, cot., rub. lined, gd., 4,050 ft.; f. al., elec., 17 bx.; tot. mem., all U. S. employees or corps of cadets vol.

Water Supply—Src., mountain strna, 6 m. bus. cent.; sys., grav.; res. cap., 127,000,000 gals.; mains, c. l., 6 m., 2 to 12 in. dia.; 47 hyd.; 38 v.; pipe, lead; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 1,200,000 gals.; cost, \$650,000; cost mtce., \$4,000; wks. owned by U. S. Government.

WHITEHALL, p. 4,917; f. area, 3,973 a.; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., wd., bk. & conc., 1½ to 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 auto. comb. c. & h. with pump, 4 c. hand ex., 1 h. & 1 trk., 1 hand eng., 7 hose car.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., tarp. & Gamewell; val. equip., \$15,000; val. bldgs., \$10,000; exp. dept., \$3,500; tot. mem., 34, pd. full time 2, pd. part time 7, vol. 25.

Water Supply—Src., spr. & creeks; sys., pump to res.; res. cap., 5,500,000 gals.; pump. eng., cap. day 3,000,000 gals.; mains, iron, 10½ m., 4 to 12 in. dia.; 72 hyd.; 75 v.; met., 650; 570 serv.; pipe, galv. l.; pres., dom. 115 lbs., f. 115 to 120 lbs.; cons. day, 600,000 gals.; cost, \$86,000; cost mtce., \$5,500; wks. owned by village.

WHITE PLAINS, p. 15,949; f. area, 1,920 a.; merc. bldgs., stn., bk. & wd., 1 to 7 stor.; priv., bk., stn. & wd., 4 stor.; wd. bldgs. not perm. in f. area; causes of f. inv. F. dept.—2 auto. comb. c. eng. & hose wag., 1 auto. squad wag., 2 comb. eng., 1 aer. trk., 1 h. & 1 trk., 3 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 7,500 ft.; rub., 2,500 ft.; tot. hose, 10,000 ft.; f. al., bell & wh., 45 bx.; val. bldgs., \$125,000; tot. mem., 350 vol.

Water Supply—Src., dug wells, driven wells & res.; sys., pump to stdp. & dir.; stdp. cap., 400,000 gals.; mains, 40 m., 4 to 14 in. dia.; 350 hyd.; 250 v.; met., 3,000; 3,100 serv.; pres., dom. 85 to 90 lbs., f. 120 lbs.; cost, \$850,000; cost mtce., \$50,000; wks. owned by village.

WHITESBORO, p. 2,275; f. area, 1,020 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 str., 4 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 800 ft.; lined, gd., 600 ft.; rub., gd., 400 ft.; inf., 700 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$5,500; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 40 vol.

Water Supply—Src., creek, ¼ m. bus. cent.; sys., grav. & pump to res.; res. cap., 6,000,000 gals.; 1 pump. eng.; mains, c. l., 6 m., 4 to 12 in. dia.; 57 v.; 389 met.; 500 serv.; pipe, lead; pres., dom. 20 to 70 lbs., f. 80 lbs.; wks. owned by priv. Co.

WHITESTONE, p. 2,500; f. area, 1,200 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell & elec., 11 bx.; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 183 vol.

Water Supply—Src., wells; sys., pump to stdp.; pump. eng., cap. day, 1,000,000 gals.; mains, 11 m., 4 to 12 in. dia.; 150 hyd.; met., 711; 776 serv.; pres., f. 60 lbs.; cost, \$100,000; wks. owned by N. Y. City.

WHITNEY'S POINT, p. 744; f. area, 640 a.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 6 c. hand ex., 1 hand eng., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$7,500; exp. dept., \$150; tot. mem., 46 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 75,000 gals.; mains, c. l., 4 & 5 m., 4 to 6 in. dia.; 21 hyd.; 2 v.; met., 6; pipe, c. l.; pres., dom. 65 lbs.; f. 75 lbs. cost, \$30,000; wks. owned by priv. Co.

WILLIAMSVILLE, p. 1,108; f. area, 600 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$22,000; exp. dept., \$150; tot. mem., 30 vol.

Water Supply—Src., spr.; sys., grav. & pump dir.; stdp. cap., 26,500 gals., 100 ft. high; 2 pump. eng., cap. day 1,500,000 gals.; mains, iron, 3½ m., 4 to 10 in. dia.; 41 hyd.; 120 serv.; pres., dom. 40 lbs., f. 120 lbs.; cost, \$25,000; cost mtce., \$400; wks. owned by village.

WINFIELD JUNCTION, p. 1,500. F. dept.—3 str., c. eng., 5 h. & 1 trk., 4 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., tarp. & bell.

WOLCOTT, p. 1,216; f. area, 640 a.; merc. bldgs., stn. & bk., 1 to 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 8 c. hand ex., 1 h. & 1 trk., 1 comb. c. & h. wag., 4 hose car.; hose, cot., rub. lined, gd., 1,750 ft.; rub. lined, gd., 200 ft.; tot. hose, 1,950 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$6,500; exp. dept., \$275; tot. mem., 75 vol.

Water Supply—Src., sprg., 2 m. bus. cent.; sys., grav.; stdp. cap., 120,000 gals.; res. cap., 300,000 gals.; 2 pump. eng., cap. day 1,030,000 gals.; mains, c. l., 6 m., 6 to 10 in. dia.; 57 hyd.; 65 v.; 270 met.; pres., dom. 60 lbs.; cons. day, 60,000 gals.; cost, \$80,000; cost mtce., \$500; wks. owned by city.

WOODHAVEN (Greater New York); f. area, 3,300 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 h. & 1 trk., 19 c. hand ex., 5 hose wag., 1 chief's car., 21 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 42 bx.; val. bldgs., \$45,000; tot. mem., 387 vol.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 4,500,000 gals.; pump. eng.; mains, 64 m., 4 to 20 in. dia.; 906 hyd.

WORCESTER, p. 1,800; f. area, 300 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,350 ft.; inf., 100 ft.; tot. hose, 1,450 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$700; tot. mem., 30 vol.

Water Supply—Src., lake; sys., grav.; mains, 5 m., 4 to 12 in. dia.; 17 hyd.; 8 v.; 120 serv.; pres., dom. 100 lbs., f. 100 lbs.; cost, \$30,000; cost mtce., \$400; wks. owned by Co.

YONKERS, p. 79,803; f. area, 21 sq. m.; merc. bldgs., bk. & stn., 1 to 7 stor.; priv., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 double-tk. comb. c. & h. wag., 8 single-tk. comb. c. & h. wag., 1 auto. pump, 2 auto. comb. c. & h. wag., 1 auto. aer. h. & 1 trk., 75 ft., 3 chief's auto., 1 hose wag., 1 aer. h. & 1 trk., 65 ft., 3 city h. & 1 trk., 1 tel. wag., 30 hrs., 32 c. ex., 3 gals., 3 water towers, 3 deluge sets on wag., hand drawn, 1 c. eng., 2 hose car., 4 hose carts; hose, cot., rub. lined, gd., 17,000 ft.; c., 2,500 ft.; tot. hose, 19,500 ft.; f. al., elec., Gamewell, 156 bx.; val. equip., \$165,550; val. bldgs., \$750,000; exp. dept., \$155,253; tot. mem. 177, pd. full time 98, in active serv. 95.

Water Supply—Src., brooks, 4 m. bus. cent.; sys., pump to res., stdp. & dir.; stdp. cap., 315,000 gals., dim. 20 x 100; mat., stl.; res. cap., 900,000,000 gals.; 8 pump. eng., class comp. & hor., cap. day 20,000,000 gals.; mains, c. l., 143.68 m., 4 to 30 in. dia., 1,554 hyd.; 1,093 v.; 8,886 met.; 8,697 serv.; pipe, lead & c. l.; pres., dom. 50 to 130 lbs., f. 50 to 130 lbs., cons. day, 8,446,228 gals.; cost, \$3,062,186; cost mtce., \$160,177; wks. owned by city.

Places of 1,000 or more population having no organized fire dept.—Kelley Island, Millbrook, Tioga Center, Verplanck.

Places of 1,000 or more population not reported—Ausable Forks, Bedford, Bridgehampton, Byron, Callicoon, Camillus, Campbell, Carmel, Centre Moriches, Clymer, Dexter, Dumellen, Ebeneser, Fabius Forks, Gainesville, Gardiner, Garnersville, Hannibal, Hartford, Hurley, Livonia, Lodi, Long Lake, Luzerne, Madrid, Marion, Milton, Newfane, Newport, Nichols, Ohio, Ovid, Patterson, Rockton, Rosaler, West Haverstraw.

NORTH CAROLINA

ASHEVILLE, p. 18,762; f. area, 52 a.; merc. bldgs., bk., iron, conc. & wd., 2 to 6 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 2 auto. trk. equipped with ext. ladders, 45 gal. c. tk. & 2,000 ft. hose each, 1 hose wag., 1 h. & 1 trk., 2 hose car., 7 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 20 bx.; val. equip., \$25,000; val. bldgs., \$30,000; exp. dept., \$8,500; tot. mem. 36, pd. full time 4, pd. part time 32; undra. rating, second class.

Water Supply—Src., riv., 17 m. stdp.; sys., grav. & dir. to stdp. & res.; stdp. cap., 450,000 gals., mat. iron; res. cap., 5,000,000 gals., mat. conc., loc. 150 ft. above sq.; pump. eng., cap. day 3,500,000 gals.; mains, c. l., 60 m., 4 to 16 in. dia.; 320 hyd.; 272 val.; 2,100 met.; 3,600 serv.; pipe, galv. i.; pres., dom. & f. 150 lbs.; cons. day, 2,000,000 gals.; cost, \$550,000; cost mtce., \$15,000; wks. owned by city.

BEAUFORT, Carteret Co., p. 2,483; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; inf., 500 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$300; exp. dept., \$250; tot. mem., 150 vol.

Water Supply—Src., wells & ocean water forced by means of pumps over entire business portion and residence; sys., pump. dir.; 2 pump. eng., cap. day 120,000 gals.; 1 hand eng., cap. day 100,000 gals. pres., f. 125 lbs.; cost mtce. \$160; wks. owned by city.

BREVARD, p. 919. F. dept.—1 h. & 1 trk., 6 c. hand ex., 1 comb. c. & h. wag., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$50; tot. mem., 14 vol.

Water Supply—Src., mountain strm.; sys., grav.; res. cap., 60,000 gals.; mains, 1-1/2 m., 2 to 6 in. dia.; 17 hyd.; pres., 50 lbs.

BURLINGTON, p. 4,808; f. area, 5 a.; merc. bldgs., bk., 1 to 5 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 800 ft.; tot. hose, 3,200 ft.; f. al., bell; val. equip.,

\$2,000; val. bldgs., \$1,000; exp. dept., \$600; tot. mem., 22 vol.

CHAPEL HILL, p. 1,149; bldgs., bk. & wd., 2 & 3 stor. F. dept.—1 h. & 1 trk., 4 hose carts; hose, cot., rub. lined, gd., 900 ft.; tot. mem., 21, pd. full time 1, 20 vol.

Water Supply—Src., creek, 1 1/2 m. bus. cent.; sys., pump to res.; stdp. cap., 80,000 gals., dim. 12 x 80, mat. stl.; res. cap., 400,000 gals.; 3 pump. eng., class dup. & elec., cap. day 950,000 gals.; mains, c. l., 5 1/2 m., 4 to 6 in. dia.; 15 hyd.; pres., dom. 35 lbs.; cons. day 150,000 gals.; cost, \$20,000; wks. owned by Co.

CHARLOTTE, p. 34,014; f. area, 1,408 a.; merc. bldgs., bk., 1 to 12 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. c. & h. wag., 2 str., 1 h. & 1 trk., 1 hose wag., 3 comb. c. & h. wag., 1 chief's buggy, 10 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 500 ft.; tot. hose, 6,500 ft.; f. al., elec., 52 bx.; val. equip., \$40,000; val. bldgs., \$25,000; exp. dept., \$30,000; tot. mem., 21, pd. full time.

Water Supply—Src., Catawba Riv.; sys., grav., pump to res. & to stdp.; stdp. cap., 715,000 gals., dim. 30 x 135; res. cap., 60,000,000 gals., loc. at station; 7 pump. eng., cap. day 18,500,000 gals.; mains, c. l., 40 m., 4 to 20 in. dia.; 286 hyd.; 230 v.; 4,175 met.; 4,190 serv.; pipe, lead & galv. i.; pres., dom. 40 to 85 lbs., f. 85 to 125 lbs.; cons. day, 1,500,000 gals.; cost, \$786,000; cost mtce., \$44,600; wks. owned by city.

CLINTON, p. 1,101; f. area, 600 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. limits; fwks. ord. F. dept.—1 gasoline eng., 1 hose reel; hose, cot., gd., 500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$300; exp. dept., \$350; vol.; undra. rating, fourth class.

Water Supply—Src., wells, 1/4 m. bus. cent.; sys., dir. pres. & pump to stdp.; stdp. cap., 75,000 gals.; res. cap., 200,000 gals.; 3 pump. eng., cap. day 175,000 gals.; mains, c. l., 3 1/2 m., 6 to 10 in. dia.; 45 hyd.; 30 v.; pres., dom. 40 to 50 lbs., f. 50 to 125 lbs.; cost, \$30,000; wks. owned by city.

CONCORD, p. 8,716; f. area, 450 a.; merc. bldgs., bk. 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$2,000; tot. mem., 45 vol.

Water Supply—Src., creek, 2 m. city; sys., grav. & pump to stdp.; cons. day, 500,000 gals.; 2 elec. pumps.

DAVIDSON, p. 1,056. No f. dept.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 50,000 gals.

DUNN, p. 1,823; f. area, 1,400 ft. x 1,200 ft.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$2,000; tot. mem., 24 vol.; undra. rating, third class.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; res. cap., 100,000 gals.; 78 hyd.; pres., f. 60 lbs.; cost, \$30,000; wks. owned by city.

DURHAM, p. 18,241; f. area, 53 a.; merc. bldgs., bk. & stn., 2 to 5 stor.; priv., wd., bk. & stn., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—2 str., 1 h. & l. trk., 2 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 1 supply wag., 1 chief's buggy, 3 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; f. al., Gamewell, 33 bx.; val. equip., \$86,500; val. bldgs., \$80,000; exp. dept., \$18,000; tot. mem., 26, pd. full time; undra. rating, second class.

Water Supply—Src., riv., 7½ m. bus. cent.; sys., grav. & dir.; res. cap., 3,500,000 gals.; loc. 6 m. city; 1 aux. res. for f. service, cap. 210,000 gals.; 1 aux. pump, cap. 3,600,000 gals. day; 3 pump. eng., cap. day, 7,250,000 gals.; mains, c. l., 40 m., 4 to 20 in. dia.; 250 v.; 220 hyd.; met., 1,475; 3,850 serv.; pipe, galv. i.; pres., dom. 85 to 75 lbs.; f. 90 to 120 lbs.; cons. day, 1,500,000 gals.; wks. owned by priv. Co.

EAST DURHAM, p. 6,679; merc. bldgs., bk. & wd. F. dept.—Hose, 1,700 ft.; f. al., bell & wh.

Water Supply—Src., res.; sys., pump.

EDENTON, p. 2,789; f. area, 100 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 8 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; tot. mem., 90, pd. part time 20, vol. 70.

Water Supply—Src., wells & str., Albemarle sound; sys., pump to stdp. & dir.; stdp. cap., 60,000 gals.; 1 pump. eng., class comp., cap. day, 100,000 gals.; mains, c. l., 7 m., 4 to 8 in. dia.; 42 hyd.; 25 met.; 250 serv.; pipe, c. i.; pres., dom. 40 lbs., f. 110 lbs.; cons. day, 125,000 gals.; cost, \$20,000; wks. owned by city; the use of the Norfolk & Southern R. R. Co. water sys. is granted for emergency.

ELIZABETH CITY, p. 8,412; f. area, 1,800 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 2 hose wag., 2 hose car., 8 hrs.; hose, cot., rub. lined, gd., 3,200 ft.; f. al., Gamewell, 14 bx.; val. equip., \$12,500; val. bldgs., \$10,000; exp. dept., \$1,000; tot. mem., 41, pd. full time 1, pd. part time 4, vol. 36.

Water Supply—Src., riv., canals & wells; sys., pump to stdp.; stdp. cap., 275,000 gals., dim. 20 x 75, loc. at station, mat. stl.; res. cap., 100,000 gals., loc. 1½ m. city; 2 pump. eng., class dup., cap. day 120,000 gals.; mains, c. l., 14 m., 4 to 10 in. dia.; 91 hyd.; 47 v.; 75 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; wks. owned by Co.

ELM CITY, p. 560. F. dept.—1 hose cart, 1 hand eng., 200 ft. hose.

ENFIELD, p. 1,167; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. by State law. F. dept.—1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 400 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$8,000; exp. dept., \$1,190; tot. mem., 20 vol.

Water Supply—Src., large wells; 1 ga. eng., 1 hand eng.

FAYETTEVILLE, p. 7,045; f. area, 150 a.; merc. bldgs., stn. & bk., 2 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose carts, 2 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 1,000 ft.; tot. hose, 3,500 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$7,500; exp. dept., \$1,400; tot. mem., 40, pd. full time 1, pd. part time 30, vol. 9.

Water Supply—Src., creek & pond, 1 m. bus. cent.; sys., pump to stdp. and dir.; stdp. cap., 105,000 gals., dim. 18 x 105, mat. stl.; 2 pump. eng., cap. day 1,750,000 gals.; mains, c. l., 7 m., 4 to 10 in. dia.; 50 hyd.; 31 v.; met., 60; 253 serv.; pipe, galv. i.; pres., dom. 85 lbs., f. 85 lbs.; cost, \$60,000; cost mtce., \$1,500; wks. owned by Co.

FOREST CITY, p. 1,800; f. area, 3 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels, 1 h. & l. trk.; f. al., bell; val. equip., \$2,000; exp. dept., \$30; tot. mem., 10, pd. part time; undra. rating, third class.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump, dir.; 2 pump. eng., cap. day, 8,640,000 gals.; mains, 7,000 ft.; 23 hyd.; pres., dom. 50 lbs., f. 125 lbs.; cost, \$25,000; cost mtce., \$3,000; wks. owned by city.

GASTONIA, p. 5,759; bldgs., bk. & wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—2 hose carts, 1 comb. wag., 1 c. eng.; hose, cot., rub. lined, gd., 2,000 ft.; tot. mem., 18 vol.; undra. rating, third class.

Water Supply—Src., creek, 2 m. bus. cent.; sys., pump dir.; res. cap., 750,000 gals., loc. at station; 9 pump. eng., cap. day 5,820,000 gals.; mains, c. l., 8¼ m., 4 to 10 in. dia.; 74 hyd.; 22 v.; met., 351; 706 serv.; pipe, wrt. & galv. i.; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 200,000 gals.; cost, \$50,000; wks. owned by city.

GOLDSBORO, p. 6,107; f. area, 350 a.; merc. bldgs., bk., 1 to 5 stor.; priv., wd., 2 stor.; wd. car.; 1 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 1,000 ft.; tot. hose, 2,000 ft.; val. equip., \$1,600; tot. mem., 20 vol.

Water Supply—Sys., pump to stdp. & dir.; stdp. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 14 c. hand ex., 1 h. & l. trk., 4 hose wag., 2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 2,000 ft.; tot. hose, 4,500 ft.; f. al., Gamewell, 12 bx.; val. equip., \$9,000; val. bldgs., \$9,000; exp. dept., \$1,500; tot. mem., 80, pd. full time 7, vol. 73.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap. 209,000 gals., dim. 18 x 110, mat. iron; res. cap., 85,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 13 m., 6 to 10 in. dia.; 87 hyd.; 45 v.; met., 600; pres., dom. 50 lbs., f. 80 to 200 lbs.; cons. day, 300,000 gals.; cost, \$80,000; wks. owned by city.

GRAHAM, p. 2,504; f. area, 90 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$25,800; tot. mem., 30 vol.

Water Supply—Src., wells; ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; res. cap., 100,000 gals.; 1 pump. eng., cap. day 750,000 gals.; mains, 7 m.; 4 to 8 in. dia.; 41 hyd.; 100 met.; 110 serv.; pres., dom. 70 lbs., f. 50 lbs.; cons. day, 75,000 gals.; wks. owned by priv. Co.

GREENSBORO, p. 15,895; f. area, 1,500 a.; merc. bldgs., stn. & bk., 2 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 hand eng., 1 c. eng., 12 c. hand ex., 1 aer. trk., 4 hose wag., 3 hose car., 1 comb. c. & h. wag., 12 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 500 ft.; tot. hose, 6,500 ft.; f. al., bell, 24 bx.; val. equip., \$15,000; val. bldgs., \$12,000; exp. dept., \$5,000; tot. mem., 45, pd. full time 5, pd. part time 2, vol. 35.

Water Supply—Src., creek & spr.; sys., pump to stdp.; stdp. cap., 200,000 gals.; res. cap., 2,000.

000 gals.; pump. eng., cap. day 3,500,000 gals.; mains, iron, 20 m., 4 to 12 in. dia.; 180 hyd.; 70 v.; 600 serv.; pres., dom. 65 lbs., f. 90 lbs.; cost, \$140,000; cost mtce., \$12,000; wks. owned by city.

GREENVILLE, p. 4,101; f. area, $1\frac{1}{2}$ sq. m.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv.; bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 str., 1 hand eng., 2 c. hand ex., 1 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag., 5 hose car., 3 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell, 2 bx.; val. equip., \$10,000; val. bldgs., \$6,000; exp. dept., \$600; tot. mem., 40; pd. full time 1, pd. part time 1, vol. 38.

Water Supply—Src., riv., $\frac{3}{4}$ m. bus. cent.; sys., dir. pres.; res. cap., 350,000 gals.; 2 pump. eng., class dup.; cap. day, 750,000 gals.; mains, c. i., 10 m., 6 to 14 in. dia.; 69 hyd.; 87 v.; pres., dom. 50 lbs., f. 80 to 120 lbs.; wks. owned by city.

HENDERSON, p. 4,503; f. area, 80 a.; bldgs., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., telp; val. equip., \$6,000; val. bldgs., \$10,000; exp. dept., \$2,500; tot. mem., 42, pd. full time 2, vol. 40.

Water Supply—Src., lake, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 172,000 gals., dim. 15 x 130; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. i., 9 m., 4 to 12 in. dia.; 100 hyd.; 50 v.; met., 400; 600 serv.; pipe, galv. i. & lead; pres., dom. 50 lbs., f. 150 lbs.; cons. day, 300,000 gals.; cost, \$120,000; wks. owned by Co.

HENDERSONVILLE, p. 2,818; merc. bldgs., bk. 2 stor.; priv., wd., 1 & 2 stor.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; f. al., wh.; tot. mem., 10 vol.

Water Supply—Src., mountain str., 2 m. bus. cent.; sys., grav.; res. cap., 4,000,000 gals.; 1 pump. eng.; cap. day, 512,000 gals.; mains, c. i., 6 m., 2 to 8 in. dia.; 65 hyd.; 8 v.; 350 met.; 550 serv.; pres., dom. & f. 150 lbs.; cost, \$40,000; wks. owned by city.

HERTFORD, p. 1,841; f. area, 140 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk.; f. al., bell & wh.; val. equip., \$7,500; val. bldgs., \$150; tot. mem., 20 vol.

Water Supply—Src., wells.

HICKORY, p. 3,716; f. area, 6 a.; merc. bldgs., bk., 2 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord. F. dept.—2 hose wag. with ladders & c. ex., 6 hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 235,000 gals., dim. 80 x 100 ft., mat. stl.; res. cap., 90,000 gals.; 2 pumps, class trip.; mains, c. i., 10 m., 6 to 10 in. dia.; 100 hyd.; 49 v.; met., 500; pres., 50 lbs.; cons. day, 75,000 gals.; cost, \$105,000; wks. owned by city.

HIGH POINT, p. 9,525; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose wag.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell; tot. mem., 55 vol.

Water Supply—Src., spr. & riv., $4\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals., dim. 45 x 25; 2 pump. eng.; mains, 19 m., 4 to 12 in. dia.; 220 hyd.; pres., dom. 60 lbs., f. 90 lbs.

KEARNESVILLE, p. 1,128. F. dept.—1 c. eng., 1 comb. c. & h. wag., c. hand ex., 1 hose wag.; val. equip., \$500; val. bldgs., \$500; tot. mem., 5 vol. No standard water supply.

KINGS MOUNTAIN, p. 2,218; f. area, $\frac{3}{4}$ sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose wag., 2 hose reels, 3 ladders; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 14 vol.; undrs. rating, third class.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals., dim. 22 x 35 ft., mat. stl.; res. cap., 50,000 gals.; 2 pumps, class centrif., cap. day 500,000 gals.; mains, c. i., 7 m., 4 to 8 in. dia.; 90 hyd.; 25 v.; met., 50; 100 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 140 lbs.; cost, \$50,000; wks. owned by city.

KINGSTON, p. 6,995; f. area, 20 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose reel, 1 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 1,000 ft.; tot. hose, 3,500 ft.; f. al., Gamewell, 18 bx.; val. equip., \$9,500; val. bldgs., \$1,000; exp. dept., \$1,200; tot. mem., 49, pd. full time 3, vol. 46.

Water Supply—Src., artesian wells, 1 m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 150,000 gals., dim. 16 x 110 ft., mat. iron; res. cap., 350,000 gals.; 2 pumps, cap. day 2,000,000 gals.; mains, c. i., 18 m., 4 to 10 in. dia.; 92 hyd.; 50 v.; 500 met.; 175 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 100 lbs.; cons. day, 80,000 gals.; cost, \$75,000; wks. owned by city.

LAGRANGE, p. 883. F. dept.—1 gasoline eng., 1,000 ft. hose, vol.

LAURINBURG, p. 2,322; f. area, 600 a.; merc. bldgs., bk., 2 & 3 stor.; priv., pine, 1 & 2 stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—1 comb. c. & h. eng., 1 hose car.; hose, cot., gd., 1,500 ft.; val. equip., \$600; val. bldgs., \$200; tot. mem., 40.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 dup. pumps, cap. day 144,000 gals.; mains, 8 m., 4 to 12 in. dia.; 46 hyd.; pres., dom. 80 lbs., f. 125 lbs.

LENOIR, p. 3,864; f. area, 15 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$500; val. bldgs., \$200; exp. dept., \$40; tot. mem., 15 vol.; undrs. rating, third class.

Water Supply—Src., impounding dam., cap. 15,000,000 gals., 1 m. bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; dim., 24 x 60; mat., conc. & iron; res. cap., 50,000 gals.; mains, 13 m., 4 to 12 in. dia.; 110 hyd.; 50 met.; 350 serv.; pres., dom. 73 lbs., f. 185 lbs.; cons. day, 20,000 gals.; cost, \$80,000; wks. owned by city.

LEXINGTON, p. 6,000; f. area, 50 a. F. dept.—1 h. & l. trk., 2 hose wag.; val. equip., \$3,500; exp. dept., \$1,820; tot. mem., 32, pd. full time 2, vol. 30.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; 2 pump. eng., cap. day 864,000 gals.; 69 hyd.; wks. owned by city.

LINCOLNTON, p. 2,413; f. area, 1,000 a.; bldgs., bk. & wd., 3 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 hand eng., 4 hose reels; hose, cot. lined, gd., 1,800 ft.; f. al., bell & wh.; val. equip., \$2,300; tot. mem., 15 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals., dim. 20 x 40 ft., mat. stl.; res. cap., 384,000 gals.; 2 pumps, cap. min. 1,000 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 50 hyd.; 39 v.; met., 50; pres., dom. 90 lbs., f. 150 lbs.; cons. day, 25,000 gals.; cost, \$35,000; cost mtce., \$1,200; wks. owned by city.

LITTLETON, p. 1,152; merc. bldgs., bk. & wd. F. dept.—1 ladder trk., 1 c. eng., buckets & ladders; f. al., bell.

Water Supply—Src., wells.

LOUISBURG, p. 1,775; f. area, 800 a. F. dept.—1 hose wag., 1 hose reel; val. equip., \$3,000; val. bldgs., \$400; exp. dept., \$900; tot. mem., 22 vol., pd. part time 1.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., grav.; stdp. cap., 300,000 gals.; res. cap., 700,000 gals.; 1 pump. eng., cap. day 750,000 gals.; 42 hyd.; 25 v.; 4 m. mains; pres., dom. 48 lbs., f. 98 lbs.; cons. day, 100,000 gals.; cost, \$65,000; cost mtce., \$1,800; wks. owned by city.

LUMBERTON, p. 2,230; f. area, 15,000 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., c. hand ex., 1 h. & l.

trk., 4 hose carts, 2 hrs., 2,500 ft. hose; f. al., Gamewell, 12 bx.; val. equip., \$10,000; val. bldgs., \$1,000; exp. dept., \$75; tot. mem. 20, pd. full time 2, vol. 18.

Water Supply—Riv. Lumber; sys., tk.; cap., 66,666 gals.; 2 pumps, dup., cap. 144,000 gals. day; mains, 2 m., 6 to 8 in. dia.; 30 hyd.; pres., 58 lbs.

MARION, p. 1,519; f. area, 40 a. F. dept.—2 hose reels, 1 hose wag., 1,000 ft. hose; val. equip., \$2,000; val. bldgs., \$550; exp. dept., \$240; tot. mem., 14 vol.

Water Supply—Src., riv.; sys., grav.; pump cap. day, 500,000 gals.; 64 hyd.; 40 v.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$65,000; cost mtce., \$800; wks. owned by city.

MAXTON, p. 1,821. F. dept.—2 hose carts, 1,000 ft. hose, vol.

MILTON, p. 419; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 hand eng., 1 hose car.; hose, linen, gd., 300 ft.; tot. mem., 30 vol.

Water Supply—Src., 2 large cisterns, cap. 74,000 gals., 13 priv. cisterns.

MONROE, p. 4,082; f. area, 650 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., wh., 2 bx.; val. equip., \$75,000; val. bldgs., \$4,000; tot. mem., 50 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., dir. pres.; res. cap., 110,000 gals.; 3 pump. eng., cap. day, 3,000,000 gals.; mains, c. l., 8 m., 4 to 3 in. dia.; 55 hyd.; met., 554; 554 serv.; 33 v.; pipe, galv. i.; pres., dom. 80 lbs., f. 140 lbs.; cons. day, 50,000 gals.; cost, \$56,000; cost mtce., \$4,000; wks. owned by city.

MOORESVILLE, p. 3,400; f. area, 10 a. F. dept.—2 hose reels, 2,750 ft. hose, 2 cut-off nozzles; val. equip., \$2,500; tot. mem., 21 vol.; undra. rating, third class.

Water Supply—Src., well, 1 m. bus. cent.; sys., compressed air; 2 pump. eng., cap. day 100,000 gals.; mains, 5,280 ft.; 13 hyd.; 11 v.; 50 serv.; pres., dom. 60 lbs., f. 150 lbs.; cost, \$15,000; wks. owned by city.

MOREHEAD, p. 2,039; f. area, 300 a.; merc. bldgs., bk. & conc., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 45-hp. gasoline eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels, 1 hr.; hose, cot., rub. lined, gd., 1,300 ft.; inf., 350 ft.; tot. hose, 1,650 ft.; f. al., bell; val. equip., \$5,215; val. bldgs., \$3,000; exp. dept., \$1,200; tot. mem., 30 vol.; undra. rating, third class.

Water Supply—Src., wells; sys., pump. & gasoline eng.

MORGANTON, p. 2,712; combt. ord. F. dept.—1 h. & l. trk., 3 hose carts, 850 ft. hose; mem., 20.

Water Supply—Src., 5 artesian wells & 1 well res., cap. 250,000 gals.; stdp. cap., 96,000 gals.; 1 pump; mains, $4\frac{1}{2}$ m.; 42 hyd.

MT. AIRY, p. 3,844. F. dept.—3 hose carts, 1 c. eng., 13,000 ft. hose; members, 14, part pd.

Water Supply—Src., strum., 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals.; dim., 24 x 45; mat. stl.; res. cap., 150,000 gals.; 2 pump. eng., class trip., cap. day, 575,000 gals.; mains, 6 m., 4 to 10 in. dia.; 62 hyd.; pres., dom. 45 to 80 lbs., f. 60 to 100 lbs.; wks. owned by city.

MURPHY, p. 1,500; f. area, 1 m. F. dept.—4 hose reels, 1 h. & l. trk., 1 hose wag.; f. al., bell; val. equip., \$2,150; val. bldgs., \$600; exp. dept., \$82; tot. mem., 18 vol.

Water Supply—Src., dam, 1 m. bus. cent.; sys., grav.; res. cap., 190,000 gals.; 60 hyd.; 20 v.; pres., dom. 100 lbs., f. 150 lbs.; cost, \$80,000; cost mtce., \$1,000; wks. owned by city.

NEWBERN, p. 9,961; f. area, 800 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 str., hand eng., 2 h. & l. trk., 3 hose wag., 5 hose car., 6 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 2,000 ft.; tot. hose, 6,000 ft.; f. al., Gamewell, 30 bx.; val. equip., \$25,000; val. bldgs., \$6,000; exp. dept., \$5,000; tot. mem., 300 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 180,000 gals., dim. 120 x 16; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, iron, 8 m., 6 to 12 in. dia.; 75 hyd.; met., 2; 383 serv.; pres., dom. 50 lbs., f. 100 lbs.; cost, \$75,000; cost mtce., \$3,500; wks. owned by city.

NEWTON, p. 2,316; f. area, 10 a.; merc. bldgs., bk., 1, 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. ord. strictly enforced. F. dept.—1 h. & l. trk.; f. al., bell; val. equip., \$500; val. bldgs., \$300; exp. dept., \$126; tot. mem., 25 vol.

Water Supply—Src., wells & elec. pumps.

NORTH WILKESBORO, p. 1,902. F. dept.—3 hose carts, h. & l. wag.; vol.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 117,000 gals.

OXFORD, p. 3,018; f. area, 420 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 hose wag., 1 h. & l. trk., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., Gamewell; val. equip., \$5,000; val. bldgs., \$7,000; exp. dept., \$1,200; tot. mem., 27 vol.; undra. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res. & to tk.; stdp. cap., 100,000 gals., dim. 23 x 39, mat. stl.; 2 res., cap. 130,000 gals., loc. at pump. station; 3 pump. eng., class trip., cap. day, 850,000 gals.; mains, c. l., 33,000 ft., 4 to 10 in. dia.; 64 hyd.; 21 v.; 875 met.; 414 serv.; pres., dom. & f. 60 lbs.; cons. day, 80,000 gals.; cost, \$72,000; wks. owned by priv. Co.

PLYMOUTH, p. 2,165; f. area, 1,800 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$2,200; val. bldgs., \$150; vol. Water Supply—Src., Roanoke Riv. & wells.

RALEIGH, p. 19,218; f. area, 1,400 a.; merc. bldgs., bk., 2 to 5 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. wag., 2 str., 2 c. hand ex., 1 h. & l. trk., 3 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., bell, 38 bx.; val. equip., \$19,500; val. bldgs., \$900; exp. dept., \$10,000; tot. mem., 100, pd. full time 14, pd. part time 12, vol. 64.

Water Supply—Src., Walnut Creek, $2\frac{1}{4}$ m. bus. cent.; sys., grav., pump to res. to stdp. & dir.; stdp. cap., 100,000 gals., dim. 24 x 30, loc. near cent. of city, mat. rock & bk.; impounding res. cap., 200,000,000 gals.; distributing res. cap., 2,000,000 gals.; 3 pump. eng., class comp. dup., cap. day 8,000,000 gals.; mains, c. l., 36 m., 4 to 16 in. dia.; 240 hyd.; 340 v.; met., 1,050; 3,700 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 60 to 100 lbs.; cons. day, 1,800,000 gals.; cost, \$475,000; wks. owned by city.

REIDSVILLE, p. 4,828; f. area, 25 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 10 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 1 hr.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$500; exp. dept., \$250; tot. mem., 9, pd. full time.

Water Supply—Src., wells, $2\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals., mat. stl.; pump. eng., class comp., cap. day 1,000,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 79 hyd.; 68 v.; met., 270; 825 serv.; pipe, galv. i.; pres., dom. 51 lbs., f. 100 lbs.; cons. day, 66,000 gals.; cost, \$30,000; cost mtce., \$3,500; wks. owned by city.

ROCKY MOUNT, p. 8,051; f. area, 50 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. c. & h. wag., 1 h. & l. trk., 2 hose wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; rub. gd., 300 ft.; inf., 1,000 ft.; tot. hose, 4,800 ft.; f. al., Gamewell, 32 bx.; val. equip., \$20,000; val. bldgs., \$3,000; exp. dept., \$1,800; tot. mem., 52, pd. full time 2, vol. 50; undra. rating, second class.

Water Supply—Src., riv., 7,700 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 145,000 gals., dim. 15 x 110, mat. iron; 3 pump. eng., class comp. dup., cap. day 2,850,000 gals.; mains, c. i., 16 m., 4 to 14 in. dia.; 118 hyd.; 92 v.; 636 met.; 1,256 serv.; pipe, galv. i.; pres., dom. 35 to 45 lbs., f. 100 lbs.; cons. day, 450,000 gals.; wks. owned by city.

ROXBORO, p. 1,425; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 20 vol.; undra. rating, third class.

Water Supply—Src., wells, 1 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; res. cap., 38,000 gals.; 2 pump. eng., cap. day 43,000 gals.; mains, c. i., 3 1/2 m., 4 to 10 in. dia.; 28 hyd.; pres., dom. 67 lbs., f. 100 lbs.; cons. day, 20,000 gals.

SALEM, p. 5,533; Winston-Salem consolidated as one city.

SALISBURY, p. 7,153; f. area, 1,000 a.; merc. bldgs., wd., stn. & bk., 2 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 auto. comb. c. & h. trk., 1 h. & 1 trk., 2 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$20,350; val. bldgs., \$7,000; exp. dept., \$2,700; tot. mem., 20, pd. full time 2, pd. part time 18; undra. rating, second class.

Water Supply—Src., creek, 1 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 240,000 gals., dim. 20 x 100, loc. cent. city, mat. wrt. i.; res. cap., 3,150,000 gals.; 3 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 12 1/2 m., 4 to 12 in. dia.; 100 hyd.; 65 v.; met., 729; 1,200 serv.; pipe, iron; pres., dom. 43 lbs., f. 85 lbs.; cons. day, 350,000 gals.; cost, \$90,000; wks. owned by city.

SANFORD, p. 2,282; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 8,000 ft.; rub., gd., 200 ft.; tot. hose, 8,200 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$750; exp. dept., \$225; tot. mem., 20 vol.

Water Supply—Src., creek, 3 m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 55,000 gals., dim. 16 x 35, mat. stl.; res. cap., 200,000 gals.; 2 pump. eng., cap. day 100,000 gals.; mains, c. i., 4 m., 8 in. dia.; 21 hyd.; 120 v.; met., 60; 300 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 75 lbs.; cons. day, 75,000 gals.; cost, \$30,000; cost mtce., \$2,500; wks. owned by city.

SCOTLAND NECK, p. 1,726; f. area, 4 blocks; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—2 h. & 1 trk., 1 rope ladder; f. al., bell; val. equip., \$200; val. bldgs., \$400; tot. mem., 15 vol.; undra. rating, fourth class.

Water Supply—Src., wells.

SHELBY, p. 3,127; causes of f. not inv. F. dept.—12 c. hand ex., 1 h. & 1 trk. with ex. ladders; tot. mem., 20 vol.

Water Supply—Not reported.

SMITHFIELD, p. 1,435; f. area, 12 a. F. dept.—1 c. eng., 1 hand pump; val. equip., \$800; exp. dept., \$20; tot. mem., 50 vol.

Water Supply—Waterwks. to be installed.

SOUTHERN PINES, p. 542. F. dept.—1 hand eng., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 18 vol.

Water Supply—Src., spr., 1 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 80,000 gals., dim. 30 x 22; res. cap., 120,000 gals.; 2 pump. eng., cap. day 140,000 gals.; mains, c. i., 6 m., 4 to 8 in. dia.; 48 hyd.; 12 v.; 268 serv.; pres., dom. & f., 90 lbs.; cons. day, 60,000 gals.; cost mtce., \$2,500; wks. owned by city.

STATESVILLE, p. 4,599. F. dept.—1 h. & 1 trk., 4 hose wag., 1 c. eng., 3 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; tot. mem., 32, pd. part time 2, vol. 30; undra. rating, second class.

Water Supply—Src., spr.; sys., pump to stdp.; stdp. cap., 150,000 gals., 115 ft. high; res. cap., 100,000,000 gals.; 2 pump. eng., class dup.; mains, 12 m., 4 to 10 in. dia.; 74 hyd.; pres., dom. 52 lbs.

TARBORO, p. 4,129; f. area, 45 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfs.

perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 3 hose reels, 1 hrs.; hose, cot., rub. lined, gd., 700 ft.; rub., gd., 500 ft.; tot. hose, 1,200 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$2,000; exp. dept., \$700; tot. mem., 52 vol.

Water Supply—Src., wells, 1/4 m. bus. cent.; sys., grav., pump to res. & stdp.; stdp. cap., 110,000 gals., dim. 25 x 25, mat. stl.; 2 pump. eng., class trip., cap. day 720,000 gals.; mains, iron, 4 m., 4 to 8 in. dia.; 43 hyd.; met., 202; 246 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 60 lbs.; cost, \$34,000; wks. owned by city.

WADESBORO, p. 2,376. F. dept.—1 c. eng., 2 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., telp.; tot. mem., 20 vol.

Water Supply—Src., wells, 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals., dim. 125 x 20; mat., stl.; res. cap., 125,000 gals.; 2 pump. eng., cap. day, 2,190,000 gals.; mains, c. i.; 4 m., 4 to 8 in. dia.; 20 hyd.; 158 met.; 400 serv.; pres., dom. 65 lbs., f. 65 to 150 lbs.; cons. day, 50,000,000 gals.; wks. owned by city.

WARRENTOWN, p. 807; f. area, 23 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. hand ex., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 600 ft.; inf., 500 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$185; tot. mem., 50 vol.

Water Supply—Src., cistern, cap. 12,000 gals.

WASHINGTON, p. 6,211; f. area, 800 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 3 hose wag., 3 hose car., 3 hrs.; hose, cot., rub. lined, gd., 3,800 ft.; f. al., bell, wh. & telp.; val. equip., \$10,500; val. bldgs., \$7,500; exp. dept., \$2,000; tot. mem., 214, pd. full time 3, pd. part time 6, vol. 205.

Water Supply—Src., wells, 1/4 m. bus. cent.; sys., pump to stdp. & dir. to mains; stdp. cap., 100,000 gals., dim. 140 x 40, mat. iron; 2 pump. eng., class trip., cap. day 600,000 gals.; mains, c. i., 9 m., 4 to 14 in. dia.; 70 hyd.; 62 v.; 240 met.; 600 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 200,000 gals.; cost, \$250,000; cost mtce., \$2,500; wks. owned by Co.

WAYNESVILLE, p. 2,008; f. area, 200 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$1,000; exp. dept., \$75; tot. mem., 15 vol.

Water Supply—Src., spr.; sys., grav.; stdp. cap., 700,000 gals., dim. 75 x 100, mat. stn. & dirt; res. cap., 700,000 gals.; mains, iron, 2 m., 6 in. dia.; 24 hyd.; 12 v.; pres., dom. 80 lbs., f. 80 lbs.; cost, \$20,000; cost mtce., \$900; wks. owned by city.

WHITEVILLE, p. 1,368; f. area, 200 a. F. dept.—1 comb. eng., 1,550 ft. hose; val. equip., \$1,100; exp. dept., \$200.

Water Supply—Src., wells & cistern; sys., pump; 1 pump; cost, \$350; wks. owned by city.

WILMINGTON, p. 25,748; f. area, 460 a.; merc. bldgs., stn., bk. & wd., 1 to 10 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. trk., 3 str., 1 c. eng., 12 c. hand ex., 2 h. & 1 trk., 4 hose wag., 15 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; rub., gd., 400 ft.; inf., 1,000 ft.; tot. hose, 6,400 ft.; f. al., Game-well, 55 bx.; val. equip., \$45,000; val. bldgs., \$50,000; exp. dept., \$35,000; tot. mem., 37, pd. full time.

Water Supply—Src., riv., 1 1/4 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 146,000 gals., dim. 20 x 90, loc. at northern end of city, mat. stl.; res. cap., 1,150,000 gals.; 4 pump. eng., cap. day 8,750,000 gals.; mains, c. i., 3 1/4 m., 4 to 24 in. dia.; 225 hyd.; 347 v.; met., 1,800 3,300 serv.; pipe, wrt. & galv. i.; pres., dom. 62 lbs., f. 120 lbs.; cons. day, 1,500,000 gals.; cost, \$385,000; cost mtce., \$25,000; wks. owned by city.

WILSON, p. 6,717; f. area, 12 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 1 hose wag., 3 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 2,500

ft.; f. al., Gamewell, 16 bx.; val. equip., \$6,500; val. bldgs., \$5,000; exp. dept., \$3,500; tot. mem., 50 vol.; undra. rating, second class.

Water Supply—Src., str., 2 m. bus. cent.; sys. pump to stdp.; stdp. cap., 145,000 gals.; dim. 15 x 110, loc. cent. town, mat. iron; 4 pump. eng., class str., trip., cap. day 3,500,000 gals.; mains, c. i., 14 m., 6 to 12 in. dia.; 100 hyd.; 660 met.; 660 serv.; pipe, lead & galv. l.; pres., dom. 44 lbs., f. 150 lbs.; cons. day, 531,000 gals.; cost, \$65,000; cost mtce., \$7,000; wks. owned by city.

WINSTON-SALEM, p. 17,167, f. area, 170 a.; merc. bldgs., bk. 1 to 5 stor.; priv., bk. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. pump. eng., c. & h. wag., 4 str., 6 c. hand ex., 2 h. & l. trk., 1 aer. trk., 6 hose wag., 2 hose reels, 15 hrs.; hose, cot., rub. lined, gd., 6,100 ft.; f. al., Gamewell, 27 bx.; val. equip., \$40,000;

val. bldgs., \$37,500; exp. dept., \$18,000; tot. mem., 171, pd. full time 9, pd. part time 7, vol. 155.

Water Supply—Src., creeks, 2½ m. bus. cent.; sys., grav. & pump to stdp.; 2 stdp., cap. 2,500,000 gals.; 1,500,000 gals.; res. cap., 180,000, 000 gals.; 6 pump. eng., cap. day, 9,750,000 gals.; mains, c. i., 27 m., 3 to 12 in. dia.; 320 hyd.; 3,500 serv.; 430 v.; met., 1,100; pipe, lead; pres., dom. 40 lbs., f. 100 to 150 lbs.; cons. day, 1,500,000 gals.; cost, \$300,000; wks. owned by city.

Places with a population of 1,000 or more having no organized fire dept.—Bessemer, Bryson City, Caroleen, Cherryville, Clayton, Mayadan, Randleman, Rockingham, Rutherfordton, Southport, Wake Forest, Weldon.

Places with a population of 1,000 or more not reported—Albemarle, Hawriver, Henrietta, McAdenville.

NORTH DAKOTA

ABERCROMBIE, p. 350; f. area, 80 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 10 c. hand ex., 1 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 300 ft.; inf., 200 ft.; tot. hose, 500 ft.; f. al., bell; val. equip., \$1,300; val. bldgs., \$900; tot. mem., 21 vol.

Water Supply—Src., well, 1 block bus. cent.; sys., cistern, cap. 10,000 gals.; res. cap., 7,000 gals.; mains, 4,000 ft., 2 in. dia.; pres., dom. 15 lbs., f. 150 lbs.; wks. owned by priv. Co.

ARDOCH, p. 271; f. area, 10 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 hand eng., 1 hose car., 1 hose wag.; hose, gd., 900 ft.; val. equip., \$1,000; val. bldgs., \$200; undra. rating, fourth class.

Water Supply—Src., large artesian wells in bus. cent.

BARTON, p. 202. F. dept.—2 c. eng.; val. equip., \$1,500; exp. dept., \$55; tot. mem., 19 vol. No waterwks.

BATHGATE, p. 328; f. area, 20 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—1 hand eng., 4 c. ex., 1 h. & l. trk., 1 hose car.; hose, rub., gd., 800 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$160; tot. mem., 40 vol.; undra. rating, fourth class.

Water Supply—Src., Tongue Riv.

BINFORD, p. 275; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 4 c. hand ex., 1 auto. trk.; hose, cot., rub. lined, gd., 100 ft.; rub., gd., 50 ft.; tot. hose, 150 ft.; f. al., bell; val. equip., \$900; val. bldgs., \$500; tot. mem., 16 vol.; undra. rating, fifth class.

No waterwks.

BISMARCK, p. 5,443; f. area, 3,000 a.; bldgs., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 supply wag., 3 hose car., hrs. hired; hose, cot., rub. lined, gd., 2,000 ft.; linen, gd., 800 ft.; inf., 600 ft.; tot. hose, 3,400 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,500; exp. dept., \$6,500; tot. mem., 85, pd. full time 1, vol. 84; undra. rating, third class.

Water Supply—Src., Mo. riv., 2½ m. bus. cent.; sys., grav., res. cap., 3,500,000 gals.; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 25 m., 4 to 12 in. dia.; 90 hyd.; 140 v.; met., 600; 950 serv.; pres., dom. & f., 70 lbs.; cons. day, 700,000 gals.; cost, \$300,000; cost mtce., \$24,000; wks. owned by priv. Co.

BOTTINEAU, p. 1,331. F. dept.—1 h. & l. trk., 2 hose reels, 2 c. hand ex., 1 gasoline eng.; hose, c., 150 ft.; cot. jacket, 1,250 ft.; tot. hose, 1,400 ft.; f. al., telp. & bell; tot. mem., 26 vol.

Water Supply—Src., cistern, cap. 500 bbls.

CANDO, p. 1,332; f. area, 200 a.; merc. bldgs., wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 20 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd.,

2,000 ft.; f. al., bell; val. equip., \$35,000; val. bldgs., \$3,000; tot. mem., 45 vol.

Water Supply—Src., 3 wells, ½ m. bus. cent.; sys., pump to res.; res. cap., 44,800 gals.; 1 pump. eng., cap. day 172,800 gals.; mains, c. i., 3 m., 4 to 8 in. dia.; 22 hyd.; 10 v.; 150 serv.; 150 met.; pres., dom. & f., 45 lbs.; cons. day, 20,000 gals.; cost, \$14,000; cost mtce., \$1,000; wks. owned by city.

CARRINGTON, p. 1,217; bldgs., frame & bk. F. dept.—1 h. & l. trk., 1 hose cart, 1 gasoline eng., 2 c. eng.; hose, 1,000 ft.; f. al., bell; tot. mem., 35 vol.

Water Supply—Src., well, 4 m. bus. cent.; sys. pump to stdp.; stdp. cap., 175,000 gals.; res. cap., 64,800 gals.; 1 pump. eng., cap. day 105,000 gals.; mains, 8½ m., 6 to 8 in. dia.; 55 hyd.; 30 v.; 110 met.; pres., dom. 40 lbs., f. 90 lbs.; cons. day, 40,000 gals.; cost, \$90,000; cost mtce., \$2,000; wks. owned by city.

CASSETON, p. 1,553; f. area, 500 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 gasoline eng., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 150 ft.; inf., 500 ft.; tot. hose, 3,150 ft.; f. al., bell & wh.; val. equip., \$8,500; val. bldgs., \$4,000; exp. dept., \$300; tot. mem., 57 vol.; undra. rating, fourth class.

Water Supply—Src., wells.

CAVALIER, p. 652; f. area, 180 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area. F. dept.—1 gasoline eng., 1 c. eng., 2 hose car.; hose, gd., 2,800 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$750; tot. mem., 25 vol.

Water Supply—Src., riv., 400 ft. bus. cent.; res. cap., 1,050 bbls.; pump. eng., cap. 30 gals. min.; cost, \$3,500.

COOPERSTOWN, p. 1,019; f. area, 40 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—2 str., 2 c. eng., 6 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 2,500 ft.; tot. hose, 5,000 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 35 vol.

Water Supply—Src., 5 large cisterns, cap. 1,500 bbls. each; cost, \$4,000.

CROSBY, p. 600; f. area, 50 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hose reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,500; tot. mem., 30 vol.

Water Supply—Not reported.

CRYSTAL, p. 376; f. area, 160 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 gasoline eng., 1 hose car. & ladders; hose, linen, gd., 1,400 ft.; poor, 200 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$700; exp. dept., \$100; tot. mem., 40 vol.; undra. rating, third class.

Water Supply—Src., Park Riv., 800 ft. bus. cent.; sys., pump. to tank, cap. 800 bbls.; cost, \$4,000; wks. owned by city.

DEVIL'S LAKE, p. 5,157; f. area, 560 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$7,500; val. bldgs., \$16,000; exp. dept., \$8,000; tot. mem., 28 vol.

Water Supply—Src., artesian well; sys., pump to stdp.; stdp. cap., 50,000 gals.; 2 res., cap. 192,000 gals.; 2 pump. eng.; mains, 6 m., 4 to 10 in. dia.; 71 hyd.; wks. owned by Western Utilities Corp.

DICKINSON, p. 3,878; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,400 ft.; inf., 800 ft.; tot. hose, 1,700 ft.; f. al., wh.; val. equip., \$4,000; tot. mem., 32 ft.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; well cap., 50,000 gals.; res. cap., 94,000 gals.; 2 pumps, class trip.; cap. day, 1,880,000 gals.; mains, 6 m., 6 to 8 in. dia.; 80 hyd.; 38 v.; 304 met.; 308 serv.; pres., dom. 74 lbs., f. 85 lbs.; cons. day, 120,000 gals.; cost, \$75,000; cost mtce., \$4,800; wks. owned by city.

DOUGLAS, p. 200; f. area, 15 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 12 c. hand ex., 1 h. & l. trk.; hose, rub. lined, gd., 150 ft.; f. al., bell; val. equip., \$850; tot. mem., 32 vol.; undra. rating, fifth class.

No waterwks.

DRAYTON, p. 587; f. area, 40 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1½ & 2 stor.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. eng., 1 h. & l. trk., 2 hose cart.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 809 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$3,650; val. bldgs., \$1,200; exp. dept., \$400; tot. mem., 25 vol.; undra. rating, third class.

EDGELEY, p. 749; f. area, 100 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 2 hose carts; hose, cot., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,200; tot. mem., 25 vol.; undra. rating, third class.

Water Supply—Src., artesian wells; mains, ¼ m.; 1 pump. eng.; 4 hyd.; pres., 40 lbs.; cost, \$6,000; wks. owned by city.

ELLENDALE, p. 1,389; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; org. f. co., 25 vol.; undra. rating, third class.

Water Supply—Src., artesian wells; sys., grav.; pipe, ¼ m., 4 to 6 in. dia.; 18 hyd.; 26 traps; pres., 110 lbs.; cost, \$8,000; wks. owned by town.

ENDERLIN, p. 1,540. F. dept.—1 c. eng., 2 hose carts, 2,000 ft. hose; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 120,000 gals.; mains, c. l., 3½ m.; 49 hyd.; 20 v.; 125 met.; pres., dom. 45 to 50 lbs., f. 150 lbs.; cons. day, 12,000 gals.; wks. owned by city.

FARGO, p. 14,331; f. area, 23,000 a.; merc. bldgs., bk., cem., stn., conc. & iron, 2 to 5 stor.; priv., wd., bk. & cem., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 10 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 hose wag., 1 hose wag. in reserve, 12 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 32 bx.; val. equip., \$23,400; val. bldgs., \$29,000; exp. dept., \$20,000; tot. mem., 19, pd. full time; undra. rating, second class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; 2 pump. eng., class comp. dup. & quad., cap. day, 7,000,000 gals.; mains, c. l., 35 m., 4 to 18 in. dia.; 425 hyd.; 125 v.; met., 180; 2,350 serv.; pipe, lead & iron; pres., dom. 45 lbs., f. 75 to 100 lbs.; cons. day, 2,600,000 gals.; cost, \$225,000; cost mtce., \$58,000; wks. owned by city.

FLAXTON, p. 301; f. area, 40 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l.

trk., c. hand ex., hose reels; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$400; tot. mem., 35 vol.

Water Supply—Src., cistern, 1 block bus. cent.

GACKLE, p. 300. F. dept.—12 c. hand ex., 1 h. & l. trk.; val. equip., \$600; val. bldgs., \$160; tot. mem., 31 vol.

No waterwks.

GLEN ULLIN, p. 971; f. area, 320 a.; merc. bldgs., bk. & wd., 1½ & 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 12 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,800 ft.; inf., 800 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$1,000; exp. dept., \$50; tot. mem., 72 vol.; undra. rating, fourth class.

Water Supply—Not reported.

GRAFTON, p. 2,289; f. area, 460 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 8 hose cart.; hose, cot., rub. lined, gd., 1,850 ft.; inf., 1,200 ft.; tot. hose, 3,050 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$1,500; tot. mem., 60 vol.

Water Supply—Src., wells, 600 ft. bus. cent.; sys., pump dir.; pump. eng., cap. day 37,200 gals.; mains, 2 m., 4 to 8 in. dia.; 86 hyd.; 13 v.; 84 serv.; pres., dom. 10 lbs., f. 130 lbs.; cost, \$27,000; cost mtce., \$3,000; wks. owned by city.

GRAND FORKS, p. 12,478; f. area, 39½ a.; merc. bldgs., bk., 2 to 5 stor.; priv., bk. & wd., 1 & 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 6 c. hand ex., 2 hose wag., 1 h. & c. wag., 6 hrs.; hose, cot., rub. lined, gd., 5,500 ft.; f. al., Gamewell, 31 bx.; val. equip., \$20,000; val. bldgs., \$30,000; exp. dept., \$13,000; tot. mem., 18, pd. full time 9, pd. part time 9.

Water Supply—Src., Red Lake Riv., 1 m. bus. cent.; sys., pump to res.; res. cap., 2,500,000 gals.; 3 pump. eng., class trip., cross comp. & comp. dup., cap. day 7,000,000 gals.; mains, iron, 24 m., 6 to 16 in. dia.; 235 hyd.; 1,800 met.; 2,200 serv.; pipe, galv. i. & lead; pres., dom. 40 lbs., f. 110 lbs.; cons. day, 1,000,000 gals.; cost, \$371,787; wks. owned by city.

HAMILTON, p. 260; f. area, 16 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose reel; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$200; exp. dept., \$15; tot. mem., 30 vol.

Water Supply—Not reported.

HANKINSON, p. 1,503. F. dept.—1 c. eng., 2 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,250 ft.; inf., 500 ft.; tot. hose, 1,750 ft.; f. al., bell, 4 bx.; val. bldgs., \$6,000; tot. mem., 30 vol.

HARVEY, p. 1,443. F. dept.—1 h. & l. trk., 2 c. eng., 1 hose cart., 1 hose wag.; hose, cot. jacket, gd., 1,000 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., Sheyenne Riv.; sys., pump to stdp.; stdp. cap., 60,000 gals.; 1 pump. eng.; mains, 4 to 6 in. dia.; 41 hyd.

HATTON, p. 800; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. are not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 4 c. hand ex., 1 c. eng., 1 hose wag., 1 h. & l. trk.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 30 vol.; undra. rating, fifth class.

Water Supply—Not reported.

HETTINGER, p. 900; f. area, 160 a. F. dept.—2 c. eng., 50 c. hand ex.; hose, rub. lined, gd., 100 ft.; inf., 50 ft.; tot. hose, 150 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$1,000; tot. mem., 36 vol.; undra. rating, fifth class.

No waterwks.

HILLSBORO, p. 1,237; f. area, 250 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 36 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,600 ft.; inf., 400 ft.; tot. hose, 2,000 ft.; f. al.,

bell & wh.; val. equip., \$6,000; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 50 vol.

Water Supply—Src., wells & cisterns, large tk. 100 ft. high with water mains all over town.

HOOPLE, p. 175; f. area, 5 a.; merc. bldgs., bk., 1 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 hose wag.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$1,500; exp. dept., \$50; tot. mem., 15 vol.

Water Supply—Src., cisterns & riv., in cent. bus. dist.; sys., pump; 2 cisterns, cap. 700 gals.; cost mtce., \$200; wks. owned by city.

HOPE, p. 909; f. area, 10 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$1,000; exp. dept., \$100; tot. mem., 48; pd. full time 2, 46 vol.

No waterwks.

JAMESTOWN, p. 4,358; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$10,000; exp. dept., \$1,800; tot. mem., 55 vol.

Water Supply—Src., 4 wells, in bus. cent.; sys., grav. & pump dir.; stdp. cap., 130,000 gals.; 2 pump. eng.; class. centrif. & trip.; cap. day, 1,872,000 gals.; mains, c. i., 15 m., 4 to 10 in. dia.; 66 hyd.; 72 v.; 190 serv.; 415 met.; pipe, lead & galv. i.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 815,000 gals.; cost mtce., \$1,800; wks. owned by city.

KENMARE, p. 1,437; f. area, 20 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al., wh.; val. equip., \$2,000; tot. mem., 56 vol.

Water Supply—Src., wells; pump to stdp.; stdp. cap., 1,500 bbla.; res. cap., 6,000 bbla.; 1 pump. eng., class trip., cap. day 720,000 gals.; mains, 3 m., 4 to 8 in. dia.; 26 hyd.; pres., dom. 75 lbs., f. 150 lbs.

LAKOTA, p. 1,023. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot. jacketed, gd., 1,600 ft.; f. al., bell; tot. mem., 42 vol.

Water Supply—Src., well, cistern, 1,000 bbla.; 1 pump. eng., class dup.

LA MOURE, p. 1,000; f. area, 120 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$2,200; val. bldgs., \$2,000; tot. mem., 28 vol.

Water Supply—Src., artesian well within city; sys., grav.; mains, 3½ m., 6 in. dia.; 22 hyd.; pres., dom. 45 lbs., f. 200 lbs.; cost, \$26,000; wks. owned by city.

LANGDON, p. 1,214; f. area, 24 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 gas. eng., 1 c. eng., c. hand ex., 4 hose wag.; hose, cot., rub. lined, gd., 2,250 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 25 vol.; undra. rating third class.

Water Supply—Src., wells, in bus. cent.; sys., with force pumps & 500 ft. 1½ hose to each pump; kept in gd. repair.

LANSFORD, p. 500; f. area, 60 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 1,900 ft.; tot. hose, 3,100 ft.; f. al., bell; val. equip., \$3,000; tot. mem., 26 vol.

Water Supply—Not reported.

LARIMORE, p. 1,224; bldgs., wd., 2 stor.; wd. rfs. perm. F. dept.—1 str., 1 h. & l. trk., 2 hose car., 1 50-gal. c.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$8,500; val. bldgs.,

\$1,000; exp. dept., \$352.66; tot. mem., 40, pd. full time 3, pd. part time 1, vol. 26; undra. rating, third class.

Water Supply—Src., cisterns & tk.; no waterwks.

LEMMON, Perkins Co., p. 1,200. F. dept.—2 c. eng., 2 hose carts, 1 h. & l. trk., 1,800 ft. hose; f. al., bell; tot. mem., 45 vol.

Water Supply—Src., well; cistern cap., 20,000 gals.; 1 pump. eng.; mains, 2,500 ft., 4 to 8 in. dia.; 7 hyd.

LIDGERWOOD, p. 1,019. F. dept.—1 h. & l. trk., 2 c. eng., 2 hose carts; hose, cot. jacket, gd., 1,000 ft.; f. al., bell & wh.; tot. mem., 50 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; res. cap., 4,500 bbla.; 2 pump. eng., cap. day 550,000 gals.; mains, 6,650 ft., 4 to 6 in. dia.; 15 hyd.; pres., dom. 60 lbs., f. 150 lbs.

LISBON, p. 1,758; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$3,000; exp. dept., \$1,200; tot. mem., 50 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to stdp.; res. cap., 235,000 gals.; loc. 5 blocks west Main st.; 1 pump. eng., class gas. cap. day 100,000 gals.; mains, c. i., 5 m., 4 to 5 in. dia.; 56 hyd.; met., 12; pipe, galv. i.; pres. dom. 40 lbs., f. 60 lbs.; cost, mtce., \$900; wks. owned by city.

LITCHVILLE, p. 500; f. area, 80 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 gas. eng., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,500; tot. mem., 24 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 252,000 gals.; mains, 1 m., 2 to 6 in. dia.; 7 hyd.; 2 v.; pres. dom. 20 lbs., f. 50 lbs.; cons. day, 2,000 gals.; cost, \$3,800; cost mtce., \$275; wks. owned by city.

McVILLE, p. 310; f. area, 80 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 3 c. eng., 8 c. hand ex.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$3,412; val. bldgs., \$675; tot. mem., 35 vol.; undra. rating, fifth class.

Water Supply—Src., cisterns & wells, 1 & 2 blocks bus. cent.; sys., grav.; res. cap., 1,000 bbla.; 1 pump. eng., cap. min. 325 gals.; mains, 1,000 ft., 2½ in. dia.; wks. owned by village.

MANDAN, p. 3,873; f. area, 300 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose carts; hose, cot., rub. lined, gd., 3,000 ft.; inf., 200 ft.; tot. hose, 3,200 ft.; f. al., wh.; val. equip., \$4,000; val. bldgs., \$3,000; exp. dept., \$300; tot. mem., 80 vol.

Water Supply—Src., Missouri Riv., 2½ m. bus. cent.; sys., grav.; res. cap., 585,000 gals.; 2 pump. eng.; cap. day, 600,000 gals.; mains, c. i., 5 m., 4 to 12 in. dia.; 57 hyd.; 48 v.; 274 met.; 274 serv.; pipe, c. i.; pres., dom. & f. 73 lbs.; cons. day, 120,000 gals.; cost, \$86,000; cost mtce., \$150; wks. owned by town.

MARMARTH, p. 790; f. area, 300 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 600 ft.; f. al., wh.; val. equip., \$1,000; exp. dept., \$300; tot. mem., 15 vol.

Water Supply—Src., deep well, ¼ m. bus. cent.; sys., pump; 2 pump. eng., cap. day 250,000 gals.; mains, c. i., 1 m., 1 to 6 in. dia.; 6 hyd.; 2 v.; pres., f. 100 lbs.; cost, \$2,500; cost mtce., \$300; wks. owned by town.

MAYVILLE, p. 1,070; f. area, 60 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 25 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, rub. gd., 1,500 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$250; tot. mem., 31 vol.

Water Supply—Src., riv., 1 tk., cap. 2,500 bbls.; sys., grav.; 2 pumps, cap. 800,000 gals. day; mains, 2½ m., 4 to 6 in. dia.; 18 hyd.; cost, \$10,500; wks. owned by city.

MILNOR, p. 641; f. area, 200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. ord.; f. inv. F. dept.—2 c. eng., 2 comb. c. & h. wag., 1 h. & l. trk.; hose, cot., gd., 250 ft.; inf., 50 ft.; tot. hose, 300 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$65; tot. mem., 27 vol.

Water Supply—Src., artesian wells with street pumps.

MILTON, p. 550; f. area, 15 a.; merc. bldgs., cem. & bk., 2 stor.; priv., wd., 1 to 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 8 hose reels; hose, cot., rub. lined, gd., 1,600 ft.; inf., 800 ft.; tot. hose, 2,400 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$2,500; exp. dept., \$200; tot. mem., 16 vol.

Water Supply—Not reported.

MINNEWAUKAN, p. 500; f. area, 40 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. are not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 12 c. hand ex., 1 h. & l. trk.; hose, rub. lined, gd., 180 ft.; val. equip., \$1,000; val. bldgs., \$4,000; exp. dept., \$100; tot. mem., 38 vol.

Water Supply—Not reported.

MINOT, p. 6188; f. area, 160 a.; merc. bldgs., bk., 1 to 6 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. eng., 1 h. & l. trk., 2 hose car., 1 hose wag.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., wh.; tot. mem., 30 vol.

Water Supply—Src., well, 3 blocks bus. cent.; sys., pump dir.; stdp. cap., 3,500 bbls.; pump. eng.; mains, iron, 2 m., 8 in. dia.; 8 hyd.; 50 serv.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$11,000; cost mtce., \$1,200; wks. owned by city.

MINTO, p. 701; f. area, 60 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—1 hand eng., 2 c. ex., 2 hose car., 2 hose wag.; hose, rub., gd., 1,000 ft.; cot., gd., 1,800 ft.; linen, gd., 200 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$6,000; exp. dept., \$100; tot. mem., 40 vol.; undra. rating, fourth class.

Water Supply—Src., wells, 4 large res.

MOHALL, p. 700; f. area, 300 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline eng., 1 h. & l. trk., 4 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$1,500; tot. mem., 22 vol.

Water Supply—Src., deep well in bus. cent.; sys., pump to stdp.; res. cap., 120 bbls.; 1 pump. eng., cap. day 25,000 gals.; wks. owned by city.

NEW SALEM, p. 850; f. area, 3 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline eng., 6 hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,500; tot. mem., 45 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 1,200 bbls.; 1 pump. eng., cap. day 20,000 gals.

NOME, p. 300; f. area, 40 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose reel; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$835; val. bldgs., \$1,000; tot. mem., 16 vol.

Water Supply—Src., artesian well, 1 block bus. cent.; sys., grav.; mains, 2½ m., 4 to 6 in. dia.; 52 hyd.; pres., f. 70 lbs.; cost, \$1,500; wks. owned by village.

OAKES, p. 1,499; f. area, 480 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 4,500 ft.; f. al., bell; val. equip., \$5,000; tot. mem., 52 vol.; undra. rating, third class.

Water Supply—Src., 4 artesian wells, in bus. cent.; sys., dir. pres.; 1 pump. eng., cap. 400 gals. min.; mains, c. l., 2½ m., 4 to 6 in. dia.; 52 hyd.; 85 v.; pres., dom. 35 lbs., f. 85 lbs.; cons. day, 300,000 gals.; cost, \$9,000; cost mtce., \$800; wks. owned by city.

PAGE, p. 550; f. area, 80 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk.; f. al., bell; val. equip., \$1,000; val. bldgs., \$600; tot. mem., 21 vol.; undra. rating, fourth class.

Water Supply—Not reported.

PARK RIVER, p. 1,008; f. area, 600 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell elec. & telp.; val. equip., \$3,500; val. bldgs., \$6,000; exp. dept., \$100; tot. mem., 36 vol.

Water Supply—Src., wells & pump. plant, tk. on tower; hyd., 11.

PEMBINA, p. 717; f. area, 300 a.; merc. bldgs., wd., bk. & cem., 1 & 2 stor.; priv., bk. & wd., 1, 1½ & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 1 gasoline eng., 1 aer. trk., 1 hose cart, 1 hose wag.; hose, cot., rub. lined, gd., 800 ft.; inf., 300 ft.; tot. hose, 1,100 ft.; f. al., bell; tot. mem., 20, pd. full time 1, vol. 19.

Water Supply—Src., Red Riv.; sys., pump to res.; cap. res., 60,000 gals.; wks. owned by city.

PISEK, p. 325; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 10 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 200 ft.; f. al., bell; val. equip., \$700; val. bldgs., \$800; exp. dept., \$100; tot. mem., 35 vol.

No waterwks.

PORTLAND, p. 561; f. area, 160 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. are not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas. eng., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,700 ft.; f. al., bell; val. equip., \$3,753; val. bldgs., \$2,500; tot. mem., 30 vol.; undra. rating, third class.

Water Supply—Not reported.

ROLLA, p. 800; f. area, 40 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 20 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, cot. lined, gd., 1,500 ft.; rub. lined, 50 ft.; tot. hose, 1,550 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; tot. mem., 80 vol.

Water Supply—Not reported.

RUGBY, Pierce Co., p. 1,630. F. dept.—4 c. hand ex., 1 hose wag., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; tot. mem., 26 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 52,000 gals.; 2 pump. eng.; cap. day, 259,200 gals.; mains, 2 m., 6 to 10 in. dia.; 28 hyd.; 30 v.; 70 met.; 70 serv.; pipe, c. i.; pres., dom. & f. 65 lbs.; cons. day, 18,000 gals.; cost, \$23,000; cost mtce., \$1,400; wks. owned by city.

ST. THOMAS, p. 513; f. area, 80 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. limits; fwks. ord.; f. inv. F. dept.—1 gas. eng., 1 h. & l. trk., 15 c. ex., 2 hose car.; hose, cot., gd., 2,000 ft.; inf., 200 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$3,000; tot. mem., 45 vol.; undra. rating, third class.

Water Supply—Src., artesian well, in bus. part town, 3 under ground; sys., grav.; res. cap., 6,000 gals.; pipe, 300 ft., iron; cost, \$2,500.

SCRANTON, p. 297; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline eng., ladders, c. hand ex., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$2,000; exp. dept., \$300; tot. mem., 24 vol.

Water Supply—Src., res.

SHELDON, p. 388; f. area, 40 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd.

rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,500; vol.; undra. rating, third class.

Water Supply—Src., artesian well, 1 block bus. cent.; sys., grav.; mains, 1 m., 8 in. dia.; 12 hyd.; 4 v.; pipe, iron; pres., dom. 75 lbs.; f. 125 lbs.; cost, \$5,000; cost mtce., \$50; wks. owned by city.

TOLNA, p. 250; f. area, 30 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng.; f. al., bell; val. equip., \$700; vol.

No waterwks.

TOWER CITY, p. 452; f. area, 100 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—20 c. hand ex., 2 c. eng., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 200 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$300; exp. dept., \$140; tot. mem., 28 vol.

Water Supply—Src., artesian well.

TOWNER, p. 800; f. area, 100 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 50 c. hand ex., 1 h. & 1 trk., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$72; tot. mem., 28 vol.

Water Supply—Not reported.

UNDERWOOD, p. 350; f. area, 160 a.; merc. bldgs., wd., 1 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & h. wag., 2 c. eng., 1 h. & 1 trk., 1 hose reel; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 200 ft.; tot. hose, 500 ft.; f. al., bell; val. equip., \$850; tot. mem., 30 vol.

Water Supply—Not reported.

VALLEY CITY, p. 4,606; f. area, 6 blocks; bldgs., bk. & wd., 1½ to 3 stor.; wd. rfa. not perm.; no fwks. ord.; f. inv. F. dept.—1 h. & 1 trk., 4 c. ex., 2 hose carts, 1 hose wag.; hose, rub., gd., 3,000 ft.; f. al., wh.; val. equip., \$6,000; exp. dept., \$1,500; tot. mem., 60 vol.

Water Supply—Src., Sheyenne Riv., ¼ m. distant; sys., pump dir.; res. cap., 2,000 bbla.; pump, eng., cap. day 70,000 gals.; pipe, iron, 2½ m., 4 to 6 in. dia.; 85 hyd.; 100 serv.; pipe, lead; pres., f. 250 lbs.; cost, \$14,000; cost mtce., \$900; wks. owned by city.

VELVA, p. 837. F. dept.—2 hose carts; hose, cot. jacket, gd., 1,000 ft.; f. al., bell; tot. mem., 30 vol.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., grav.; res. cap., 85,000 gals.; 2 pump. eng., cap. day 360,000 gals.; mains, c. i., 3 m., 4 to 8 in. dia.; 29 hyd.; 129 met.; wks. owned by city.

VERONA, p. 300; f. area, 30 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & 1 trk.; f. al., bell; val. equip., \$750; val. bldgs., \$250; exp. dept., \$75; tot. mem., 32 vol.

Water Supply—Not reported.

WAHPETON, p. 2,467; f. area, 480 a.; merc. bldgs., stn. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$1,500; tot. mem., 90 vol.; undra. rating, third class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav., pump dir.; res. cap., 1,000,000 gals.; stdp. cap., 3,000,000 gals.; mains, kalamein, 10 m., 3 to 12 in. dia.; 30 hyd.; 20 v.; 2 met.; 400 serv.; pres., dom. 45 to 55 lbs., f. 80 lbs.; cons. day, 300,000 gals.; cost, \$140,000; cost mtce., \$3,500; wks. owned by city.

WALCOTT, p. 390; f. area, 50 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., 1 & 2 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., c. hand ex., 1 h. & 1 trk.; hose, rub. lined, gd., 300 ft.; f. al., bell; val. equip., \$300; val. bldgs., \$125; exp. dept., \$50; tot. mem., 28 vol.

Water Supply—Src., well in bus. cent.; sys., grav.; res. cap., 80 bbla.; cost, \$100; cost mtce., \$15; wks. owned by city.

WALHALLA, p. 593. F. dept.—1 c. eng., 2 hose carts, 1 h. & 1 trk., 1,000 ft. hose; f. al., bell; tot. mem., 55 vol.

Water Supply—Src., well, 2 blocks bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 792,000 gals.; mains, iron, 4 to 6 in. dia.; 5 hyd.; pipe, wrt. i.; pres., f. 120 lbs.; cost, \$2,000; cost mtce., \$300; wks. owned by priv. Co. and city.

WASHBURN, p. 900; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 c. eng., 12 c. hand ex., 1 h. & 1 trk., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$1,500; tot. mem., 28 vol.; undra. rating, fourth class.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., grav.; stdp. cap., 50,000 gals., dim. 24 x 16, mat. stl.; res. cap., 100,000 gals.; 2 pump. eng., cap. day 210,000 gals.; mains, c. i., 1 m., 6 to 8 in. dia.; 8 hyd.; 4 v.; met., 30; pipe, galv. i.; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 5,000 gals.; cost, \$21,000; wks. owned by city.

WILLISTON, p. 3,124; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 comb. c. & h. wag., 2 hose carts, 12 c. hand ex., 2 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., wh.; val. equip., \$4,580; val. bldgs., \$900; exp. dept., \$2,200; tot. mem., 21, pd. full time 1, pd. part time 2, vol. 18.

Water Supply—Src., Missouri Riv.; sys., pump to stdp.; stdp. cap., 93,000 gals.; mains, 1 m., 4 to 8 in. dia.; 21 hyd.; pres., dom. 45 lbs., f. 105 lbs.

WILTON, p. 600; f. area, 80 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas. eng., 1 c. eng., 1 hose wag.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell, 1 bx.; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 25 vol.

Water Supply—Src., cisterns, sys., pump dir.; res. cap., 75,600 gals.; 1 pump. eng.; wks. owned by city.

WIMBLEDON, p. 571; f. area, 40 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 3 hose wag., ladders; hose, cot., rub. lined, gd., 1,700 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$200; tot. mem., 28 vol.

Water Supply—Src., res., in bus. cent.; sys., dir. pres.; res. cap., 1,500 bbla.; mains, 800 ft., 6 in. dia.; 3 hyd.; pres., dom. 65 lbs.; wks. owned by city.

OHIO

ADA, p. 2,465; f. area, 640 a.; merc. bldgs. wd. & bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 comb. c. & ladder wag., 1 c. eng., 4 c. hand ex., 1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., elec., 15 bx.; val. equip., \$10,000; val. bldgs., \$8,000; exp. dept., \$450; tot. mem., 16 vol.; rating, fourth class.

Water Supply—Src., wells, 800 ft. bus. cent.; sys., pump dir.; 3 pump. eng., cap. day 1,500,000 gals.; mains, iron, 4 m., 4 to 10 in. dia.; 18 hyd.; 16 v.; met., 122; 350 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 200,000 gals.; cost, \$75,000; wks. owned by Co.

ADDYSTON, p. 1,543. F. dept.—2 c. eng.; 1 h. & 1 trk., 2 hose cart; hose, cot., rub. lined, gd., 1,300 ft.; inf., 200 ft.; tot. hose, 1,500 ft.; tot. mem., 50 vol.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 150,000 gals.; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 60,000 gals.; wks. owned by Co.

AKRON, p. 69,067; f. area, 6,500 a.; merc. bldgs., bk. & wd., 1 to 8 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—3 str., 4 trip. comb. auto. f. eng., 4 comb. c. & h. wag., 1 trip. comb. c. ladder & hose trk., 26 c. hand ex., 8 gal. each, 2 aer. trk., 1 75-ft. ladder, 1 65-ft. ladder, 1 hose reel & 1 comb. wag. in reserve, 1 chief's auto., 7 exercise wag., 23 hrs., 8 in reserve; hose, cot., rub. lined, gd., 16,760 ft.; in reserve, 1,850 ft.; f. al., elec., 146 bx.; val. equip., \$58,130; val. bldgs., \$54,000; exp. dept., \$100,915; tot. mem., 80, pd. full time.

Water Supply—Src., lake & wells, 1 1/4 m. bus. cent.; sys., grav. & pump to res.; res. cap., 5,000,000 gals.; 4 pump. eng., cap. day 30,000,000 gals.; mains, iron, 110 m., 8 to 30 in. dia.; 550 hyd.; 550 v.; 4,300 met.; 14,500 serv.; pipe, lead & iron; pres., dom. 80 lbs., f. 80 lbs.; cons. day, 12,000,000 gals.; wks. owned by city.

ALEXANDRIA, p. 414. F. dept.—1 h. & 1 trk., 1 hand eng., 1 hose cart, 280 ft. hose; vol.

ALLIANCE, p. 15,082; f. area, 2,400 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 1/2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. h. & l. trk., auto., 1 chief's auto., 1 trip. comb. c. h. & eng. auto., 7 hand ex., 1 comb. c. hose & ladder trk., 1 hose wag. in reserve, 3 hrs.; hose, rub. lined, gd., 3,100 ft.; f. al., elec., 71 bx.; val. equip., \$20,000; val. bldgs., \$21,000; exp. dept., \$15,000; tot. mem., 25, pd. full time 15, pd. part time 10; rating, fourth class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 225,000 gals., dim. 20 x 95, mat. stl.; 3 pump. eng., class comp., cap. day 11,000,000 gals.; mains, c. i., 30 m., 4 to 16 in. dia.; 300 hyd.; 240 v.; met., 185; 2,900 serv.; pipe, lead; pres., dom. 30 to 130 lbs., f. 30 to 130 lbs.; cons. day, 3,800,000 gals.; cost, \$250,000; cost mtce., \$21,000; wks. owned by city.

AMHERST, p. 2,200; f. area, 640 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 1 1/2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 str., 1 hand eng., 1 h. & 1 trk., 2 hose carts; hose, rub., gd., 2,500 ft.; f. al., bell; exp. dept., \$300; tot. mem., 80 vol., pd. for service; marshal & chief empowered to compel serv. at f.; undra. rating, fifth class.

Water Supply—Src., spr., 3 cisterns; sys., grav.; mains, c. i., 7 m., 4 to 10 in. dia.; 51 hyd.; 38 v.; 302 met.; 302 serv.; pres., dom. 70 lbs., f. 120 lbs.; cost, \$64,000; wks. owned by priv. Co.

ANDOVER, p. 902; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 str., 1 h. & 1 trk., 1 c. eng., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 80 vol.; rating, fifth class.

Water Supply—Src., wells & cisterns; res. cap., 270,000 gals.; pres., f. 50 to 80 lbs.

ANTWERP, p. 1,187; f. area, 165 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 3 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose cart; hose, cot., rub. lined, gd., 600 ft.; inf., 400 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$9,000; exp. dept., \$150; tot. mem., 40 vol.; rating, fifth class.

Water Supply—Src., 14 cisterns, cap. 56,000 bbls.

ARCADIA, p. 380. F. dept.—1 c. eng., hand ex., 100 ft. hose; 32 vol.

ARCANUM, p. 1,361; f. area, 250 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 1 str., 1 c. eng., 4 c. hand ex., trk., 2 hose carts; hose, cot., rub. lined, gd., 1,600 ft.; val. equip., \$10,000; exp. dept., \$200; tot. mem., 28, pd. full time 1, pd. part time 1, 26 vol.; rating, fifth class.

Water Supply—Src., 6 wells, 1/4 m. bus. cent.; sys., pump dir.; 2 pump. eng., class comp. dir., cap. day 750,000 gals. each; mains, iron, 4 m., 4 to 10 in. dia.; 43 hyd.; 28 v.; 351 serv.; pres., dom. 50 lbs., f. 50 to 100 lbs.; cons. day, 70,000 gals.; cost, \$40,000; wks. owned by city.

ARCHBOLD, p. 1,082; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 1 hose reel, 1 hose wag., 1 h. & 1 trk., 1 water tower; hose, 1,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$75; vol., 25 men; rating, fifth class.

Water Supply—Src., 2 wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; 2 pump. eng., cap. day 144,000 gals.; mains, c. i., 2 1/2 m., 4 to 6 in. dia.; 26 hyd.; 19 v.; pres., dom. 40 lbs., f. 60 lbs.; wks. owned by city.

ARLINGTON, p. 468. F. dept.—1 c. hand eng.; f. al., bell; part pd. men.

ASHLAND, p. 6,759; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 1 c. eng., 1 h. & 1 trk., 4 hose cart., 1 hose wag.; hose, rub., gd., 2,500 ft.; f. al., tel.; val. equip., \$4,000; val. bldgs., \$2,000; tot. mem., 50, pd. full time 2, vol. 48; undra. rating, fourth class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 176,200 gals., dim. 20 x 75, mat. stl.; res. cap., 221,650 gals., loc. at pump. station; 2 pump. eng., cap. day 8,000,000 gals.; mains, c. i., 22 m., 4 to 12 in. dia.; 167 hyd.; 1,525 met.; 1,862 serv.; pipe, galv. & wrt. i.; pres., 45 to 140 lbs.; cost, \$57,800; wks. owned by city.

ASHLEY, p. 706. F. dept.—1 str., 1 h. & 1 trk., 1 hand eng., 1 hose cart, 1,200 ft. hose; f. al., bell; 80 vol.

ASHTABULA, p. 20,000; f. area, 3,200 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk., 1 to 4 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—2 str., 1 hand eng., 2 auto. comb. c. eng. & hose carts, 1 h. & 1 trk., 4 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell & tel.; tot. mem., 48, pd. full time 12, pd. part time 36; rating, fourth class.

Water Supply—Src., Lake Erie; sys., pump to res. & stdp.; stdp. cap., 235,000 gals.; res. cap., 2,250,000 gals.; pump. eng., cap. day 11,000,000 gals.; mains, 42 m., 2 to 16 in. dia.; 285 hyd.; met., 3,210; pres., dom. 40 to 50 lbs., f. 60 to 85 lbs.; cost, \$788,130; cost mtce., \$28,500; wks. owned by Co.

ASHEVILLE, p. 972. F. dept.—12 c. hand ex., 1 h. & 1 trk.; hose, 450 ft.; f. al., bell; vol.; rating, fifth class.

Water Supply—Src., 9 cisterns; cap. 250 bbls. each.

ATHENS, p. 5,463; f. area, 2 m. sq.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 1/2 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 4 c. hand ex., 2 hose wag., 1 hose cart;

hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; exp. dept., \$60; tot. mem., 15, pd. part time; rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 90,000 gals.; pump. eng., cap. day 1,500,000 gals.; mains, iron, $9\frac{1}{2}$ m., 4 to 10 in. dia.; 63 hyd.; 853 serv.; pipe, galv. l.; pres., dom. 40 to 120 lbs.; f. 120 lbs.; cost, \$40,910.94; cost mtce., \$1,650; wks. owned by city.

ATTICA, p. 719. F. dept.—1 h. & l. trk., 2 c. hand ex., 750 ft. hose; automatic f. al., 40 vol.

BAINBRIDGE, p. 883; f. area, 100 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—12 c. ex., 1 h. & l. trk., 1 hose car., 1 hose wag.; hose, cot., gd., 900 ft.; f. al., wh. & telp.; tot. mem., 13 vol.; rating, fourth class.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. dim., 14 x 22 ft., elevated 90 ft., cap. 20,000 gal.; 1 pump, class comp. dup., cap. day 1,000,000 gals.; mains, c. l., 2 m., 4 to 8 in. dia.; 21 hyd.; 9 v.; dom. pres., 50 lbs.; f. pres., 90 to 120 lbs.

BALTIC, p. 377. F. dept.—1 comb. c. eng., 500 ft. hose; f. al., bell; 10 vol.

BALTIMORE, p. 551. F. dept.—1 hand eng., 1 h. & l. trk.; hose, 250 ft.; vol.; rating, fifth class.

Water Supply—Src., canal, riv., 5 cisterns; cap. cisterns, 20,000 gals. each.

BARBERTON, p. 9,410; f. area, 3,040 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 7 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 1,250 ft.; tot. hose, 3,250 ft.; f. al., wh. & bell; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$800; tot. mem., 20, pd. part time.

Water Supply—Src., wells, 2 m. bus. cent.; sys., grav., pump to res. & dir.; res. cap., 1,000,000 gals., loc. adjoining pump. station; 2 pump. eng., class trip. expansion, cap. day 6,000,000 gals.; mains, c. l., $11\frac{1}{4}$ m., 4 to 14 in. dia.; 94 hyd.; 40 v.; met., 6; 513 serv.; pipe, lead & galv. l.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 1,000,000 gals.; cost, \$115,000; cost mtce., \$9,000; wks. owned by city.

BARNESVILLE, p. 4,233; f. area, 640 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 3 c. hand ex., 4 hose wag.; hose, cot., rub. lined, gd., 2,100 ft.; f. al., telp. & wh.; val. equip., \$6,500; val. bldgs., \$8,000; exp. dept., \$1,200; tot. mem., 25, pd. full time 1, 24 vol.; rating, fifth class.

Water Supply—Src., res.; cap. res., 120,000,000 gals.; 2 m. bus. cent.; sys., pump dir.; 1 pump, class dup., cap. day 1,000,000 gals.; mains, c. l., 9 m.; 80 hyd.; 175 met.; serv. pipe, lead; pres., dom. 40 to 60 lbs., f. 80 to 90 lbs.; cost, \$90,000; wks. owned by village.

BATAVIA, p. 1,034; f. area, 100 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$50; tot. mem., 25 vol.; rating, fourth class.

Water Supply—Src., creek, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 100,000 gals., loc. on a hill; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. l., $3\frac{1}{4}$ m., 4 to 8 in. dia.; 37 hyd.; 35 v.; met., 1; 140 serv.; pipe, iron & lead; pres., dom. 90 lbs., f. 90 lbs.; cons. day, 40,000 gals.; cost, \$36,000; cost mtce., \$3,300; wks. owned by city.

BEACH CITY, p. 671. F. dept.—1 c. eng.; hose, cot., rub. lined, 800 ft.; vol.; rating, fifth class.

Water Supply—Src., 3 wells & cisterns.

BEAVER DAM, p. 455. F. dept.—1 h. & l. trk., 1 hose cart, 600 ft. hose; f. al., bell; vol.

BEDFORD, p. 1,783; f. area, 10 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. perm.; no fwks. or combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag.; hose, cot., rub. lined, 300 ft.; val. equip., \$800; exp. dept., \$50; vol.

Water Supply—Src., cisterns.

BELLAIRE, p. 12,946; f. area, 2,500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 2 c. eng., 10 c. hand ex., 1 comb. c. & h. wag., 6 hose car., 1 chief's buggy, 8 hrs.; hose, rub. lined, gd., 5,000 ft.; f. al., bell & wh., 25 bx.; val. equip., \$15,000; val. bldgs., \$17,000; exp. dept., \$6,000; tot. mem., 76, pd. full time 1, pd. part time 74.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 2,000,000 gals., loc. at edge city; 3 pump. eng., class dup., cap. day 5,000,000 gals.; mains, c. l. & wd., 15 m., 3 to 20 in. dia.; 139 hyd.; 64 v.; met., 3; 2,300 serv.; pipe, lead; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 2,000,000 gals.; cost, \$200,000; cost mtce., \$18,000; wks. owned by city.

BELLE CENTER, p. 889; f. area, 100 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 auto. str., 1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 200 ft.; tot. hose, 1,000 ft.; f. al., bell & wh.; tot. mem., 25 vol.; rating, fifth class.

Water Supply—Eight public cisterns, cap. 7,000 gals. each, and 3 wells.

BELLEFONTAINE, p. 8,238; f. area, 2,500 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 6 c. hand ex., 3 hose wag., 7 hrs.; hose, cot., rub. lined, gd., 2,800 ft.; f. al., elec., 13 bx.; val. equip., \$5,000; val. bldgs., \$8,100; tot. mem., 15, pd. full time 7, vol. 8.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res.; res. cap., 2,000,000 gals.; pump. eng., cap. day 1,500,000 gals.; mains, 16 $\frac{1}{4}$ m., 4 to 16 in. dia.; 154 hyd.; 98 v.; met., 30; 1,053 serv.; pres., f. 65 to 80 lbs.; cost, \$160,000; cost mtce., \$5,000; wks. owned by town.

BELLEVILLE, p. 1,056; f. area, 120 a.; merc. bldgs., wd. F. dept.—1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; exp. dept., \$80; tot. mem., 32, vol.; rating, fifth class.

Water Supply—Src., 9 cisterns, cap. 250 bbls. each.

BELLEVUE, p. 5,209; f. area, 1,500 a.; merc. bldgs., bk., stn. & wd., 2 & 3 stor.; priv., bk. & wd., 2 $\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 400 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$7,000; exp. dept., \$800; tot. mem., 16 vol.; rating, fourth class.

Water Supply—Src., brook & well, 3 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 225,000 gals., dim. 20 x 100, mat. sil.; res. cap., 150,000,000 gals., loc. $\frac{1}{4}$ m. city; pump. eng., cap. day 2,500,000 gals.; mains, c. l., 14 m., 4 to 12 in. dia.; 106 hyd.; 50 v.; met., 8; 650 serv.; pipe, galv. l.; pres., dom. 40 lbs., f. 90 lbs.; cons. day, 640,000 gals.; cost, \$185,000; cost mtce., \$4,200; wks. owned by city.

BELLMORE, p. 298. F. dept.—1 hand eng., 1 hose reel, 2 c. hand ex., 500 ft. hose; f. al., bell; vol.

BELMONT, p. 572. F. dept.—1 hand eng., 100 ft. hose; f. al., bell; vol.

BELPRE, p. 1,249. F. dept.—1 hand ex., 150 ft. hose; 6 vol.

BEREA, Cuyahoga Co., p. 2,609; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn. & bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,350 ft.; f. al., wh.; val. equip., \$2,000; exp. dept., \$175; tot. mem., 21 vol.

Water Supply—Src., quarry & riv., in bus. cent.; sys., pump dir.; 2 pump. eng.; cap. day, 100,000 gals.; mains, iron, 8 m.; 93 hyd.; met., 30; 493 serv.; pres., dom. 60 lbs., f. 150 lbs.; cons. day, 87,000 gals.; cost, \$49,000; cost mtce., \$4,100; wks. owned by village.

BERLIN HEIGHTS, p. 554. F. dept.—1 hand eng., 1 hand ex., 1 c. eng., 1 hose wag.; hose, cot., rub. lined, gd., 900 ft.; c. 100 ft.; tot. hose, 1,000 ft.; f. al., bell; vol.; rating, fifth class.

Water Supply—Src., cisterns & wells.

BETHEL, Clermont Co., p. 1,201; merc. bldgs., bk., 1 to 3 stor.; priv. bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., hrs., hand ex.; f. al., bell; val. equip., \$500; val. bldgs., \$500; tot. mem., 50 vol.

BLANCHESTER, p. 1,813; f. area, 200 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 3 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,400; val. bldgs., \$3,000; exp. dept., \$225; tot. mem., 15, pd. part time; rating, fourth class.

Water Supply—Src., res., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 50,000 gals.; res. cap., 7,000,000 gals.; 2 pump. eng., cap. day 1,600,000 gals.; mains, $4\frac{1}{2}$ m., 4 to 8 in. dia.; 35 hyd.; 32 met.; pres., dom. 45 lbs., f. 125 lbs.; cons. day, 60,000 gals.; wks. owned by city.

BLOOMDALE, p. 602. F. dept.—1 hand eng., 1 hose reel, 750 ft. hose; f. al., bell & wh.; vol.

BLOOMVILLE, p. 754. F. dept.—1 comb. c. & pump. eng., 1 hose wag., 1 hose reel, 800 ft. hose; f. al., elec. wh.; 15 vol.

BLUFFTON, p. 1,953; f. area, 500 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$20,000; exp. dept., \$175; tot. mem., 13, pd. full time 1, pd. part time 12; rating, fourth class.

Water Supply—Src., wells; sys., grav. & pump dir.; pump. eng., cap. day 1,000,000 gals.; mains, 6 m., 3 to 8 in. dia.; 47 hyd.; 250 serv.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$20,000; cost mtce., \$1,200; wks. owned by village.

BOLIVAR, p. 567; f. area, 300 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 hand eng., 4 h. ex., 1 hose wag.; hose, cot., rub. lined, gd., 400 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., canal, riv. & cisterns.

BOTKINS, p. 579. F. dept.—1 hand eng., 1 gasoline eng., 1 hose reel, 2,000 ft. hose; bell al.; tot. mem., 32, pd. full time 2, 30 vol.

BOWLING GREEN, p. 5,222; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 3 c. hand ex., 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 700 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; exp. dept., \$175; tot. mem., 8, pd. full time 1, 7 vol.; rating, fourth class.

Water Supply—Src., wells & cisterns; sys., grav. & pump to stdp. and dir.; stdp. cap., 65,000 gals.; res. cap., 1,000,000 gals.; pump. eng., cap. day 1,500,000 gals.; mains, $8\frac{1}{2}$ m., 4 to 12 in. dia.; 97 hyd.; 90 v.; met., 1; 500 serv.; pres., f. 95 to 110 lbs.; cost, \$70,000; cost mtce., \$4,000; wks. owned by city.

BRADFORD, p. 2,000; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—2 c. eng., 1 h. & 1 trk., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 12 vol.; rating, fifth class.

Water Supply—Src., 2 wells & 55,000-gal. cistern, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir. pres.; stdp. cap., 105,000 gals.; res. cap., 67,000 gals.; 1 pump. eng.; cap. day, 74,444 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 50 hyd.; 17 v.; 183 met.; 184 serv.; pipe, c. l.; pres., dom. 50 lbs., f. 120 lbs.; cons. day, 15,000 gals.; cost, \$31,000; cost mtce., \$1,200; wks. owned by city.

BRADREN, p. 890; merc. bldgs., bk. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh. & bell; tot. mem., 35 vol.; rating, fifth class.

Water Supply—Src., wells; sys., pump dir.; 3 pumps, class dup., cap. 800,000 gals. day; mains, 4 m.; 24 hyd.; dom. pres., 40 to 50 lbs., f. 80 to 90 lbs.

BRIDGEPORT, p. 3,974; f. area, 2 m.; merc. bldgs., bk. & wd., 1 to 4 stor., priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. &

combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,850 ft.; inf., 800 ft.; tot. hose, 1,650 ft.; f. al., wh.; val. equip., \$1,500; tot. mem., 50 vol.; rating, fourth class.

Water Supply—Sys., grav.; pres., 110 lbs.; 48 hyd.; mains, 5 m.

BRILLIANT, p. 646. F. dept.—1 h. & 1 trk., 15 hand ex.

BROOKVILLE, p. 1,187; f. area, 100 a. F. dept.—1 h. & 1 trk., 8 hose reels; hose, 1,500 ft.; val. equip., \$2,000; exp. dept., \$150; 10 vol.

Water Supply—Src., wells, situated $\frac{1}{4}$ m. bus. cent.; sys., air pres.; stdp. cap., 27,072 gals.; 2 pump. eng., class gasoline, cap. day 450,000 gals. each; mains, c. l., 3 1-7 m., 4 to 10 in. dia.; 42 hyd.; 40 v.; met., 206; serv., 206; pipe, wrt. l. galv.; pres., dom. 65 lbs., f. 110 lbs.; cons. day, 35,000 gals.; cost, \$25,000; cost mtce., \$1,100; wks. owned by city.

BRYAN, p. 3,641; f. area, 680 a.; merc. bldgs., stn. & bk., 2 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 6 c. hand ex., 1 chief's auto., 1 supply wag., 1 aer. trk., 2 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 2,710 ft.; c. hose, 150 ft.; inf., 350 ft.; tot. hose, 3,210 ft.; f. al., telp.; val. equip., \$17,800; val. bldgs., \$15,500; exp. dept., \$2,500; tot. mem., 16, pd. full time 3, pd. part time 13; rating, fourth class.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, c. l., 7 1-3 m., 4 to 12 in. dia.; 98 hyd.; 88 v.; met., 450; 650 serv.; pipe, lead & iron; pres., dom. 45 lbs., f. 90 lbs.; cons. day, 300,000 gals.; cost mtce., \$2,000; wks. owned by city.

BUCYRUS, p. 8,122; f. area, 2,240 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & 1 trk., 1 auto. comb. trk., 1 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 16 bx.; val. equip., \$18,000; val. bldgs., \$15,000; exp. dept., \$5,600; tot. mem., 19, pd. full time 4, vol. 15; rating, fourth class.

Water Supply—Src., watershed, 3 m. bus. cent.; sys., grav. & pump dir.; res. cap., 175,000,000 gals., loc. 3 m. bus. cent.; 2 pump. eng., class dup., cap. day 3,000,000 gals.; mains, wd. & iron, 21 m., 4 to 14 in. dia.; 200 hyd.; 68 v.; met., 507; 1,200 serv.; pipe, lead; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 874,000 gals.; cost, \$250,000; cost mtce., \$7,000; wks. owned by Co.

BURTON, p. 650. F. dept.—1 hand eng., 1 h. & 1 trk.; hose, 450 ft.; f. al., bell & wh.; vol.; rating, fifth class.

Water Supply—Src., cisterns.

BUTLER, p. 730; merc. bldgs., bk. & wd.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 comb. c. & hand eng., 1 c. hand ex., 1 hose cart; hose, cot., rub. lined, inf., 1,000 ft.; f. al., bell; val. equip., \$800; tot. mem., 30 vol.; rating, fifth class.

Water Supply—Src., spr., in bus. cent.; sys., dir. pres., 2 res., cap. 7,000 gals.; mains, 1 m., 1 to 3 in. dia.; 2 hyd.; met.; cons. day, 2,000 gals.; cost, \$500; wks. owned by priv. Co.

BYESVILLE, p. 3,156; f. area, 200 a. F. dept.—1 str., 1 h. & 1 trk., 1 hose wag., 1 hand eng.; f. al., bell; val. equip., \$4,000; val. bldgs., \$3,000; exp. dept., \$200; tot. mem., 40 vol.

No waterwks.

CADIZ, p. 1,971; f. area, 500 a.; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$8,000; exp. dept., \$700; tot. mem., 25 vol.; rating, fourth class.

Water Supply—Src., wells, 1,560 ft. bus. cent.; sys., grav., pump to res. & dir.; res. cap., 300,000 gals., loc. near pump. station; 2 pump. eng., cap. day 750,000 gals.; mains, c. l., $6\frac{1}{2}$ m., 4 to 12 in. dia.; 75 hyd.; 44 v.; met., 318; 494 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$40,000; cost mtce., \$4,371; wks. owned by city.

CALDWELL, p. 1,480; f. area, 125 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 8 hose cart.; hose, cot., rub. lined, gd., 900 ft.; inf., 400 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$1,200; tot. mem., 25 vol.; rating, fourth class.

Water Supply—Src., well & creek, $\frac{1}{2}$ m. bus. cent.; sys., grav. & pump dir.; res. cap., 200,000 gals., loc. on hill; pump. eng., cap. day 500,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 44 hyd.; 150 serv.; pres., dom. 120 lbs., f. 150 lbs.; cost, \$17,000; cost mtce., \$1,000 to \$1,200; wks. owned by city.

CALEDONIA, p. 562; f. area, 15 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 1 hose cart.; hose, cot., rub. lined, inf., 1,000 ft.; f. al., bell; exp. dept., \$820; tot. mem., 80, pd. full time 1, vol. 29; rating, fourth class.

Water Supply—Src., riv. & 9 cisterns, cap. 150 bbls. each.

CAMBRIDGE, p. 11,827; f. area, 900 a.; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 1 c. eng., 6 c. hand ex., 2 h. & l. trk., 5 hose cart.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell; val. equip., \$12,000; exp. dept., \$1,000; tot. mem., 75 vol.; rating, fourth class.

Water Supply—Src., wells & creek, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 220,820 gals.; res. cap., 1,100,000 gals.; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. l., $9\frac{1}{2}$ m., 4 to 14 in. dia.; 118 hyd.; met., 265; 1,200 serv.; pipe, lead & galv. i.; pres., dom. 80 to 85 lbs., f. 80 to 140 lbs.; cost, \$93,000; cost mtce., \$2,500.

CAMDEN, p. 899; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 7 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,700 ft.; f. al., bell; tot. mem., 20, pd. part time; rating, fifth class.

Water Supply—Cistern.

CANAL DOVER, p. 6,621; f. area, 1,200 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 c. hand ex., 1 h. & l. trk., 2 hose cart., 6 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$18,000; exp. dept., \$1,500; tot. mem., 21, pd. full time 1, pd. part time 20; undrs. rating, fourth class.

Water Supply—Src., 19 wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 150,000 gals., dim. 16 x 100, mat. stl.; 2 pump. eng., class comp., cap. day 2,750,000 gals.; mains, c. & wrt. i., 15 1-5 m., 2 to 12 in. dia.; 138 hyd.; 120 v.; met., 12; 1,400 serv.; pipe, iron; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 600,000 gals.; cost, \$66,000; cost mtce., \$5,000; wks. owned by city.

CANAL FULTON, p. 978; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 5 c. hand ex., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; exp. dept., \$500; tot. mem., 16, pd. full time; rating, four & one-half class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav., pump to res.; res. cap., 200,000 gals.; 1 pump. eng.; cap. day, 90,000 gals.; mains, wrt. i., 5 m., 2 to 12 in. dia.; 16 hyd.; met., 70; 70 serv.; pipe, galv. & wrt. i.; pres., dom. 50 to 76 lbs., f. 85 lbs.; cost, \$25,000; wks. owned by Co.

CANAL WINCHESTER, p. 740; f. area, 320 a. F. dept.—1 hand eng., 2 hose reels, 1 h. & l. trk., 4 c. hand ex.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$800; vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 1 pump. eng., cap. hour 5,800 gals.; mains, 1,000 ft.; 4 hyd.; pres., dom. 80 lbs., f. 100 lbs.; cost, \$2,500 cost mtce., \$200; wks. owned by city.

CANTON, p. 50,217; f. area, 2,240 a.; merc. bldgs., stn., bk. & wd., 2 to 7 stor.; priv., stn.,

bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—3 str., 2 c. eng., 10 c. hand ex., 2 comb. c. & h. wag., 1 aer. trk., 6 hose carts, 17 hrs.; hose, rub. gd., 8,000 ft.; inf., 6,000 ft.; tot. hose, 14,000 ft.; f. al., bell, 66 bx.; val. equip. & bldgs., \$300,000; exp. dept., \$70,000; tot. mem., 58, pd. full time; rating, second class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 5 pump. eng., cap. day \$5,000,000 gals.; mains, c. l., 76 m., 4 to 20 in. dia.; 490 hyd.; met., 442; 7,925 serv.; pipe, galv. & wrt. i.; pres., dom. 100 lbs., f. 140 lbs.; cons. day, 5,558,000 gals.; cost mtce., \$35,000; wks. owned by city.

CARDINGTON, p. 1,349; f. area, 175 a.; merc. bldgs., wd., bk. & cem., 2 & 3 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 str., 1 h. & l. trk., 2 c. eng., c. hand ex., 2 hose wag.; hose, rub., gd., 1,800 ft.; inf., 1,000 ft.; tot. hose, 2,800 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 28 vol.; rating, fifth class.

Water Supply—Src., wells & cisterns.

CAREY, p. 2,225; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 2,750 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$3,500; exp. dept., \$400; tot. mem., 46 vol.; rating, fourth class.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 175,000 gals., dim. 16 x 115, loc. in city park, mat. stl.; 2 pump. eng., class comp., cap. day 1,000,000 gals.; mains, c. l., 6 5-7 m., 4 to 12 in. dia.; 55 hyd.; 10 v.; met., 15; 300 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 300,000 gals.; cost, \$28,000; cost mtce., \$6,000; wks. owned by city.

CARROLLTON, Carroll Co., p. 1,730; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 5 hose reels; hose, cot., rub. lined, gd., 1,700 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$1,000; tot. mem., 32, pd. part time 10, vol. 32; rating, fourth class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 105,000 gals., dim. 70 x 16; 3 pump. eng., class comp. dup., cap. day 1,800,000 gals.; mains, c. l., $4\frac{1}{2}$ m., 4 to 12 in. dia.; 45 hyd.; 850 serv.; pres., dom. 56 lbs., f. 125 lbs.; cost, \$60,000; wks. owned by city.

CARTHAGE, Hamilton Co., p. 3,618; annexed to Cincinnati.

CEDARVILLE, Greene Co., p. 1,059; bldgs., bk., 2 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,200 ft.; rub. gd., 500 ft.; tot. hose, 1,700 ft.; f. al., bell; exp. dept., \$500; tot. mem., 35 vol.; rating, fifth class.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump dir.; res. cap., 4,000,000 gals.; 2 pump. eng., cap. day 100,000 gals.; mains, iron, 9 m., 4 to 10 in. dia.; 80 hyd.; 10 v.; pres., f. 150 lbs.; cons. day, 150,000 gals.; cost, \$35,000; wks. owned by Co.

CELINA, p. 3,493; f. area, 900 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 1 hose wag., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 200 ft.; tot. hose, 2,200 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$4,000; exp. dept., \$2,500; tot. mem., 9, pd. full time 4, vol. 5.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 190,000 gals., dim. 16 x 125, loc. 60 ft. station, mat. stl.; res. cap., 50,000 gals., loc. 10 ft. station; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. l., 9 m., 4 to 12 in. dia.; 127 hyd.; 80 v.; met., 400; 560 serv.; pipe, lead; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 200,000 gals.; cost, \$55,000; cost mtce., \$2,000; wks. owned by city.

CENTERBURG, p. 723. F. dept.—1 c. eng., 2 c. hand ex., 2 hose wag., 2 hose reels; hose,

cot. rub. lined, gd., 1,100 ft.; f. al. bell; val. equip., \$990; tot. mem., 18, pd. part time; rating, fifth class.

Water Supply—Cisterna. Waterwks. plant in course of construction.

CHAGRIN FALLS, p. 1,981; bldgs., stn., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. & h. & l. trk., 1 hose wag., 1 hose reel; hose, rub., gd., 1,400 ft.; inf., 600 ft.; tot. hose, 2,000 ft.; 27 men, pd. part time.

Water Supply—Src., spr.; sys., pump to res.; res. cap., 216,000 gals.; pump. eng., cap. day 750,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 60 hyd.; 600 met.; pres., dom. 66 lbs., f. 118 lbs.; cost, \$38,000; cost mtce., \$2,000.

CHARDON, p. 1,542; f. area, 640 a.; merc. bldgs., bk. & stn., 1 to 4 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hand eng., 20 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al. bell; tot. mem., 30 vol.; rating, fifth class.

Water Supply—Src., wells & cisterna.

CHICAGO JUNCTION, p. 2,950; f. area, 500 a.; bldgs., wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; inf., 400 ft.; tot. hose, 2,300 ft.; f. al. bell; val. equip., \$3,000; val. bldgs., \$500; exp. dept., \$250; tot. mem., 48, pd. full time 1, vol. 47; rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 85,000 gals., dim. 22 x 24, loc. 2 blocks bus. cent., mat. stil.; res. cap., 170,000 gals., loc. near station; 2 pump. eng., cap. day 1,750,000 gals.; mains, c. i., 6 m., 4 to 12 in. dia.; 70 hyd.; 40 v.; met., 10; 390 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 170,000 gals.; cost, \$55,000; cost mtce., \$6,500; wks. owned by city.

CHILLICOTHE, p. 14,508; f. area, 1,900 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 3,750 ft.; inf., 1,000 ft.; tot. hose, 4,750 ft.; f. al. bell, 35 bx.; val. equip., \$6,000; val. bldgs., \$10,000; exp. dept., \$12,000; tot. mem., 11, pd. full time; rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 5,500,000 gals., loc. $\frac{1}{4}$ m. bus. cent.; 2 pump. eng.; class, comp., dup. & condensing; cap. day, 4,500,000 gals.; mains, iron, 26 m., 4 to 16 in. dia.; 175 hyd.; 200 met.; 3,000 serv.; pres., dom. 95 lbs., f. 95 lbs.; cons. day, 1,250,000 gals.; cost, \$300,000; wks. owned by private Co.

CINCINNATI, p. 363,591; f. area, 66.04 sq. m.; merc. bldgs., bk., stn. & iron, 1 to 36 stor.; priv., bk., stn. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. pump. eng., 10 auto. comb. c. & h. wag., 1 auto. fuel wag., 9 chief's auto., 36 str., 1 c. eng., 56 c. hand ex., 16 h. & l. trk., 4 aer. trk., 2 water towers, 50 hose wag., 3 fuel wag., 220 hrs.; hose, cot., rub. lined, gd., 90,000 ft.; f. al. Gamewell, 683 bx.; val. equip., \$1,900,000; val. bldgs., \$659,000; exp. dept., \$854,105; tot. mem., 55, pd. full time; rating, first class.

Water Supply—Src., riv., 6 m. bus. cent.; riv. station, 4 pumps, tot. 120,000,000 gals. cap.; settling, coagulating & clear res., 880,000,000 gals. cap., grav. tunnel to main pump. station; 8 low-serv. pumps, tot. 75,000,000 gals. cap.; 4 high-serv. pumps, tot. 53,000,000 gals. cap.; Western Hills station, pumps, 7,000,000 gals. cap.; Eden Park res., 00,000,000 gals. cap., supplying low serv.; 2 Mt. Auburn tk., 750,000 gal., balancing high serv.; 4 tk., ap. 1,333,000 gals., Western Hills; mains, c. i., 60 m., 4 to 60 in. dia.; 52,000 serv.; 23,000 met.; serv. pipes, lead & c. i.; pres., 10 to 200 lbs.; cons. day, 48,059,000 gals.; cost, \$18,694,040; cost mtce., \$1,542,388; wks. owned by city.

CIRCLEVILLE, p. 6,744; f. area, 1,500 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., c. & wd., $\frac{1}{4}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. pump. eng. & hose wag., 2 str., 2 hand ex., 1 comb. h. & l. hose trk., 4 hrs.; hose, rub. lined, gd., 2,750 ft.; f. al., Gamewell, ec., 24 bx.; val. equip., \$10,000; val. bldgs.,

\$7,500; exp. dept., \$3,900; tot. mem., 5, pd. full time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 426,000 gals., dim. 22 x 150; pump. eng., cap. day, 4,000,000 gals.; mains, iron, 17 m., 6 to 16 in. dia.; 154 hyd.; 400 met.; 1,220 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 140 lbs.; cost, \$176,000; cost mtce., \$11,000; wks. owned by Co.

CLARINGTON, p. 784. F. dept.—1 h. eng., 1 h. & l. trk., 100 ft. hose; rating, fifth class.

Water Supply—Src., wells & riv.

CLARKSVILLE, p. 475; f. area, 200 a. F. dept.—1 auto. str., 1,600 ft. hose; val. equip., \$2,500.

Water Supply—Src., creeks.

CLEVELAND, p. 560,668; f. area, 48 sq. m.; merc. bldgs., bk. & stn., 1 to 17 stor.; priv., bk. & cem., 1 to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—32 str., 2 c. eng., 40 c. hand ex., 7 h. & l. trk., 9 aer. h. & l. trk., 3 comb. c. & h. wag., 37 hose wag., 1 water tower, 4 chief's auto., 11 fuel wag., 4 supply wag., 31 exercise wag., 2 f. boats, 218 hrs.; hose, 60,000 ft.; f. al., Star, 519 bx.; exp. dept., \$620,000; cost mtce., \$811,809; tot. mem., 575, pd. full time.

Water Supply—Src., lake; sys., pump to res. & dir.; res. cap., 114,000,000 gals.; 11 pump. eng., cap. day, 179,000,000 gals.; mains, c. i., 788 m., 8 to 48 in. dia.; 9,815 hyd.; 17,459 v.; 81,281 met.; 101,688 serv.; pipe, lead & galv. i.; pres., dom. 20 lbs., f. 130 lbs.; cons. day, 65,690,949 gals.; cost, \$16,742,000; cost operation, \$234,834; cost mtce., \$114,822; wks. owned by city. There are also 44 f. cisterna distributed throughout the city, capacity 1,000 to 10,000 gals.

CLEVELAND, p. 1,428; f. area, 600 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & h. wag., 1 h. & l. trk.; hose, cot., rub. lined, gd., 300 ft.; inf., 300 ft.; tot. hose, 600 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$1,600; exp. dept., \$100; tot. mem., 50 vol.

Water Supply—Src., wells & cisterna.

CLYDE, p. 2,815; f. area, 960 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 c. eng., 1 h. & l. trk., 3 hose wag., 1 c. eng.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., tel.; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$600; tot. mem., 40 vol.; rating, fourth class.

Water Supply—Src., wells; sys., pump dir.; pump. eng., cap. day, 2,000,000 gals.; mains, 8 m.; 49 hyd.; 26 v.; met., 825; pres., dom. 25 to 40 lbs., f. 100 lbs.; cost, \$38,000; cost mtce., \$1,750; wks. owned by city.

COLDWATER, p. 869. F. dept.—1 gasoline eng., 1 hose reel, 500 ft. hose; bell & tel. al.; tot. mem., 26, pd. full time 2, vol. 24.

COLLEGE CORNER, p. 379. F. dept.—1 str., 1 h. & l. trk., 8 c. hand ex., 200 ft. hose; f. al., bell; 1 pd. man.

COLLEGE HILL, p. 1,979. F. dept. not reported.

Water Supply—Src., Ohio Riv., situated 8 m. bus. cent.; sys., pumps to stdp.; stdp. cap., 10,000 gals.; mat., iron; res. cap., 10,000 gals.; 1 pump. eng., cap. min. 300 gals.; mains, iron, 8.6 m., 4 to 8 in. dia.; hyd., 54; v., 90; met., 172; pres., dom. 55 to 88 lbs.; cons. day, 30,000 gals.; cost, \$50,358; cost mtce., \$2,800; wks. owned by village.

COLLINWOOD, p. 3,639; annexed to Cleveland.

COLUMBIANA, p. 1,582; f. area, 400 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose car.; 1 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 400 ft.; tot. hose, 1,900 ft.; f. al., bell & wh.; tot. mem., 30 vol.; rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day, 1,500,000 gals.; mains, c. i., 7 m., 4 to 12 in. dia.; 48 hyd.; 25 v.; met., 245; 250 serv.; pres., dom. 80 lbs., f. 100 lbs.; cons. day, 250,000 gals.; cost, \$30,000; cost mtce., \$2,000; wks. owned by city.

COLUMBUS, p. 181,511; f. area, 69,000 a.; merc. bldgs., stn., bk. & wd., 1 to 16 stor.; priv., stn., bk. & wd., 3 to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—16 str. (2 in reserve), 5 auto. comb. c. eng., 1 water tower, 44 c. hand ex., 11 comb. c. & h. wag., 6 auto. tractors, 1 auto. pump. eng., 1 water tower, 44 c. hand ex., 11 comb. c. & h. wag., 4 aer. h. & l. trk., 5 comb. h. & l. c. eng., 4 hose wag., 115 hra.; hose, cot., rub. lined, gd., 35,600 ft. (3,000 ft. in reserve); tot. hose, 38,600 ft.; f. al., elec., 236 bx.; val. equip., \$347,734; val. bldgs., \$270,381; exp. dept., \$230,000; tot. mem., 275, pd. full time; rating, second class.

Water Supply—Src., surface water, riv., 4 m. bus. cent.; storage dam cap., 1,627,000,000 gals.; sys., pump dir., 9 pump. eng. cap. day 139,000,000 gals.; mains, c. l., 302.52 m., 4 to 24 in. dia.; 2,101 hyd.; 3,048 v.; 26,769 met.; 21,870 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 15 to 85 lbs.; cons. day, 16,036,000 gals.; cost, \$2,731,500; cost mtce., \$260,000; wks. owned by city.

COLUMBUS GROVE, p. 1,802; f. area, 800 a.; bldgs., bk., stn. & wd., 1, 2 & 3 stor.; wd. rfs. perm. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 1 hose car, 1 hose wag.; hose, rub., gd., 500 ft.; cot., gd., 1,200 ft.; inf., 500 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$2,700; val. bldgs., \$12,500; tot. mem., 30 vol.; rating, fourth class.

Water Supply—Src., driven wells; sys., pump to stdp. & dir.; stp. cap., 60,000 gals., mat. iron; 2 pump. eng. cap. day 500,000 gals.; mains, 6 m., 4 to 10 in. dia.; 36 hyd.; 20 v.; met., 70; 70 serv.; pipe, lead; pres., dom. 60 lbs., f. 100 lbs.; cost, \$30,000; cost mtce., \$100; wks. owned by city.

CONNEAUT, p. 8,819; f. area, 2 m. sq.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 auto. comb. c. & h. wag., 1 aer. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, 4,000 ft.; f. al., Gamewell, 41 bx.; val. equip., \$20,000; val. bldgs., \$25,000; exp. dept., \$6,000; tot. mem., 11, pd. full time 5, pd. part time 6; undra. rating, fourth class.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap. 300,000 gals., dim. 16 x 120; 2 pump. eng. cap. day 4,500,000 gals.; mains, c. l., 20 m.; 197 hyd.; 162 v.; met., 990; 2,000 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 300 lbs.; cons. day, 1,200,000 gals.; cost, \$256,000; cost mtce., \$12,500; wks. owned by Co.

CONTINENTAL, p. 1,074; f. area, 160 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. bldgs., \$500; tot. mem., 17 vol.; rating, fourth class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp., dim. 10 x 100, mat. iron; 1 pump. eng. cap. day 201,600 gals.; mains, 2½ m., 4 to 6 in. dia.; 67 hyd.; met., 48; 94 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$9,000; wks. owned by city.

CONVOY, p. 741. F. dept.—1 h. & l. trk., 1 hand eng., 1 gas. eng., 1 c. hand ex., 2 hose reels, 1,600 ft. hose; f. al., bell; val. equip., \$2,000; vol.

CORNING, p. 1,560; f. area, 300 a.; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$1,000; rating, fourth class.

Water Supply—Src., res.; sys., pump dir.; res. cap., 2,600 bbls.; pump. eng. cap. day 129,600 gals.; mains, c. l., 2½ m., 4 in. dia.; 23 hyd.; 9 serv.; pres., dom. 110 lbs., f. 110 lbs.; cost, \$25,000; cost mtce., \$800; wks. owned by village.

CORTLAND, p. 612. F. dept.—1 h. & l. trk., 1 hand eng., 1 hose cart, 1,000 ft. hose; f. al., bell; 42 vol.

COSHOCKTON, p. 9,603; f. area, 1,350 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 comb. wag., 1 h. & l. trk., 4 hose carts, 3 hrs.; hose, cot., rub. lined, gd., 2,600 ft.; rub., gd., 1,000 ft.; inf., 400 ft.; tot. hose, 4,000 ft.; f. al., Gamewell, 31 bx.; val. equip., \$27,000; val. bldgs., \$20,250; tot. mem., 45 vol., 4 reg.; rating, fourth class.

Water Supply—Src., well, 6 sq. bus. cent.; sys., pump to res. & dir.; stdp. cap., \$25,000 gals., loc. 1¼ m. station; 3 pump. eng., class comp. dup., cap. day 5,000,000 gals.; mains, c. l., 16 m., 4 to 12 in. dia.; 159 hyd.; 70 v.; met., 18; 1,800 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 13½ lbs.; cons. day, 1,000,000 gals.; cost, \$185,000; cost mtce., \$6,000; wks. owned by city.

COVINGTON, p. 1,848; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 4 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; inf., 500 ft.; tot. hose, 2,300 ft.; f. al., telp.; val. equip., \$7,500; val. bldgs., \$5,000; tot. mem., 38 vol.; undra. rating, fifth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals., mat. galv. stl.; 2 pump. eng.; cap. day, 750,000 gals.; mains, c. l., 5½ m., 4 to 10 in. dia.; 60 hyd.; 37 v.; met., 364; 364 serv.; pipe, galv. i. & lead; pres., dom. & f. 63 to 72 lbs.; cons. day, 40,000 gals.; cost, \$35,000; cost mtce., \$1,559; wks. owned by city.

CRESTLINE, p. 3,807; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 5 c. hand ex., 1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$600; tot. mem., 70, pd. part time 30, vol. 40; undra. rating, fourth class.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; 1 pump. eng. cap. day 750,000 gals.; mains, wd., 4 m., 8 in. dia.; 44 hyd.; 116 v.; met., 68; 445 serv.; pipe, galv. i. & lead; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 200,000 gals.; cost, \$225,000; cost mtce., \$3,500; wks. owned by city.

CRESTON, p. 970. F. dept.—1 hand c. eng., 400 ft. hose; f. al., bell; 30 vol.; rating, fifth class.

Water Supply—Cisterns.

CRIDERSVILLE, p. 526. F. dept.—1 hand eng., 2 hose reels, 1,000 ft. hose; f. al., bell.

CUMBERLAND, p. 609. F. dept.—1 hand eng., 1 hand reel, 350 ft. hose; f. al., bell.

CUSTAR, p. 345. F. dept.—1 hand eng., 1 hand hose reel, 4 c. hand ex., 400 ft. hose; f. al., bell.

CUYAHOGA FALLS, p. 4,020; f. area, 640 a.; bldgs., bk., 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—14 c. hand ex., 1 comb. c. & h. wag., 1 h. & l. trk., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,100 ft.; rub., gd., 500 ft.; inf., 250 ft.; tot. hose, 2,850 ft.; f. al., wh. & bell; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$1,100; tot. mem., 27, pd. part time; undra. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 110,000 gals., mat. stl.; pump. eng. cap. day 750,000 gals.; mains, c. l., 8 m., 4 to 12 in. dia.; 68 hyd.; 100 v.; met., 40; 300 serv.; pipe, galv. i. & lead; pres., dom. 60 lbs., f. 90 lbs.; cost, \$30,000; cost mtce., \$2,500; wks. owned by city.

DALTON, p. 599; f. area, 20 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. on small buildings; no fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 2 hose reels, 1 hand eng.; hose, cot., rub. lined, 3,600 ft.; f. al., bell; val. equip., \$300; tot. mem., 40; undra. rating, fourth class.

Water Supply—Src., well, ¼ m. bus. cent.; sys., grav., pump dir.; res. cap., 150,000 gals., loc. 70 ft. above bus. part of town; mains, f. m. 4 to 8 in. dia.; 22 hyd.; met., 15; 85 serv.; pres. dom. 80 to 80 lbs.; cost, \$7,000; cost mtce., \$125; wks. owned by city.

DAYTON, p. 116,577; merc. bldgs., conc. stl. bk. & wd., 3 to 14 stor.; priv., conc. bk. & wd., 5 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 auto. comb. c. eng. & hose wag., 9 str., 1 c. eng., 23 c. hand ex., 3 h. & l. trks., 2 aer. trks., 13 comb. c. & h. wag., 1 water tower, 1 fuel wag., 2 hose wag., 4 chief's wag., 58 hrs.; hose, cot., rub. lined, gd., 28,200 ft.; f. al., Gamewell, 276 bx.; val. equip. & bldgs., \$475,000; exp. dept., \$175,000; tot.

mem., 142, pd. full time; undrs. rating, second class.

Water Supply—Src., wells, $1\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 7 pump. eng., class dup., cap. day 40,880,000 gals.; mains, c. l., 201.67 m., 4 to 20 in. dia.; 1,965 hyd.; 24,357 met.; 30,696 serv.; 2,401 v.; pipe, lead; pres., dom. 60 lbs.; f. 100 lbs.; cons. day, 12,749,000 gals.; cost, \$2,000,000; cost mtce., \$87,560; wks. owned by city.

DEFIANCE, p. 7,327; f. area, 2,720 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng. & h. & l. trk., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 1,000 ft.; inf., 500 ft.; tot. hose, 4,000 ft.; f. al., Gamewell, 20 bx.; val. equip., \$6,000; val. bldgs., \$46,000; exp. dept., \$3,000; tot. mem., 75, pd. full time 3, pd. part time 10, vol. 62.

Water Supply—Src., riv., $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 325,000 gals., dim. 20 x 140, loc. near station; 2 pump. eng., class hor. dup., com. cap. day 4,000,000 gals.; mains, c. l., 17 m.; 170 hyd.; 57 v.; met., 40; 875 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f., 100 lbs.; cons. day, 1,250,000 gals.; cost, \$200,000; wks. owned by Co.

DE GRAFF, p. 1,082; f. area, 100 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 c. eng., 4 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 2,150 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$6,000; tot. mem., 40 vol.; undrs. rating, fifth class.

Water Supply—Src., wells, cistern, creek.

DELAWARE, p. 9,076; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 2 comb. wag., 1 auto. trk., 1 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 hose wag., 7 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., telp.; val. equip., \$6,000; exp. dept., \$5,238; tot. mem., 16, pd. full time 6, pd. part time 10; undrs. rating, fourth class.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 235,000 gals., dim. 20 x 100, mat. stl.; 3 pump. eng., class dup., cap. day 6,000,000 gals.; mains, c. l., 22 m., 4 to 16 in. dia.; 262 hyd.; 127 v.; 850 met.; 1,825 serv.; pipe, galv. i.; pres., dom. 50 to 70 lbs.; f. 100 lbs.; cons. day, 950,000 gals.; wks. owned by Co.

DELPHOS, p. 5,038; f. area, 965 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; rub., gd., 900 ft.; inf., 2,000 ft.; tot. hose, 6,400 ft.; f. al., bell; val. equip., \$23,000; val. bldgs., \$20,000; exp. dept., \$2,909; tot. mem., 43, pd. full time 8, pd. part time 25, vol. 15; undrs. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., grav., pump to res. to stdp. & dir.; stdp. cap., 305,489 gals., dim. 20 x 130, loc. in town, mat. bk. & iron; res. cap., 235,000 gals., loc. on South Washington st.; 2 pump. eng., cap. day 2,000,000 gals.; mains, iron, $16\frac{1}{2}$ m., $\frac{3}{4}$ to 12 in. dia.; 96 hyd.; 117 v.; met., 416; 1,168 serv.; pipe, lead; pres., dom. 55 lbs.; f. 125 lbs.; cons. day, 450,000 gals.; cost, \$85,000; cost mtce., \$6,500; wks. owned by city.

DELTA, p. 1,689; f. area, 30 a.; merc. bldgs., bk. & wd., 2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,700 ft.; exp. dept., \$500; tot. mem., 50 vol.; undrs. rating, fifth class.

Water Supply—Src., 3 wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; dim. 20 x 22; mat. stl.; res. cap., 120,000 gals.; 1 pump. eng.; cap. day 300,000 gals.; mains, c. l., 1.7 m., 4 to 10 in. dia.; 20 hyd.; pres., dom. 44 lbs.; f. 100 lbs.; cons. day, 20,000 gals.; cost, \$30,000; wks. owned by city.

DENNISON, p. 4,008; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor. F. dept.—1 c. eng., 19 c. hand ex., 1 h. & l. trk., 8 hose car.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., Game-

well, 6 bx.; val. equip., \$8,000; val. bldgs., \$2,600; tot. mem., 80 vol.; rating, fourth class.

Water Supply—Src., creek, $1\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 3,000,000 gals., loc. $\frac{1}{2}$ m. south town; pump. eng., class comp., cap. day 4,000,000 gals.; mains, c. l., 16 m., 4 to 12 in. dia.; 160 hyd.; 159 v.; met., 1,700; 2,100 serv.; pipe, lead; pres., dom. 100 lbs.; f. 110 lbs.; cons. day, 1,700,000 gals.; cost, \$344,019; wks. owned by Co.

DESHLER, p. 1,515; f. area, 1,400 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 10 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$3,800; val. bldgs., \$4,000; exp. dept., \$850; tot. mem., 37, pd. full time 1, pd. part time 36; undrs. rating, fifth class.

Water Supply—Src., cisterns & wells.

DRESDEN, p. 1,549. F. dept.—1 str., 1,500 ft. hose; 1 pd. man. vol.; rating, fifth class.

Water Supply—Src., wells & cisterns.

DUNKIRK, p. 1,109; bldgs., wd., 1 & 2 stor.; wd. rfs. not perm. F. dept.—1 hand eng., 3 c. ex., 1 h. & l. trk., 1 hose car.; hose, cot., gd., 900 ft.; inf., 200 ft.; rub., inf., 300 ft.; tot. hose, 1,400 ft.; val. bldgs., \$3,000; exp. dept., \$25; tot. mem., 30 vol.; rating, fifth class.

Water Supply—Src., wells; sys., grav. & dir. pres.; stdp. cap., 50,000 gals.; 1 pump. eng., cap. 150 gals. min.; mains, $4\frac{1}{4}$ m., 4 to 8 in. dia.; pres., dom. 53 lbs.; f. 125 lbs.; wks. owned by town.

EAST CLEVELAND, p. 9,179; f. area, 1,600 a.; merc. bldgs., stn., bk., wd., 1 to 4 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. h. & l. trk., 1 auto. str. & c., 4 c. hand ex.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh. & telp., 30 bx.; val. equip., \$18,000; tot. mem., 9, pd. full time.

Water Supply—Src., supplied by Cleveland, 8 m. bus. cent.; sys., pump to res. & dir.; mains, 29 m., 4 to 20 in. dia.; 320 hyd.; pres., f. 70 to 85 lbs.

EAST LIVERPOOL, p. 20,387; f. area, 575 a.; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. trip. comb. c. eng. & h. wag., 1 auto. aer. trk., 8 auto. comb. c. & h. wag., 1 chief's auto., 1 str., 12 c. hand ex., 1 aer. trk., 1 hose wag., 3 comb. c. & h. wag., 1 hose reel, 12 hrs.; hose, cot., rub. lined, gd., 7,400 ft.; inf., 1,200 ft.; tot. hose, 8,600 ft.; f. al., bell, 30 bx.; val. equip., \$30,000; val. bldgs., \$28,000; exp. dept., \$21,000; tot. mem., 25, pd. full time 15, vol. 10; undrs. rating, third class.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., grav. & pump to res.; res. cap., 8,000,000 gals.; 3 pump. eng., class hor. comp. dup., cap. day 5,000,000 gals.; mains, c. l., 83 $\frac{1}{2}$ m., 4 to 20 in. dia.; 200 hyd.; 455 v.; met., 75; 2,850 serv.; pipe, lead; pres., dom. 40 to 120 lbs.; f. 40 lbs.; cons. day, 3,261,098 gals.; cost, \$359,939; cost mtce., \$21,000; wks. owned by city.

EAST PALESTINE, p. 3,537; f. area, 1 m.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk., 4 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 1,000 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 50 vol.; undrs. rating, fourth class.

Water Supply—Src., well, 600 yds. bus. cent.; sys., pump to res.; res. cap., 750,000 gals.; pump. eng., cap. day 300,000 gals.; mains, 6 m., 4 to 10 in. dia.; 50 hyd.; 35 v.; 350 serv.; pipe, galv. i.; pres., dom. 85 lbs.; f. 110 lbs.; cost, \$29,000; cost mtce., \$1,800; wks. owned by city.

EATON, p. 3,187; f. area, 600 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$10,000; exp. dept., \$2,000; tot. mem., 22, pd. full time 2; undrs. rating, fourth class.

Water Supply—Src., spr. & wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 190-

000 gals., dim. 20 x 85, mat. stn. & stil.; res. cap., 550,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 1½ m., 4 to 12 in. dia.; 86 hyd.; 59 v.; met., 540; 811 serv.; pipe, lead; pres., dom. 60 lbs., f. 120 to 140 lbs.; cons. day, 160,000 gals.; cost, \$98,000; cost mtce., \$3,688; wks. owned by city.

EDGERTON, p. 1,072; f. area, 160 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 600 ft.; inf., 200 ft.; tot. hose, 800 ft.; f. al., bell; tot. mem., 20 vol.; undrs. rating, fifth class.

Water Supply—Src., wells & cisterna.

EDISON, p. 387. F. dept.—1 c. eng., 1 hand hose trk., 500 ft. hose; f. al., bell; 9 part pd. men.

EDON, p. 678. F. dept.—1 comb. hand eng. & hose reel, 2 c. hand ex., 350 ft. hose; f. al., bell; 25 vol.

ELMORE, p. 937; f. area, 200 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell, telp.; val. equip., \$3,000; val. bldgs., \$4,000; exp. dept., \$800; tot. mem., 10, pd. part time; undrs. rating, fourth class.

Water Supply—Src., deep well; sys., pump to stdp.; stdp. cap., 40,000 gals., mat. stil.; 1 pump. eng., compressed air; mains, 4 to 10 in. dia.; 29 hyd.; pres., 60 lbs.

ELMWOOD PLACE, p. 8,423; f. area, 4,160 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$3,000; tot. mem., 15 vol.; undrs. rating, second class.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., grav.; mains, c. l., 14 m., 4 to 8 in. dia.; 52 hyd.; met., 6; 266 serv.; pres., f. 65 to 100 lbs.; cost, \$15,000; cost mtce., \$1,400.

ELYRIA, p. 14,825; f. area, 8,570 a.; merc. bldgs., bk., stn. & wd., 2 to 6 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 aer. h. & l. trk., 2 auto. comb. c. & h. wag. with 1,000 ft. each of c. hose, 22 c. hand ex., 1 comb. c. & h. wag., 2 supply wag., 7 hrs.; in reserve, 1 comb. c. & h. wag., 1 str.; hose, cot., rub. lined, gd., 5,600 ft.; c., 450 ft.; tot. hose, 6,050 ft.; f. al., auto. sys. with 15 bx. & telp.; val. equip., \$30,000; val. bldgs., \$30,000; exp. dept., \$22,000; tot. mem., 21, pd. full time.

Water Supply—Src., Lake Erie, 8½ m. bus. cent.; sys., pump dir.; res. cap., 200,000,000 gals.; pump. eng., class hor. cross comp., cap. day 8,000,000 gals.; mains, c. l., 50 m., 4 to 20 in. dia.; 400 hyd.; 410 v.; 8,416 met.; 3,943 serv.; pipe, lead & wrt. l.; pres., dom. 35 to 40 lbs.; cons. day, 2,000,000 gals.; cost, \$300,000; cost mtce., \$16,000; wks. owned by city.

FAIRPORT, p. 2,263; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 h. & l. trk., 1 hose wag., 1 hose cart, 1 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; tot. mem., 10 vol.; rating, fourth class.

Water Supply—Src., lake; sys., pump to res.; mains, 3 m.; 16 hyd.; pres., dom. 60 lbs., f. 75 to 90 lbs.; wks. owned by Co., connected with Painesville plant.

FAYETTE, p. 915. F. dept.—1 h. eng., 15 c. ex., 2 h. & l. trk., 1,900 ft. hose; tot. mem., 1b, pd. part time; f. al., bell; rating, fifth class.

Water Supply—Twenty reservoirs; 1 hand eng.

FINDLAY, p. 14,858; f. area, 4,700 a.; merc. bldgs., wd., bk. & stn., 2 to 5 stor.; priv., wd., 2 & 8 stor.; wd. rfs. perm. F. dept.—1 str., 1 auto. c. eng., 1 hand eng., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 4 hose car., 18 hrs.; hose, cot., rub. lined, gd., 7,500 ft.; c., gd., 700 ft.; tot. hose, 8,200 ft.; f. al., Gamewell, 35 bx.; val. equip., \$23,575; val. bldgs., \$8,000; exp. dept., \$14,963; tot. mem., 14, pd. full time; undrs. rating, third class.

Water Supply—Src., wells, 10 m. bus. cent.;

sys., pump dir.; res. cap., 17,000,000 gals., loc. at station; 2 pump. eng., class cross comp. & comp. dup., cap. day 8,000,000 gals.; mains, c. l., 37½ m., 4 to 20 in. dia.; 258 hyd.; 204 v.; met., 2,776; 3,300 serv.; pipe, galv. l. & lead; pres., dom. 65 lbs., f. 120 lbs.; cons. day, 1,100,000 gals.; cost, \$575,000; cost mtce., \$11,000; wks. owned by city.

FLETCHER, p. 376. F. dept.—1 h. & l. trk., 1 hand eng., 1 hose reel, 450 ft. hose; f. al., bell; vol.

FLUSHING, p. 1,000; f. area, 500 a. F. dept.—2 c. hand ex., 1 h. & l. trk., 500 ft. hose; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$40; vol.

Water Supply—Src., cisterna.

FOREST, p. 1,500; f. area, 600 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 10 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$3,500; exp. dept., \$150; tot. mem., 60 vol.; undrs. rating, fifth class.

Water Supply—Src., wells & cisterna.

FT. RECOVERY, p. 1,193; f. area, 600 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 23 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 500 ft.; inf., 1,500 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$2,700; val. bldgs., \$5,000; exp. dept., \$265; tot. mem., 24 vol.; rating, fifth class.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 50,000 gals.; mains, 4 to 5 in. dia.; pres., dom. 50 lbs., f. 90 to 110 lbs.; cost, \$30,000; cost mtce., \$4,000; wks. owned by town.

FOSTORIA, p. 9,597; f. area, 3,200 a.; merc. bldgs., bk., stn. & wd., 2 to 5 stor.; priv., bk., stn. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 6 c. hand ex., 1 h. & l. trk., 2 supply wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., telp.; val. equip., \$9,000; val. bldgs., \$18,000; exp. dept., \$3,500; tot. mem., 15, pd. full time 6, pd. part time 9.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 375,000 gals.; dim., 25 x 100; loc. on Fremont st.; mat., al.; res. cap., 115,000,000 gals.; loc. west of city; 2 pump. eng.; cap. day, 3,000,000 gals.; mains, iron, 28 m., 4 to 14 in. dia.; 156 hyd.; 225 v.; 1,600 met.; 1,800 serv.; pipe, lead & iron; pres., dom. 50 to 60 lbs., f. 100 lbs.; cons. day, 900,000 gals.; cost, \$260,000; cost mtce., \$7,363; wks. owned by city.

FRANKFORT, p. 734. F. dept.—10 c. hand ex., 1 hose reel, 1 ladder trk., 400 ft. hose; 24 vol.

FRANKLIN, p. 2,659; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; tot. mem., 12, pd. full time 1, pd. part time 11; undrs. rating, fourth class.

Water Supply—Src., wells, in bus. cent.; sys., pump. dir.; 2 pump. eng.; cap. day, 1,500,000 gals.; mains, c. l., 7 m., 4 to 12 in. dia.; 50 hyd.; 25 v.; met., 50; 500 serv.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$50,000; cost mtce., \$3,500; wks. owned by city.

FREDERICKTOWN, p. 1,021; f. area, 150 a. F. dept.—1 hand eng., 1 h. & l. trk., 4 hose carts; hose, 1,000 ft.; tot. mem., 13, pd. full time; f. al., bell.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 35,000 gals.; 2 pump. eng.; 37 hyd.; wks. owned by town.

FREESPORT, Harrison Co., p. 624. F. dept.—2 hose reels, 1,000 ft. hose; 14 vol.

FREMONT, p. 9,939; f. area, 2,650 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—2 str., 1 hand eng., 1 h. & l. trk., 1 hose wag., 2 comb. c. & h. wag., 1 supply wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., bell & telp.; val. equip., \$6,000; val.

bldgs., \$8,000; exp. dept., \$2,778; tot. mem., 10, pd. full time 8, pd. part time 7.

Water Supply—Src., riv.; sys., grav., pump to stdp. & dir.; stdp. cap., 365,000 gals.; 2 pump. eng., cap. day, 5,000,000 gals.; mains, c. i., 36 in., 4 to 16 in. dia.; 220 hyd.; 250 v.; 1,900 met.; 2,086 serv.; pipe, lead & iron; pres., dom. 59 lbs.; f. 100 lbs.; cost, \$300,000; cost mtce., \$9,000; wks. owned by city.

GALION, p. 7,214; f. area, 1,200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. & 1 trk., 4 c. hand ex., 2 hose wag., 1 auto. wag., 3 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 500 ft.; tot. hose, 4,000 ft.; f. al., Gamewell, 28 bx.; val. equip., \$20,000; val. bldgs., \$25,000; exp. dept., \$3,600; tot. mem., 15, pd. full time 5, vol. 10.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 155,500 gals., dim. 25 x 49, mat. stl.; 2 pump. eng., class comp. dup., cap. day, 2,500,000 gals.; 1 auxiliary trip. pump.; cap. day, 300,000 gals.; mains, c. i., 19 in., 4 to 12 in. dia.; 169 hyd.; 105 v.; met., 500; 1,500 serv.; pipe, galv. i.; pres., dom. 35 to 60 lbs.; f. 85 to 125 lbs.; cons. day, 500,000 gals.; wks. owned by Co.

GALLIPOLIS, p. 5,560; f. area, 1,600 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 2 c. hand ex., 2 hose wag., 4 hose car., 3 hrs.; hose, cot., gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., wh.; val. equip., \$8,000; val. bldgs., \$3,000; tot. mem., 22, pd. full time 1, vol. 21.

Water Supply—Src., riv., 1½ m. bus. cent.; sys. pump to res.; res. cap., 2,500,000 gals., loc. on hill; 2 pump. eng., class comp., cap. day 700,000 gals.; mains, c. i., 14 in., 4 to 16 in. dia.; 87 hyd.; 87 v.; 585 met.; 961 serv.; pipe, galv. i.; pres., dom. 110½ lbs.; f. 120 to 180 lbs.; cons. day, 500,000 gals.; cost, \$125,000; cost mtce., \$5,890; wks. owned by city.

GARRETSVILLE, p. 1,100; f. area, 1,280 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk., 2 & 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 1 c. eng., 6 c. hand ex., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,750 ft.; f. al., bell & telp.; val. equip., \$5,500; val. bldgs., \$20,000; exp. dept., \$600; tot. mem., 50, pd. full time 1, vol. 49; rating, fifth class.

Water Supply—Src., 18 wells; sys., pump to 2 res.; cap. res., 500,000 gals.; stn. pump, loc. 165 ft. above city; 50 hyd.; pres., f. 85 lbs.; cost, \$60,000; wks. owned by city.

GENEVA, p. 2,496; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 5 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 400 ft.; tot. hose, 1,800 ft.; f. al., bell & wh., 400 telp. bx.; tot. mem., 16, pd. full time 1, vol. 15.

Water Supply—Src., riv., 3¼ m. bus. cent.; sys., grav.; res. cap., 2,800,000 gals.; 2 pump. eng.; cap. day, 750,000 gals.; mains, 13 in., 6 to 12 in. dia.; 92 hyd.; 170 v.; 691 met.; 782 serv.; pres., dom. & f. 80 lbs.; cons. day, 300,000 gals.; cost, \$95,000; cost mtce., \$4,000; wks. owned by town.

GENOA, p. 817; merc. bldgs., frame, 1 & 2 stor. F. dept.—1 h. eng., 1 c. eng., 2 hose carts; hose, 1,200 ft.; tot. mem., 21 vol.

Water Supply—Src., 5 cisterns, cap. 500 bbls. each, in middle bus. dist.

GEORGETOWN, p. 1,580; f. area, 400 a.; merc. bldgs., stn., bk. & 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 hand eng., 1 str., 4 c. ex., 1 h. & 1 trk., 1 hose car.; hose, cot., gd., 1,250 ft.; inf., 600 ft.; tot. hose, 1,850 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$2,500; tot. mem., 12, pd. part time; undra. rating, fifth class.

Water Supply—Src., 22 wells & cisterns; sys., pump. to 9 cisterns; pump. eng., cap. day 84,000 gals.

GERMANTOWN, p. 1,778; f. area, 1,800 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—

1 str., 1 c. eng., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 500 ft.; inf., 200 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,800; exp. dept., \$900; tot. mem., 17, pd. full time; undra. rating, fifth class.

Water Supply—Src., wells & cisterns; sys., pump. to 9 cisterns; pump. eng., cap. min. 85 gals.; hand eng., 60 gals.

GIBSONBURG, p. 1,864; f. area, 60 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., wh., 200 bx.; tot. mem., 44 vol.; undra. rating, four and one-half class.

Water Supply—Src., 2 wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 110,000 gals.; dim., 13 x 110; mat., stl.; res. cap., 85,000 gals.; 2 pump. eng., cap. hour 30,000 gals.; mains, c. i., 5 in., 4 to 8 in. dia.; 51 hyd.; met., 245; 392 serv.; pipe, galv. i.; pres., dom. 48 lbs.; f. 90 to 110 lbs.; cost, \$30,000; wks. owned by city.

GIRARD, p. 3,786; f. area, 100 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 50 c. hand ex., 1 h. & 1 trk., 1 hose car.; hose, rub. gd., 100 ft.; f. al., bell; tot. mem., 70 vol.; undra. rating, fifth class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 212,000 gals., dim. 30 x 40; mat., stl.; res. cap., 50,000 gals.; 2 pump. eng., cap. day 500,000 gals.; mains, 8 in., 4 to 12 in. dia.; 78 hyd.; 85 v.; met., 320; 447 serv.; pipe, iron; pres., dom. 88 lbs.; f. 88 lbs.; cons. day, 650,000 gals.; wks. owned by priv. Co.

GLANDORF, p. 558. F. dept.—1 comb. l. c. & hand pump. eng., 1 hose reel, 1,000 ft. hose; 80 vol.

GLENDAL, p. 1,741; f. area, 960 a.; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose reel, 1 hrs.; hose, cot., rub. lined, gd., 1,300 ft.; rub. gd., 200 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; tot. mem., 85 vol.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; 2 pump. eng.; cap. day, 1,250,000 gals.; mains, 8½ in., 1½ to 10 in. dia.; 27 hyd.; met., 220; 220 serv.; pres., dom. 40 lbs.; f. 125 lbs.; cons. day, 300,000 gals.; cost, \$50,000; cost mtce., \$3,000; wks. owned by city.

GLOUSTER, p. 2,527; f. area, 500 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; tot. mem., 12 vol.; undra. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; stdp. cap., 100,000 gals.; 1 pump. eng.; mains, c. i., 4 in., 4 to 6 in. dia.; 50 hyd.; 11 v.; 80 met.; pres., dom. & f., 90 lbs.; cons. day, 95,000 gals.; wks. owned by village.

GRAFTON, p. 955; merc. bldgs., wd. F. dept.—2 hand eng., 1 c. eng.; hose, rub. gd., 600 ft.; f. al., bell; tot. mem., 12 vol.; undra. rating, fifth class.

Water Supply—Src., 9 cisterns, 10 x 10, cap. 100 bbls. each.

GRAND RAPIDS, p. 574. F. dept.—1 hand eng., 5 c. hand ex., 1,500 ft. hose; f. al., bell & wh.; 27 vol.

GRANVILLE, p. 1,894; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; tot. mem., 18 vol.; undra. rating, fourth class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 103,000 gals.; 2 pump. eng., cap. day 360,000 gals.; mains, c. i., 6 in., 4 to 6 in. dia.; 38 hyd.; 20 v.; met., 130; 450 serv.; pipe, galv. i.; pres., dom. & f., 95 lbs.; cons. day, 100,000 gals.; cost, \$30,500; cost mtce., \$3,000; wks. owned by city.

GREENFIELD, p. 4,228; f. area, 800 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c.

& h. wag., 1 c. hand ex., 1 h. & l. trk., 1 hose car., 3 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al., bell, val. equip., \$3,800; val. bldgs., \$5,000; tot. mem. 22, pd. full time 2, vol. 20; undra. rating, fourth class.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 84,500 gals., dim. 14 x 75, loc. near station; mat., stl.; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. l., 17 m., 4 to 10 in. dia.; 80 hyd.; 52 v.; 410 serv.; pipe, galv. l.; pres., dom. 45 lbs., f. 150 lbs.; cons. day, 500,000 gals.; cost, \$40,000; cost mtce., \$8,000; wks. owned by city.

GREENSPRING, p. 338. F. dept.—1 hand eng., 6 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; tot. mem. 20, pd. part time.

Water Supply—Src., 10 cisterns, cap. 100 to 200 bbls. each.

GREENVILLE, p. 6,237; f. area, 500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 c. hand ex., 1 h. & l. trk., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., Gamewell, 21 bx.; exp. dept., \$8,000; tot. mem. 15, pd. full time 4, pd. part time 11; undra. rating, fourth class.

Water Supply—Src., wells, $\frac{3}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 141,000 gals., dim. 50 x 60, loc. in city; mat., bk. & stl.; 2 pump. eng., class comp. dup., cap. day 3,000,000 gals.; mains, c. l., 18 m., 3 to 14 in. dia.; 145 hyd.; 100 v.; 1,148 met.; 1,665 serv.; pipe, lead; pres., dom. 60 lbs.; wks. owned by city.

GREENWICH, p. 876; f. area, 120 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 hand eng., 1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 600 ft.; tot. hose, 1,600 ft.; vol.; undra. rating, fourth class.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 71,087 gals., dim. 11 x 100; mat., stl.; res. cap., 15,000,000 gals.; 1 pump. eng., class comp. dup., cap. day 750,000 gals.; mains, c. l., 2 $\frac{1}{2}$ m., 4 to 8 in. dia.; 23 hyd.; 80 met.; pipe, lead; pres., dom. 50 lbs., f. 80 lbs.; cons. day, 60,000 gals.; cost, \$12,000; cost mtce., \$900; wks. owned by town.

GROVEPORT, p. 643. F. dept.—1 hand c. eng. & c. hand ex.

GROVER HILL, p. 700; f. area, 115 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas eng., 1 c. eng., 8 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 400 ft.; tot. hose, 1,400 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,400; exp. dept., \$300; tot. mem., 35 vol.

Water Supply—Src., cistern.

HAMDEN, p. 1,019. F. dept.—1 h. & l. trk., 50 buckets; val. equip., \$200; val. bldgs., \$300; exp. dept., \$50; vol.

No waterwks.

HAMILTON, Butler Co., p. 35,279; merc. bldgs., bk., stn. & iron, 3 & 4 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. hose wag., 1 str., 10 c. hand ex., 1 h. & l. trk., 5 comb. c. & h. wag., 1 aer. trk., 4 hose car., 16 hrs.; hose, cot., rub. lined, gd., 12,500 ft.; f. al., Gamewell, 42 bx.; val. equip., \$30,930; val. bldgs., \$56,000; exp. dept., \$25,000; tot. mem. 39, pd. full time; undra. rating, third class.

Water Supply—Src., wells, 12 sq. bus. cent.; sys., pump to res. & dir.; res. cap., 7,000,000 gals.; 2 pump. eng., class comp. dup., cap. day 9,000,000 gals.; mains, c. l., 62 m., 4 to 20 in. dia.; 443 hyd.; 550 v.; met., 2,613; 4,684 serv.; pipe, lead; pres., dom. 95 lbs., f. 100 lbs.; cons. day, 2,500,000 gals.; cost, \$380,000; cost mtce., \$20,000; wks. owned by city.

HAMLER, p. 596. F. dept.—1 pump. eng., 2 hose reels, 1 ladder, 1,200 ft. hose; f. al., bell; 24 vol.

HARRISON, p. 1,368; f. area, 100 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt.

ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 6 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,450 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$17,000; exp. dept., \$200; tot. mem., 30 vol.

Water Supply—Src., riv. & wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 110,000 gals., dim. 12 x 110; mat., stl.; res. cap., 110,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 5 m.; 32 hyd.; 10 v.; met., 25; 300 serv.; pipe, lead & galv. l.; pres., dom. 45 lbs., f. 120 lbs.; cons. day, 75,000 gals.; cost, \$65,000; cost mtce., \$8,000; wks. owned by Co.

HARROD, p. 474. F. dept.—1 hand eng., 200 ft. hose; f. al., bell.

HARTWELL, p. 2,823; annexed to Cincinnati.

HARVEYSBURG, p. 359. F. dept.—1 hand eng., 4 c. hand ex., 250 ft. hose; vol.

HAYESVILLE, p. 338. F. dept.—1 hand eng., 300 ft. hose; vol.

HICKSVILLE, p. 2,395; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 700 ft.; inf., 400 ft.; tot. hose, 1,900 ft.; f. al., bell & telp.; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 36 vol.; undra. rating, fourth class.

Water Supply—Src., wells, 40 rods bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 500,000 gals.; mains, c. l., 3 m., 4 to 10 in. dia.; 36 hyd.; 309 serv.; pipe, galv. l. & lead; pres., dom. 25 lbs., f. 80 lbs.; cons. day, 90,000 gals.; cost, \$25,000; cost mtce., \$2,300; wks. owned by city.

HIGGINSPOET, p. 417. F. dept.—1 hand eng., 1 hose reel, 1 ladder cart, 600 ft. hose; f. al., bell; 16 part pd. men.

HILLSBORO, p. 4,296; f. area, 1,300 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 1,000 ft.; tot. hose, 2,500 ft.; f. al., bell, 16 bx.; val. equip., \$10,000; val. bldgs., \$20,000; exp. dept., \$1,700; tot. mem. 13, pd. full time 2, pd. part time 11; undra. rating, fourth class.

Water Supply—Src., wells, 2 $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 178,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, iron, 10 $\frac{1}{2}$ m., 3 to 10 in. dia.; 72 hyd.; met., 275; 700 serv.; pipe, galv. l.; cost, \$87,500; cost mtce., \$5,000; wks. owned by city.

HIRAM, p. 422; f. area, 320 a. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hand hose carts, 1,000 ft. hose; f. al., bell; 20 vol.

HOLGATE, p. 1,095; f. area, 600 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 $\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,700 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$4,000; exp. dept., \$400; tot. mem., 18 vol.

Water Supply—Src., wells; sys., pump to res. & dir.; mains, 1 $\frac{1}{2}$ m.; 12 hyd.; pres., dom. 40 lbs., f. 120 lbs.; cost, \$20,000; cost mtce., \$3,600; wks. owned by town.

HUBBARD, p. 1,699. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 1 hose cart, 1,200 ft. hose; 30 vol.; f. al., bell; undra. rating, fifth class.

Water Supply—Src., cisterns, wells & creek.

HUDSON, p. 1,021; bldgs., bk. & wd., 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 6 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, rub., gd., 500 ft.; tot. mem., 29 vol.; undra. rating, fifth class.

Water Supply—Src., cisterns.

HURON, p. 1,756; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hand eng., 1 h. & l. trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 300 ft.; tot. hose, 1,800 ft.; f. al., wh., val. equip., \$300; val. bldgs., \$250; exp. dept., \$300; tot. mem., 29 vol.; undra. rating, fifth class.

Water Supply—Src., wells, cisterns, lake, riv.; sys., dir. pres.; stdp. cap., 100,000 gals.; res. dom. 42 lbs., f. 75 lbs.; wks. owned by town.

IRONDALE, p. 1,186. F. dept.—1 h. eng., 1 hose reel, 800 ft. hose; vol. f. al. bell.

Water Supply—Src., creek.

IRONTON, p. 18,147; merc. bldgs., wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. eng., 4 c. hand ex., 2 h. & 1 trk., 6 aer. trk., 2 hose wag., 6 hose car., 7 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; rub. gd., 1,800 ft.; tot. hose, 4,000 ft.; f. al., Gamewell, 39 bx.; val. equip., \$14,775; val. bldgs., \$6,500; exp. dept., \$8,500; tot. mem. 51, pd. full time 8, vol. 43; undra. rating, fourth class.

Water Supply—Src., riv.; sys., pump dir.; 3 pump. eng., cap. day 7,500,000 gals.; mains, c. l., 80 m., 4 to 16 in. dia.; 226 hyd.; 225 v.; met., 30; 2,200 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 100 lbs.; cons. day, 1,750,000 gals.; cost, \$250,000; cost mtce., \$12,000; wks. owned by city.

JACKSON, p. 5,468; f. area, 7,000 a.; merc. bldgs., 2 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 h. & 1 trk., 4 hrs.; hose, cot., rub. lined, gd., 9,000 ft.; f. al., bell & telp.; val. equip., \$15,000; val. bldgs., \$1,500; exp. dept., \$150; tot. mem. 20, pd. full time 4, pd. part time 6; undra. rating, fourth class.

Water Supply—Src., wells, 7 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 250,000 gals., dim. 30 x 50; mat., iron; 2 pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. l., 15 m., 4 to 10 in. dia.; 84 hyd.; met., 42; 415 serv.; pipe, lead & galv. i.; pres., dom. 95 lbs., f. 95 lbs.; cons. day, 200,000 gals.; cost, \$150,000; wks. owned by Co.

JACKSON CENTRE, p. 800; f. area, 160 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas eng., 1 h. & 1 trk., 1 c. trk., 1 hose wag., 1 hp. water eng.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 150 ft.; c., 100 ft.; tot. hose, 1,250 ft.; f. al., telp. & bell; tot. mem., 35 vol.; val. equip., \$8,000; val. bldgs., \$2,000.

JAMESTOWN, p. 1,188; f. area, 60 a.; merc. bldgs., bk., stn. & wd., 1 to 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 950 ft.; inf., 50 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,700; val. bldgs., \$16,000; tot. mem. 15, pd. part time; undra. rating, fifth class.

Water Supply—Src., wells & cisterns.

JEFFERSON, p. 1,461; f. area, 960 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 12 c. hand ex., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 300 ft.; tot. hose, 1,300 ft.; f. al., telp.; val. equip., \$4,000; val. bldgs., \$4,000; exp. dept., \$200; tot. mem., 33, pd. part time; undra. rating, fifth class.

Water Supply—Src., wells, cisterns & creek; 41 yd.; 6 m. mains; 120 lbs. f. pres.

JEFFERSONVILLE, p. 716. F. dept.—1 c. wag., ladder wag., 500 ft. hose; f. al., bell; 25 vol.

JERSEY CITY, p. 555. F. dept.—1 hand eng., 60 ft. hose; vol.

KALIDA, p. 770. F. dept.—1 hand eng., 1 hose art. ladders, 800 ft. hose; f. al., bell; 26 part d. men.

KENT, p. 4,488; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., Union, 9 bx.; undra. rating, fourth class; vol.

Water Supply—Src., wells; sys., pump to res. stdp.; stdp. cap., 115,000 gals.; res. cap., 20,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, 15 m., 4 to 12 in. dia.; 88 hyd.; 56 v.; et., 168; 691 serv.; pipe, galv. i.; pres., dom. 20 lbs., f. 150 lbs.; cost, \$75,000; cost mtce., 10,800; wks. owned by Co.

KENTON, p. 7,185; f. area, 1,200 a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk. & wd., 2 stor.; f. rfs. not perm.; fwks. & combt. ord. F. dept.—c. hand ex., 1 h. & 1 trk., 2 hose car., 5 hrs.;

hose, rub., gd., 2,200 ft.; f. al., Gamewell, 22 bx.; val. equip., \$9,500; val. bldgs., \$7,000; exp. dept., \$4,070; tot. mem. 18, pd. full time 4, vol. 14; undra. rating, fourth class.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump dir.; res. cap., 2,000,000 gals.; 1 pump. eng., cap. min. 800 gals.; mains, c. l., 21 m., 2 to 16 in. dia.; 140 hyd.; met., 10; 900 serv.; pipe, lead; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 700,000 gals.; cost, \$130,000; cost mtce., \$8,000; wks. owned by city.

KINGSTON, p. 813. F. dept.—1 comb. c. & h. wag., 1 hose wag., 400 ft. cot., rub. lined hose; val. equip., \$1,000; val. bldgs., \$100; exp. dept., \$25; vol.

LAKEVIEW, p. 528. F. dept.—1 hand pump, 1,000 ft. hose; vol.

LAKEWOOD, p. 15,181. F. dept.—1 auto. h. & 1 trk., 1 chief's auto, 2 auto. comb. str. & hose wag., 1 hose wag.; f. al., Gamewell, 31 bx.; tot. mem. 13, pd. full time 9, vol. 4.

Water Supply—Src., from Cleveland; stdp.; taken from mains; mains, c. l., 78 m., 4 to 16 in. dia.; 718 hyd.; met., 3,277; 1,600 serv.; pipe, lead & galv. i.; pres., dom. 40 to 70 lbs., f. 40 to 70 lbs.; cons. day, 719,730 gals.

LANCASTER, p. 14,000; f. area, 3,000 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 8 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 comb. c. & h. wag., 4 hrs.; hose, cot., rub. lined, gd., 4,600 ft.; f. al., bell & wh., 31 bx.; val. equip., \$9,000; val. bldgs., \$7,000; exp. dept., \$7,000; tot. mem. 7, pd. full time; undra. rating, fourth class.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., pump to res.; res. cap., 2,500,000 gals.; 4 pump. eng., cap. day 7,000,000 gals.; mains, c. l., 27 m., 4 to 16 in. dia.; 183 hyd.; 202 v.; met., 1,009; 1,784 serv.; pipe, lead & galv. i.; pres., dom. 92 lbs., f. 120 lbs.; cons. day, 800,000 gals.; cost, \$175,000; cost mtce., \$6,000; wks. owned by city.

LA RUE, p. 772; f. area, 750 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—Gasoline eng., 1 h. eng., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 800 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; pres., dom. 120 lbs., f. 180 lbs.; val. equip., \$200; val. bldgs., \$1,500; exp. dept., \$280; vol.

Water Supply—Src., cisterns & wells.

LAURELVILLE, p. 457. F. dept.—1 gas eng., 1 hose wag., 1 hrs.; hose, cot., rub. lined, gd., 500 ft.; inf., 200 ft.; tot. hose, 700 ft.; f. al., bell; val. equip., \$1,500; tot. mem., 7 vol.

LEBANON, p. 2,698; f. area, 60 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 hrs., 1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 2 hose wag., 1 hose car.; hose, rub. gd., 3,800 ft.; f. al., bell; val. equip., \$4,978; val. bldgs., \$5,000; exp. dept., \$700; tot. mem., 16, pd. part time; undra. rating, fourth class.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 300,000 gals.; pump. eng., cap. day 1,500,000 gals.; mains, c. l., 12 m., 4 to 12 in. dia.; 79 hyd.; pres., dom. 70 lbs., f. 125 lbs.; cost, \$52,000.

LEESBURG, p. 828; f. area, 800 a.; merc. bldgs., bk., stn. & wd., 1 to 2 stor.; priv., bk., stn. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—comb. c. & hose wag.; hose, rub. lined, gd., 700 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,000; exp. dept., \$50; tot. mem., 16; undra. rating, fourth class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; stdp. cap., 100,000 gals.; 1 pump. eng.; cap. day 40,000 gals.; mains, 3½ m.; 27 hyd.; 15 v.; 85 serv.; 85 met.; pres., dom. & f. 62 lbs.; cost, \$20,000; cost mtce., \$600; wks. owned by city.

LEETONIA, p. 2,665; f. area, 1,000 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,550 ft.; inf., 30 ft.; tot. hose, 1,850 ft.; f. al., automatic; val. equip., \$1,925; val. bldgs., \$1,000;

exp. dept., \$75; tot. mem., 85 vol.; undrs. rating, fourth class.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals.; loc. $\frac{1}{2}$ m. north town; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., $\frac{3}{4}$ m., 4 to 12 in. dia.; 78 hyd.; 64 v.; 522 met.; 688 serv.; pipe, lead & iron; pres., dom. 80 lbs., f. 120 lbs.; cons. day, 70,000 gals.; cost, \$56,000; cost mtce., \$4,200; wks. owned by city.

LEIPSIC, p. 1,773; bldgs., bk., stn. & wd., 1 to 3 stor.; wd. ris. not perm. F. dept.—1 str., 2 hose car.; hose, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., elec. bell & wh.; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$250; tot. mem., 20 vol.; undrs. rating, fourth class.

WATER SUPPLY—Src., 8 wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 55,000 gals., dim. 18 x 25; mat., stl.; res. cap., 150,000 gals.; cisterna, cap. 250,000 gals.; 1 pump. eng., cap. day 200,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 53 hyd.; 16 v.; met., 425; 500 serv.; pres., dom. 45 lbs., f. 85 to 120 lbs.; cons. day, 195,000 gals.; cost, \$25,000; cost mtce., \$6,000; wks. owned by city.

LEXINGTON, p. 654; f. area, 22 a. F. dept.—1 comb. c. & h. wag., 100 ft. hose; val. equip., \$500; tot. mem., 9 vol.

Water Supply—Src., deep well; sys., 2 pumps, cap. day 700,000 gals.; 52 hyd.; pres., dom. 60 lbs., f. 125 lbs.; cost, \$60,000; wks. owned by city.

LIBERTY CENTER, p. 647. F. dept.—1 hand & gasoline eng., 1 hand hose reel, 1,000 ft. hose; f. al., bell; 31 vol.

LIMA, p. 30,508; f. area, 1,500 a.; bldgs., stn., bk., conc., iron & wd., 2 to 7 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—2 str., 12 c. hand ex., 1 aer. trk., 1 h. & l. trk., 2 comb. c. & h. wag., 3 hose wag., 1 chief's wag., 17 hrs., 2 in reserve; hose, cot., rub. lined, gd., 8,900 ft.; f. al., Game-well, 53 bx.; val. equip., \$38,862; val. bldgs., \$36,650; exp. dept., \$32,731; tot. mem., 84, pd. full time.

Water Supply—Src., lake, creek, wells & Ottawa riv., $\frac{3}{4}$ m. bus. cent.; sys., pump dir.; 3 res., cap. 728,000,000 gals.; pump. eng., cap. day, 5,000,000 gals.; mains, c. i., 54.88 m., 4 to 30 in. dia.; 280 hyd.; 370 v.; met., 1,480; 5,610 serv.; pipe, lead; pres., dom. 50 lbs., f. 60 to 80 lbs.; cost, \$480,000; cost mtce., \$28,000; wks. owned by city.

LINDSEY, p. 501. F. dept.—1 c. eng., 150 ft. hose; f. al., bell & wh.; vol.

LISBON, Columbiana Co., p. 3,330; merc. bldgs., wd., stn. & bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm.; fwks. & combt. ord. F. dept.—3 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$700; exp. dept., \$150; tot. mem., 16 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, creek, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; res. cap., 337,500 gals., loc. $\frac{1}{4}$ m. south town; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, c. i., 5 m.; 65 hyd.; 80 v.; 300 serv.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 200,000 gals.; cost, \$100,000; cost mtce., \$5,000; wks. owned by city.

LOCKLAND, p. 3,439; f. area, 900 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$3,000; val. bldgs., \$1,800; tot. mem., 75 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res. & dir.; stdp. cap., 50,000 gals.; mains, c. i., $1\frac{1}{2}$ m., 4 to 8 in. dia.; 74 hyd.; 547; 547 serv.; pres., dom. & f. 90 lbs.; cost, \$70,000; wks. owned by village.

LOGAN, p. 4,850; f. area, 575 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 500 ft.; tot. hose, 1,500 ft.; f. al., bell & telp.; val. equip., \$10,000; val. bldgs., \$3,000; exp. dept., \$700; tot. mem., 22, pd. full time 1, vol. 21; undrs. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 9 m., 4 to 12 in. dia.; 87 hyd.; 46 v.; met., 39; 900 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 100 lbs.; cons. day, 602,187 gals.; cost, \$32,781; cost mtce., \$6,000; wks. owned by city.

LONDON, p. 3,530; f. area, 1,440 a.; merc. bldgs., bk., 3 & 4 stor.; priv., wd., 2 & 3 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 c. hand ex., 1 hose wag., 1 hose cart, 3 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 400 ft.; tot. hose, 2,900 ft.; val. equip., \$9,500; tot. mem., 28, pd. full time 4, pd. part time 21; undrs. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., grav., pump to res. & dir.; stdp. cap., 295,000 gals., dim. 20 x 125; res. cap., 300,000 gals.; 3 pump. eng., cap. day 3,000,000 gals.; mains, c. i., $1\frac{1}{2}$ m., 4 to 14 in. dia.; 123 hyd.; 81 v.; met., 200; 800 serv.; pipe, galv. i.; pres., dom. 35 to 50 lbs., f. 80 to 100 lbs.; cons. day, 700,000 gals.; cost, \$115,000; cost mtce., \$9,000; wks. owned by Co.

LORAIN, p. 28,833; f. area, 10.6 sq. m.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 18 c. hand ex., 1 h. & l. trk., 1 auto trk., 2 hose wag., 5 comb. c. & h. wag., 1 auto comb. c. & h. wag., 19 hrs.; hose, cot., rub. lined, gd., 12,000 ft.; rub. gd., 600 ft.; tot. hose, 12,600 ft.; f. al., bell & wh.; val. equip., \$60,000; val. bldgs., \$50,000; exp. dept., \$30,000; tot. mem., 90, pd. full time 25, vol. 65; undrs. rating, fourth class.

Water Supply—Src., lake, $\frac{1}{4}$ m. bus. cent.; sys., grav.; 3 pump. eng., class hor., cap. day 14,000,000 gals.; mains, iron, 62 m., 4 to 24 in. dia.; 560 hyd.; 1,028 v.; 3,500 met.; 7,000 serv.; pipe, lead & iron; pres., dom. 60 lbs., f. 85 to 110 lbs.; cons. day, 3,500,000 gals.; cost, \$500,000; cost mtce., \$13,707; wks. owned by city.

LOUDONVILLE, p. 1,804; f. area, 165 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,600 ft.; rub. gd., 300 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$25,000; tot. mem., 36 vol.; undrs. rating, fourth class.

Water Supply—Src., wells; sys., pump to res.; res. cap., 270,000 gals.; 1 pump. eng.; mains, 7 m.; 52 hyd.; pres., 85 lbs.; cost, \$28,000; wks. owned by Co.

LOUISVILLE, p. 1,800; f. area, 700 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$3,000; exp. dept., \$150; tot. mem., 15 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. i., $\frac{5}{8}$ m., 4 to 10 in. dia.; 87 hyd.; 56 serv.; pipe, galv. i.; pres., dom. 30 to 60 lbs., f. 80 to 100 lbs.; cost, \$18,000; cost mtce., \$350.

LOVELAND, p. 1,421; f. area, 450 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 6 c. hand ex., 1 hose reel; hose, cot., rub. lined, gd., 1,550 ft.; rub. gd., 250 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$15,000; exp. dept., \$400; tot. mem., 35 vol.; undrs. rating, fifth class.

Water Supply—Src., wells, riv. & cisterna; sys., dir. pres.; 8 m. mains; 26 hyd.; pres., 136 lbs.; wks. owned by city.

LOWELL, p. 569. F. dept.—1 hand eng., 2 hose carts; f. al., bell; val. equip., \$300; exp. dept., \$20; tot. mem., 10 vol.

Water Supply—Src., cisterna.

LOWELLVILLE, p. 1,592; f. area, 500 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., mostly wd., $1\frac{1}{2}$ to 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hose car., 1 Howe hand eng., c. attached; hose, cot., rub. lined, gd., 1,400 ft.; inf., 400 ft.; tot. hose, 1,800 ft.; f. al., wh.; val. equip., \$1,500.

val. bldgs., \$1,500; exp. dept., \$250; tot. mem., 25; undra. rating, fifth class.

LYNCHBURG, p. 928; bldgs., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—24 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 400 ft.; tot. hose, 1,200 ft.; f. al., bell; exp. dept., \$100; tot. mem., 29 vol.; undra. rating, fourth class.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav., pump to res. & dir.; stdp. cap., 50,000 gals.; dim. 28 x 16; mat., stil.; res. cap., 60,000 gals.; 1 pump. eng., class dup., cap. day 500,000 gals.; mains, 3½ m., 2 to 8 in. dia.; 22 hyd.; 19 v.; 36 met.; 210 serv.; pres., dom. 40 lbs.; f. 125 lbs.; cons. day, 60,000 gals.; cost, \$9,000; cost mtce., \$12,000; wks. owned by city.

LYONS, p. 408. F. dept.—1 h. & 1 trk., 1 comb. c. & hand eng., 700 ft. hose; f. al., bell; 25 part pd. mem.

McARTHUR, p. 1,107. F. dept.—1 hand h. & 1 trk.; f. al., bell & wh.; vol.

McCOMB, p. 1,088; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; causes of f. inv. F. dept.—1 gas. eng., 1 hand eng., 1 h. & 1 trk., 1 hose car., 2 c. ex.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 300 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$4,000; tot. mem., 26 vol.; undra. rating, fifth class.

Water Supply—Src., cisterns, 5 wells, 1 res.

McCONNELLSVILLE, p. 1,881; f. area, 100 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 800 ft.; tot. hose, 2,000 ft.; f. al., bell; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav.; res. cap., 250,000 gals., loc. on hill; pump, class comp., cap. min. 450 gals.; mains, 5 m.; 50 hyd.; met., 60; 200 serv.; pres., dom. 100 lbs.; f. 75 to 100 lbs.; cons. day, 30,000 gals.; cost mtce., \$1,200; wks. owned by city.

MADISON, p. 863; f. area, 25 a.; merc. bldgs., bk. & metal cov., 1 to 2 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car., 24 hp. gasoline & hand eng.; hose, cot., rub. lined, gd., 2,600 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$500; tot. mem., 15, pd. part time.

Water Supply—1 tk., 50-ft. elevation, cap. 22,000 gals., & 3 large cisterns.

MADISONVILLE, p. 5,198; f. area, 2,000 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 h. & 1 trk., 2 hose reels; hose, cot., rub. lined, gd., 1,250 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$1,500; exp. dept., \$200; tot. mem., 18, pd. part time 3, vol. 15.

Water Supply—Src., supplied from Cincinnati Waterwks.

MALINTA, p. 345. F. dept.—1 comb. c. & hand eng., 1 ladder, 1,200 ft. hose; f. al., bell; 21 vol.

MANSFIELD, p. 20,768; f. area, 2,500 a.; merc. bldgs., wd., stn. & bk., 1½ to 4 stor.; priv., wd., stn. & bk., 2 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—2 auto. comb. c. & h. wag., 1 str., 1 comb. c. & h. wag., 8 c. hand ex., 1 h. & 1 trk., 2 hose wag., 10 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., Gamewell, 70 bx.; val. equip., \$20,000; val. bldgs., \$20,000; exp. dept., \$20,000; tot. mem., 21, pd. full time; undra. rating, third class.

Water Supply—Src., wells & spr., 2 m. bus. cent.; sys., pump dir.; res. cap., 3,000,000 gals., loc. at station; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 60 m., 3 to 14 in. dia.; 318 hyd.; 800 v.; met., 2,300; 5,100 serv.; pipe, galv. i.; pres., dom. 80 lbs.; f. 150 lbs.; cons. day, 2,300,000 gals.; cost, \$700,000; cost mtce., \$51,476; wks. owned by city.

MARIETTA, p. 14,000; f. area, 4 m.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. triple pump. & comb. eng., 2 str., 8 c. hand ex., 1 aer. h. & 1 trk., 1 hose wag. in reserve, 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 24 bx.; val. equip., \$8,000; val. bldgs., \$6,500; exp.

dept., \$6,497; tot. mem., 12, pd. full time; undra. rating, fourth class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav., pump to res.; res. cap., 1,500,000 gals., loc. on hill northwest city; 2 pump. eng., class cent., cap. day 8,000,000 gals.; mains, c. i., 28 m., 4 to 20 in. dia.; 250 hyd.; 280 v.; 500 met.; 3,175 serv.; pipe, lead; pres., dom. 85 lbs.; f. 85 lbs.; cons. day, 2,500,000 gals.; cost, \$267,146; cost mtce., \$16,000; wks. owned by city.

MARION, p. 18,232; f. area, 2,200 a.; merc. bldgs., stn., bk. & wd., 2 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 str., 1 h. & 1 trk., 8 c. hand ex., 1 hose cart; 3 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 800 ft.; tot. hose, 5,300 ft.; f. al., Gamewell, 43 bx.; val. equip., \$32,000; val. bldgs., \$37,500; exp. dept., \$12,000; tot. mem., 22, pd. full time 13, pd. part time 1, vol. 8; undra. rating, fourth class.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 330,000 gals., dim. 30 x 90, mat., stil.; res. cap., 2,000,000 gals.; mat., conc.; 2 pump. eng., class dup. comp., cap. day 8,000,000 gals.; mains, c. i., 85 7-30 m., 4 to 16 in. dia.; 416 hyd.; 496 v.; 2,170 met.; 2,564 serv.; pipe, galv., c. i. & lead; pres., dom. 40 to 45 lbs.; f. 60 to 110 lbs.; cons. day, 1,599,022 gals.; wks. owned by Co.

MARSHALVILLE, p. 294. F. dept.—1 gas. eng., 10 c. hand ex., 1 hose wag., 700 ft. hose; f. al., bell; val. equip., \$2,000; val. bldgs., \$600; exp. dept., \$100; tot. mem., 15 vol.

MARTINS FERRY, p. 9,133; f. area, 350 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 auto. hose trk., 1 hose wag.; hose, cot., rub. lined, gd., 3,600 ft.; inf., 1,000 ft.; tot. hose, 4,600 ft.; f. al., Gamewell, 26 bx.; val. equip., \$7,000; val. bldgs., \$15,000; exp. dept., \$1,000; tot. mem., 90 vol.; undra. rating, fourth class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res. & dir.; res. cap., 2,500,000 gals.; 2 pump. eng., class comp. & trip., cap. day 6,500,000 gals.; mains, c. i., 17 m., 4 to 20 in. dia.; 107 hyd.; 282 v.; met., 80; 1,804 serv.; pipe, lead; pres., dom. 65 lbs.; f. 120 lbs.; cons. day, 2,500,000 gals.; cost, \$250,000; cost mtce., \$32,000; wks. owned by city.

MARYSVILLE, p. 3,576; f. area, 1,200 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 1 comb. c. & h. wag., 1 h. & 1 trk., 8 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 2,600 ft.; rub. gd., 500 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., telp, 35 bx.; val. equip., \$12,000; val. bldgs., \$6,000; exp. dept., \$2,000; tot. mem., 18, pd. full time 2, vol. 16; undra. rating, fourth class.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., pump dir.; 2 pump. eng., class comp., cap. day 1,500,000 gals.; mains, c. i., 9 m., 4 to 12 in. dia.; 93 hyd.; 57 v.; met., 6; 583 serv.; pipe, galv. i. & lead; pres., dom. 60 lbs.; f. 100 lbs.; cons. day, 870,000 gals.; cost, \$115,000; cost mtce., \$6,800; wks. owned by Co.

MASSILLON, p. 13,879; f. area, 1,280 a.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 comb. c. & h. wag., 1 c. eng., 4 c. hand ex., 1 h. & 1 trk., 6 hose car., 5 hrs.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 3,000 ft.; tot. hose, 3,500 ft.; f. al., Gamewell, 26 bx.; val. equip., \$5,000; val. bldgs., \$15,000; exp. dept., \$6,000; tot. mem., 60, pd. full time 5, vol. 55; undra. rating, fourth class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 550,000 gals., dim. 25 x 150; mat., iron; res. cap., 25,000,000 gals., loc. 60 ft. above center city; pump. eng., class comp., cap. day 4,500,000 gals.; mains, c. i., 30 m., 4 to 16 in. dia.; 310 hyd.; 231 v.; 920 met.; 8,010 serv.; pipe, galv. i.; pres., dom. 80 lbs.; f. 110 lbs.; cons. day, 900,165 gals.; wks. owned by Co.

MAUMEE, p. 2,307; f. area, 700 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 gasoline eng., 1.

hose reel; hose, 1,400 ft.; f. al., telp.; val. equip., \$4,000; val. bldgs., \$1,000; 30 vol.; undrs. rating, fifth class.

Water Supply—Src., Maumee riv., through canal, cisterns in bus. section of town.

MECHANICSBURG, p. 1,446; f. area, 600 a.; merc. bldgs., bk. & conc., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 gasoline eng., 1 c. eng., 15 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf., 400 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$900; tot. mem. 13, pd. full time 1, pd. part time 12; undrs. rating, fourth class.

Water Supply—Src., 4 cisterns, daily cap. 1,900 bbls.

MEDINA, p. 2,734; f. area, 175 a.; merc. bldgs., bk., 3 stor.; priv., bk., stn. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 c. eng., 6 c. hand ex., 1 hose wag., 1 hose reel, 1 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 200 ft.; inf., 400 ft.; tot. hose, 1,600 ft.; f. al., telp.; val. equip., \$4,000; val. bldgs., \$4,000; exp. dept., \$600; tot. mem. 26, pd. part time 2, vol. 24; undrs. rating, fourth class.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 14 x 90; 2 pump. eng.; class, trip.; cap. day, 250,000 gals.; mains, c. l., 12 m., 4 to 8 in. dia.; 53 hyd.; 60 v.; met., 500; 600 serv.; pipe, lead; pres., dom. & f. 40 lbs.; cons. day, 110,000 gals.; wks. owned by city.

MENDON, p. 621. F. dept.—2 c. eng., 1 hand eng., 12 hand ex., 1 h. & l. trk., 1 hose reel, 550 ft. hose; f. al., bell.

METAMORA, p. 500. F. dept.—1 c. eng., 8 c. hand ex., 200 ft. hose; f. al., bell; 15 part pd. men.

MIAMISBURG, p. 4,271; f. area, 960 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 600 ft.; tot. hose, 2,600 ft.; f. al., bell & wh.; val. equip., \$8,000; val. bldgs., \$2,000; exp. dept., \$1,800; tot. mem. 28, pd. full time 1, vol. 17; undrs. rating, fifth class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 2,000,000 gals.; class comp. dup.; mains, iron, 13 m., 4 to 14 in. dia.; 96 hyd.; 75 v.; 94 met.; 97 serv.; pipe, lead; pres., dom. 70 lbs.; f. 120 lbs.; cost, \$77,000; cost mtce., \$2,500; wks. owned by city.

MIDDLEPORT, p. 3,194; f. area, 200 a.; bldgs., bk. & wd., 1, 2 & 3 stor.; wd. rfs. perm.; combt. ord. F. dept.—1 str., 1 hand eng., 2 hose wag.; hose, cot., rub. lined, gd., 3,000 ft.; rub., gd., 3,000 ft.; tot. hose, 6,000 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$100; tot. mem. 36, pd. part time 1, vol. 35; undrs. rating, fourth class.

Water Supply—Src., riv.; sys., pump to res. & dir.; stdp. cap., 250,000 gals.; res. cap., 250,000 gals.; mains, 4 m.; 23 hyd.; met., 352; pres., dom. 107 lbs.; f. 107 lbs.; cons. day, 180,000 gals.; cost, \$80,000; cost mtce., \$2,500; wks. owned by Co.

MIDDLETOWN, p. 13,152; f. area, 1,700 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—6 c. hand ex., 1 aer. trk., 3 hose wag., 7 hrs.; hose, rub. lined, gd., 5,000 ft.; f. al., Gamewell, 38 bx.; val. equip., \$8,000; val. bldgs., \$10,000; exp. dept., \$7,000; tot. mem. 10, pd. full time; undrs. rating, fourth class.

Water Supply—Src., well, 1,000 ft. bus. cent.; sys., pump dir.; pump. eng., cap. day 8,000,000 gals.; mains, c. l., 27 m., 4 to 6 in. dia.; 253 hyd.; 70 v.; 250 met.; 1,600 serv.; pipe, lead; pres., dom. 50 lbs.; f. 150 lbs.; cost, \$265,000; cost mtce., \$5,000; wks. owned by city.

MILAN, p. 696; f. area, 10 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 800 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$100; tot. mem., 6 vol.; undrs. rating, 4½ class.

Water Supply—Src., spr.; sys., pump dir.; res. cap., 1,500,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 2¼ m., 4 to 8 in. dia.; 18 hyd.; 13 v.; 70 serv.; pres., dom. 40 lbs.; f. 80 to 100 lbs.; cons. day, 40,000 gals.; cost, \$25,000; cost mtce., \$2,500; wks. owned by town.

MILFORD, p. 1,321. F. dept.—Not reported.
Water Supply—Src., 3 wells, situated ½ m. bus. cent.; sys., dir. pres.; stdp. cap., 100,000 gals.; dim. 14 x 81; mat., conc. & stl.; 1 pump. eng., class dup.; mains, c. l., 3½ m., 4 to 10 in. dia.; 40 hyd.; 40 v.; met., 4; 170 serv.; pipe, galv. l.; pres., dom. 95 to 100 lbs.; f. 140 lbs.; cons. day, 60 to 1,000 gals.; cost, \$25,000; cost mtce., \$1,000; wks. owned by city.

MILFORD CENTER, p. 685; f. area, 180 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp.; val. equip., \$1,000; val. bldgs., \$1,500; tot. mem., 18 vol.; undrs. rating, fifth class.

Water Supply—Src., spr., in bus. cent.; sys., dir. pres.; 2 pumps, cap. day 4,000,000 gals.; class horizontal dup.; mains, 1½ m., 4 to 8 in. dia.; 14 hyd.; pres., dom. 20 lbs.; f. 100 lbs.; cost, \$13,500; cost mtce., \$5,000; wks. owned by city.

MILLERSBURG, p. 2,020; f. area, 300 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hand eng., 4 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; rub., gd., 400 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$25,000; tot. mem., 38 vol.; undrs. rating, fourth class.

Water Supply—Src., well, ½ m. bus. cent.; sys., pump to res. & dir.; res. cap., 30,000 gals.; 2 pump. eng., class comp.; cap. day, 500,000 gals.; mains, c. l., 4½ m., 4 to 10 in. dia.; 52 hyd.; 26 v.; met., 3; 570 serv.; pipe, wrt. l. & lead; pres., dom. & f. 80 lbs.; cons. day, 500,000 gals.; cost, \$60,000; cost mtce., \$4,500; wks. owned by city.

MINERAL CITY, p. 1,032. F. dept.—1 h. eng., 1 h. & l. trk., 500 ft. hose; mem. 12, pd. part time; undrs. rating, 4½ class.

Water Supply—Sys., grav.; 2 pumps; pres., 50 to 100 lbs.; hyd., 30; mains, 5 m.

MINERVA, p. 1,396; f. area, 450 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—4 c. hand ex., 2 hose wag., ladders, &c., 2 hose car.; hose, rub. gd., 950 ft.; inf., 300 ft.; tot. hose, 1,250 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$600; tot. mem., 16 vol.; undrs. rating, fourth class.

Water Supply—Src., well & creek; sys., pump to stdp.; stdp. cap., 63,000 gals.; pump. eng., cap. day 1,350,000 gals.; mains, c. l., 3 m., 4 to 8 in. dia.; 29 hyd.; 18 v.; 193 serv.; pres., dom. 65 lbs.; f. 72 lbs.; cost, \$16,000; cost mtce., \$750; wks. owned by city.

MINGO JUNCTION, p. 4,949; f. area, 1,500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 hose car.; hose, cot., rub. lined, gd., 1,350 ft.; f. al., bell; val. bldgs., \$600; tot. mem., 75 vol.; undrs. rating, fourth class.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to res. & dir.; mat., bk. & cem.; res. cap., 750,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 15 m., 2 to 8 in. dia.; 22 hyd.; met., 80; 60 serv.; pres., dom. 120 lbs.; f. 120 lbs.; cons. day, 500,000 gals.; cost, \$60,000; cost mtce., \$4,000; wks. owned by Co.

MINSTER, p. 1,583; f. area, 960 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 hand eng., 10 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; fair, 1,000 ft.; tot. hose, 3,000 ft.; f. al., bell & telp.; exp. dept., \$60; tot. mem., 97 vol.; undrs. rating, fifth class.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; mat., stl.; res. cap., 275,000 gals.; 2 pump. eng.; cap. day, 1,000,000 gals.; mains, c. l., 5½ m., 4 to 8 in. dia.; 96 hyd.; 30 v.; 75 met.; 75 serv.; pres., dom. 60 lbs.; f. 100 lbs.; cons. day, 100,000 gals.; cost, \$48,000; wks. owned by city.

MONROEVILLE, p. 1,152; f. area, 1 sq. m.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.;

wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 c. hand ex., 4 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 1,000 ft.; inf., 200 ft.; tot. hose, 2,400 ft.; f. al., bell & wh.; val. equip., \$25,000; val. bldgs., \$3,000; exp. dept., \$200; tot. mem., 16 vol.; undrs. rating, fourth class.

Water Supply—Src., riv., 20 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 93,000 gals.; mains, 5 m.; 35 hyd.; pres., dom. 50 lbs. f. 85 lbs.; cons. day, 150,000 gals.; cost, \$35,000; cost mtce., \$2,100; wks. owned by town.

MONTPELIER, p. 2,759; f. area, 460 a.; merc. bldgs., bk. & wd., 2 stor.; priv., 1½ & 2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 12 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$500; exp. dept., \$140; tot. mem. 20, pd. part time; undrs. rating, fourth class.

Water Supply—Src., well, ¾ m. bus. cent.; sys., pump to stdp.; stdp. cap., 93,000 gals., dim. 12 x 110, loc. at power house; mat., iron; 2 pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. i., 5½ m., 4 to 12 in. dia.; 35 v.; 85 hyd.; 720 serv.; 280 met.; pipe, galv. i.; pres., dom. 47 lbs.; f. 80 to 100 lbs.; cons. day, 300,000 gals.; cost, \$52,000; wks. owned by city.

MORROW, p. 832. F. dept.—1 str., 1 h. & l. trk., 1,600 ft. hose; vol.; undrs. rating, fifth class.

Water Supply—Src., riv. & cisterns; R. R. water cranes of C. & M. V. R. R. Co. & cranes of P. C. C. & St. L. Ry. Co.

MT. GILEAD, p. 1,673; f. area, 500 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—3 ladders 1 dozen buckets, 8 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$2,000; exp. dept., \$200; tot. mem. 20, pd. part time; undrs. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav. to res., pump to stdp.; stdp. cap., 60,000 gals., dim. 25 x 20, loc. highest point city; mat., iron; res. cap., 60,000 gals., loc. on low ground; 2 pump. eng., cap. day 750,000 gals.; mains, c. i., 5 1-3 m., 4 to 10 in. dia.; 50 hyd.; met., 95; 175 serv.; pipe, galv. i.; pres., dom. 80 to 85 lbs.; f. 80 to 100 lbs.; cost, \$50,000; wks. owned by Co.

MT. HEALTHY, p. 1,799; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 4 c. eng., 1 h. & l. trk., 4 ex., 3 hose carts, 3 hose wag.; hose, 1,150 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,800; tot. mem., 18 vol.

Water Supply—Src., cisterns, wells & Ohio riv.; sys., pump; 54 hyd.; 8 m. mains, 4 to 8 in. dia.

MT. ORAB, p. 539. F. dept.—1 comb. hand & gasoline eng., 1 ladder trk., 1 hose cart, 2 c. hand ex., 1,500 ft. hose; f. al., bell; 22 vol.

MT. STERLING, p. 1,071; f. area, 300 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; val. equip., \$2,400; tot. mem., 20 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, 4 sq. bus. cent.; sys., pump to res.; res. cap., 3,500 bbls.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 3 m., 4 to 8 in. dia.; 28 hyd.; 40 serv.; pres., dom. 60 to 70 lbs.; f. 90 to 100 lbs.; cost, \$15,000.

MT. VERNON, p. 9,087; f. area, 1,280 a.; merc. bldgs., bk., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 2 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., tel., 18 bx.; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$6,000; tot. mem. 6, pd. full time; undrs. rating, fourth class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 210,000 gals.; mat., iron; 2 pump. eng., class comp., cap. day 5,000,000 gals.; mains, c. i., 18 m., 4 to 12 in. dia.; 145 hyd.; 1,600 serv.; pipe, galv. & wrt. i.; pres., dom. 90 to 100 lbs., f. 90 to 100 lbs.; cons. day, 1,500,000 gals.; cost, \$155,200; cost mtce., \$12,000; wks. owned by city.

MT. VICTORY, p. 740. F. dept.—1 gasoline eng., 1 comb. c. & hand eng., 12 c. hand ex., 1 h. & l. trk., 1 hose wag., 1,000 ft. hose; f. al., bell; vol.

MURRAY, p. 1,886; bldgs., bk. & wd. F. dept.—1 c. eng., 1 h. & l. trk., 3 hose reels; hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$1,410; val. bldgs., \$200; exp. dept., \$122; tot. mem., 12 vol.; undrs. rating, 4½ class.

Water Supply—Src., 6 wells; sys., pump; 1 storage tk., cap. 120,000 gals.; pres., 90 to 120 lbs.; 18 hyd.

NAPOLEON, p. 4,007; f. area, 750 a.; merc. bldgs., bk., 1 to 8 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 1 h. & l. trk., 8 c. hand ex., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 150 ft.; tot. hose, 2,550 ft.; f. al., tel., bell & wh.; val. equip., \$6,500; val. bldgs., \$7,000; exp. dept., \$1,800; tot. mem., 16, pd. full time 1, pd. part time 15, vol.; undrs. rating, fourth class.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 992,000 gals., dim. 20 x 120, loc. at station; mat., stl.; 2 pump. eng., class vertical dup., cap. day 2,000,000 gals.; mains, c. i., 11 m., 4 to 14 in. dia.; 101 hyd.; 29 v.; met., 102; 495 serv.; pipe, lead & galv. i.; pres., dom. 45 lbs., f. 120 lbs.; cons. day, 282,000 gals.; cost, \$103,000; cost mtce., \$14,000; wks. owned by city.

NAVARRE, p. 1,357; bldgs., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area. F. dept.—2 hand eng., 1 str., 1 c. eng., 20 hand ex., 1 h. & l. trk., 1 hose car.; hose, rub., gd., 900 ft. (in reserve 500 ft.); tot., 1,400 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$2,500; tot. mem. 15, pd. part time; undrs. rating, fifth class.

Water Supply—Not reported.

NELSONVILLE, p. 6,082; f. area, 2,500 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., wh. & bell; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$108; tot. mem. 9, pd. full time 3, pd. part time 6; undrs. rating, fourth class.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to res. & dir.; res. cap., 800,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 8 m., 4 to 12 in. dia.; 92 hyd.; met., 13; 320 serv.; pipe, galv. i.; pres., dom. 110 lbs., f. 150 lbs.; cost, \$77,287; cost mtce., \$690; wks. owned by city.

NEVADA, p. 889; f. area, 300 a.; merc. bldgs., bk., 1 to 2 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, rub., gd., 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$2,500; vol.

Water Supply—Src., priv. wells & town cisterns.

NEWARK, p. 25,404; f. area, 3,200 a.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 comb. c. & h. wag., 1 comb. h. & l. trk. & c. eng., 8 c. eng., 1 hose reel, 8 c. hand ex., 1 chief's auto., 10 hrs.; hose, cot., rub. lined, gd., 6,550 ft., in reserve 500 ft.; f. al., Gamewell, 29 bx.; val. equip., \$27,000; val. bldgs., \$26,000; exp. dept., \$23,357; tot. mem. 22, pd. full time; undrs. rating, third class.

Water Supply—Src., riv., 2 m. bus. cent.; sys., pump dir.; res. cap., 3,500,000 gals., loc. 263 ft. above city grade; 2 pump. eng., class comp. dup., size 16 x 36, cap. day 10,000,000 gals.; mains, c. i., 76.5 m., 4 to 16 in. dia.; 711 hyd.; 793 v.; met., 2,500; 4,258 serv.; pipe, galv. i.; pres., dom. 110 lbs., f. 110 lbs.; cons. day, 2,500,000 gals.; cost, \$545,000; wks. owned by city.

NEW BERLIN, p. 865. F. dept.—1 h. & l. trk., 1 hand eng., 1 c. eng., 12 leather buckets, 400 ft. hose; f. al., wh.; tot. mem. 21, part pd. mem.

NEW BREMEN, p. 1,586; f. area, 500 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 4 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$6,000;

exp. dept., \$162; tot. mem., 100 vol.; undrs. rating, fourth class.

Water Supply—Src., artesian wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 40,000 gals., dim. 18 x 17 ft.; mat., sheet sil.; res. cap., 250,000 gals.; 2 pumps, cap. day 500,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 43 hyd.; met., 72; 170 serv.; pipe, galv. l.; pres., dom. 48 lbs., f. 120 lbs.; cons. day, 44,182 gals.; cost, \$30,000; cost mtce., \$1,400; wks. owned by Co.

NEWBURGH, p. 5,816. F. dept.—1 hose wag., 1,200 ft. hose; val. equip., \$100; vol. Water Supply—Src., Lake Erie.

NEW CARLISLE, p. 1,058. F. dept.—1 str., 1 h. & l. trk., 1,500 ft. hose; tot. mem. 20, pd. part time; undrs. rating, fifth class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; 2 pump. eng., class trip.; pres., dom. 60 lbs., f. 70 lbs.; cost, \$25,000; wks. owned by city.

NEWCOMERTOWN, p. 2,948; f. area, 400 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand & c. eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; rub. gd., 500 ft.; tot. hose, 1,700 ft.; f. al., bell & wh.; val. equip., \$1,700; tot. mem. 50, pd. part time 1, vol. 49; undrs. rating, fourth class.

Water Supply—Sys., grav., pump to res.; res. cap., 2,500,000 gals.; 2 pump. stations; mains, 7 m.; 56 hyd.; 170 serv.; pres., dom. 108 lbs., f. 120 lbs.; cost, \$75,000; wks. owned by Co.

NEW HOLLAND, p. 804; f. area, 75 a.; merc. bldgs., bk. 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 ladder wag., 1 hose wag.; hose, rub., gd., 200 ft.; val. equip., \$2,500; vol. 20.

NEW LEXINGTON, p. 2,559; f. area, 200 a.; merc. bldgs., conc. & bk., 2 & 3 stor.; priv., stn., wd. & bk., 2 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—2 c. eng., 1 hand eng., 15 c. hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; val. equip., \$3,400; tot. mem., 40 vol.; undrs. rating, fifth class.

Water Supply—Src., 10 large cisterns & spr.

NEW LONDON, p. 1,557; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 c. eng., 12 c. hand ex., 2 hose car.; hose, rub., gd., 900 ft.; inf., 300 ft.; tot. hose, 1,200 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$3,500; exp. dept., \$200; tot. mem., 12, pd. part time; undrs. rating, fifth class.

Water Supply—3 cisterns.

NEW MATAMORAS, p. 711. F. dept.—2 hose carts, 900 ft. hose; f. al., bell; 38 vol.

NEW PARIS, p. 870; f. area, 300 a.; merc. bldgs., mostly wd., 2 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—4 c. hand ex., 1 h. & l. trk.; val. equip., \$400; val. bldgs., \$100; exp. dept., \$50; tot. mem., 15 vol.

Water Supply—Src., wells.

NEW PHILADELPHIA, p. 8,542; f. area, 1,000 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 2 h. & l. trk., 8 hose car.; hose, cot., rub. lined, gd., 3,100 ft.; rub. gd., 8,000 ft.; inf., 100 ft.; tot. hose, 8,200 ft.; f. al., bell; val. equip., \$3,067; val. bldgs., \$8,000; exp. dept., \$1,500; tot. mem., 70 vol.; undrs. rating, fourth class.

Water Supply—Src., wells & riv.; sys., pump to res.; res. cap., 2,000,000 gals., loc. 1 m. city; 2 pump. eng., cap. day 4,500,000 gals.; mains, 12 m., 6 to 12 in. dia.; 120 hyd.; 50 v.; met., 20; pres., dom. 100 lbs., f. 100 lbs.; cost, \$100,000; wks. owned by Co.

NEW RICHMOND, p. 1,738; f. area, 750 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 hand eng., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; exp. dept., \$385; tot. mem., 20 vol.; undrs. rating, fourth class.

Water Supply—Src., riv. & cisterns; sys., grav.

& pump to res.; res. cap., 750,000 gals.; mains, 6 m., 4 to 10 in. dia.; 50 hyd.; pres., f. 80 lbs.

NEW STRAITSVILLE, p. 2,242; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 20 c. hand ex., 2 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$6,000; exp. dept., \$125; tot. mem., 12 vol.; undrs. rating, fifth class.

NEW VIENNA, p. 793. F. dept.—1 h. & l. trk., 2 hose reels, 2 c. hand ex., 1,000 ft. hose; f. al., bell; 15 part pd. men.

NEW WASHINGTON, p. 889. F. dept.—1 gas eng., 1 c. eng., 1 c. hand ex., 2 hose wag.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 300 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$2,000; exp. dept., \$200; tot. mem., 45 vol.

NEWTON FALLS, p. 757; f. area, 500 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$150; tot. mem., 12 vol.

Water Supply—Src., riv., cisterns & well; 30 hyd.; pres., 60 to 67 lbs.

NILES, p. 8,361; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 1,700 ft.; inf., 500 ft.; tot. hose, 2,300 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$8,000; exp. dept., \$1,200; tot. mem., 12 vol.; undrs. rating, fourth class.

Water Supply—Src., Mahoning riv., 3 blocks bus. cent.; sys., pump to res. & dir.; res. cap., 500,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, iron, 23 m., 4 to 14 in. dia.; 180 hyd.; 50 v.; 110 met.; 1,320 serv.; pipe, lead; pres., f. 90 lbs.; cost, \$160,000; cost mtce., \$1,500; wks. owned by city.

NORTH BALTIMORE, p. 2,508; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str. trk., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,300 ft.; inf., 700 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$3,786; val. bldgs., \$6,000; exp. dept., \$347; tot. mem., 27 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 166,400 gals.; dim., 16 x 110; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day, 2,000,000 gals.; mains, c. l., 6¼ m., 4 to 12 in. dia.; 80 hyd.; 33 met.; 175 serv.; pres., dom. 45 lbs., f. 60 lbs.; cons. day, 150,000 gals.; cost, \$60,000; wks. owned by priv. Co.

NORTH LEWISBURG, p. 798; f. area, 600 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str. eng., 2 comb. c. & h. wag., 1 h. & l. trk., 6 c. hand ex.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,600; val. bldgs., \$500; exp. dept., \$100; tot. mem., 20 vol.

Water Supply—Src., strn. & 2 cisterns.

NORWALK, p. 7,858; f. area, 1,500 a.; merc. bldgs., bk., 2 to 5 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 10 c. hand ex., 1 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., wh. & bell; val. equip., \$25,000; val. bldgs., \$12,500; exp. dept., \$7,500; tot. mem. 23, pd. full time 5, pd. part time 18; undrs. rating, fourth class.

Water Supply—Src., res. & riv., 1½ m. bus. cent.; sys., pump dir.; stdp. cap., 531,000 gals.; res. cap., 510,000,000 gals.; 2 pump. eng., cap. day 7,500,000 gals.; mains, c. l., 29¼ m., 4 to 16 in. dia.; 208 hyd.; 98 v.; met., 50; 1,500 serv.; pipe, galv. l. & lead; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 2,000,000 gals.; cost, \$275,000; cost mtce., \$5,500; wks. owned by city.

NORWOOD, p. 16,185; f. area, 700 a.; merc. bldgs., bk., 2 to 5 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfa. perm.; combt. ord.; causes of f. inv. F. dept.—1 str., 2 hose wag., 1 auto. comb. c. & h. wag., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 6 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell, 81 bz.; val. equip., \$16,840; val. bldgs., \$15,000; exp. dept., \$8,000; tot. mem. 14, pd. full time; undra. rating, fourth class.

Water Supply—Artesian wells; 254 hyd.

OAK HARBOR, p. 1,800; f. area, 1 m.; merc. bldgs., bk. & stn., 2 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 2 c. eng., 2 hose car.; hose, cot., lined, gd., 1,400 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$1,000; exp. dept., \$300; tot. mem., 18, pd. full time 2, pd. part time 16; undra. rating, fourth class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals., dim. 18 x 29; mat., stl.; res. cap., 250,000 gals.; 2 pump. eng., cap. day 43,200 gals.; mains, 7 m., 4 to 10 in. dia.; 38 hyd.; 48 v.; met., 200; pres., dom. 40 lbs.; f. 100 lbs.; cost, \$23,000; cost mtce., \$600; wks. owned by city.

OAKWOOD, p. 358. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 2 hose carts, 1,500 ft. hose; f. al., bell; 20 part pd. mem.

OBERLIN, p. 4,365; f. area, 2,600 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 1 f. patrol wag., 1 hose reel, 1 hose wag., 4 hrs.; hose, cot., rub. lined, 2,700 ft.; f. al., telp.; val. bldgs., \$1,800; exp. dept., \$1,200; tot. mem., 25, pd. full time 1, vol., 24; undra. rating, fourth class.

Water Supply—Src., riv., 6 m. bus. cent.; sys., pump to stdp.; stdp. cap., 66,000 gals., dim. 18 x 35; mat., stl. & stn.; res. cap., 15,000,000 gals., loc. near station; 2 pump. eng., class 1 dup. & 1 dup. comp., cap. day 2,000,000 gals.; mains, c. i., 11 m., 4 to 8 in. dia.; 108 hyd.; 78 v.; met., 806; 1,054 serv.; pipe, lead & galv. l.; pres., dom. 80 lbs., f. 75 lbs.; cons. day, 284,000 gals.; cost, \$126,592; cost mtce., \$7,254; wks. owned by town.

OHIO CITY, Van Wert Co., p. 860; merc. bldgs., bk., 2 stor.; priv., wd., 1 to 2 stor.; wd. rfa. not perm. in f. area. F. dept.—1 hand eng., 2 hose carts, 2 hand ex.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,500; exp. dept., \$150; tot. mem., 40 vol.

OLD FORT, p. 171. F. dept.—1 c. eng., 4 c. hand ex., 100 ft. hose; vol.

ORRVILLE, p. 3,101; f. area, 300 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 6 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.; val. equip., \$4,500; exp. dept., \$300; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; pump. eng., cap. day 1,500,000 gals.; mains, c. i., 6½ m., 4 to 10 in. dia.; 45 hyd.; 33 v.; 850 serv.; pipe, galv. l.; pres., dom. 65 lbs., f. 100 lbs.; cost, \$25,000; cost mtce., \$1,350; wks. owned by village.

OSBORN, p. 866; bldgs., bk. & wd., 1 & 2 stor. F. dept.—1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 900 ft.; vol.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., pump to stdp., dim. 10 x 12½; mat., iron; 2 pump. eng.; mains, 3 m., 8 in. dia.; 32 hyd.; 60 met.; 220 serv.; pipe, galv. l.; pres., dom. 60 lbs.; cons. day, 40,000 gals.; cost, \$8,000; wks. owned by village.

OTTAWA, p. 2,182; f. area, 458 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfa. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 1 water tower, 4 c. hand ex., 1 h. & l. trk., 3 hose car., 8 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 500 ft.; tot. hose, 1,700 ft.; f. al., bell & wh.; val. equip., \$7,000; val. bldgs., \$4,000; exp. dept., \$800; tot. mem., 50 vol.; undra. rating, fourth class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump dir.; stdp. cap., 80,000 gals., dim. 20

x 35; mat., stl.; res. cap., 100,000 gals.; 2 pump. eng., cap. day 75,000 gals.; mains, c. i., 5½ m., 4 to 10 in. dia.; 52 hyd.; 40 v.; met., 12; 87 serv.; pipe, lead; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 70,000 gals.; cost, \$48,000; cost mtce., \$2,700; wks. owned by city.

OTTOVILLE, p. 477. F. dept.—1 gasoline eng., 1 hand eng., 3 c. hand ex., 1,500 ft. hose; 15 vol.

OXFORD, p. 2,017; f. area, 640 a.; merc. bldgs., bk., stn. & iron, 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfa. perm. F. dept.—1 str., 1 c. eng., 1 hand eng., 4 c. hand ex., 2 h. & l. trk., 3 hose car., 2 hrs.; hose, gd., 2,000 ft.; inf., 300 ft.; tot. hose, 2,300 ft.; f. al., bell, 8 bz.; val. equip., \$8,288; val. bldgs., \$10,000; exp. dept., \$1,000; tot. mem., 22 vol.; undra. rating, fourth class.

Water Supply—Src., 9 wells, 1 m. bus. cent.; sys., pump dir.; 2 pump. eng., class comp. dup., cap. day 1,500,000 gals.; mains, c. i., 8 m., 4 to 10 in. dia.; 72 hyd.; met., 190; 547 serv.; pipe, lead & iron; pres., dom. 50 lbs., f. 90 lbs.; cons. day, 90,700 gals.; cost, \$42,000; wks. owned by city.

PAINESVILLE, p. 5,501; f. area, 1,500 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. eng., 1 comb. c. & h. wag., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 8 hose car., 5 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., bell & telp.; val. equip., \$11,000; val. bldgs., \$10,000; tot. mem. 25, pd. full time 2, pd. part time 10, vol. 13.

Water Supply—Src., lake, 4 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 200,000 gals., dim. 20 x 75; mat., boiler l.; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 25 m., 4 to 14 in. dia.; 130 hyd.; 167 v.; 1,475 met.; 1,477 serv.; pipe, galv. l.; pres., dom. 45 lbs., f. 75 to 80 lbs.; cons. day, 1,200,000 gals.; cost, \$175,000; cost mtce., \$13,500; wks. owned by city.

PATASKALA, p. 800. F. dept.—1 h. eng., 1 c. ex., 1 h. & l. trk., 300 ft. hose; tot. mem. 61; pd. l., vol. 60; f. al., bell; undra. rating, fifth class.

Water Supply—Wells & cisterns.

PAULDING, p. 2,081; f. area, 160 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 6 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$4,000; tot. mem. 30, pd. part time; undra. rating, fourth class.

Water Supply—Src., wells, 4 blocks bus. cent.; sys., pump dir.; stdp. cap., 76,000 gals.; dim., 24 x 24; mat., stl.; res. cap., 100,000 gals.; 2 pump. eng., class comp.; cap. day, 1,500,000 gals.; mains, c. i., 4½ m., 4 to 12 in. dia.; 45 hyd.; 22 v.; met., 75; 250 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 80,000 gals.; cost, \$40,000; cost mtce., \$4,000; wks. owned by city.

PAYNE, p. 1,207; f. area, 200 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. rfa. perm.; causes of f. inv. F. dept.—1 hand eng., 20 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 400 ft.; rub., gd., 600 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., wh. & bell; val. equip., \$2,500; val. bldgs., \$150; exp. dept., \$150; tot. mem., 18 vol.; undra. rating, fifth class.

Water Supply—Src., 16 cisterns; sys., stdp., cap. 52,000 gals.; 34 hyd.

PEEBLES, p. 921. F. dept.—1 str., 2 c. eng., 1,000 ft. hose; vol.

PEMBERVILLE, p. 1,006; bldgs., wd. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 4 hand ex., 2 hose car.; hose, 1,000 ft.; f. al., bell; tot. mem., 20 vol.; undra. rating, fifth class.

Water Supply—Src., cisterns, grav. & riv.; pres., 90 lbs.

PERRYBURG, p. 1,913; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., elec.; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$250; tot. mem., 12 vol.; undra. rating, fifth class.

Water Supply—Src., riv., wells & cisterns.

PERRYVILLE, p. 541. F. dept.—700 ft. hose, 2 hose carts; undra. rating, 4½ class.

Water Supply—Src., wells, 500 ft. bus. cent.; sys., pump to res.; res. cap., 2,800 bbls., loc. 800 ft. northeast village; pump. eng., cap. day 1,000 bbls.; mains, iron, 1 4-5 m., 6 in. dia.; 21 hyd.; 9 v.; met., 20; 75 serv.; pipe, galv. i.; pres., dom. & f. 70 to 90 lbs.; cost, \$8,000; cost mtce., \$300; wks. owned by village.

PIKETON, p. 668. F. dept.—1 h. eng., 1 c. eng., 1 c. ex., 500 ft. hose; f. al., bell; 16 vol.

Water Supply—Src., riv. & cisterns.

PIONEER, p. 660. F. dept.—1 hand eng., 3 c. hand ex., 1 ladder trk., 1 hose trk., 2,000 ft. hose; f. al., bell; 25 part pd. men.

PIQUA, p. 13,888; f. area, 2,000 a.; merc. bldgs., stn. & bk., 1 to 5 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 str., 1 h. & 1 trk., 2 comb. c. & h. wag., 1 c. eng., 8 c. hand ex., 1 aer. trk., 2 hose wag., 2 hose car., 9 hra.; hose, cot., rub. lined, gd., 4,000 ft.; rub. gd., 400 ft.; inf., 2,400 ft.; tot. hose, 6,800 ft.; f. al., Gamewell, 23 bx.; val. equip., \$35,000; val. bldgs., \$25,000; exp. dept., \$20,000; tot. mem. 14, pd. full time; undra. rating, third class.

Water Supply—Src., Erie canal, 1 m. bus. cent.; sys., pump dir.; 8 pump. eng., cap. day 6,500,000 gals.; mains, c. i., 28 m., 4 to 12 in. dia.; 213 hyd.; 101 v.; 1,630 serv.; pipe, lead & galv. i.; pres., dom. 40 lbs., f. 90 lbs.; cons. day, 1,500,000 gals.; cost, \$181,869; cost mtce., \$6,000; wks. owned by city.

PLAIN CITY, p. 1,407; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. eng., 4 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 1,000 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$2,500; exp. dept., \$100; tot. mem., 20 vol.; undra. rating, fourth class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump dir.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, c. i., 5½ m., 4 to 10 in. dia.; 83 hyd.; 4 met.; 300 serv.; pipe, lead; pres., dom. 45 lbs., f. 130 lbs.; cost, \$40,000; cost mtce., \$1,800; wks. owned by city.

PLEASANT HILL, p. 571. F. dept.—1 hand eng., 2 c. hand ex., 1 hose cart, 1 h. & 1 trk. & bucket trk., 500 ft. hose; f. al., bell; 31 part pd. men.

PLEASANT CITY, p. 788; f. area, 800 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 10 c. hand ex., 2 hose car., 8 ladders; hose, cot., rub. lined, gd., 600 ft.; inf., 200 ft.; tot. hose, 800 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$5,000; tot. mem., 8 vol.

PLYMOUTH, p. 1,814; bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 4 c. hand ex., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & telp.; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 20 vol.; undra. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 55,000 gals.; mat., stl., 2 pump. eng., cap. 370,000 gals. day; mains, 4½ m., 4 to 8 in. dia.; 45 hyd.; 28 v.; met., 135; 215 serv.; pres., dom. 75 lbs.; cons. day, 100,000 gals.; cost, \$24,000; wks. owned by city.

POMEROY, p. 4,023; f. area, 2,000 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 2 c. hand ex., 1 h. & 1 trk., 2 hose wag., 4 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 2,000 ft.; tot. hose, 3,800 ft.; f. al., bell; val. equip., \$11,000; val. bldgs., \$4,500; exp. dept., \$1,000; tot. mem. 90, pd. full time 5, vol. 85; undra. rating, fourth class.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., pump to res.; res. cap., 300,000 gals.; 3 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 8½ m., 4 to 8 in. dia.; 45 hyd.; 35 v.; met., 460; 600 serv.; pres., f. 115 lbs.; cons. day, 208,000 gals.; cost, \$37,000; wks. owned by Co.

PORT CLINTON, p. 3,007; f. area, 50 blocks; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 str., 1 hand eng., 1 h. & 1 trk., 3 hose reels; hose, rub. gd., 1,600 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$6,000; exp. dept., \$600; tot. mem. 30, pd. full time 1, vol. 29; undra. rating, fourth class.

Water Supply—Src., lake, ¼ m. bus. cent.; sys., pump dir. to mains; pump. eng., class comp., cap. day 2,000,000 gals.; mains, c. i., 9½ m., 6 to 14 in. dia.; 67 hyd.; 40 v.; 800 serv.; pipe, iron; pres., dom. 60 lbs., f. 115 lbs.; cons. day, 500,000 gals.; cost, \$43,000; cost mtce., \$5,500; wks. owned by city.

PORTSMOUTH, p. 23,481; f. area, 2,000 a.; merc. bldgs., stn., wd. & bk., 1 to 6 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 1 h. & 1 trk., 5 hose car., 12 hra.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 2,000 ft.; leather, 1,000 ft.; tot. hose, 7,000 ft.; f. al., Gamewell, 33 bx.; val. equip., \$25,000; val. bldgs., \$20,000; exp. dept., \$20,237.80; tot. mem. 18, pd. full time 14, pd. part time, 4; undra. rating, third class.

Water Supply—Src., riv.; sys., pump dir.; 3 pump. eng., cap. day 8,000,000 gals.; mains, c. i., 87 m., 4 to 16 in. dia.; 200 hyd.; 100 v.; 4,990 serv.; pipe, lead; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 2,500,000 gals.; cost, \$420,000; cost mtce., \$11,000; wks. owned by city.

PRAIRIE DEPOT, p. 815. F. dept.—1 hand eng., 1 hand hose reel; f. al., telp. & bell; 17 part pd. men.

PROSPECT, p. 945. F. dept.—1 h. eng., 1 c. eng., 1 h. & 1 trk.; hose, 2,200 ft.; vol.; f. al., bell; undra. rating, fifth class.

Water Supply—Src., wells; pump. eng., hand pumps.

QUINCY, p. 845; f. area, 600 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 1 h. & 1 trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,200; exp. dept., \$75 to \$100; tot. mem., 23, pd. full time 3, vol. 20.

QUAKER CITY, p. 746; f. area, 1 sq. m.; merc. bldgs., wd. & stn., 1 to 3 stor.; priv., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & 1 trk., 1 hose wag., 1 hose car.; f. al., bell; val. equip., \$500; val. bldgs., \$200; tot. mem., 50.

Water Supply—Src., creek & wells.

RAVENNA, p. 5,310; f. area, 970 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 1 hose reel, 4 hra.; hose, cot., rub. lined, gd., 2,600 ft.; f. al., telp.; val. equip., \$7,000; val. bldgs., \$3,000; exp. dept., \$800; tot. mem. 16, pd. part time; undra. rating, fourth class.

Water Supply—Src., lake & wells, 1½ m. bus. cent.; sys., pump dir.; pump. eng., cap. day 5,000,000 gals.; mains, 21 m., 4 to 16 in. dia.; 150 hyd.; 150 v.; 28 met.; 1,589 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 1,250,000 gals.; cost, \$174,772; cost mtce., \$9,000; wks. owned by town.

READING, p. 3,985; f. area, 640 a.; bldgs., stn., bk. & wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 400 ft.; tot. hose, 1,400 ft.; f. al., bell & wh.; val. equip., \$1,000; undra. rating, first class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res. & dir.; res. cap., 1,000,000 gals., loc. on hill near city; 3 pump. eng., class dup., cap. day 2,000,000 gals.; mains, c. i., 9 m., 3 to 10 in. dia.; 69 hyd.; 60 v.; met., 429; 429 serv.; pipe, lead & c. i.; pres., dom. & f. 90 lbs.; cons. day, 95,323 gals.; cost, \$35,000; cost of mtce., \$3,500; wks. owned by city.

REPUBLIC, p. 476. F. dept.—1 hand eng., 1 hose reel, 1 h. & 1 trk., 150 ft. hose; f. al., bell; 1 pd. man & vol.

RICHWOOD, p. 1,729; f. area, 66 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto., 1 str., 8 c. hand ex.

2 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 700 ft.; inf., 800 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$13,500; val. bldgs., \$10,000; tot. mem., 32, pd. full time 2, vol. 30; undra. rating, fifth class.

Water Supply—Src., wells.

RIDGEWAY, p. 427. F. dept.—1 comb. c. & pump. eng., ladders, 500 ft. hose; f. al., bell; vol.

RIPLEY, Brown Co., p. 1,840; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 25 ft. high.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 5 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 800 ft.; tot. hose, 1,500 ft.; f. al., bell; val. bldgs., \$3,000; exp. dept., \$2,500; tot. mem., 25, pd. part time; undra. rating, fourth class.

Water Supply—Src., riv., wells, 1½ m. bus. cent.; sys., grav., pump to res.; res. cap., 600,000 gals., loc. north of city; pump. eng., cap. day 500,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 82 hyd.; 89 v.; met., 103; 800 serv.; pipe, galv. i. & lead; pres., dom. 125 lbs.; f. 145 lbs.; cons. day, 200,000 gals.; cost, \$28,000; cost mtce., \$2,000; wks. owned by city.

RISING SUN, p. 599. F. dept.—1 gasoline reel, 1 hose reel, 1,000 ft. hose; f. al., bell; 22 vol.

ROCKFORD, p. 1,186; merc. bldgs., wd., 1½ & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 3 c. hand ex., 1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 400 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$1,000; tot. mem., 35 vol.; undra. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 73,865 gals.; dim., 11 x 98; mat., iron; res. cap., 36,300 gals.; 3 pump. eng., cap. day 750,000 gals.; mains, c. i., 2½ m., 4 to 8 in. dia.; 26 hyd.; 16 v.; 65 serv.; 140 met.; pipe, galv. i.; pres., dom. 48 lbs.; f. 150 lbs.; cons. day, 125,000 gals.; cost, \$25,000; cost mtce., \$1,400; wks. owned by city.

ROCKY RIVER, p. 1,174. F. dept. not reported. Water Supply—Src., riv.; stdp. cap., 182,000 gals., dim. 15 x 100; mat., stl.; res. cap., 182,000 gals.; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, iron, 3 m.; 11 hyd.; pipe, lead; pres., dom. & f. 43 to 86 lbs.; wks. owned by Co.

ROSEVILLE, Muskingum Co., p. 2,113; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 comb. gasoline eng., 1 hand eng., 18 c. hand ex., 3 ladders, 2 hose reels; hose, cot., rub. lined, gd., 1,800 ft.; f. al., elec., 20 bx.; val. equip., \$3,200; val. bldgs., \$1,500; tot. mem., 18 vol.; undra. rating, fifth class.

Water Supply—Src., wells & cisterns.

SABINA, p. 1,514; f. area, 100 a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 comb. c. & h. wag., 2 c. hand ex., 1 hose wag., 1 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$600; exp. dept., \$75; tot. mem., 12, pd. full time 1, vol. 11; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals.; pump. eng., cap. day 2,250,000 gals.; mains, 3 m., 4 to 8 in. dia.; 29 hyd.; 5 serv.; pres., dom. 50 lbs.; f. 50 to 90 lbs.; cons. day, 60,000 gals.; cost, \$20,000; wks. owned by town.

SALEM, p. 8,948; f. area, 1,300 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,550 ft.; f. al., bell & wh.; val. equip., \$17,000; val. bldgs., \$4,000; exp. dept., \$2,426; tot. mem., 100, pd. full time 2, vol. 98; undra. rating, fourth class.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 316,000 gals., dim. 25 x 85; mat., stl.; res. cap., 800,000 gals.; 3 pump. eng., class comp. dup., cap. day 3,000,000 gals.; mains, c. i., 24 m., 4 to 12 in. dia.; 220 hyd.; 152 v.; met., 127; 1,662 serv.; pipe, galv. i.;

pres., dom. 60 lbs.; f. 150 lbs.; cons. day, 600,000 gals.; cost, \$150,000; cost mtce., \$5,000; wks. owned by Co.

SALINEVILLE, p. 2,403; f. area, 300 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$250; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., wells; grav. sys., pump to res.; res. cap., 45,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 7 m., 4 to 8 in. dia.; 56 hyd.; pres., dom. 100 lbs.; f. 100 to 140 lbs.; cost, \$45,000; cost mtce., \$1,600; wks. owned by city.

SANDUSKY, p. 19,989; f. area, 4,529 a.; merc. bldgs., stn. & bk., 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 str., 8 c. hand ex., 1 h. & 1 trk., 1 aer. trk., 2 comb. c. & h. wag., 2 hose wag., 4 hose car., 20 hrs.; hose, cot., rub. lined, gd., 7,950 ft.; f. al., Gamewell, 44 bx.; val. equip., \$37,000; val. bldgs., \$50,000; tot. mem., 27; undra. rating, third class.

Water Supply—Src., lake, ¾ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 666,000 gals., dim. 185 x 25, loc. at station; mat., iron; 2 pump. eng., class dup., cap. day 17,500,000 gals.; mains, c. i., 45 m., 3 to 30 in. dia.; 344 hyd.; 377 v.; 3,664 met.; 4,985 serv.; pipe, lead & iron; pres., dom. 60 lbs.; f. 110 lbs.; cons. day, 4,887,621 gals.; cost, \$923,000; cost mtce., \$21,000; wks. owned by city.

SCIO, p. 958; f. area, 200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, 1,600 ft.; f. al., bell; tot. mem., 40 vol.; undra. rating, fourth class.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to res.; res. cap., 95,000 gals., loc. on hill near town; 1 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 4½ m., 4 to 8 in. dia.; 40 hyd.; 81 v.; met., 14; 180 serv.; pipe, galv. i. & lead; pres., dom. 100 lbs.; f. 100 lbs.; cons. day, 181,898 gals.; cost, \$54,500; cost mtce., \$1,300; wks. owned by Co.

SEBRING, p. 2,104; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 14 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; tot. mem., 15 vol.; undra. rating, fourth class.

Water Supply—Pres., dir. 80 to 120 lbs.; 41 hyd.; mains, 4 m., 4 to 6 in. dia.

SHANESVILLE, p. 350; f. area, 100 a. F. dept.—1 hand eng., 300 ft. hose; f. al., bell; val. equip., \$400; val. bldgs., \$200; exp. dept., \$10; tot. mem., 12 vol.

Water Supply—Src., wells & cisterns.

SHAWNEE, Perry Co., p. 2,280; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 h. & 1 trk., 5 c. ex., 8 hose car.; hose, rub., gd., 1,000 ft.; f. al., bell; val. equip., \$7,500; val. bldgs., \$1,500; exp. dept., \$150; tot. mem., 40 vol.; undra. rating, fifth class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 150,000 gals.; 24 hyd.; f. pres., 90 lbs.

SHELBY, p. 4,903; f. area, 3,840 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 6 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$7,000; val. bldgs., \$2,500; exp. dept., \$700; tot. mem., 64, pd. full time 24, vol. 40; undra. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. dim., 16 x 144, loc. at station; mat., stl.; 2 pump. eng., class comp. dup.; mains, c. i., 15 m.; met., 150; 950 serv.; pipe, galv. i. & lead; pres., dom. 50 lbs.; f. 100 lbs.; cons. day, 1,000,000 gals.; cost, \$150,000; cost mtce., \$5,000; wks. owned by Co.

SHREVE, p. 1,016; f. area, 320 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes

of f. inv. F. dept.—1 c. eng., 3 hose reels; hose, cot., rub. lined, gd., 700 ft.; inf., 400 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$35; tot. mem., 15 vol.; undra. rating, fourth class.

Water Supply—Src., wells in bus. cent.; sys., pump to res.; res. cap., 40,000 gals.; pump. eng., cap. day 40,000 gals.; mains, iron, 2½ m., 4 to 6 in. dia.; 28 hyd.; met., 80; 85 serv.; pipe, galv. l.; pres., dom. 80 lbs., f. 80 lbs.; cost, \$9,300; cost mtce., \$225.

SHILOH, p. 555. F. dept.—1 gas. eng., c. hand ex., 1 aer. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 200 ft.; tot. hose, 1,600 ft.; f. al., telp. & bell; val. equip., \$2,550; val. bldgs., \$400; exp. dept., \$75; tot. mem., 13, pd. part time 1, vol. 12.

SIDNEY, p. 6,607; f. area, 1,500 a.; merc. bldgs., stn., bk. & cem., 2, 3 & 4 stor.; priv., stn., bk., cem. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 supply wag., 6 hand ex., 4 piren ex., 1 h. & l. trk., 1 hose wag., 1 hand hose reel, 1 chief's wag., 5 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., bell, 29 bx.; val. equip., \$23,078; val. bldgs., \$3,500; exp. dept., \$6,000; tot. mem., 6, pd. full time 5, pd. part time 1; undra. rating, fourth class.

Water Supply—Src., wells & riv. in case of l., ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 300,000 gals., dim. 25 x 85, loc. on hill; mat., stl.; 2 pump. eng., class cross comp., cap. day 3,000,000 gals.; mains, c. l., 14 m., 4 to 12 in. dia.; 130 hyd.; 125 v.; 175 met.; 1,175 serv.; pipe, lead; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 800,000 gals.; cost, \$100,000; cost mtce., \$10,000; wks. owned by city.

SOMERSET, p. 1,286; f. area, 500 a.; merc. bldgs., bk., stn. & wd., 2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 100 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$1,500; exp. dept., \$150; tot. mem., 40 vol.; undra. rating, fifth class.

Water Supply—Src., 16 cisterns, cap. 150 to 500 bbls.

SPENCERVILLE, p. 1,748; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & frame, 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 3 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., bell; tot. mem., 40 vol.; undra. rating, fifth class.

Water Supply—Src., wells & cisterns.

SPRINGFIELD, p. 46,921; f. area, 5,760 a.; merc. bldgs., bk. & stn., 2 to 5 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. auto. pump. eng., 2 auto. comb. c. & h. wag., 4 str., 10 hand ex., 2 h. & l. trk., 1 aer. trk., 4 hose wag., 2 comb. c. & h. wag., 1 chief's buggy, 1 fuel wag., 1 supt. f. al. wag., 81 hrs.; hose, cot., rub. lined, gd., 12,000 ft.; rub. c. hose, gd., 1,000 ft.; tot. hose, 13,000 ft.; f. al., bell, telp. & Gamewell, 150 bx.; val. equip., \$66,275; val. bldgs., \$80,000; exp. dept., \$59,750.72; tot. mem., 54, pd. full time; undra. rating, third class.

Water Supply—Src., subterranean, 3½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 592,218 gals.; pump. eng., cap. day 22,000,000 gals.; mains, c. l., 80 m., 8 to 24 in. dia.; 600 hyd.; 400 v.; met., 511; 6,274 serv.; pipe, lead; pres., dom. 50 to 70 lbs., f. 90 to 100 lbs.; cost, \$758,650; cost mtce., \$34,459; wks. owned by city.

ST. BERNARD, p. 5,002; merc. bldgs., stn., 2 & 2½ stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 4 hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 3,200 ft.; 3 hrs.; f. al., bell, telp. & Gamewell, 27 bx.; val. equip., \$6,000; exp. dept., \$1,980; tot. mem., 29, pd. full time 4, vol. 25.

Water Supply—Src., wells in bus. cent.; sys., pump to res. & stdp.; stdp. cap., 270,000 gals.; res. cap., 100,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 10 m., 4 to 10 in. dia.; 79 hyd.; 52 v.; met., 565; 166 serv.; pipe, lead; cost, \$85,000; cost mtce., \$4,500; wks. owned by city.

ST. CLAIRSVILLE, p. 1,893; f. area, 750 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2

stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 1 c. eng., 40 c. hand ex.; f. al., bell & wh.; vol.; undra. rating, fifth class.

Water Supply—Src., wells & cisterns.

ST. MARYS, Anglaize Co., p. 5,732; merc. bldgs., bk., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$6,000; exp. dept., \$1,200; tot. mem., 3, pd. full time; undra. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 14 m., 2 to 12 in. dia.; 121 hyd.; 300 met.; 1,000 serv.; pipe, lead; pres., dom. 60 lbs., f. 120 lbs.; cost, \$87,000; cost mtce., \$1,000.

ST. PARIS, p. 1,261; f. area, 1,250 a.; bldgs., bk. & wd., 2 stor. F. dept.—1 str., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 200 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$2,000; exp. dept., \$250; tot. mem., 60 vol.; undra. rating, fifth class.

Water Supply—Src., wells & cisterns.

STEUBENVILLE, p. 22,391; f. area, 700 a.; merc. bldgs., stn., bk. & wd., 2 to 5 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 auto. triple comb. c. eng. & h. wag., 2 str., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 1 comb. c. & h. wag., 8 hrs.; hose, cot., rub. lined, gd., 8,500 ft.; f. al., elec., 26 bx.; val. equip., \$35,000; val. bldgs., \$30,000; exp. dept., \$18,000; tot. mem., 15, pd. full time; undra. rating, third class.

Water Supply—Src., riv., 2 m. bus. cent.; sys., pump to res.; stdp. cap., 140,000 gals.; dim., 20 x 60; mat., stl.; res. cap., 13,200,000 gals.; 3 pump. eng., class vert. comp., cap. day 6,000,000 gals.; mains, c. l., 49 m., 4 to 20 in. dia.; 364 hyd.; 257 v.; met., 100; 4,000 serv.; pipe, lead; pres., dom. 45 lbs., f. 120 lbs.; cons. day, 4,000,000 gals.; cost, \$295,000; cost mtce., \$14,000; wks. owned by city.

STRASBURG, p. 835; f. area, 100 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 & 2 stor.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, 500 ft.; inf., 250 ft.; tot. hose, 750 ft.; f. al., wh.; val. equip., \$400; exp. dept., \$200; tot. mem., 16 vol.

Water Supply—Src., wells, 800 ft. bus. cent.; sys., grav. & pump dir.; res. cap., \$6,400 gals.; 1 pump, cap. day 500,000 gals.; mains, c. l., 3 m., 4 to 8 in. dia.; 13 hyd.; 10 v., 100 serv.; pres., dom. 85 lbs., f. 110 lbs.; cost, \$13,000; cost mtce., \$500; wks. owned by village.

STRUTHERS, p. 3,370; f. area, 450 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 aer. trk., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 100 ft.; inf., 400 ft.; tot. hose, 2,000 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$3,500; exp. dept., \$75; tot. mem., 16, pd. part time.

Water Supply—Src., lake, 1½ m. bus. cent.; sys., grav.; res. cap., 800,000,000 gals.; mains, c. l., 12 m., 4 to 30 in. dia.; 52 hyd.; 10 v.; 135 met.; 500 serv.; pres., dom. 40 lbs., f. 60 lbs.; wks. owned by priv. Co.

STRYKER, p. 1,026; f. area, 230 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; inf., 400 ft.; tot. hose, 1,400 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 20 vol.

Water Supply—Src., cisterns.

SUNBURY, p. 485. F. dept.—1 h. eng., 1 c. eng., 1 c. ex., 1 hose wag., 500 ft. hose; f. al., bell; val. equip., \$1,000; vol.; undra. rating, fifth class.

Water Supply—Src., well; pres., 150 lbs.; hyd. 8; mains, ½ m.

SUGAR CREEK, p. 389; f. area, 20 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$250; val. bldgs., \$50; exp. dept., \$25; 15 vol. Water Supply—Src., wells, svs., dir. pres.; pres., 70 lbs.

SWANTON, p. 1,058. F. dept.—1 comb. hand & c. eng. 1 h. & l. trk.; 1,000 ft. hose; f. al., telp. & wh.; 32 vol.

SYCAMORE, p. 977; f. area, 1 sq. m.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk.; hose, 1,600 ft.; f. al., wh.; val. equip., \$1,500; vol., 18; undra. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; svs., pump to res., stdp. & dir.; stdp. cap., 50,000 gals.; mat., boiler i.; res. cap., 50,000 gals.; 2 pump. eng.; mains, c. l., $3\frac{1}{2}$ m., 4 to 10 in. dia.; 29 hyd.; 8 v.; met., 1; 174 serv.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$25,000; cost mtce., \$5,000; wks. owned by city.

THORNVILLE, p. 411. F. dept.—1 c. eng., c. hand ex., 1 ladder trk., 1 hose reel, 650 ft. hose; bell al.; 12 vol.

TIFFIN, p. 11,894; f. area, $\frac{1}{4}$ m.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 6 c. hand ex., 1 h. & l. trk., 4 hose carts, 1 hose car., 1 comb. c. & h. wag., 7 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 34 bx.; val. bldgs., \$18,900; exp. dept., \$11,700; tot. mem. 25, pd. full time 13, pd. part time 12; undra. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; svs., pump dir.; res. cap., 1,000,000 gals., loc. near station; 3 pump. eng., cap. day 8,500,000 gals.; mains, c. l., 29 m., 6 to 20 in. dia.; 201 hyd.; 165 v.; met., 1,500; 2,400 serv.; pipe, lead; pres., dom. 50 lbs., f. 75 to 100 lbs.; cons. day, 800,000 gals.; wks. owned by Co.

TIPPECANOE, p. 500. No org. f. dept. Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; svs., pump dir.; 2 pump. eng., class dup., cap. day 400,000 gals.; mains, c. l., 6 m., 4 to 12 in. dia.; 35 hyd.; 29 v.; met., 94; 600 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 90 lbs.; cost, \$18,000; cost mtce., \$1,000; wks. owned by city.

TOLEDO, p. 168,497; f. area, 28.57 sq. m.; merc. bldgs., bk. & stn., 1 to 21 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—14 str., 8 h. & l. trk., 17 comb. c. & h. wag., 1 aer. trk., 1 water tower, 105 hrs.; hose, cot., rub. lined, gd., 31,500 ft.; f. al., Gamewell, 303 bx.; val. equip., \$121,378; val. bldgs., \$819,540; exp. dept., \$284,789; tot. mem. 234, pd. full time; undra. rating, second class.

Water Supply—Src., Maumee riv., $6\frac{1}{2}$ m. bus. cent.; svs., pump to filters, filters to high serv. pumps, $2\frac{1}{2}$ m. by grav., through 6 ft. conc. conduit, high serv., pumps to stdp.; stdp. cap., 33,000 gals.; res. cap., on suction side of high service pumps, 20,000,000 gals.; 9 pump. eng.; cap. day, 120,000,000 gals.; mains, c. l., 282 m., 4 to 30 in. dia.; 2,031 hyd.; 2,315 v.; 25,485 met.; 28,710 serv.; pipe, lead; pres., dom. & f. 75 lbs.; cons. day, 19,670,000 gals.; cost, \$3,700,000, including pumping stations, filter plant & mains; cost mtce., including filter plant, \$160,000; wks. owned by city.

TORONTO, Jefferson Co., p. 4,271; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$1,595; val. bldgs., \$2,600; exp. dept., \$50; tot. mem., 21 vol.; undra. rating, fourth class.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; svs., pump to res.; res. cap., 3,000,000 gals., loc. on hill $\frac{1}{4}$ m. city; 2 pump. eng., class hor., cap. day 1,000,000 gals.; mains, c. l., 13 m., 2 to 8 in. dia.; 96 hyd.; met., 80; 750 serv.; pipe, lead & galv. i.; pres., dom. 90 lbs., f. 130 lbs.; cons. day, 400,000 gals.; cost, \$97,000; cost mtce., \$6,000; wks. owned by city.

TRENTON, p. 564. F. dept.—6 hand pumps, 2 c. hand ex., 1 ladder trk., 500 ft. hose; bell al.; tot. mem. 31, pd. part time 1, 30 vol.

TROY, p. 6,122; f. area, 1,000 a.; merc. bldgs., stn., bk. & wd., 2 to 6 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. auto. trk., 2 str., 1 comb. c. & h. wag., 4 c. hand ex., 2 h. & l. trk., 1 hose wag., 2 reels, 1 comb. c. & h. wag., 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., elec., 22 bx.; val. equip., \$17,500; val. bldgs., \$9,000; exp. dept., \$7,000; tot. mem., 32, pd. full time 4, pd. part time 16, vol. 12; undra. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; svs., pump dir.; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. l., 18 m., 8 to 16 in. dia.; 153 hyd.; 150 v.; 620 met.; 1,603 serv.; pipe, lead & iron; pres., dom. 50 lbs., f. 110 lbs.; cost, \$161,000; cost mtce., \$6,065; wks. owned by city.

UHRICHSVILLE, p. 4,751; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—3 hose car.; hose, cot., gd., 1,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$500; tot. mem. 16, pd. part time; undra. rating, fourth class.

Water Supply—Src., supplied by Dennison.

UNION CITY, p. 1,595. F. dept.—1 comb. c. & h. wag., 2 hose reels, 1,300 ft. hose; f. al., telp.; val. equip., \$2,000; val. bldgs., \$3,000; exp. dept., \$1,000; tot. mem. 23, pd. full time 1, pd. part time 2; vol. 20; undra. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; svs., dir. pres.; res. cap., 364,000 gals.; 2 pump. eng., class comp. dup.; cap. day, 3,000,000 gals.; mains, c. l., $3\frac{1}{2}$ m., 4 to 8 in. dia.; 36 hyd.; 50 v.; pres., dom. 45 lbs., f. 65 to 100 lbs., cost, \$15,000; wks. owned by city.

UPPER SANDUSKY, p. 3,779; f. area, 3,200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 2 hose car.; hose, rub., gd., 1,200 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem. 30, pd. full time 2, pd. part time 28; undra. rating, fourth class.

Water Supply—Src., spr. & riv., $\frac{1}{4}$ m. bus. cent.; svs., pump to stdp.; stdp. cap., 100,000 gals.; dim., 22 x 39; mat., stl.; res. cap., 1,500,000 gals.; 8 pump. eng., cap. day 4,000,000 gals.; mains, c. l., 13 m., 4 to 12 in. dia.; 109 hyd.; 58 v.; met., 40; 800 serv.; pipe, c. i.; pres., dom. 65 lbs., f. 100 lbs.; cons. day, 500,000 gals.; wks. owned by priv. Co.

URBANA, p. 7,739; f. area, 6 blocks; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 comb. c. & h. wag., 3 c. hand ex., 1 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., bell & telp.; val. equip., \$6,000; val. bldgs., \$4,500; exp. dept., \$4,890; tot. mem. 10, pd. full time 5, pd. part time 5; undra. rating, fourth class.

Water Supply—Src., 11 wells, $\frac{1}{4}$ m. bus. cent.; svs., dump dir.; 2 pump. eng., class cross comp., cap. day 6,000,000 gals.; mains, c. l., 22 1-5 m., 4 to 14 in. dia.; 161 hyd.; 60 met.; 1,450 serv.; pipe, galv. i. & lead; pres., dom. 80 lbs., f. 125 lbs.; cons. day, 800,000 gals.; wks. owned by Co.

UTICA, p. 1,729; f. area, 300 a.; merc. bldgs., bk., cem. & wd., 1 to 3 stor.; priv., bk., cem. & wd., 1 to 3 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 15 c. hand ex.; hose, 600 ft.; f. al., bell; 100 vol.; undra. rating, fifth class.

Water Supply—Src., 3 wells, 1 m. bus. cent.; svs., grav.; res. cap., 200,000 gals.; 2 pump. eng., cap. day, 187,200 gals.; mains, c. l., 5 m., 2 to 6 in. dia.; 36 hyd.; 16 v.; 100 met.; 130 serv.; pipe, wrt. & galv. i.; pres., dom. & f. 65 lbs.; cons. day, 40,000 gals.; cost, \$30,000; cost mtce., \$750; wks. owned by city.

VAN WERT, p. 7,157; f. area, 1,700 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 3 c. hand ex., 2 c. eng., 1 h. & l. trk., 1 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,700 ft.; inf., 200 ft.; tot. hose, 3,900 ft.; f. al., bell, 13 bx.; val. equip., \$12,000; val. bldgs., \$15,000; exp. dept., \$4,200; tot. mem., 21, pd. full time 5, pd. part time 16; undra. rating, fourth class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; svs., pump to stdp. & dir.; stdp. cap., 125,000

gals.; mat., stl.; 2 pump. eng., class comp. cond., cap. day 3,000,000 gals.; mains, c. l., 20 m., 4 to 16 in. dia.; 177 hyd.; 122 v.; met., 402; 1,150 serv.; pipe, galv. l. & lead; pres., dom. 80 lbs., f. 120 lbs.; cons. day, 350,000 gals.; cost, \$138,000; cost mtce., \$7,500; wks. owned by city.

VENEDOSIA, p. 247. F. dept., 1 hand eng., c. tk., 8 hand c. ex., 500 ft. hose.

VERMILION, p. 1,369; f. area, 1,800 a.; merc. bldgs., wd., bk. & stn., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 250 ft.; linen, unlined, gd., 100 ft.; poor, 200 ft.; tot. hose, 1,550 ft.; f. al., bell; val. equip., \$1,300; val. bldgs., \$2,000; exp. dept., \$800; tot. mem., 33 vol.; undrs. rating, fourth class.

Water Supply—Src., lake, 1-6 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals.; mat., iron; 1 pump. eng., cap. day 350,000 gals.; mains, c. l., 4 m., 4 to 10 in. dia.; 37 hyd.; 40 v.; met., 2; 182 serv.; pipe, lead & iron; pres., dom. 50 lbs., f. 125 lbs.; cons. day, 70,000 gals.; cost, \$37,000; cost mtce., \$1,200; wks. owned by city.

VERSAILLES, p. 1,580; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 10 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 350 ft.; tot. hose, 1,950 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$300; tot. mem. 16, pd. part time; undrs. rating, fourth class.

Water Supply—Src., 8 wells, in bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 5 m., 4 to 10 in. dia.; 55 hyd.; 55 v.; 630 serv.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 125,000 gals.; cost, \$16,000; cost mtce., \$4,000; wks. owned by city.

WADSWORTH, p. 3,073; f. area, 960 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—Ladders & buckets, 12 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,800; exp. dept., \$221; tot. mem., 45 vol.; undrs. rating, fourth class.

Water Supply—Src., wells; sys., pump to res.; res. cap., 6,000,000 gals.; pump. eng.; mains, iron, 8 m., 3 to 8 in. dia.; 30 hyd.; 30 v.; 500 serv.; pipe, iron; pres., dom. 45 lbs., f. 75 lbs.; cost, \$15,000; cost mtce., \$200.

WAKEMAN, p. 874. F. dept.—1 c. hand ex., 1 h. & l. trk., 1 hose wag., 1,000 ft. hose; f. al., bell; val. equip., \$800; val. bldgs., \$1,000; exp. dept., \$200; tot. mem. 61, pd. full time 1, pd. part time 10, vol. 50.

WALDO, p. 319. F. dept.—1 hand eng., 9 c. hand ex., 1 comb. h. & l. trk. & hose wag., 1,000 ft. hose; bell al.; 40 vol.

WAPAKONETA, p. 5,349; f. area, 700 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 1 hose car., 3 hrs.; hose, cot., rub. lined, gd., 2,600 ft.; inf., 350 ft.; tot. hose, 2,950 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$30,000; exp. dept., \$2,500; tot. mem. 4, pd. full time 3, pd. part time 1; undrs. rating, fourth class.

Water Supply—Src., wells & riv., 1-6 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 294,000 gals.; dim., 20 x 125, loc. North Blackhoof street; mat., stl.; res. cap., 102,000 gals., loc. at station; 2 pump. eng., class comp. dup., cap. day 2,500,000 gals.; mains, c. l., 12½ m., 4 to 10 in. dia.; 119 hyd.; 130 v.; 600 met.; 760 serv.; pipe, lead & iron; pres., dom. 55 to 60 lbs., f. 60 to 125 lbs.; cons. day, 300,000 gals.; cost, \$65,000; cost mtce., \$4,000; wks. owned by city.

WARREN, p. 11,081; f. area, 2,500 a.; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 1 hose reel, 8 hrs.; hose, cot., rub. lined, gd., 4,150 ft.; f. al., elec., 21 bx.; val. equip., \$30,000; val. bldgs., \$20,000; exp. dept., \$13,726; tot. mem. 10, pd. full time 10; undrs. rating, fourth class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 398,000 gals.; dim., 22 x 140; mat., iron; res. cap., 1,500,000 gals.; 3 pump. eng., class comp., cap. day 5,000,000 gals.; mains, c. l., 26 m., 4 to 16 in. dia.; 151 hyd.; 152 v.; 1,500 met.; 2,009 serv.; pipe, lead; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 881,000 gals.; cost, \$311,000; cost mtce., \$12,300; wks. owned by Co.

WASHINGTON COURT HOUSE, p. 7,277; f. area, 1,280 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 supply wag., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; rub. gd., 400 ft.; tot. hose, 2,600 ft.; f. al., bell; val. equip., \$14,000; val. bldgs., \$15,000; exp. dept., \$5,155; tot. mem. 14, pd. full time 2, vol. 12; undrs. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 300,000 gals.; 2 pump. eng., cap. day 3,000,000 gals.; mains, 16-23 m., 4 to 16 in. dia.; 145 hyd.; 73 v.; met., 428; 1,100 serv.; pres., dom. 50 lbs., f. 110 lbs.; cost, \$175,000; cost mtce., \$8,707.

WATERVILLE, p. 834. F. dept.—1 gasoline eng., 25 c. hand ex., 1,500 ft. hose; bell al.; 25 vol.

WAUSEON, p. 2,650; f. area, 640 a.; merc. bldgs., bk., stn. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 9 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$15,000; exp. dept., \$125; tot. mem., 32 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 110,000 gals.; dim., 13 x 110, loc. in town; mat., stl.; 1 pump. eng., class comp. dup., cap. day 1,500,000 gals.; mains, c. l., 10 m., 4 to 10 in. dia.; 86 hyd.; 85 v.; met., 319; 577 serv.; pipe, galv. l.; pres., dom. 40 lbs., f. 60 lbs.; cons. day, 500,000 gals.; cost, \$68,426; wks. owned by city.

WAVERLY, p. 1,803; f. area, 300 a.; bldgs., bk. & wd., 1 to 3 stor.; shingle & tin rfs.; fwks. ord. F. dept.—3 c. hand ex., 2 h. & l. trk., 2 hose wag., 2 hose car.; hose, rub. gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$700; tot. mem., 25 vol.; undrs. rating, fifth class.

Water Supply—Src., 3 wells; sys., grav & dir. pres.; stdp. cap., 120,000 gals.; dim., 16 x 82; cons. day, 380,000 gals.

WAYNESFIELD, p. 542. F. dept.—1 hose cart, 1 c. hand ex., 600 ft. hose; bell al.; 26 vol.

WAYNESVILLE, p. 705. F. dept.—1 str., 1 h. & l. trk., 2,000 ft. hose; vol., 24; f. al., wh.; undrs. rating, fourth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; 2 stdp., cap. 130,000 gals.; dim., 15 x 20, 14 x 80; mat., stl.; pump. eng., class dup. comp., cap. day 750,000 gals.; mains, c. l., 3½ m., 4 to 8 in. dia.; 23 hyd.; 12 v.; 150 serv.; pipe, galv. l.; pres., dom. 120 lbs., f. 100 lbs.; cons. day, 40,000 gals.; cost, \$26,500; cost mtce., \$2,156; wks. owned by city.

WELLINGTON, p. 2,131; f. area, 25 a.; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 100 ft.; tot. hose, 1,100 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$4,000; exp. dept., \$300; tot. mem., 20 vol.; undrs. rating, fourth class.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; stdp. cap., 95,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. l., 5 m., 4 to 10 in. dia.; 44 hyd.; 40 v.; 250 serv.; pres., dom. 50 lbs., f. 150 lbs.; cost, \$32,000; cost mtce., \$1,000; wks. owned by city.

WELLSTON, p. 6,875; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 2 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,200 ft.; tot. hose, 3,200 ft.; f. al., bell; val. equip., \$3,500;

val. bldgs., \$1,500; exp. dept., \$500; tot. mem., 20 vol.; undra. rating, fourth class.

Water Supply—Src., creek, 2 m. bus. cent.; sys., pump to res. to stdp. & dir.; stdp. cap., 250,000 gals.; dim., 75 x 24, loc. in city; mat., sheet i.; res. cap., 50,000,000 gals., loc. near creek; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. l., 25 m., 4 to 16 in. dia.; 107 hyd.; 36 v.; 45 met.; 1,700 serv.; pipe, galv. i.; pres., dom. 70 to 90 lbs.; f. 90 to 150 lbs.; cons. day, 400,000 gals.; cost, \$80,000; cost mtce., \$5,000; wks. owned by city.

WELLSVILLE, p. 7,769; f. area, 2,560 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 4 hose wag., 3 hose reels, 1 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; rub., gd., 1,000 ft.; tot. hose, 6,000 ft.; f. al., Gamewell, 27 bx.; val. equip., \$22,150; val. bldgs., \$22,000; exp. dept., \$7,000; tot. mem., 62, pd. full time 2, vol. 60; undra. rating, fourth class.

Water Supply—Src., riv., 500 yds. bus. cent.; sys., pump to res. & mains; res. cap., 2,500,000 gals., loc. $\frac{1}{2}$ m. station; 2 pump. eng., class comp., cap. day 6,000,000 gals.; mains, c. l., 20 m., 4 to 18 in. dia.; 128 hyd.; 135 v.; met. 30; 1,400 serv.; pipe, lead; pres., dom. 140 lbs.; f. 140 lbs.; cons. day, 2,000,000 gals.; cost, \$100,000; cost mtce., \$10,000; wks. owned by city.

WEST ALEXANDRIA, p. 1,080. F. dept.—1 h. & l. trk., 2 hose reels; hose, 1,500 ft.; undra. rating, fourth class.

Water Supply—Src., wells, 1-3 m. bus. cent.; sys., pump through mains to stdp.; stdp. cap., 60,000 gals.; dim., 16 x 40; mat., stl.; 2 pump. eng., cap. day 500,000 gals.; mains, c. i., 3 6-7 m.; 42 hyd.; 21 v.; met., 197; 208 serv.; pipe, lead; pres., dom. 47 lbs.; f. 125 lbs.; cons. day, 45,000 gals.; cost, \$20,180; cost mtce., \$1,855; wks. owned by village.

WEST CAIRO, p. 386. F. dept.—1 hand eng., 800 ft. hose; bell al.; vol.

WESTERVILLE, p. 1,908; f. area, 500 a.; merc. bldgs., bk. & stn., 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$900; val. bldgs., \$1,500; exp. dept., \$125; tot. mem., 25 vol.; undra. rating, fourth class.

Water Supply—Src., deep wells, $\frac{1}{2}$ m. bus. cent.; sys., comp. air & dir. pres.; res. cap., 40,000 gals.; 2 pump. eng., cap. day 500,000 gals.; mains, c. i., 4 m.; 26 hyd.; 26 v.; 500 met.; 200 serv.; pipe, galv. i.; pres., dom. 35 lbs.; f. 50 to 100 lbs.; cons. day, 60,000 gals.; cost, \$28,000; wks. owned by city.

WEST JEFFERSON, p. 1,043. F. dept.—1 hand eng., 1 h. & l. trk., 700 ft. hose; bell al.; vol.

WEST LIBERTY, Logan Co., p. 1,288; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 12 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose cart; hose, rub., gd., 500 ft.; inf., 500 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$4,300; val. bldgs., \$4,350; exp. dept., \$425; tot. mem., 20, pd. full time 1, pd. part time 19; undra. rating, fifth class.

Water Supply—Src., mill race, f. wells & cisterns.

WEST MANSFIELD, p. 913. F. dept.—1 hand eng., 600 ft. hose; bell al.; vol.

WEST MILTON, p. 1,207; f. area, 400 a.; merc. bldgs., cmt., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. hand ex., 1 c. eng., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,750 ft.; inf., 200 ft.; tot. hose, 1,950 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$436; tot. mem., 29, pd. part time 3, vol. 26; undra. rating, fourth class.

Water Supply—Src., spr.; sys., pump to stdp.; stdp. cap., 40,000 gals.; mains, c. l., $2\frac{1}{2}$ m., 6 to 8 in. dia.; cost, \$30,000.

WESTON, p. 1,000; f. area, 320 a. F. dept.

—1 gas. eng., 1 h. & l. trk., 1 hose cart, 1,300 ft. hose; f. al., elec. & telp.; val. equip., \$2,800; val. bldgs., \$500; tot. mem., 30 vol.

WEST SALEM, p. 642; f. area, 300 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 6 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, rub., gd., 1,250 ft.; f. al., bell, 1 bx.; val. equip., \$5,000; val. bldgs., \$9,000; exp. dept., \$150; tot. mem., 24 vol.

Water Supply—Src., cisterns, in bus. cent.; cap. cisterns, 6,400 bbla., distributed over village; hand eng., cap. hour 200 bbla.; wks. owned by village.

WEST UNION, Adams Co., p. 1,080; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 18 c. hand ex., 1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 300 ft.; f. al., bell; val. equip., \$1,500; exp. dept., \$800; tot. mem., 17 vol.

Water Supply—Src., wells & cisterns.

WEST UNITY, p. 980. F. dept.—1 hand eng., 1 h. & l. trk., 800 ft. hose; bell al.; 40 vol.

WHARTON, p. 485. F. dept.—1 hand eng., ladders, 1 water tk., 50 ft. hose; vol.

WHITEHOUSE, p. 506. F. dept.—1 hand eng. & c. tk., 1 auto. eng., 1 hose reel, 1,350 ft. hose; bell al.; 30 vol.

WILLOUGHBY, p. 2,072; bldgs., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hand eng., 6 c. hand ex., 1 h. & l. trk., 2 hose car. & team, 100 buckets, hooks, axes, ropes, &c.; hose, rub., gd., 1,400 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$200; tot. mem., 23 vol.; undra. rating, fourth class.

Water Supply—Src., riv.; sys., grav.; res. cap., 800,000 gals.; pump. eng., cap. day 800,000 gals.; mains, c. l., 7 m., 4 to 10 in. dia.; 68 hyd.; 50 v.; 650 serv.; pres., dom. 70 lbs.; f. 140 lbs.; cost, \$44,000; cost mtce., \$2,600; wks. owned by village.

WILMINGTON, p. 4,491; f. area, 1,000 a.; merc. bldgs., bk., 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 6 hand ex., 1 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell, telp.; val. equip., \$5,000; val. bldgs., \$10,000; exp. dept., \$2,000; tot. mem., 11, pd. full time 2, pd. part time 9; undra. rating, fifth class.

Water Supply—Src., wells, $\frac{1}{2}$ to 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 250,000 gals.; dim., 18 x 125; mat., stl.; 2 pump. eng., class dup.; cap. day, 1,200,000 gals.; mains, c. i., 19 m., 4 to 10 in. dia.; 92 hyd.; 40 v.; 460 met.; 525 serv.; pipe, wrt. i.; pres., dom. 55 lbs.; f. 110 lbs.; cons. day, 175,000 gals.; wks. owned by priv. corpn.

WINCHESTER, p. 927. F. dept.—1 comb. & c. eng., 1 h. & l. trk., 500 ft. hose; vol., 50; undra. rating, fifth class.

Water Supply—Cisterns at every cross street.

WOODFIELD, p. 2,502; f. area, 1,000 a.; merc. bldgs., bk., stn. & wd., 2 to 4 stor.; priv., wd., 2 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,200 ft.; f. al., telp.; val. equip., \$1,500; val. bldgs., \$600; tot. mem., 20 vol.; undra. rating, fourth class.

Water Supply—Src., res.; sys., pump to res.; pres., dom. 45 lbs.; f. 180 lbs.

WOODVILLE, p. 840; f. area, 500 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 200 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$1,800; exp. dept., \$125; tot. mem., 20 vol.; undra. rating, fifth class.

Water Supply—Src., wells; no waterwks.

WOOSTER, p. 6,186; merc. bldgs., bk. & stn., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. F. dept.—1 str., 6 c. hand ex., 1 h. & l. trk., 4 hose wag., 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 650 ft.; rub., gd., 1,500 ft.; tot. hose, 2,150 ft.; f. al., Gamewell, 16 bx.; val. equip., \$12,000; val. bldgs., \$10,000; tot. mem., 34, pd. full time 4, pd. part time 30; undra. rating, fourth class.

Water Supply—Src., spr., creeks, wells, $1\frac{1}{2}$ m. bus. cent.; sys. grav. & pump to res.; res. cap., 12,000,000 gals.; pump. eng., cap. day 1,750,000 gals.; mains, c. l., $12\frac{1}{2}$ m., 4 to 12 in. dia.; 140 hyd.; met., 180; 514 serv.; pres., dom. 90 lbs., f. 142 lbs.; cost, \$184,500; cost mtce., \$2,700; wks. owned by city.

WORTHINGTON, p. 547. F. dept.—1 hand eng., 1 c. cart, 4 hand c. ex., 800 ft. hose; telp. al.; vol.

WYOMING, p. 1,892; f. area, $1\frac{1}{4}$ x $\frac{3}{4}$ sq. m.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., $2\frac{1}{2}$ stor.; wd. rfa. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,900 ft.; inf., 500 ft.; tot. hose, 2,400 ft.; f. al., bell, 20 bx.; val. equip., \$5,000; val. bldgs., \$8,000; exp. dept., \$500; tot. mem., 40 vol.

Water Supply—Src., wells with air lift; sys., pump to res. & dir.; res. cap., 4,000,000 gals.; pump. eng., cap. day 3,000,000 gals.; mains, 8 m., 4 to 10 in. dia.; 90 hyd.; 366 met.; 366 serv.; pipe, c. l.; pres., dom. 100 lbs., f. 200 lbs.; cost, \$85,000; cost mtce., \$5,500; wks. owned by village.

XENIA, p. 8,706; f. area, 320 a.; bldgs., bk. & wd., 1 to 3 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—1 str., 1 supply wag., 1 h. & l. trk., 2 hose wag., 1 hose reel, 5 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 1,000 ft.; inf., 300 ft.; tot. hose, 3,300 ft.; f. al., Gamewell, 24 bx.; val. equip., \$10,000; val. bldgs., \$10,000; exp. dept., \$8,000; tot. mem. 13, pd. full time 4, pd. part time 9; undra. rating, fourth class.

Water Supply—Src., spr. & wells, $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 275,000 gals.; dim., 115 x 20, loc. in town; mat., wrt. i.; res. cap., 2,500,000 gals., loc. $1\frac{1}{2}$ m. city; 3 pump. eng., class dup. comp., cap. day 4,500,000 gals.; mains, c. l., 20 m., 4 to 14 in. dia.; 204 hyd.; 100 v.; 90 met.; 1,700 serv.; pipe, lead & galv. i.; pres., dom. 40 to 100 lbs., f. 40 to 100 lbs.; cons. day, 625,000 gals.; wks. owned by Co.

YELLOW SPRINGS, p. 1,360; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfa. perm. No org.

f. dept.—1 hand eng., 1 c. eng., 6 c. hand ex., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 850 ft.; inf., 50 ft.; tot. hose, 900 ft.; val. equip., \$1,000; val. bldgs., \$1,500; exp. dept., \$50.

Water Supply—Src., wells, cisterns, spr. & res.

YOUNGSTOWN, p. 79,066; f. area, 11 sq. m.; merc. bldgs., stn., bk. & wd., 1 to 12 stor.; priv., stn., bk. & wd., 2 to 5 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 str., 1 auto. str. with hose, 4 c. eng., 1 h. & l. trk., 14 c. hand ex., 1 chief's auto., 7 exercise wag., 1 aer. trk., 4 hose wag., 4 comb. c. & h. wag., 24 hrs., 4 in reserve; hose, cot., rub. lined, gd., 15,650 ft.; f. al., Gamewell, 98 bx.; val. equip., \$84,500; val. bldgs., \$140,300; exp. dept., \$100,900; tot. mem. 77, pd. full time; undra. rating, third class.

Water Supply—Src., riv., sys., pump to stdp. & dir.; stdp. cap., 1,036,000 gals.; dim., 30 x 100, loc. $1\frac{1}{4}$ m. from station; mat., stl.; 3 pump. eng., class cross comp. & comp. dup., cap. day 10,000,000 gals.; mains, c. l., $129\frac{1}{2}$ m., 4 to 20 in. dia.; 1,866 hyd.; 1,223 v.; met., 3,150; 13,125 serv.; pipe, lead; pres., dom. 105 lbs., f. 135 lbs.; cons. day, 10,500,000 gals.; cost, \$1,300,000.

ZANESVILLE, p. 28,026; f. area, 8 m.; merc. bldgs., stn., bk. & wd., 1 to 6 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas. eng., 5 c. hand ex., 1 h. & l. trk., 1 comb. auto. wag., 2 hose car.; hose, cot., rub. lined, gd., 5,300 ft.; inf., 3,000 ft.; tot. hose, 8,300 ft.; f. al., Gamewell elec., 84 bx.; val. equip., \$32,000; val. bldgs., \$30,000; exp. dept., \$29,000; tot. mem. 35, pd. full time; undra. rating, third class.

Water Supply—Src., riv., 2 m. bus. cent.; sys. grav. & pump to stdp. & dir.; stdp. cap., 367,000 gals.; dim., 25 x 100; mat., stl.; res. cap., 4,500,000 gals., loc. on hill east of city; 3 pump. eng., cap. day 12,500,000 gals.; mains, c. l., 62 m., 3 to 32 in. dia.; 352 hyd.; met., 70; 7,000 serv.; pipe, lead & galv. i.; pres., dom. 65 lbs., f. 125 lbs.; cons. day, 6,000,000 gals.; cost, \$850,000; cost mtce., \$30,000; wks. owned by city & Co.

Places with a population of 1,000 or more not reported—Beverly, Crooksville, Cygnet, Dorlestown, Genoa, Jacksonville, Madison, Nevada, New Holland, South Charleston, Struthers, Sugar Creek, Sylvania.

OKLAHOMA

ADA, Portotoc Co., p. 4,849. F. dept.—2 c. ex., 1 hose wag., 1 auto. pump. eng.; 2,000 ft. cot., rub. lined hose; f. al., telp. & wh.; tot. mem., 14, 2 pd. full time, 12 vol.

Water Supply—Src., creek; sys., pump to stdp.; stdp. cap., 88,000 gals.; 3 pump. eng., class dup., cap. 1,850,000 gals. day; mains, 9 m., 2 to 8 in. dia.; 50 hyd.; pres., dom. 50 lbs., f. 100 lbs.

ALTUS, p. 4,821. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,900 ft.; inf., 600 ft.; tot. hose, 2,500 ft.; f. al., telp., 4 bx.; val. equip., \$8,000; exp. dept., \$2,250; tot. mem., 8, pd. full time 1, pd. part time 7.

Water Supply—Src., 2 wells; daily cons., 20,000 gals.; 2 pump. eng., class dup., cap. day 1,600,000 gals.; mains, 3 m., 4 to 8 in. dia.; 88 hyd.; pres., dom. 80 lbs., f. 120 lbs.

ALVA, p. 3,688; merc. bldgs., bk. & wd. F. dept.—6 c. hand ex., 2 hose car.; hose, 2,500 ft.; f. al., bell & wh.; tot. mem., 16 vol.

Water Supply—Src., wells; res. cap., 400,000 gals.; sys., pump; pump. eng., cap. day 500,000 gals.; mains, $9\frac{1}{2}$ m., 4 to 10 in. dia.; 48 hyd.; pres., dom. 75 lbs., f. 150 lbs.

ANADARKO, p. 3,439. F. dept.—1 comb. c. & h. wag., 5 c. hand ex., 1 h. & l. trk., 2 hose reels, 3 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., comb. automatic & telp., 15 bx.; val. equip., \$6,250; exp. dept., \$3,200; tot. mem., 25, pd. full time 4, pd. part time 5, vol. 16; undra. rating, fourth class.

Water Supply—Src., Washita riv., $\frac{3}{4}$ m. bus. cent.; sys., pump to stdp., stdp. cap., 100,000 gals.; res. cap., 500,000 gals.; 4 pump. eng., class

dup. & trip., cap. day 4,000,000 gals.; mains, c. l., $12\frac{1}{4}$ m., 4 to 10 in. dia.; 86 hyd.; 43 v.; 400 met.; 400 serv.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 150,000 gals.; cost \$135,000; cost mtce., \$3,600; wks. owned by city.

APACHE, p. 860; f. area, 1 m.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 2 hose car.; hose, cot., rub. lined, 1,500 ft.; f. al., wh.; tot. mem., 25 vol.

Water Supply—Src., creek, 1,000 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals., dim. 17 x 19 $\frac{1}{2}$ ft.; mat., stl.; 2 pump. eng.; mains, c. l., $4\frac{1}{2}$ m., 4 to 8 in. dia.; 44 hyd.; 14 v.; pres., f. 50 lbs.; wks. owned by municipality.

ARDMORE, p. 8,618; f. area, 70 a.; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfa. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 comb. c. & h. auto., 5 c. hand ex., 1 hose wag., 1 hose & ladder wag., 4 hrs.; hose, rub. lined, gd., 5,000 ft.; c. gd., 500 ft.; tot. hose, 5,500 ft.; f. al., telp.; val. equip., \$12,500; val. bldgs., \$11,000; exp. dept., \$7,500; tot. mem. 9, pd. full time.

Water Supply—Src., lake, 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 460,000 gals., dim. 25 x 100, loc. $\frac{1}{4}$ m. city; mat., stl.; res. cap., 1,000,000,000 gals., loc. $8\frac{1}{4}$ m. west city; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. l., 20 m.; 376 hyd.; 180 v.; pres., dom. 78 lbs., f. 150 lbs.; cost, \$297,500; cost mtce., \$6,000; wks. owned by city.

ATOKA, p. 1,968. F. dept.—1 h. & l. trk., 3 hose reels, 4 hrs., 1,150 ft. hose.; 2 al., bell & telp.; tot. mem. 26, pd. full time 1, vol. 23.

Water Supply—Src. riv., 200 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; dim., 18 x 30; mat., stl.; res. cap., 7,500,000 gals.; 2 pump. eng., class dup., cap. day, 750,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 40 hyd.; 27 v.; 155 met.; 157 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 110 lbs.; cons. day, 33,200 gals.; cost, \$50,000; cost mtee., \$2,051; wks. owned by city.

BARTLESVILLE, p. 6,181. F. dept.—1 auto. trk., 1 aer. trk., 1 str., 1 chief's wag., 1 ladder wag., 7 hra., 8,000 ft. rub. hose; f. al., Gamewell; tot. mem. 11, pd. full time 7, vol. 4.

Water Supply—Src. Caney riv.; sys., pump to stdp.; stdp. cap., 75,000 gals.; 2 pump. eng., class comp. dup., cap. day 1,800,000 gals.; mains, 4 m., 4 to 8 in. dia.; 48 hyd.; pres., dom., 60 lbs., f. 90 lbs.

BLACKWELL, p. 3,266; f. area, 35 a.; merc. bldgs., principally bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—5 c. hand ex., 1 comb. c. & h. wag., 1 hose wag., 1 hose reel, 2 hra.; hose, cot., rub. lined, gd., 2,800 ft.; inf., 500 ft.; tot. hose, 3,300 ft.; f. al., bell, wh. & telp.; val. equip., \$5,600; val. bldgs., \$9,000; exp. dept., \$2,000; tot. mem. 18, pd. full time 2, pd. part time 1, vol. 15; undra. rating, 4½ class.

Water Supply—Src. wells, ¼ m. bus. cent.; stdp. cap., 100,000 gals.; dim. 22 x 60 ft.; mat., stl.; res. cap., 120,000 gals.; class comp., cap. day 200,000 gals.; mains, c. l., 14 m., 4 to 8 in. dia.; 60 hyd.; met., 300; 350 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 125 lbs.; cons. day, 60,000 gals.; cost, \$40,000; cost mtee., \$1,500; wks. owned by city.

BROKEN ARROW, p. 1,576. F. dept.—1 h. & l. trk., 2 c. hand ex., 2 c. eng., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh. & bell; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$400; tot. mem. 8, pd. part time.

Water Supply—Src. spr., 4½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; res. cap., 60,000 gals.; 1 pump. eng., class centrill., cap. day 500,000 gals.; mains, c. l., 10 m., 4 to 8 in. dia.; wks. owned by city.

CARMEN, p. 883. F. dept.—1 hand ladder trk., 1 c. eng.; hose, cot., rub. lined, gd., 100 ft.; f. al., telp. & bell; tot. mem., 10 vol.

No waterwks.

CHANDLER, p. 2,024; f. area, 640 a.; merc. bldgs., bk., 1 to 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 3 hose reels; hose, cot., rub. lined, 1,700 ft.; 2 hra.; f. al., bell & wh.; val. equip., \$2,700; val. bldgs., \$3,500; tot. mem. 13, 3 pd. full time, 10 vol.; undra. rating, third class.

Water Supply—Src. wells & creek, 6 blocks bus. cent.; sys., pump to res.; 2 pump. eng., cap. day 720,000 gals.; pipe, 14 m., 4 to 8 in. dia.; 61 hyd.; 224 serv.; 128 met.; pres., 170 lbs.

CHECOTAH, p. 1,683. F. dept.—2 c. hand ex., 1 comb. c. & h. wag., 3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., telp. & wh.; val. equip., \$3,350; exp. dept., \$1,200; tot. mem., 12 vol.; undra. rating, 4½ class.

Water Supply—Src. wells; sys., pump to stdp.; stdp. cap., 50,000 gals.; 2 res., supply adequate at all seasons; 2 pump. eng., cap. day 1,162,000 gals.; mains, 7 m., 4 to 8 in. dia.; 36 hyd.; pres., dom. 68 lbs.

CHELSEA, p. 1,350. F. dept.—1 h. & l. trk., 2 c. eng., 200 ft. hose; f. al., telp.; tot. mem., 23 vol.

No waterwks.

CHEROKEE, p. 2,016. F. dept.—1 c. eng.; hose, 100 ft.; f. al., firearms; tot. mem., 16 vol.

Water Supply—Src. Sand Points, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals.; dim. 125 ft. in height; mat., stl.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 4 m., 4 to 10 in. dia.; 4 hyd.; 10 v.; met., 62; pipe, galv. i.; pres., dom. 55 lbs., f. 125 lbs.; wks. owned by city; new waterwks. plant in course of construction.

CHESTER. F. dept. not reported.

No waterworks.

CHICASHAW, p. 14,000; f. area, 2,000 a.; merc. bldgs., bk., stn. & conc., 1 to 5 stor.; priv.,

bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 6 c. hand ex., 1 hose wag., 2 comb. c. & hose wag., 8 hra.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., telp.; val. equip., \$11,800; val. bldgs., \$14,000; exp. dept., \$11,704; tot. mem., 10, pd. full time; undra. rating, fourth class.

Water Supply—Src. riv.; sys., dir. pres.; stdp. cap., 500,000 gals.; pres., 65 to 100 lbs.; 300 hyd.

CLAREMORE, Rogers Co., p. 2,866. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 2 hose reels, 2 hra.; hose, cot., rub. lined, gd., 1,200 ft.; rub. gd., 150 ft.; inf., 900 ft.; tot. hose, 2,250 ft.; f. al., telp.; val. equip., \$3,000; tot. mem. 4, pd. full time 2, vol. 2.

Water Supply—Src. Verdigris riv., 4½ m. bus. cent.; sys., grav. & pump to stdp.; 2 stdp., cap. 80,000 gals. & 50,000 gals.; 2 res., cap. 800,000 gals. & 100,000 gals.; 1 pump. eng., class trip., cap. day, 720,000 gals.; mains, c. l., 12 m., 4 to 12 in. dia.; 88 hyd.; 60 v.; 200 met.; 400 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 120 lbs.; cons. day, 300,000 gals.; cost, \$160,000; wks. owned by city.

CLEVELAND, Pawnee Co., p. 1,810. F. dept.—1 comb. h. & l. wag., 2 c. hand ex., 2 hra.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., telp. & wh.; tot. mem., 13 vol., pd. full time 1.

Water Supply—Src. wells; sys., grav.; stdp. cap., 107,000 gals.; res. cap., 625,000 gals.; 2 pump. eng., cap. day 576,000 gals. each; mains, 4 m., 4 to 8 in. dia.; 19 hyd.; pres., dom. 37 lbs., f. 120 lbs.

CLINTON, Osage Co., p. 2,781. F. dept.—1 comb. c. & h. wag., 4 c. hand ex., 2 hose reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 2,100 ft.; f. al., telp. & wh.; val. equip., \$3,571; val. bldgs., \$6,000; exp. dept., \$1,088; tot. mem., 12 vol.

Water Supply—Src. Washita riv. & well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 65,000 gals.; dim., 20 x 20; mat., stl.; res. cap., 180,000 gals.; 4 pump. eng., cap. day, 1,000,000 gals.; mains, 8 m., 4 to 8 in. dia.; 56 hyd.; 95 v.; 325 met.; 325 serv.; pipe, stl.; pres., dom. 95 lbs., f. 125 lbs.; cons. day, 500,000 gals.; cost, \$84,606; cost mtee., \$7,200; wks. owned by city.

COALGATE, p. 3,255. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 hose reel, 2 hra.; hose, cot., rub. lined, gd., 2,300 ft.; inf., 400 ft.; tot. hose, 2,700 ft.; f. al., bell; val. equip., \$5,405; val. bldgs., \$8,000; exp. dept., \$2,255; tot. mem., 22, pd. full time 2, vol. 20.

Water Supply—Src. lake; sys., pump to stdp.; well cap., 20,000 gals.; stdp. cap., 80,000 gals.; 2 pump. eng., class dup., cap. day 750,000 gals. each; mains, 5 m., 4 to 8 in. dia.; 5 hyd.; pres., dom. 50 lbs., f. 110 lbs.

COMANCHE, p. 1,301. F. dept.—2 hand hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., firearms; tot. mem., 23 vol.

Water Supply—Src. well; sys., pump to stdp.; stdp. cap., 50,000 gals.; 2 pump. eng., class dup., cap. day 800,000 gals. each; mains, 4 m., 4 to 8 in. dia.; 24 hyd.; pres., dom. 65 lbs., f. 110 lbs.

CORDELL, p. 1,950. F. dept.—2 hand hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$500; exp. dept., \$300; tot. mem., 6 vol.

Water Supply—Src. well; sys., pump to stdp.; stdp. cap., 40,000 gals.; mains, 3 m., 4 to 8 in. dia.; 81 hyd.; pres., dom. 50 lbs., f. 75 lbs.

COWETA, p. 1,187. F. dept.—1 h. & l. trk., 2 c. eng., 150 ft. hose; f. al., firearms & telp.; tot. mem., 33 vol.

No waterwks.

CUSHING, p. 1,072; f. area, 1,280 a.; merc. bldgs., bk. & stn., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 2 hra.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., wh.; val. equip., \$5,000; val. bldgs., \$1,200; exp. dept., \$3,500; tot. mem. 12, pd. full time 3, pd. part time 9.

Water Supply—Src. deep well in town; sys., dir.; tower & tk. cap., 60,000 gals.; mat., stl.; res. cap., 60,000 gals.; 1 pump. eng., class comp. dup., cap. day 750,000 gals.; mains, c. l., 3 m., 4 to 8 in. dia.; 20 hyd.; 16 v.; pipe, c. l.; pres.,

dom. 40 lbs., f. 73 lbs.; cost, \$28,500; wks. owned by city.

CUSTER CITY, p. 1,000; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts; hose, rot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$150; tot. mem., 12 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 2 pump. eng., class trip., cap. day, 860,000 gals.; mains, 5½ m.; 22 hyd.; cost, \$28,000; wks. owned by city.

DAVIS, p. 2,000; f. area, 500 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels, 6 ladders; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$100; tot. mem., 25 vol.; undrs. rating, fourth class.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav. & dir. pres.; stdp. cap., 50,000 gals.; mat., stl.; 2 pump. eng., class comp. dup., cap. day, 864,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 40 hyd.; pres., dom. 60 lbs., f. 125 lbs.; cost, \$25,000; cost mtce., \$2,000; wks. owned by city.

DUKE, p. 500. F. dept.—2 c. eng.; vol. No waterwks.

DUNCAN, p. 2,477; merc. bldgs., bk., stn. & wd. F. dept.—1 h. & l. trk., 1 hose car. & team; hose, rub., gd., 2,000 ft.; tot. mem., 12 vol.

Water Supply—Src., well, 3 blocks bus. cent.; sys., pump to stdp. or dir.; stdp. cap., 121,440 gals.; dim., 14 x 105; mat., stl.; res. cap., 62,000 gals.; 2 pump. eng., class dup., cap. day, 200,000 gals.; mains, c. l., 7 m., 4 to 8 in. dia.; 71 hyd.; 15 v.; met., 325; 400 serv.; pipe, galv. l.; pres., dom. 45 lbs., f. 125 lbs.; cons. day, 80,000 gals.; cost, \$57,000; cost mtce., \$4,880; wks. owned by city.

DURANT, p. 5,330; merc. bldgs., bk. F. dept.—3 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. & l. trk., 1 hose wag., 5 hrs.; hose, rub., gd., 2,000 ft.; f. al., telp.; val. equip., \$7,000; val. bldgs., \$7,000; exp. dept., \$4,500; tot. mem., 11, pd. full time 4, pd. part time 7.

Water Supply—Src., riv., 5 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 400,000 gals.; size 25 x 120; mat., boiler l.; pump. eng., cap. day 1,500,000 gals.; mains, c. l., 5½ m., 4 to 12 in. dia.; 84 hyd.; met., 4; pipe, galv. l.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$85,000; cost mtce., \$1,500; wks. owned by city.

EDMOND, p. 2,090. F. dept.—1 c. hand eng., 200 ft. hose; f. al., bell; tot. mem., 21 vol. No waterwks.

ELK CITY, p. 8,165; f. area, 750 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 1 hose wag., 2 c. hand ex., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., telp.; val. equip., \$4,000; val. bldgs., \$6,000; exp. dept., \$3,000; tot. mem., 12, pd. full time 2, pd. part time 10.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 60,000 gals.; res. cap., 65,000 gals.; 2 pump. eng., class dup., cap. day 500,000 gals. each; mains, 4½ m., 2 to 8 in. dia.; 24 hyd.; pres., dom. 50 lbs., f. 100 lbs.

EL RENO, p. 7,872; f. area, 2½ m.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 hose wag., 2 hose carts, 4 hrs.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$4,000; exp. dept., \$2,500; tot. mem., 18 vol.; undrs. rating, third class.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 127,000 gals.; dim. 12 x 152, loc. ½ m. town; mat., stl.; 5 pump. eng., class trip. & dup., cap. day, 1,800,000 gals.; mains, c. l., 16½ m., 4 to 12 in. dia.; 145 hyd.; 90 v.; met., 900; 1,200 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 90 lbs.; cost, \$160,000; cost mtce., \$10,000; wks. owned by city.

ENID, p. 18,799; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt.

ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 1 str.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 20 bx., & wh.; tot. mem. 12, pd. full time; undrs. rating, fourth class.

Water Supply—Src., wells; sys., pump dir.; 2 res., cap. 1,000,000 gals. each; 2 pump. eng., cap. day 6,000,000 gals.; mains, 36 m., 4 to 14 in. dia.; 154 hyd.; 400 serv.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 400,000 gals.; cost, \$115,000; cost mtce., \$12,000; wks. owned by city.

EUFAULA, p. 1,307. F. dept.—2 hand hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp. & wh.; tot. mem., 15 vol.

Water Supply—Src., creek; sys., pump to stdp.; stdp. cap., 50,000 gals.; 1 pump. eng., class trip., cap. day 500,000 gals.; mains, 3 m., 4 to 8 in. dia.; 32 hyd.; pres., dom. 75 lbs., f. 120 lbs.

FAIRFAX, p. 1,000. F. dept.—Not reported.
Water Supply—Src., well, 2½ m. bus. cent.; sys., pump to res.; res. cap., 240,000 gals.; 2 pump. eng., class trip., cap. day 720,000 gals.; mains, c. l., 7 m., 4 to 8 in. dia.; 25 hyd.; 17 v.; 140 met.; 140 serv.; pipe, galv. l.; pres., dom. 87 lbs., f. 87 lbs.; cons. day, 400,000 gals.; cost, \$88,000; cost mtce., \$1,500; wks. owned by city.

FAIR VIEW, p. 2,020. F. dept.—1 hand c. eng. wag., 3 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$2,500; tot. mem., 20 vol.

Water Supply—Src., wells, 8 m. bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals.; dim., 16 x 100; mat., stl.; res. cap., 200,000 gals.; 2 pump. eng., cap. day, 360,000 gals.; mains, c. l. & wd., 14 m., 2 to 8 in. dia.; 33 hyd.; 280 met.; pipe, c. l. & wd.; pres., f. 80 lbs.; cons. day, 140,000 gals.; cost mtce., \$1,100; wks. owned by city.

FREDERICK, p. 3,027; f. area, 640 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 comb. c. & h. wag., 2 c. hand ex., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., telp.; val. equip., \$4,288; val. bldgs., \$25,000; exp. dept., \$2,500; tot. mem., 12, pd. full time 2, pd. part time 10.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 80,000 gals.; 1 pump. eng., class trip., cap. day 144,000 gals.; mains, 3 m., 4 to 8 in. dia.; 41 hyd.

GAGE, p. 924; f. area, 320 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—20 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., telp. & wh.; val. equip., \$2,000; val. bldgs., \$100; tot. mem., 17 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; mat., stl.; res. cap., 60,000 gals.; 2 pump. eng., cap. day 800,000 gals.; mains, c. l., 3 m., 4 to 8 in. dia.; 6 hyd.; 24 serv.; pipe, c. l.; pres., dom. 44 lbs., f. 150 lbs.; cost, \$30,000; wks. owned by city.

GEARY, p. 1,452. F. dept.—3 c. hand ex., 1 hose reel, 1,500 ft. hose; f. al., bell & wh.; val. equip., \$1,400; val. bldgs., \$250; exp. dept., \$100; tot. mem., 14 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 80,000 gals.; 2 pump. eng., class dup., cap. day 500,000 gals. each; mains, 6 m., 4 to 6 in. dia.; 26 hyd.; pres., dom. 55 lbs., f. 125 lbs.

GOTEBE, p. 740; f. area, 20 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—2 c. eng., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; tot. mem., 12 vol.

Water Supply—Not reported.

GUTHRIE, p. 11,654; f. area, 7,920 a.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—9 c. hand ex., 1 str., 1 h. & l. trk., 1 auto. trk., 2 hose wag., 7 hrs.; hose, cot., rub. lined, gd., 10,000 ft.; f. al., bell & wh.; val. equip., \$30,000; val. bldgs., \$12,000; exp. dept., \$9,874; tot. mem., 18, pd. full time 12, pd. part time 1.

Water Supply—Src., wells, conduit & creek, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals., dim. 16 x 100, loc. east part of city;

mat., stl.; 2 pump. eng., class comp. dup., cap. day 3,000,000 gals.; mains, c. i., 16½ m., 4 to 12 in. dia.; 120 hyd.; 60 v.; 875 met.; 1,353 serv.; pipe, galv. i. & lead; pres., dom. 80 lbs., f. 140 lbs.; cons. day 600,000 gals.; cost, \$170,000; cost mtce., \$9,212; wks. owned by city.

GUYPON, p. 1,342. F. dept.—1 comb. c. & h. wag., 1 h. & 1 trk., 2 c. hand ex., 4 hrs., 1,000 ft. hose; f. al., telp. & wh.; tot. mem. 35, pd. full time 1, vol. 34.

Water Supply—Src., wells; cons. day, 48,000 gals.; mains, 6 to 8 in. dia.; 18 hyd.

HAILEYVILLE, p. 2,000; f. area, 300 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 100 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 500 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$5,000; exp. dept., \$81; tot. mem., 27 vol.; undrs. rating, fifth class.

Water Supply—Src., lake, 2 m. bus. cent.; sys., grav.; stdp. cap., 85,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 59 hyd.; 23 v.; 215 met.; 215 serv.; pres., dom. & f., 45 to 115 lbs.; cons. day, 180,000 gals.; cost, \$60,000; cost mtce., \$200; wks. owned by city.

HARTSHORNE, p. 3,500; f. area, 640 a. F. dept.—3 hose carts; val. equip., \$1,800; tot. mem., 9 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., dir. pres.; 2 pumps, cap. day 1,296,000 gals.; 48 hyd.; 48 v.; pres. dom. 65 lbs., f. 65 to 100 lbs.; cost, \$80,000; cost mtce., \$4,000; wks. owned by city.

HEAVENER, p. 3,500; f. area, 340 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$400; exp. dept., \$800; tot. mem., 15, pd. full time; undrs. rating, fourth class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day, 400,000 gals.; mains, 7 m.; 40 hyd.; 60 v.; 250 serv.; pres., dom. & f. 103 lbs.; cost, \$30,000; cost mtce., \$2,500; wks. owned by city.

HENNESSY, p. 1,665; f. area, 160 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., bk. & wd., 1 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—40 c. ex., 1 h. & 1 trk., 1 auto. hose wag.; hose, 2,000 ft.; f. al., bell; val. equip., \$3,500; tot. mem., 16 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 50,000 gals.; mat., stl.; pump. eng., class dup.; 31 hyd.; pres., dom. 47 lbs., f. 75 lbs.; cost, \$18,000; wks. owned by city & Co.

HENRYETTA, p. 1,671; f. area, 360 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area on 2 stor. bldgs. only; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 auto comb. c. & h. wag., 1 h. & 1 trk., 2 hose reels; hose, cot., rub. lined, gd., 1,750 ft.; inf., 250 ft.; tot. hose, 2,000 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$1,200; exp. dept., \$1,900; tot. mem. 35, pd. full time 1, pd. part time 2, vol. 32.

Water Supply—Src., lake, 1½ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 142,000 gals., dim. 22 x 52; 2 centrif. pump. eng., cap. day 1,440,000 gals.; wks. owned by city.

HINTON, p. 1,000; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., equipped with hose & buckets; f. al., bell; val. equip., \$1,000; val. bldgs., \$100; vol.; undrs. rating, fifth class.

Water Supply—Src., well, ¾ m. bus. cent.; sys., pump dir.; stdp. cap., 60,000 gals.; 2 pump. eng., cap. day 115,200 gals.; mains, 5 m., 2 to 6 in. dia.; 27 hyd.; 28 v.; 50 serv.; pres., dom. & f., 55 lbs.; cons. day, 25,000 gals.; cost, \$35,000; wks. owned by city.

HOBART, p. 3,845. F. dept.—1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,750 ft.; inf., 750 ft.; tot. hose, 2,500 ft.; f. al., telp. & bell; tot. mem., 14, pd. full time 2, pd. part time 2, vol. 10.

Water Supply—Src., creek; sys., pump to stdp.; stdp. cap., 100,000 gals.; res. cap., 800,000 gals.; 2 pump. eng., class dup., cap. day 3,000,000 gals.; mains, 4 to 8 in. dia.; 180 hyd.; pres., dom. 52 lbs., f. 100 lbs.

HOLDENVILLE, p. 2,298. F. dept.—1 hose wag., 1,200 ft. hose; f. al., wh.; val. equip., \$1,500; val. bldgs., \$12,000; exp. dept., \$200; tot. mem., 9 vol.

Water Supply—Src., res. & riv., 3 & 6 m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; res. cap., 65,000,000 gals.; 2 pump. eng., class dup., cap. day 3,000,000 gals.; mains, c. i., 6 m., 2 to 8 in. dia.; 75 hyd.; 30 v.; 200 met.; 450 serv.; pres., dom. 90 lbs., f. 125 lbs.; cons. day, 300,000 gals.; cost, \$125,000; cost mtce., \$5,000; wks. owned by city.

KINGFISHER, p. 2,538; f. area, 640 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 comb. ladder & hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., telp. & bell; val. equip., \$2,640; val. bldgs., \$100; exp. dept., \$1,314; tot. mem., 12, pd. full time 1, pd. part time 11; undrs. rating, 4½ class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals.; mat., stl.; res. cap., 15,000,000 gals.; 2 pump. eng., class comp. trip., cap. day 1,000,000 gals.; mains, c. i., 6 m., 4 to 10 in. dia.; 40 hyd.; 13 v.; met., 250; 265 serv.; pres., dom. 70 lbs., f. 120 lbs.; cons. day, 75,000 gals.; cost, \$100,000; cost mtce., \$2,000; wks. owned by city.

KRESS, p. 8,000; f. area, 150 a. F. dept.—c. hand ex., 1,600 ft. hose; val. equip., \$2,000; val. bldgs., \$100; vol.

Water Supply—Src., res.; sys., dir. pres.; 50 hyd.; pres., dom. & f. 50 lbs.; cost, \$65,000; wks. owned by city.

LAWTON, p. 7,788; f. area, 960 acres; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. hose, c. & ladder wag., 8 c. hand ex., 2 c. eng., 3 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., bell; val. equip., \$14,000; val. bldgs., \$23,000; exp. dept., \$8,500; tot. mem., 7, pd. full time.

Water Supply—Src., artificial lake covering 100 a., 11 m. Lawton in Wichita Mountains, cap. 5,000,000,000 gals.; sys. grav.; pres., 85 lbs.; 1,730 taps; cost, \$478,410; wks. owned by municipality.

MCALISTER, p. 12,954. F. dept.—1 comb. h. & 1 trk., 2 hose wag., 1 chief's buggy, 4 hand c. ex., 8 hrs.; hose, cot. jacket, gd., 4,000 ft.; f. al., Gamewell & telp.; tot. mem. 15, pd. full time 5, vol. 10.

Water Supply—Src., 2 artificial lakes & creek, 8 m. bus. cent.; sys., pump to stdp.; stdp. cap., 450,000 gals.; res. cap., 2,000,000 gals.; 3 pump. eng., class dup., cap. day 4,000,000 gals.; mains, c. i., 25 m., 4 to 16 in. dia.; 220 hyd.; 120 v.; 1,750 met.; 2,187 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 120 lbs.; cons. day, 600,000 gals.; cost, \$750,000; cost mtce., \$76,000; wks. owned by city.

MADILL, p. 1,564. F. dept.—2 hand hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., firearms; tot. mem., 20 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 50,000 gals.; 1 pump. eng., class dup., cap. day 450,000 gals.; mains, 2 m., 4 to 8 in. dia.; 50 hyd.; pres., dom. 40 lbs., f. 95 lbs.

MANGUM, p. 3,667; f. area, 640 a.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 800 ft.; tot. hose, 3,300 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$12,500; exp. dept., \$2,800; tot. mem., 10, pd. full time 4, pd. part time 6; undrs. rating, fourth class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 85,000 gals.; mat., c. i. & stl.; 3 pump. eng., cap. day, 960,000 gals.; mains, c. i., 12 m., 4 to 8 in. dia.; 81 hyd.; 25 v.; 200 met.; 500 serv.; pres., dom. 35 lbs., f. 110 lbs.; cons. day, 900,000 gals.; cost, \$85,000; cost mtce., \$10,000; wks. owned by city.

MARIETTA, p. 1,546. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 2 hand hose carts, 2 hrs.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., wh.; val. equip., \$2,900; val. bldgs., \$5,000; exp. dept., \$850; tot. mem., 11, pd. full time 1, vol. 10.

Water Supply—Src., wells, 1 m. bus. cent.; sys. grav.; stdp. cap., 100,000 gals.; res. cap., 60,000 gals.; pump. eng., class dup., cap. day, 500,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 64 hyd.; pres., dom. 50 lbs., f. 100 to 125 lbs.; cons. day, 70,000 gals.; wks. owned by city.

MARLON, p. 2,000; f. area, 280 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—25 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp.; val. equip., \$1,250; tot. mem. 36, 12 active, 12 associate, 12 vol.

MARLOW, p. 1,965. F. dept.—2 hand hose carts; hose, rub. lined, gd., 1,000 ft.; f. al., firearms & telp.; tot. mem., 12 vol.

Water Supply—Src., creek & wells; sys. grav.; res. cap., 70,000 gals.; 2 pump. eng., class dup., cap. day, 500,000 gals.; mains, 2½ m., 4 to 8 in. dia.; 20 hyd.; pres., dom. 50 lbs., f. 150 lbs.

MEDFORD, p. 1,110; f. area, 6 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.; val. equip., \$1,500; tot. mem. 25, pd. \$2 for attending each f.

Water Supply—Src., well, 1½ m. bus. cent.; sys. dir. & grav.; stdp. & res. combined cap., 100,000 gals.; mat., iron; 2 pump. eng., class complex, cap. day 1,000,000 gals.; pres., dom. 42 lbs., f. 75 lbs.; cons. day, 22,000 gals.; cost, \$37,000; cost mtce., \$1,200; wks. owned by city.

MIAMI, p. 2,907. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 1,450 ft.; inf., 600 ft.; tot. hose, 2,050 ft.; f. al., telp.; val. equip., \$3,282; val. bldgs., \$5,000; exp. dept., \$3,000; tot. mem. 15, pd. full time 3, vol. 12.

Water Supply—Src., artesian well, 2½ blocks bus. cent.; sys., pump to res.; res. cap., 100,000 gals.; mains, conc., 12 to 40 ft.; 2 pump. eng., cap. 750,000 gals. day; mains, iron, 3½ m., 4 to 10 in. dia.; 25 hyd.; pres., dom. 40 lbs., f. 80 lbs.

MUSKOGEE, p. 25,278; f. area, 16,000 a.; merc. bldgs., stn. & bk., 1 to 10 stor.; priv., wd., bk. & stn., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—3 str., 1 c. eng., 1 chief's auto., 3 auto., 1 h. & l. trk., 1 aer. trk., 2 comb. c. & h. wag., 18 c. hand ex., 2 hose wag., 15 hrs.; hose, cot., rub. lined, gd., 8,500 ft.; f. al., Gamewell, 46 bx.; val. equip., \$48,000; val. bldgs., \$38,000; tot. mem. 34, pd. full time.

Water Supply—Src., Grand riv., 6 m. bus. cent.; sys., pump to res. & stdp. & dir., ½ m. bus. cent.; res. cap., 6,000,000 gals., loc. 160 ft. above & 3 m. bus. cent.; 6 pump. eng., cap. day 13,000,000 gals.; mains, c. l., 72 m., 6 & 24 in. dia.; 622 hyd.; 485 v.; pres., dom. 65 lbs., f. 100 lbs.; cost, \$987,278; wks. owned by city.

NEWKIRK, p. 1,992; f. area, 320 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., gd., 1,200 ft.; f. al., telp. & bell, street bx.; val. equip., \$1,500; tot. mem., 24 vol.; undra. rating, fifth class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav.; stdp. cap., 100,000 gals.; res. cap., 100,000 gals.; 4 pump. eng., cap. day 10,000,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 82 hyd.; 9 v.; 3 met.; 3 serv.; pres., dom. 67 lbs., f. 110 lbs.; cons. day, 200,000 gals.; cost, \$1,380; cost mtce., \$100; wks. owned by city.

NORMAN, p. 3,724; f. area, 640 a.; bldgs., bk. & stn., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; linen, gd., 500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., telp.; tot. mem., 18 vol.; undra. rating, second class.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 86,000 gals., dim. 12 x 100, loc. 4 blocks bus. cent.; res. cap., 131,000 gals.; 1 pump. eng., cap. day 120,000 gals.; mains, c. l., 3 m., 4 to 8 in. dia.; 30 hyd.; 12 v.;

met., 279; 277 serv.; pipe, galv. l.; pres., dom. 40 lbs., f. 110 to 125 lbs.; cons. day, 30,000 gals.; cost, \$22,500; cost mtce., \$2,000; wks. owned by city.

NOWATA, p. 3,672. F. dept.—2 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., telp.; val. equip., \$3,669; val. bldgs., \$3,000; exp. dept., \$2,400; tot. mem., 9, pd. full time 2, vol. 7; undra. rating, 5½ class.

Water Supply—Src., Verdegris riv., 5 m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; res. cap., 1,300,000 gals.; 3 pump. eng., class trip., cap. day 2,112,000 gals.; mains, 2 to 8 in. dia.; 72 hyd.; pres., dom. 65 lbs., f. 100 lbs.; cost, \$155,000; cost mtce., \$10,000.

OKEENE, p. 920; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—2 comb. c. & h. wag., 1 c. eng., 2 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$100; tot. mem., 12 vol.

Water Supply—Src., stdp.; sys., pump. dir.; stdp. cap., 25,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 3 m., 6 to 10 in. dia.; 26 hyd.; cost, \$35,000; wks. owned by city.

OKEMAH, p. 1,889. F. dept.—2 c. eng.; hose, 200 ft.; f. al., telp. & firearms; tot. mem., 15 vol. No waterwks.

OKLAHOMA CITY, p. 64,205; f. area, 17 sq. m.; merc. bldgs., conc., cem., bk. & stn., 1 to 13 stor.; priv., bk., stn. & wd., 1 to 5 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—7 str., 8 comb. c. & h. wag., 40 c. hand ex., 2 auto. comb. c. & h. wag., 3 chief's auto., 1 aer. trk., 3 h. & l. trk., 1 water tower, 42 hrs.; hose, cot., rub. lined, gd., 29,000 ft.; c. 3,000 ft.; tot. hose, 32,000 ft.; f. al., Gamewell, 136 bx.; val. equip. & bldgs., \$200,000; exp. dept., \$90,000; tot. mem., 75, pd. full time.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., pump dir.; 8 pump. eng., cap. day 50,500,000 gals.; mains, c. l., 143 4-6 m., 4 to 24 in. dia.; 795 hyd.; 769 v., 2,206 serv.; 7,378 met.; pipe, galv. l. & lead; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 10,000,000 gals.; cost, \$138,000; cost mtce., \$12,000; wks. owned by city.

OKMULGEE, p. 4,176. F. dept.—1 hose wag.; hose, 1,000 ft.; f. al., telp. & wh.; tot. mem., 10 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 70,000 gals.; res. cap., 700,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 4 m., 6 to 12 in. dia.; 48 hyd.; pres., dom. 60 lbs., f. 125 lbs.

OLUSTEE, p. 1,000; f. area, 160 a. F. dept.—2 hose carts, 1,000 ft. hose; f. al., bell; val. equip., \$1,250; tot. mem. 17, pd. part time; undra. rating, fifth class.

Water Supply—Src., well; sys., pump; pump. eng., cap. 201,600 gals. day; 18 hyd., mains, 41 blocks; pres., dom. 44 lbs., f. 100 lbs.; cost, \$26,000; cost mtce., \$450; wks. owned by city.

PAULS VALLEY, p. 2,689; f. area, 300 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 c. hand ex., 1 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; mem. 22, full time 2, vol. 20.

Water Supply—Src., well, ¼ m. bus. cent.; sys. grav. & pump dir.; stdp. cap., 80,000 gals., dia. 21 x 24; mat., stl. & iron; res. cap., 80,000 gals., loc. in cent. city; 2 pump. eng., class dup. comp. cap. day 2,000,000 gals.; mains, stl., 6 m., 4 to 8 in.; 40 hyd.; 13 v.; met., 14; 80 serv.; pipe, iron; pres., dom. 65 lbs., f. 125 lbs.; cost, \$43,000; cost mtce., \$780; wks. owned by city.

PAWHUSKA, p. 2,776; f. area, 1,200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., telp.; val. equip., \$3,450; val. bldgs., \$2,000; exp. dept., \$1,800; tot. mem., 5, pd. full time 2, vol. 3; undra. rating, 4½ class.

Water Supply—Src., creek, situated 2 m. bus. cent.; sys., dir. pres.; res. cap., 60,000,000 gals.; 2 pump. eng., cap. day, 500,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 40 hyd.; 40 v.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$97,000.

PAWNEE, p. 2,161; f. area, 160 a.; bldgs. stn., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 2 hose reels; hose, gd., 2,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$400; tot. mem., 16, pd. part time 1, vol. 15.

Water Supply—Src., creek; sys., pump to stdp.; stdp. dim., 27 ft. dia.; 2 pump. eng.; mains, 3 m., 14 hyd.; met., 5; 75 serv.; pres., dom. 75 lbs., f. 80 lbs.; cost, \$20,000; cost mtce., \$2,000; wks. owned by city.

PERKINS, p. 800; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 1 c. cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$100; exp. dept., \$500; tot. mem., 16 vol.; undrs. rating, 4½ class.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day, 50,000 gals.; mains, 3 m.; 25 hyd.; 50 v.; pres., dom. 45 lbs., f. 100 lbs.; cost, \$20,000; wks. owned by city.

PERRY, p. 3,138; f. area, 600 a.; merc. bldgs., wd., stn. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—6 c. ex., 1 h. & l. trk., 2 hrs.; hose, cot., gd., 2,000 ft.; elec. wh. al.; val. equip., \$1,800; exp. dept., \$1,450; tot. mem., 15, pd. full time; undrs. rating, third class.

Water Supply—Src., res., 1 m. bus. cent.; sys., pump to res.; res. cap., 165,000,000 gals.; 2 pump. eng., class dup., cap. day, 4,000,000 gals.; mains, 6 m., 4 to 10 in. dia.; 40 hyd.; 80 met.; 160 serv.; pres., dom. 50 lbs., f. 130 lbs.; cons. day, 150,000 gals.; wks. owned by city.

PONCA, p. 2,521; f. area, 80 blocks; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—21 c. hand ex., 2 aer. trk., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft., inf., 300 ft.; tot. hose, 2,300 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$10,000; exp. dept., \$900; tot. mem., 17, pd. full time 1, pd. part time 16; undrs. rating, fifth class.

Water Supply—Src., well, 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 10 x 27, loc. cent. of town; mat., stl.; res. cap., 100,000 gals.; 8 pump. eng., cap. day, 360,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 57 hyd.; 100 v.; 600 met.; 600 serv.; pres., dom. 50 lbs., f. 140 lbs.; cons. day, 290,000 gals.; cost, \$105,000; wks. owned by city.

POND CREEK, p. 1,113; f. area, ½ m.; merc. bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. h. ex., 2 hose wag., hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$2,500; tot. mem., 19 vol.; undrs. rating, second class.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 60,000 gals.; 2 pump. eng., class dup., cap. day 1,400,000 gals.; mains, 4 to 8 in. dia.; 27 hyd.; pres., dom. 45 lbs., f. 100 lbs.

POTEAU, p. 1,830; f. area, 300 a.; merc. bldgs., bk. & stn., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—hose, 1,000 ft.; undrs. rating, fifth class.

Water Supply—Src., lake; sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; res. cap., 165,000 gals.; mains, 8 to 6 in. dia.; 32 hyd.; pres., dom. 80 lbs., f. 110 lbs.

PRAGUE, p. 1,025. F. dept.—1 str., 1 comb. c. & h. wag., 3 hose wag., 3 hose reels; hose, cot., rub. lined, gd., 1,800 ft.; f. al., wh.; val. equip., \$30,000; val. bldgs., \$5,000; tot. mem., 35, pd. part time 15, vol. 20.

Water Supply—Src., wells, ½ m. bus. cent.; sys., grav.; stdp. cap., 70,000 gals.; mat., stl.; res. cap., 75,000 gals.; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. l., 10 m., 2 to 8 in. dia.; 21 hyd.; 105 met.; 109 serv.; pipe, galv. l.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 36,000 gals.; cost, \$25,000; wks. owned by city.

PURCELL, p. 2,740. F. dept.—1 comb. h. & l. wag., 2 hand c. ex., 1 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 2,700 ft.; inf., 300 ft.; tot. hose, 3,000 ft.; f. al., telp. & wh.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$2,500; tot. mem., 13, pd. full time 1, pd. part time 1, vol. 10.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 100,000 gals.; res. cap., 520,000 gals.; 2 pump. eng., class comp. dup., cap. day, 1,000,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 58 hyd.; 200 met.; 250 serv.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 75,000 gals.; cost, \$75,000; wks. owned by city.

RALSTON, p. 597. F. dept.—Not reported.

Water Supply—Src., well, ¼ m. bus. cent., sys., pump to stdp.; stdp. cap., 50,000 gals.; mat., stl.; res. cap., 50,000 gals.; 1 pump. eng., cap. day 500,000 gals.; mains, 1 m., 6 to 10 in. dia.; 20 hyd.; met., 10; pipe, iron; cons. day, 8,000 gals.; cost, \$1,900; cost mtce., \$1,000; wks. owned by city.

RAMONA, p. 725; f. area, 2 blocks; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 c. hand ex., 3 hose reels; hose, rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,800; vol.; undrs. rating, fifth class.

Water Supply—Not reported.

RYAN, p. 2,000; f. area, 400 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 complete hose reels and equipment; f. al., bell; val. equip., \$1,500; val. bldgs., \$500; exp. dept., \$150; tot. mem., 30 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day, 100,000 gals.; 38 hyd.; pres., dom. 90 lbs., f. 120 lbs.; cost, \$50,000; wks. owned by city.

SALLISAW, p. 2,479; f. area, 10 sq. blocks; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. h. & l. & hose wag., 2 c. hand ex., 1 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 1,750 ft.; f. al., telp., bell & wh.; val. equip., \$5,000; val. bldgs., \$600; exp. dept., \$1,400; tot. mem., 14, pd. full time 1, vol. 13.

Water Supply—Src., creek; sys., pump to stdp.; stdp. cap., 50,000 gals.; 1 pump. eng., class dup.; mains, 4 2-5 m., 2 to 8 in. dia.; 48 hyd.

SAPULPA, p. 8,283; f. area, 160 a.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. pump & hose wag., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; rub. lined, gd., 200 ft.; tot. hose, 6,200 ft.; f. al., Gamewell, 28 bx.; val. equip., \$23,550; val. bldgs., \$15,000; tot. mem., 18, pd. full time 8, vol. 10.

Water Supply—Src., wells & creek, 1½ m. bus. cent.; sys., dir. pres.; res. cap., 850,000,000 gals.; 3 pump. eng., cap. day 6,000,000 gals.; mains, 40 m., 4 to 30 in. dia.; 345 hyd.; 187 v.; met., 200; 2,000 serv.; pipe, c. l.; pres., dom. 70 lbs., f. 150 lbs.; cons. day, 2,000,000 gals.; cost mtce., \$10,000; wks. owned by city.

SAYRE, p. 1,881. F. dept.—2 hand hose reels; hose, cot., rub. lined, gd., 1,950 ft.; inf., 50 ft.; tot. hose, 2,000 ft.; f. al., telp. & wh.; tot. mem., 18 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 50,000 gals.; 1 pump. eng., class dup., cap. day 720,000 gals.; mains, 2 m., 4 to 8 in. dia.; 23 hyd.; pres., dom. 65 to 70 lbs., f. 125 lbs.

SHAWNEE, p. 12,474; f. area, 3,000 a.; merc. bldgs., stn. & bk., 1 to 5 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 10 c. hand ex., 1 comb. c. & h. wag., 1 comb. c. & h. auto. trk., 2 hose wag., 7 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; f. al., bell; val. equip., \$12,995; val. bldgs., \$5,000; tot. mem., 10, pd. full time.

Water Supply—Src., North Canadian riv., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals., dim. 22 x 48; mat., stl.; 4 pump. eng., class comp. dup., cap. day 2,000,000 gals.; each; mains, c. l., 27 m., 4 to 14 in. dia.; 178 hyd.; met., 1,850; 1,900 serv.; pipe, galv. l.; pres., dom. 90 lbs., f. 125 lbs.; cons. day, 1,000,000 gals.; cost, \$206,000; cost mtce., \$14,000; wks. owned by city.

SNYDER, p. 1,122. F. dept.—2 hand hose reels; hose, 1,000 ft.; f. al., telp. & wh.; tot. mem., 25 vol.

Water Supply—Src., well; sys., pump to stdp.;

stdp. cap., 50,000 gals.; 1 pump. eng., class dup., cap. day 750,000 gals.; mains, 1½ m., 4 to 8 in. dia.; 18 hyd.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 25,000 gals.

SOUTH McALESTER; f. area, 4,000 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 comb. c. & h. wag., c. hand ex., 2 hose wag., chief's buggy; hose, cot., rub. lined, gd., 3,500 ft.; inf., 1,000 ft.; tot. hose, 4,500 ft.; f. al., Gamewell, 18 bx.; val. equip., \$17,140; val. bldgs., \$13,900; exp. dept., \$13,407; tot. mem. 12, pd. full time 11, pd. part time 1.

Water Supply—Src., watershed, 3½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 450,000 gals., dim. 30 x 85; mat., stl.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 11 m., 5 to 16 in. dia.; 117 hyd.; met., 800; 300 serv.; pipe, lead & galv. l.; pres., dom. 80 lbs., f. 125 lbs.; cost, \$200,000; wks. owned by city.

STIGLER, p. 2,000; f. area, 600 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—c. eng., c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; tot. mem., 20 vol.

Water Supply—Src., dam across ravine, 1¼ m. bus. cent.; sys., pump to stdp.; res. cap., 70,000 gals.; mains, c. l., 2 to 8 in. dia.; 60 hyd.; 25 v.; pipe, galv. l.; cost, \$75,000; wks. owned by city.

STILLWATER, p. 3,444; f. area, 120 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., wh. & telp.; val. equip., \$3,000; val. bldgs., \$2,500; exp. dept., \$2,400; tot. mem., 15, pd. full time 3, pd. part time 6, vol. 6.

Water Supply—Src., wells & strm., 1 m. bus. cent.; sys., grav. & pump dir.; stdp. cap., 100,000 gals., dim. 22 x 39; mat., iron; 2 pump. eng., class comp. dup., cap. day 993,000 gals.; mains, iron, 8 m., 4 to 8 in. dia.; 32 hyd.; 18 v.; 412 serv.; pipe, galv. l.; pres., dom. 55 lbs., f. 130 lbs.; cons. day, 200,000 gals.; cost, \$104,000; wks. owned by city.

STILLWELL, p. 2,000; f. area, 320 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,500; tot. mem., 24 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; mat., iron; res. cap., 300,000 gals.; mains, mat., iron, 4 to 6 in. dia.; pipe, iron; pres., dom. 45 lbs., f. 60 lbs.; wks. owned by city.

STROUD, p. 1,220. F. dept.—2 hand hose carts, 1,500 ft. hose; f. al., telp., wh. & bell; tot. mem., 15 vol.

Water Supply—Src., well; sys., grav.; 2 pump. eng., class comp. dup., cap. day 500,000 gals. each; 1 pump. cap. 86,000 gals. day, loc. in sub-station at creek; mains, 3 m., 4 to 8 in. dia.; 26 hyd.; pres., dom. 40 lbs., f. 80 lbs.

SULPHUR, p. 3,684. F. dept.—1 comb. c. & hose wag., 3 c. hand ex., 2 hand reels, 2 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 600 ft.; tot. hose, 2,800 ft.; f. al., telp. & wh.; val. equip., \$4,575; val. bldgs., \$1,200; exp. dept., \$1,200; tot. mem., 14, pd. full time 1, pd. part time 4, vol. 9.

Water Supply—Src., spr. & wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. l., 9 m., 4 to 12 in. dia.; 51 hyd.; 21 v.; 500 serv.; pres., dom. & f., 110 lbs.; cons. day, 50,000 gals.; cost, \$65,000; cost mtce., \$5,000; wks. owned by city.

TAHLEQUAH, p. 2,891; merc. bldgs., bk. & stn., 2 to 3 stor.; wd. rfs. not perm. in bus. section; fwks. & combt. ord. F. dept.—Comb. c. & h. wag., c. hand ex., h. & l. trk., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; tot. mem., 21.

Water Supply—Src., spr., ½ m. bus. cent.; sys., pump to res.; res. cap., 400,000 gals.; 2 pump. eng., class comp., cap. day, 1,000,000 gals.; mains, c. l.,

10 m., 4 to 10 in. dia.; 80 hyd.; 50 v.; 115 met.; 350 serv.; pipe, c. l.; pres., dom. & f. 80 lbs.; cons. day, 180,000 gals.; cost, \$75,000; wks. owned by city.

TECUMSEH, p. 1,626; f. area, 100 a.; merc. bldgs., bk., stn., conc. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. wag., 2 hose reels; hose, cot., rub. lined, gd., 1,100 ft.; f. al., telp.; val. equip., \$2,500; val. bldgs., \$600; tot. mem., 12 vol.; undrs. rating, third class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 50,000 gals.; res. cap., 30,000 gals.; 1 pump. eng., class comp. dup., cap. day 720,000 gals.; mains, 4½ m., 6 to 10 in. dia.; 40 hyd.; pres., dom. 45 lbs., f. 130 lbs.

TEMPLE, p. 852. F. dept.—1 hand hose reel; hose, cot., rub. lined, gd., 1,100 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., lake; sys., pump to stdp.; stdp. cap., 60,000 gals.; mains, 2½ m., 6 in. dia.; 6 hyd.

THOMAS, p. 1,371. F. dept.—2 hand hose carts, 1 c. eng., 2 hrs.; hose, rub. lined, gd., 1,000 ft.; f. al., telp. & wh.; tot. mem., 14 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 55,000 gals.; res. cap., 40,000 gals.; 1 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, 2 m., 4 to 8 in. dia.; 26 hyd.; pres., dom. 70 lbs., f. 100 lbs.; cons. day, 20,000 gals.

TISHOMINGO, p. 1,408. F. dept.—1 h. & l. trk., 2 hand hose reels, 2 hand c. ex.; hose, rub. lined, gd., 1,000 ft.; f. al., telp., bell & wh.; vol. f. dept.

Water Supply—Src., creek; sys., pump to stdp.; stdp. cap., 80,000 gals.; 1 pump. eng., class trip., cap. day 800,000 gals.; mains, 3 m., 4 to 8 in. dia.; 23 hyd.; pres., dom. 56 lbs., f. 120 lbs.

TULSA, p. 18,182; bldgs., bk., stn. & conc. in f. area. F. dept.—2 auto. comb. c. & h. eng., 1 auto aer. trk., 1 comb. c. & h. wag., 1 str., 5 c. hand ex., 1 hose wag., 1 chief's auto., 1 buggy, 9 hrs.; hose, cot., rub. lined, gd., 13,000 ft.; f. al., Gamewell, 62 bx.; tot. mem. 32, pd. part time.

Water Supply—Src., Arkansas riv.; sys., grav. & pump; stdp. cap., 117,000 gals.; 4 pump. eng., class comp., cap. day 20,000,000 gals.; mains, 6 to 20 in. dia.

VINITA, p. 4,082; merc. bldgs., mostly bk. F. dept.—1 h. & l. trk.; hose, cot., rub. gd., 1,700 ft.; f. al., telp.; tot. mem. 21, 3 pd. full time, 18 vol.

Water Supply—Src., artesian well; sys., pump to stdp.; stdp. cap., 70,000 gals.; res. cap., 900,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, 14 m., 6 to 12 in. dia.; 104 hyd.; pres., dom. 48 lbs., f. 140 lbs.

WAGONER, p. 4,018; f. area, 9 blocks; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 2 hose reels, 6 c. hand ex., 8 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 600 ft.; tot. hose, 2,400 ft.; f. al., elec. & telp.; val. equip., \$3,300; val. bldgs., \$15,000; exp. dept., \$4,000; tot. mem., 11, pd. full time 3, vol. 8; undrs. rating, fourth class.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 1 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, 5 m., 6 to 10 in. dia.; 67 hyd.; pres., dom. 52 lbs., f. 90 lbs.

WALTERS, p. 2,000; f. area, 320 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose car. & ladders; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., wh.; tot. mem., 25 vol.

Water Supply—Not reported.

WAPANUCKA, p. 1,300; f. area, 5 blocks; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. eng., c. hand ex., 3 hose wag.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 100 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$2,500; tot. mem., 16 vol.

Water Supply—Src., well & res., 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; mat., iron; res. cap., 22,000,000 gals.; 2 pump. eng.; mains, 2 m.; cost, \$46,000; wks. owned by city.

WATONGA, p. 1,723. F. dept.—2 hand hose carts, 2 c. hand ex.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., telp. & wh.; val. equip., \$1,200; val. bldgs., \$250; exp. dept., \$100; tot. mem., 10 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 40,000 gals.; 2 pump. eng., class comp. dup., cap. day 500,000 gals. each; mains, 2 m., 4 to 6 in. dia.; 24 hyd.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 30,000 gals.

WAURIKA, p. 2,928. F. dept.—1 hand h. & l. trk., 2 hand hose carts, 4 hand c. ex.; hose, cot., rub. lined, gd., 700 ft.; f. al., telp. & wh.; tot. mem., 24 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 50,000 gals.; 2 pump. eng., class trip, cap. day 500,000 gals. each; mains, 3½ m., 4 to 8 in. dia.; 35 hyd.; pres., dom. 55 lbs., f. 110 lbs.

WEATHERFORD, p. 2,118; f. area, 100 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., telp. & wh.; val. equip., \$4,500; exp. dept., \$500; tot. mem., 12 vol.

Water Supply—Src., wells; 8 deep well pumps, combined cap. 374,000 gals. day; sys., grav.; res. cap., 98,000 gals.; 1 pump. eng., class dup., cap. day 500,000 gals.; mains, 2½ m., 4 to 8 in. dia.; 23 hyd.; pres., dom. 45 to 53 lbs., f. 125 lbs.

WETUMKA, p. 1,190. F. dept.—1 h. & l. trk., 2 c. eng., 100 ft. hose; f. al., bell; tot. mem., 20 vol.

No waterwks.

WEWOKA, p. 1,022. F. dept.—1 a. eng., 100 ft. hose; f. al., telp. & firearms; tot. mem., 13 vol. No waterwks.

WILBURTON, p. 2,277; f. area, 10 a.; merc. bldgs., stn., bk. & wd., 1 to 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; tot. mem., 21 vol.

Water Supply—Src., 2 creeks, 1 m. bus. cent.; sys., pump to res.; stdp. cap., 157,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, 2 m., 4 to 8 in. dia.; 20 hyd.; pres., dom. 75 lbs., f. 140 lbs.; cons. day, 125,000 gals.; wks. owned by Co.

WOODWARD, p. 2,696. F. dept.—1 comb. c. & hose wag., 6 c. hand ex., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 2,700 ft.; f. al., telp.; val. equip., \$7,142; val. bldgs., \$4,000; tot. mem., 15, pd. full time 2, vol. 13.

Water Supply—Src., spr.; sys., grav.; res. cap., 150,000 gals.; 2 pump. eng., class comp. dup., cap. day 500,000 gals. each; mains, 9 m., 4 to 8 in. dia.; 57 hyd.; pres., dom. 60 lbs., f. 140 lbs.; cons. day, 50,000 gals.

WYNNWOOD, p. 2,002. F. dept.—1 c. hand ex., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; tot. mem., 16, pd. full time 1, vol. 15.

Water Supply—Src., well; sys., grav.; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals. each; mains, 3 m., 4 to 8 in. dia.; 30 hyd.; pres., dom. 40 to 50 lbs., f. 80 to 100 lbs.; cons. day, 40,000 gals.

Places with a population of 1,000 or more having no organized fire dept.—Lehigh, Rocky, Sulphur Springs.

Places with a population of 1,000 or more not reported—Antlers, Woodford.

OREGON

ADAMS, p. 205. F. dept.—Vol. **Water Supply**—Src., wells; sys., res.; pres., f. 75 lbs.

ALBANY, p. 4,275; f. area, 500 a.; merc. bldgs., bk., 1 to 6 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 10 c. hand ex., 1 h. & l. trk., 6 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,300 ft.; inf., 700 ft.; tot. hose, 3,000 ft.; f. al., Gamewell, 12 bx.; val. equip., \$10,000; val. bldgs., \$1,000; exp. dept., \$5,800; tot. mem., 16, pd. full time 3, pd. part time 8, vol. 5.

Water Supply—Src., riv., 14 m. bus. cent.; sys., dir. pres.; res. cap., 350,000 gals.; 2 pump. eng., cap. day, 3,500,000 gals.; mains, c. & wrt. l., 14 m., 2 to 12 in. dia.; 56 hyd.; 1,400 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 100 lbs.; wks. owned by Co.

ANTELOPE, p. 175. F. dept.—Vol. **Water Supply**—Src., wells; sys., grav.; pres., f. 75 lbs.

ARLINGTON, p. 317; f. area, 20 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$250; tot. mem., 20 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to res.; res. cap., 75,000 gals.; pump. eng., cap. day, 560,000 gals.; mains, wd. & iron, 1,900 ft., 6 to 8 in. dia.; 12 hyd.; 150 serv.; pipe, galv. l.; cost, \$8,000; cost mtce., \$1,500; wks. owned by city.

ASHLAND, p. 5,020; f. area, 800 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., wd., 1 & 1½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 auto. comb. c. & h. wag., 6 c. hand ex., 40 buckets, 2 hose car.; hose, maltese & rub. lined, gd., 1,400 ft.; f. al., elec., 7 bx.; exp. dept., \$200; tot. mem., 50 vol.; undra. rating, third class.

Water Supply—Src., creek, 8 m. bus. cent.; sys., grav.; mains, stl., 32 m., 2 to 18 in. dia.; 65 hyd.; 3 v.; 1,200 serv.; pipe, galv. l.; pres., dom. 120 lbs., f. 120 lbs.; cost, \$78,000; cost mtce., \$800; wks. owned by city.

ASTORIA, p. 9,599; f. area, 200 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 str., 1 c. eng., 13 c. hand ex., 1 aer. trk., 8 auto. comb. c. & h. wag., 1 hose wag., 5 hose car., 7 hrs.; hose, cot., rub. lined, gd., 8,400 ft.; f. al., Gamewell, 20 bx.; val. equip., \$35,000; val. bldgs., \$40,000; exp. dept., \$26,000; tot. mem., 30, pd. full time 11, pd. part time 19; undra. rating, third class.

Water Supply—Src., mountain strm., 11½ m. bus. cent.; sys., grav.; res. cap., 6,750,000 gals., loc. on hill back of city; mains, c. l. & wrt. l., 14 m., 4 to 16 in. dia.; 116 hyd.; met., 84; 1,370 serv.; pipe, galv. l.; pres., dom. 65 lbs., f. 112 lbs.; cons. day, 2,500,000 gals.; cost, \$296,278; cost mtce., \$7,000; wks. owned by city.

ATHENA, p. 586. F. dept.—1 h. & l. trk., 2 hose carts; tot. mem., 20 vol.

Water Supply—Src., wells & spr., 3 m. bus. cent.; sys., grav., pump. dir. to tk., cap. 50,000 gals.; res. cap., 250,000 gals.; mains, 2½ m., 4 to 10 in. dia.; cap. pump day, 450,000 gals.; 27 hyd.; pres., dom. 85 lbs., f. 100 to 120 lbs.

BAKER CITY, p. 6,742; f. area, 1,200 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1 and 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. trk., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hand ex., 5 hose reels; hose, cot., rub. lined, gd., 5,650 ft.; f. al., bell & telp.; val. equip., \$8,637; val. bldgs., \$1,000; exp. dept., \$10,247; tot. mem., 26, pd. full time 4, pd. part time 2, vol. 20.

Water Supply—Src., creek & mountain strm., 21 m. bus. cent.; sys., grav.; 3 res., conc., cap.

4,749,000 gals., loc. 1 m. city; mains, wrt. 1, 30 m., 4 to 12 in. dia.; 160 hyd.; 1,850 met.; 1,685 serv.; pipe, galv. 1.; pres., dom. 85 lbs., f. 125 lbs.; cons. day, 1,500,000 gals.; cost, \$225,200; wks. owned by city.

BANDON, p. 1,803. F. dept.—2 hand hose carts, 1 hand c. ex., 1 h. & l. trk., 1 str., 700 ft. hose; f. al., bell; vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; 2 res., cap. 7,000,000 gals. & 250,000 gals.; mains, wd., 10 m., 2 to 12 in. dia.; 16 hyd.; 15 met.; 550 serv.; pipe, galv. 1.; pres., dom. 85 lbs., f. 55 lbs.; cons. day, 200,000 gals.; cost, \$50,000; cost mtce., \$4,800; wks. owned by priv. Co.

BEND, p. 536. F. dept.—1 c. eng., 3 hose carts, 1,500 ft. hose; f. al., bell; val. equip., \$2,275.

Water Supply—Src., wells; sys., grav.; 2 pump. eng., cap. day 360,000 gals.; mains, 6 to 8 in. dia.; 11 hyd.; pres., f. 55 lbs.

BROWNSVILLE, p. 1,500. F. dept.—1 hose cart, 500 ft. hose, 25 vol.

Water Supply—Src., wells; sys., grav.; res. cap., 50,000 gals.; mains, 6 in. dia.; 5 hyd.; pres., f. 80 lbs.

CANBY, p. 587. F. dept.—6 c. ex., 1 h. & l. trk.; vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 20,000 gals.; res. cap., 20,000 gals.; 2 pump. eng., cap. day 160,000 gals.; mains, iron, 5 m., 1 to 4½ in. dia.; 200 serv.; pipe, iron; pres., dom., 20 lbs.; cons. day, 25,000 gals.; wks. owned by M. J. Lee.

CARLTON, p. 500. F. dept.—1 hose cart, 250 ft. hose; f. al., bell; vol.

Water Supply—Src., wells; sys., dir. pres.; duplicate pumps; mains, 3 in. dia.; 6 hyd.

CLATSKANIE, p. 747. F. dept.—1 h. & l. trk., 2 hose carts, 1 c. cart; hose, cot., rub. lined, gd., 1,200 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., bell; vol.

Water Supply—Src., mountain creek, 3 m. bus. cent.; sys., grav.; res. cap., 350,000 gals.; mains, stl., 3 m., 8 in. dia.; 30 hyd.; pres., dom. 100 to 125 lbs., f. 125 lbs.; cost, \$80,000; wks. owned by city.

CONDON, p. 1,000; f. area, 160 a. F. dept.—2 hose carts, 1 h. & l. trk., 1,100 ft. hose; val. equip., \$1,500; exp. dept., \$350; tot. mem., 30 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 158,400 gals.; 45 hyd., 25 v.; mains, 3 m.; pres., dom. & f., 75 lbs.; wks. owned by city.

COQUILLE, p. 1,398; f. area, 10 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 c. hand ex., 1 h. & l. trk., 2 hose wag., hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; tot. mem., 30 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav.; res. cap., 500,000 gals., loc. on mountains; mains, wd., 4 m., 6 to 8 in. dia.; 12 hyd.; pipe, iron; pres., dom. 80 lbs., f. 80 lbs.; cost, \$20,000; wks. owned by city.

CORVALLIS, p. 4,552; f. area, 2 1-5 sq. m.; merc. bldgs., bk., stn. & wd., 1 to 5 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 4 c. hand ex., 2 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 400 ft.; inf., 300 ft.; tot. hose, 3,200 ft.; f. al., telp.; val. equip., \$12,583; val. bldgs., \$16,000; exp. dept., \$3,074; tot. mem., 65, pd. full time 1, pd. part time 1, vol. 63.

Water Supply—Src., mountain strm., 13½ m. bus. cent.; sys., grav.; res. cap., 800,000 gals.; mains, wd., 45 m., 4 to 12 in. dia.; 87 hyd.; 156 v.; 1,000 met.; 1,400 serv.; pipe, galv. & wrt. 1.; pres., dom. 80 lbs., f. 80 lbs.; cost, \$140,000; cost mtce., \$2,300; wks. owned by city.

COTTAGE GROVE, p. 1,834; f. area, 600 a.; bldgs., wd., 1 & 2 stor.; wd. rfs. not perm. in f. limits; fwks. ord. F. dept.—1 c. eng., 3 hose car.; hose, cot., gd., 1,500 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$2,500; exp. dept., \$1,600; tot. mem., 35 vol.

Water Supply—Src., mountain strm., 20 m. bus. cent.; sys., grav.; res. cap., 584,000 gals.; mains,

wd., 20 m., 4 to 12 in. dia.; 32 hyd.; 40 taps; pres., dom. & f., 85 lbs.; cons. day, 500,000 gals.; cost, \$185,000; wks. owned by city.

COWALLIS, p. 6,000; f. area, 9 blocks; merc. bldgs., bk., stn., wd. & conc., 1 & 2 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 4 c. hand ex., 2 h. & l. trk., 1 hose wag., 4 hose car., 2 hra.; hose, cot., rub. lined, gd., 2,200 ft.; rub., gd., 800 ft.; inf., 200 ft.; tot. hose, 3,200 ft.; f. al., telp.; val. equip., \$7,000; exp. dept., \$1,490; tot. mem. 118, pd. full time 1, vol. 117; undra. rating, second class.

Water Supply—Src., mountains, 15 m. bus. cent.; sys., grav.; stdp. cap., 75,000 gals.; mat. conc.; mains, 5½ m., 10 to 12 in. dia.; 80 hyd.; 180 v.; met., 360; pipe, wd. & stl.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$75,000; wks. owned by city.

DALLAS, p. 2,124; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—2 c. ex., 1 h. & l. trk., 4 hose car.; hose, rub. gd., 1,200 ft.; f. al., bell; val. bldgs., \$2,500; tot. mem., 120 vol.

Water Supply—Src., mountain creek, 7 m. bus. cent.; sys., grav.; 2 res., cap. 950,000 gals., loc. 1 m. west bus. cent.; mains, iron, stl. & wd., 18 4-5 m., 1 to 12 in. dia.; 57 hyd.; 93 v.; 865 met.; 615 serv.; pres., dom. & f. 85 lbs.; cost, \$76,000; cost mtce., \$7,000; wks. owned by city. Leased to H. V. Gates.

DAYTON, p. 453. F. dept.—1 hose cart, 600 ft. hose; f. al., bell; vol.

Water Supply—Src., wells; sys., grav.; res. cap., 500,000 gals.; mains, 4 in. dia.; 18 hyd.; pres., f. 110 lbs.

DRAIN, p. 335. F. dept.—2 hose carts, 1,000 ft. hose; f. al., bell; no org. f. dept.

Water Supply—Src., wells; sys., grav.; res. cap., 210,000 gals.; 16 hyd.; pres., f. 86 lbs.

ELGIN, p. 1,120. F. dept.—2 hand hose carts, 1 h. & l. trk., 1,200 ft. hose; f. al., bell; 80 vol.

Water Supply—Src., creek; sys., grav.; mains, 4 to 6 in. dia.; 25 hyd.; pres., f. 80 lbs.

ENTERPRISE, p. 1,243. F. dept.—2 hand hose carts, 1 h. & l. trk., 1 c. eng., 900 ft. hose; f. al., bell; vol.

Water Supply—Src., wells; sys., grav.; res. cap., 600,000 gals.; mains, 4 to 8 in. dia.; 17 hyd.; pres., f. 68 to 120 lbs.

ESTACADA, p. 405. F. dept.—2 hand hose carts, 600 ft. hose; f. al., bell; vol.

Water Supply—Src., wells; sys., grav.; res. cap., 140,000 gals.; mains, 4 to 6 in. dia.; 4 hyd.; pres., f. 80 lbs.

EUGENE, p. 9,009; f. area, 25½ a.; merc. bldgs., conc. & bk., 1 to 5 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. pump. eng., 1 pump. eng., 1 c. & h. wag., 1 h. & l. trk., 3 hose carts; hose, rub. gd., 6,000 ft.; c., 1,200 ft.; tot. hose, 7,200 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$3,500; exp. dept., \$3,500; tot. mem. 150, pd. full time 7, vol. 143; undra. rating, third class.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump dir.; res. cap., 2,000,000 gals., loc. on top of hill on north side city; 5 pump. eng., cap. day 6,500,000 gals.; mains, wrt. 1., 35 m., 4 to 12 in. dia.; 66 hyd.; 50 v.; 8,000 met.; 1,900 serv.; pipe, galv. 1.; pres., dom. 75 to 85 lbs., f. 275 lbs.; wks. owned by city.

FOREST GROVE, p. 1,772; f. area, 175 a.; merc. bldgs., bk., 1 to 3 stor. F. dept.—1 h. & l. trk., 1 hose wag., 4 hra.; hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$1,200; exp. dept., \$850; tot. mem., 20 vol.

Water Supply—Src., creek, 9 m. bus. cent.; sys., grav.; res. cap., 640,000 gals.; mains, wd., 10 m., 4 to 12 in. dia.; 60 hyd.; 160 met.; 450 serv.; pres., dom. & f. 65 to 85 lbs.; cost, \$60,000; wks. owned by city.

FOSSIL, p. 421. F. dept.—1 hose cart, 600 ft. hose; f. al., bell; vol.

Water Supply—Src., wells; sys., grav.; res. cap., 15,000 gals.; mains, 5 to 7 in. dia.; 12 hyd.; pres., f. 65 lbs.

GLADSTONE, p. 1,000. No f. dept.

Water Supply—Src., Clackamas riv., at bus. cent.; sys., pump; res. cap., 800,000 gals.; 1 pump. eng., class trip., cap. day 500,000 gals.; mains, 2 m.; pres., dom., 85 lbs.; f. 85 lbs.; cost, \$25,000; cost mtce., \$1,200; wks. owned by city.

GRANTS PASS, p. 3,897; f. area, 2 sq. m.; merc. bldgs., bk. & wd., 1½ & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 auto. comb. c. & h. wag., 3 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; c., 200 ft.; inf., 600 ft.; tot. hose, 3,200 ft.; f. al., tel. & bell; val. equip., \$8,000; val. bldgs., \$10,000; exp. dept., \$2,650; tot. mem., 18, pd. full time 2, pd. part time 1, vol. 15.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res.; res. cap., 800,000 gals., loc. 1 m. north of riv.; 2 pump. eng., cap. day, 288,000 gals.; mains, stl., 25 m., 2 to 12 in. dia.; 47 hyd.; met., 600; 800 serv.; pres., dom. 50 to 75 lbs.; f. 75 lbs.; cost, \$150,000; cost mtce., \$8,000; wks. owned by priv. Co.

HEPPNER, p. 880; f. area, 500 a.; bldgs., stn., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 6 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 750 ft.; tot. hose, 2,750 ft.; f. al., bell; val. equip., \$2,600; val. bldgs., \$1,000; exp. dept., \$240; tot. mem., 75 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 225,000 gals.; pump. eng., cap. day 172,800 gals.; 28 hyd.; pres., dom. 35 to 45 lbs.; f. 85 to 95 lbs.; cons. day, 180,000 gals.; wks. owned by Co.

HILLSBORO, p. 2,016; f. area, 840 a.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 2 to 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 comb. c. & h. wag., 1 h. & l. trk., 8 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,600 ft.; inf., 500 ft.; tot. hose, 2,100 ft.; f. al., bell & elec.; val. equip., \$6,500; val. bldgs., \$5,000; exp. dept., \$1,500; tot. mem., 20, pd. full time.

Water Supply—Src., creek, 18 m. bus. cent.; sys., grav.; stdp. cap., 60,000 gals.; dim., 20 x 12; mat., stl. & wd.; res. cap., 1,000,000 gals.; mains, wd., 30 m., 2 to 12 in. dia.; 52 hyd.; 551 met.; 679 serv.; pipe, wd. & stl.; pres., dom. & f. 80 lbs.; cons. day, 150,000 gals.; wks. owned by priv. Co.

HOOD RIVER, p. 2,331; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. ex., 1 h. & l. trk., 1 hose cart, 750 ft. hose; val. equip., \$3,500; val. bldgs., \$500; tot. mem., 22 vol.

Water Supply—Src., spr., 7 m. bus. cent.; sys., grav.; res. cap., 750,000 gals., loc. on hill near town; mains, wd. & iron, 14 m., 4 to 12 in. dia.; 47 hyd.; 12 v.; 4 met.; 675 serv.; pres., dom. & f. 100 lbs.; cost, \$100,000; cost mtce., \$3,000; wks. owned by city.

HUNTINGTON, p. 850. F. dept.—1 hose cart, 500 ft. hose; f. al., bell; vol. F. dept.; res. cap., 150,000 gals.; mains, 4 to 6 in. dia.; 16 hyd.; pres., f. 79 lbs.

INDEPENDENCE, p. 1,160; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose car.; hose, rub. gd., 1,800 ft.; f. al., bell & elec., 1 bx.; val. equip., \$1,000; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 8, pd. full time.

Water Supply—Src., driven wells, 1,200 ft. bus. cent.; sys., pump to stdp., stdp. cap., 15,800 gals.; mat., wd.; 2 pump. eng., cap. day, 1,324,800 gals.; mains, 6½ m., 2 to 6 in. dia.; 24 hyd.; 27 v.; 125 met.; 390 serv.; pipe, galv. l.; pres., dom. 20 lbs.; f. 90 lbs.; cost, \$30,000; cost mtce., \$200; wks. owned by Co.

JACKSONVILLE, p. 785; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 1 hose cart; hose, rub. gd., 250 ft.; linen, gd., 500 ft.; tot. hose, 750 ft.; f. al., bell; val. equip., \$1,000; tot. mem., 35 vol.; undra. ratings, first class.

Water Supply—Src., creek, 2 m. bus. cent.; sys., grav.; res. cap., 40,000,000 gals.; settling res., cap. 20,000 gals.; mains, stl., 6 m., 4 to 8 in. dia.; 34 hyd.; cons. day, 100,000 gals.; cost, \$65,000; cost mtce., \$600; wks. owned by city.

JEFFERSON, p. 415. F. dept.—1 hose cart, 500 ft. hose; f. al., bell; 80 vol.

Water Supply—Src., riv., 2 m. bus. cent.; sys., grav. & pump dir.; res. cap., 90,000 gals.; 1 pump. eng., class trip., cap. day 250,000 gals.; mains, wd., 3 m., 3 to 6 in. dia.; 18 hyd.; pres., dom. 65 lbs.; f. 80 lbs.; cons. day, 70,000 gals.; cost, \$10,000; wks. owned by city.

JOSEPH, p. 735; f. area, 40 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$180; exp. dept., \$260; tot. mem., 15 vol.

Water Supply—Src., Wallowa lake, 1 m. bus. cent.; sys., grav.; mains, wd., 5 m., 4 to 12 in. dia.; 30 hyd.; 2 v.; pres., dom. 80 lbs.; f. 125 lbs.; cost, \$28,000; cost mtce., \$350; wks. owned by city.

JUNCTION CITY, p. 759. F. dept.—1 c. hand ex., 1 str., 1 h. & l. trk., 1 hose wag., 2 hose reels, 1 hrs., 1,550 ft. hose; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,500; exp. dept., \$225; tot. mem., 30 vol.

Water Supply—Src., well; sys., pump to stdp.; 2 stdp., combined cap. 14,000 gals.; 1 pump. eng., cap. day 144,000 gals.; mains, 4 in. dia.; 8 hyd.

KLAMATH FALLS, p. 2,758; f. area, 10 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. trk., 5 hose reels, 1 hand ladder wag.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 600 ft.; tot. hose, 3,100 ft.; f. al., bell; exp. dept., \$1,000; tot. mem., 36, pd. full time 3, pd. part time 10, vol. 28.

Water Supply—Src., 3 wells, ¾ m. bus. cent.; sys., pump dir.; res. cap., 200,000 gals.; 2 pump. eng., class centrif. & trip., cap. day, 1,872,000 gals.; mains, stl., 25 m., 2 to 8 in. dia.; 110 hyd.; pres., dom. 20 lbs.; f. 100 lbs.; cons. day, 800,000 gals.; wks. owned by Co.

LAFAYETTE, p. 412. F. dept.—2 c. ex., 1 h. & l. trk., 3 hose wag., 2,700 ft. hose; vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 1,000,000 gals.; pres., f. 85 lbs.

LA GRANDE, p. 4,843; f. area, 26¼ a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 auto. comb. c. & h. wag., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 5,000 ft.; inf., 450 ft.; tot. hose, 5,450 ft.; f. al., Gamewell, 22 bx.; val. equip., \$14,900; val. bldgs., \$8,000; exp. dept., \$3,500; tot. mem., 33, pd. full time 3, vol. 30.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; 1 pump. eng., class comp. dup., cap. day, 18,000,000 gals.; mains, stl. & wd., 27 m., 2 to 18 in. dia.; 128 hyd.; 76 v.; 1,732 met.; 1,786 serv.; pipe, galv. l.; pres., dom. & f. 96 lbs.; cost, \$300,000; cost mtce., \$10,000; wks. owned by city.

LEXINGTON, p. 185. F. dept.—2 hose carts; vol.

McMINNVILLE, Yonhill Co., p. 2,400; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 500 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$2,393; val. bldgs., \$2,800; tot. mem., 66 vol.; undra. ratings, fourth class.

Water Supply—Src., spr., 8 m. bus. cent.; sys., pump dir.; res. cap., 1,040,000 gals.; 2 pump. eng., class comp. dup., cap. day, 1,400,000 gals.; mains, stl. & wd., 24¼ m., 4 to 14 in. dia.; 54 hyd.; 57 v.; 230 met.; 350 serv.; pipe, galv. l.; pres., dom. 50 lbs.; f. 100 lbs.; cost, \$90,000; wks. owned by city.

MARSHFIELD, p. 2,980; f. area, 65 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 500 ft.; inf., 300 ft.; tot. hose, 800 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$2,150; exp. dept., \$50; tot. mem., 60 vol.

Water Supply—Src., spr. & creeks, 2 m. bus. cent.; sys., grav. & pump to res.; res. cap., 4,000,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,160,000 gals.; mains, wd., stl. & c. l., 25 m., 2 to 14 in. dia.; 80 hyd.; 18 v.; met., 600; 1,300 serv.; pres., dom. & f. 75 to 80 lbs.; cons. day, 900,000 gals.; cost, \$160,000; cost mtce., \$15,000; wks. owned by Co.

MEDFORD, p. 8,840; f. area, 10 blocks; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; no

fwks. & combt. ord. F. dept.—3 hand c. ex., 1 auto. comb. c. & h. wag., 1 hose cart, 1 comb. c. & h. wag.; hose, rub., gd., 3,850 ft.; c., 950 ft.; tot. hose, 4,800 ft.; f. al. bell; val. equip., \$10,000; val. bldgs., \$400; tot. mem. 28, pd. full time 6, vol. 22; undrs. rating, second class.

Water Supply—Src., Fish lake; sys., grav., & pump to res.; res. cap., 2,000,000 gals.; pump. eng.; mains, 28" m.; 279 hyd.; 25 v.; 150 serv.; pipe, galv. l.; pres., dom. 85 lbs.; f. 150 lbs.; cons. day, 4,000,000 gals.; cost, \$26,000; cost mtce., \$1,500; wks. owned by city.

MILTON, p. 1,280; bldgs., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hose cart; hose, cot., rub. lined, gd., 850 ft.; f. al. bell; val. equip., \$1,000; val. bldgs., \$250; tot. mem., 15 vol.

Water Supply—Src., riv.; sys., grav.; mains, 6 m., 4 to 12 in. dia.; 30 hyd.; pres., f. 40 lbs.; cost, \$11,000; wks. owned by city.

MORO, p. 335. F. dept.—1 hose cart, 250 ft. hose, h. & l.; tot. mem., 35 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 50,000 gals.; pres., 75 lbs.

MOUNT ANGEL, p. 545. F. dept.—c. ex., 500 ft. hose; f. al. bell; vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 30,000 gals.; mains, 4 to 6 in. dia.; 6 hyd.; pres., f. 45 lbs.

MOUNT TABOR, p. 3,000; annexed to Portland. MYRTLE CREEK, p. 836. F. dept.—2 hose carts, 600 ft. hose; f. al. bell; vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; res. cap., 100,000 gals.; mains, 5 m., 1½ to 4 in. dia.; 16 hyd.; 10 v.; 12 met.; pres., dom. 100 lbs.; f. 125 lbs.; cons. day, 50,000 gals.; cost, \$14,000; cost mtce., \$300; wks. owned by city.

MYRTLE POINT, p. 1,250; f. area, 190 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 10 ladders; hose, cot., rub. lined, gd., 1,000 ft.; f. al. bell; tot. mem., 35 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; 1 pump. eng.; 48 hyd.; wks. owned by town.

NEWBERG, p. 2,260. F. dept.—1 h. & l. trk., 3 hose carts; hose, 2,000 ft.; tot. mem., 50 vol.; val. equip., \$2,500; val. bldgs., \$1,000; tot. mem., 50 vol.

Water Supply—Sys., grav.; pres., 95 lbs.; cost, \$25,000; wks. owned by city.

NORTH BEND, p. 3,500; f. area, 1 sq. m. F. dept.—5 hand hose carts, 1 h. & l. trk., 2 c. hand ex., 1 c. cart; exp. dept., \$150; tot. mem., 30 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 1 pump. eng.; 12 hyd.; 2 v.; pres., dom., 80 lbs.; wks. owned by priv. Co.

NORTH POWDER, p. 455. F. dept.—c. eng.; vol.

No water supply.

ONTARIO, p. 1,248. F. dept.—1 c. eng., 1 hose wag., 1,000 ft. hose; vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 30,000 gals.; mains, 4 to 10 in. dia.; 16 hyd.; pres., f. 45 lbs.

OREGON CITY, p. 4,287; f. area, 1,500 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—2 h. & l. trk., 4 c. hand ex., 2 hose carts, 5 hose car.; hose, rub., gd., 8,400 ft.; f. al. bell; val. equip., \$5,000; val. bldgs., \$25,000; exp. dept., \$5,000; tot. mem., 190 vol.

Water Supply—Src., riv., in bus. cent.; sys., pump to res.; res. cap., 1,000,500 gals.; loc. ¾ m. city; 3 pump. eng.; cap. day, 3,000,000 gals.; mains, c. l., 18 m., 4 in. dia.; 75 hyd.; 700 serv.; pipe, galv. l.; pres., dom. 75 lbs.; f. 185 lbs.; cons. day, 100,000 gals.; cost, \$100,000; cost mtce., \$4,500; wks. owned by city.

PENDLETON, p. 4,460; f. area, 18 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 comb. c. & h. wag., 4 hand reels; hose, cot., rub. lined, gd., 2,650 ft.; inf., 2,600 ft.; tot. hose, 5,250 ft.; f. al., Gamewell, 21 bx.; val. equip., \$14,000; val. bldgs., \$2,500;

exp. dept., \$4,500; tot. mem. 41, pd. full time 3, pd. part time 38.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav., pump to res. & dir.; res. cap., 5,000,000 gals., loc. on hill 225 ft. elevation; 2 pump. eng., class comp. div., cap. day, 2,160,000 gals.; mains, c. l., 18 m., 2 to 20 in. dia.; 87 hyd.; 110 v.; met., 1,015; 1,045 serv.; pipe, galv. l.; pres., dom. & f. 110 lbs.; cons. day, 850,000 gals.; cost, \$335,000; cost mtce., \$7,000; wks. owned by city.

PORTLAND, p. 207,214; f. area, 50½ sq. m.; merc. bldgs., stn., bk. & wd., 1 to 12 stor.; priv., bk. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 f. boat, 17 eng., 19 hose wag., 5 comb. c. & h. wag., 4 hose car., 3 hose carts, 3 hose reels, 6 h. & l. trk. (1 in reserve), 4 c. eng., 120 hrs.; hose, cot., rub. lined, gd., 44,478 ft.; f. al. bell, wh., elec. & Gamewell, 199 bx.; tot. mem. 263, pd. full time.

Water Supply—Src., mountain strm., 30 m. bus. cent.; sys., grav.; res. cap., 193,000,000 gals.; flow by grav. conduit; cap., 67,000,000 gals. day; mains, c. l., 506 m., 4 to 30 in. dia.; 4,558 hyd.; 6,172 v.; 13,398 met.; 55,901 serv.; pres., dom. & f. 30 to 80 lbs.; cost, \$10,976,820; cost mtce., \$231,114; wks. owned by city.

PRIMEVILLE, p. 1,042. F. dept.—2 hand hose carts, 1 hand eng., 1 h. & l. trk., 1,500 ft. hose; f. al. bell; 70 vol.

Water Supply—Src., wells, in bus. cent.; sys., dir. pres.; res. cap., 96,000 gals.; 2 pump. eng.; cap. day 158,400 gals.; mains, stil., 5 m., 4 to 6 in. dia.; 44 hyd.; 300 serv.; pres., dom. 40 lbs.; f. 100 lbs.; cons. day, 6,000 gals.; wks. owned by priv. Co.

RAINIER, p. 1,359. F. dept.—3 hose carts, 1 hand c. ex., 1,000 ft. hose; f. al. bell; vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; res. cap., 1,250,000 gals.; mains, 6 in. dia.; 25 hyd.; pres., f. 90 lbs.

ROSEBURG, p. 4,738; f. area, 400 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 to 2½ stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 6 hose carts; hose, rub. gd., 4,000 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$10,000; exp. dept., \$500; tot. mem., 23 vol.

Water Supply—Src., riv., 5 m. bus. cent.; sys., pump to res. & dir.; res. cap., 1,250,000 gals.; 3 pump. eng., cap. day, 1,080,000 gals.; mains, 25 m., 2 to 12 in. dia.; 59 hyd.; 130 v.; met., 800; 1,100 serv.; pres., dom. & f. 80 to 115 lbs.; cost, \$75,000; cost mtce., \$4,000; wks. owned by priv. Co.

SALEM, p. 14,094; f. area, 60 a.; merc. bldgs., bk., 2 to 7 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 1 hand eng., 8 hand ex., 2 hose reels, 6 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; fair, 1,500 ft.; tot. hose, 5,500 ft.; val. equip., \$16,500; val. bldgs., \$50,000; exp. dept., \$5,000; tot. mem. 18, pd. full time 4, pd. part time 9; undrs. rating, first class.

Water Supply—Src., riv.; sys., pump to res. & dir.; res. cap., 2,500,000 gals.; pump. eng., cap. day 5,000,000 gals.; mains, c. & wrt. l., 38½ m., 2 to 22 in. dia.; 106 hyd.; 85 v.; met., 100; 1,500 serv.; pipe, galv. l.; pres., dom. 80 lbs.; f. 80 lbs.; cost, \$804,550; cost mtce., \$5,000; wks. owned by Co.

SCIO, p. 295. F. dept.—2 hose carts, 600 ft. hose; f. al. bell; vol.

Water Supply—Src., wells; sys., dir. pres. & pump to stdp.; res. cap., 6,000 gals.; 14 hyd.; pres., f. 80 lbs.

SANIKO, p. 495. F. dept.—3 hose carts, 1 c. eng., 1,500 ft. hose; f. al. bell; vol.

Water Supply—Src., wells; sys., dir. pres.; mains, 4 to 8 in. dia.; 8 hyd.

SEASIDE, p. 1,400; f. area, 600 a. F. dept.—1 h. & l. trk., hose; f. al. bell; val. equip., \$3,000; val. bldgs., \$200; exp. dept., \$500; tot. mem. 60 vol.

Water Supply—Src., wells; sys., grav.; 1 pump; pres., dom. & f. 60 lbs.; cost, \$20,000; cost mtce., \$1,500; wks. owned by city.

SHERIDAN, p. 1,021; f. area, 20 a. F. dept.—3 hose carts, 1 h. & l. trk.; hose, 1,200 ft.; val. equip., \$1,500; tot. mem., 20.

Water Supply—Src., spr.; sys., pump to res.; res.

cap., 300,000 gals.; pump. eng., cap. day 25,000 gals.; mains, 1½ m.; pres., 180 lbs.; cost, \$11,500; wks. owned by city.

SILVERTON, p. 1,588. F. dept.—1 h. & 1 trk., 2 hose carts, 1,800 ft. hose; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., riv., 4½ m. bus. cent.; sys., grav.; res. cap., 800,000 gals.; 1 pump. eng., class trip., cap. day, 720,000 gals.; mains, wd., stl. & c. l., 8 m., 4 to 10 in. dia.; 39 hyd.; 9 met.; 350 serv.; pres., dom. 70 lbs., f. 100 lbs.; cost, \$50,000; cost mtce., \$1,500; wks. owned by city.

SPRINGFIELD, p. 1,838. F. dept.—2 hose carts, 1,000 ft. hose; f. al., bell; tot. mem., 20 vol.
Water Supply—Src., wells; res. cap., 2,000,000 gals.; 2 pump. eng.; mains, 4 to 10 in. dia.; 10 hyd.; pres., dom. 75 lbs., f. 100 lbs.

SUMPTER, p. 643; f. area, 100 a. F. dept.—3 hose carts, 1 c. eng., 1 h. & 1 trk.; val. equip., \$5,000; val. bldgs., \$500; exp. dept., \$800; tot. mem. 45, pd. part time.

Water Supply—Src., mountain str., 5 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, iron, 22 m., 2 to 10 in. dia.; 25 hyd.; wks. owned by priv. Co.

THE DALLES, p. 4,880; f. area, 10 a.; merc. bldgs., bk. & wd., 2 & 8 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 c. eng., 2 c. hand ex., 5 hose car.; hose, rub. gd., 2,300 ft.; f. al., Gamewell, 7 bx.; val. equip., \$13,000; val. bldgs., \$6,000; exp. dept., \$2,000; tot. mem., 150 vol.

Water Supply—Src., creek, 30 m. bus. cent.; sys., grav.; 8 res., cap. 4,100,000 gals., loc. on hill 200 ft. above city; mains, wd., iron & stl., 81 m., 4 to 14 in. dia.; 100 hyd.; 100 v.; met., 40; 1,400 serv.; pipe, c. l. & stl.; pres., dom. 75 lbs., f. 105 lbs.; cons. day, 900,000 gals.; cost, \$298,000; cost mtce., \$6,000; wks. owned by city.

TILLAMOOK, p. 1,352. F. dept.—1 h. & 1 trk., 2 c. hand ex., 2 hand hose carts; hose, cot., gd., 1,000 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., creek, 6 m., bus. cent.; sys., grav.; mains, stl., 4 m., 4 to 10 in. dia.; 50 hyd.; pres., dom. 85 to 95 lbs.; cost, \$45,000; cost mtce., \$1,200; wks. owned by city.

UNION, p. 1,483; f. area, 12 a. F. dept.—1 h. & 1 trk., 1 aer. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 100 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$2,870; val. bldgs., \$6,050; exp. dept., \$25; tot. mem., 36 vol.

Water Supply—Src., creek; sys., grav.; mains, 3 m.; 25 hyd.; 9 valves; 154 serv.; pres., dom. 45 lbs., f. 45 lbs.; cost, \$20,000; wks. owned by city.

VALE, p. 900. F. dept.—1 h. & 1 trk., 4 hose carts, 1 c. tk., 2,000 ft. hose; f. al., bell; val. equip., \$2,700; val. bldgs., \$1,900; tot. mem., 60 vol.

Water Supply—Src., well; sys., grav.; 25 hyd.; mains, 15 m.; pres., dom. & f. 65 lbs.; cost, \$125,000; cost mtce., \$1,095; wks. owned by city.

WALLOWA, p. 793. F. dept.—2 hose carts, 1 h. & 1 trk., 1,200 ft. hose; f. al., bell; 80 vol.
Water Supply—Src., creek; sys., grav.; mains, 6 to 8 in. dia.

WASCO, p. 336. F. dept.—1 comb. c. & h. wag., 2 hose carts; hose, 1,000 ft.; val. equip., \$1,800; val. bldgs., \$500; tot. mem., 50 vol.

Water Supply—Src., cisterns; sys., pump., cap. day 240,000 gals.; res. cap., 2,000,000 gals.; 18 hyd.; mains, 1½ m., 6 to 12 in. dia.; pres., 88 lbs.; cost, \$16,000; cost mtce., \$112; wks. owned by city.

WESTON, p. 499; f. area, 100 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; rub. gd., 200 ft.; tot. hose, 800 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 35 vol.

Water Supply—Src., spr. (3) & wells, ½ m. bus. cent.; sys., grav.; res. cap., 125,000 gals.; 1 pump. eng.; mains, 4 m., 2 to 8 in. dia.; 16 hyd.; 8 v.; met.; pipe, wd.; pres., dom. 84 lbs., f. 90 lbs.; cost, \$25,000; cost mtce., \$200; wks. owned by city.

WOODBURN, p. 1,616; f. area, 15 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 3 hose carts, 1 h. & 1 trk., 1 c. ex., 1,500 ft. hose; val. equip., \$2,000; tot. mem., 24 vol.

Water Supply—Src., wells; sys., pump dir.; pump. eng., cap. day 250,000 gals.; mains, wd., 2 m., 4 to 6 in. dia.; 3 hyd.; met., 25; pres., f. 80 lbs.

WOODSTOCK, p. 1,000. F. dept.—1 hose cart, ladders, buckets, 700 ft. hose; f. al., bell; val. equip., \$250; val. bldgs., \$150; exp. dept., \$60; tot. mem., 20 vol.

Water Supply—Src., Bull Run, 1 m. bus. cent.; sys., pump.; 12 hyd.; pres., f. 54 lbs.; wks. owned by city.

WOODVILLE, p. 400. No org. f. dept.

Water Supply—Src., well, ¼ m. bus. cent.; sys., grav.; stdp. dim., 32 x 40 x 10; mat., cem.; pipe, iron; cost, \$10,000; wks. owned by city.

YAM HILL, p. 700; f. area, 25 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 h. & 1 trk., 1 hose reel, c. hand ex., 500 ft. hose; f. al., bell; val. equip., \$500; val. bldgs., \$1,000; tot. mem., 25 vol.

Water Supply—Src., creek, 4 m. bus. cent.; sys., grav.; mains, wd., 4 m., 6 to 8 in. dia.; 14 hyd.; 5 met.; 100 serv.; pres., dom. 80 lbs., f. 120 lbs.; cost, \$700,000; wks. owned by priv. Co.

Places with a population of 1,000 or more having no organized fire dept.—Gladstone.

Towns with a population of 1,000 or more not reported.—Burns, Central Point, Coburg, Falls City, Glendale, Lebanon, Lents, Milwaukee, Oswego, St. Johns.

PENNSYLVANIA

ALBION, p. 1,524. F. dept.—2 c. eng., 1 h. & 1 trk., 1 comb. c. & h. wag., 6 c. hand ex., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; bell al.; vol.

Water Supply—Src., mains, 10 m., 4 to 8 in. dia.; 34 hyd.; 60 lbs. pres.; wks. owned by city.

ALBUQUERQUE, p. 1,743. No org. f. dept.

Water Supply—Stdp. cap., 200,000 gals.; mains, ¾ m., 10 in. dia.; pres., f. 96 lbs.; wks. owned by city.

ALLEGHENY CITY, p. 156,000, now a part of Pittsburgh; f. area, 5,120 a.; merc. bldgs., bk., 1 to 6 stor.; priv., bk., stn. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—12 str., 2 comb. c. & h. wag., 32 c. hand ex., 2 h. & 1 trk., 3 aer. trk., 1 hose wag., 15 hose car., 76 hrs.; hose, cot., rub. lined, gd., 36,000 ft.; f. al., Gamewell, 238 bx.; val. equip., \$127,000; val. bldgs., \$225,000; exp. dept., \$180,542; tot. mem., 116, pd. full time.

Water Supply—See Pittsburgh.

ALLENTOWN, p. 51,913; f. area, 6 sq. m.; merc. bldgs., bk., iron & stn., 3 to 11 stor.; priv., bk., 2 to 5 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 chief's auto., 1 auto. str. & hose wag., 5 str., 1 in reserve, 7 comb. c. & h. wag., 2 c. eng., 22 c. hand ex., 2 h. & 1 trk., 1 supply wag., 2 hose car., 1 in reserve, 37 hrs.; hose, cot., rub. lined, gd., 15,700 ft.; inf., 400 ft., c., 2,850 ft.; in reserve, 772 ft.; tot. hose, 19,222 ft.; f. al., Gamewell, 84 bx.; val. equip., \$125,000; val. bldgs., \$108,000; exp. dept., \$36,000; tot. mem., 1,050, pd. full time \$2, vol. 1,018; undm. rating, first class.

Water Supply—Src., spr., ¾ & 5 m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 225,000 gals.; dim., 16 x 150; mat., wrt. l.; res. cap., 300,000 gals.; 4 pump. eng., cap. day 30,000,000 gals.; mains, c. l., 74.1 m., 2 to 30 in. dia.; 537 hyd.; 1,678 v.; met., 39; 13,179 serv.; pipe, lead;

pres., dom. 60 lbs., f. 60 lbs.; cons. day, 7,874,200 gals.; cost, \$1,082,883; cost mtce., \$42,849; wks. owned by city.

ALLEN TOWNSHIP, p. 1,200. F. dept.—Not reported.

Water Supply—Mains, 3.5 m.; 10 v.; 110 serv.; pipe, galv. i. & lead; pres., dom. 70 lbs., f. 125 lbs.; cons. day, 40,000 gals.; cost, \$80,000; wks. owned by Co.

ALLIANCE BOROUGH, p. 5,500. F. dept.—Not reported.

Water Supply—Src., spr. & water shed, 1½ m. bus. cent.; sys., grav., pump to res.; res. cap., 3,000,000 gals.; pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, 12.95 m.; 9 hyd.; 92 v.; met., 10; 545 serv.; pres., dom. 100 lbs., f. 135 lbs.; cons. day, 220,000 gals.; cost, \$160,000; wks. owned by Co.

ALTOONA, p. 52,127; f. area, 2,102.6 a.; merc. bldgs., bk. & wd., 2 to 6 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—6 str., 1 h. & 1 trk., 2 comb. c. & h. wag., 22 c. hand ex., 1 aer. trk., 7 hose wag., 1 hose cart, 30 hra.; hose, cot., rub. lined, gd., 15,200 ft.; f. al., Gamewell, 85 bx.; val. equip., \$56,000; val. bldgs., \$63,500; exp. dept., \$61,650; tot. mem. 70, pd. full time 56, pd. part time 14.

Water Supply—Src., mountain strm., 5½ m. bus. cent.; sys., grav.; res. cap., 430,000,000 gals., loc. at Kittanning Point, Pa.; mains, c. i., 84 m., 2 to 24 in. dia.; 774 hyd.; 1,760 v.; 616 met.; 12,993 serv.; pipe, galv. i.; pres., dom. 25 lbs., f. 125 lbs.; cost, \$1,139,811.62; cost mtce., \$89,952; wks. owned by city.

AMBLER, p. 2,649; f. area, 300 a.; merc. bldgs., sta., bk. & wd., 3 stor.; priv., wd., 2½ & 3 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 comb. c. eng., 1 h. & 1 trk., 1 hose wag., 2 hra.; hose, cot., rub. lined, gd., 1,700 ft.; f. al., elec., bell & wh.; val. equip., \$3,250; val. bldgs., \$2,600; exp. dept., \$1,125; tot. mem., 215 vol.

Water Supply—Src., natural spr., 1 m. bus. cent.; sys., grav. & pump; 5 tk., cap. 100,000 gals.; res. cap., 67,615,000 gals.; 3 pump. eng., class dup. & trip., cap. 1,200 gals. min.; mains, c. i. & lead, 5 m., 4 to 12 in. dia.; 42 hyd.; met., 8; 250 serv.; pipe, lead; pres., dom. 40 lbs., f. 75 lbs.; wks. owned by Co.

ANNVILLE, p. 2,505; f. area, 1 sq. m.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm. F. dept.—1 str., 1 comb. c. & h. wag., 2 c. hand ex., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 2,000 ft.; val. equip., \$2,000; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 250 vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; res. cap., 200,000 gals.; mains, iron, 2 m., 4 to 8 in. dia.; 100 hyd.; met., 6; 100 serv.; pipe, galv. i.; pres., dom. 52 lbs., f. 65 lbs.; cost, \$21,000; cost mtce., \$100; wks. owned by Co.

APOLLO, p. 3,006; f. area, 800 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,850 ft.; f. al., elec., 9 bx.; val. equip., \$2,500; tot. mem., 150 vol.

Water Supply—Src., Beaver Run, 1 m. bus. cent.; sys., pump to res.; res. cap., 10,000,000 gals.; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. i., 4 m., 4 to 12 in. dia.; 43 hyd.; 72 v.; met., 650; 650 serv.; pipe, lead; pres., dom. 130 lbs., f. 160 lbs.; cost, \$300,000; wks. owned by Co.

ARCHIBALD, p. 7,194; f. area, 3,150 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—4 hose car.; hose, cot., rub. lined, gd., 3,600 ft.; fair, 400 ft.; tot. hose, 4,000 ft.; new Gamewell al. sys. installed; val. equip., \$3,550; val. bldgs., \$3,100; exp. dept., \$465; tot. mem., 159 vol.

Water Supply—Src., creeks & lake, 1 m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, c. i., 20 m., 2 to 16 in. dia.; 60 hyd.; 20 v.; met., 3; 800 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 145 lbs.; cost, \$300,000; cost mtce., \$1,000; wks. owned by Co.

ARDMORE, p. 8,000; f. area, 1,600 a.; merc. bldgs., bk., 2 to 4 stor.; priv., sta., bk. & wd., 2

to 4 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 c. eng., 1 h. & 1 trk., 6 c. hand ex., 2 hra.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 2,200 ft.; tot. hose, 3,700 ft.; f. al., telp.; val. equip., \$6,000; val. bldgs., \$16,000; exp. dept., \$2,970; tot. mem., 226 vol.

Water Supply—Src., wells & spr.; sys., grav.; res. cap., 5,000,000 gals.; 60 hyd.; 200 serv.; pres., dom. 80 lbs., f. 120 lbs.; cost mtce., \$1,500; wks. owned by Co.

ASHLAND, p. 6,855; f. area, 10 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand. eng., 1 h. & 1 trk., 4 hose car.; hose, rub. gd., 3,500 ft.; inf., 300 ft.; tot. hose, 3,800 ft.; f. al., bell; val. equip., \$7,500; val. bldgs., \$8,000; exp. dept., \$1,450; tot. mem., 250 vol.

Water Supply—Src., spr., 6 m. bus. cent.; sys., grav.; res. cap., 11,000,000 gals.; mains, c. i., 7 to 12 in. dia.; 67 hyd.; met., 19; 1,175 serv.; pipe, iron & lead; pres., dom. 160 lbs.; cost, \$100,000; wks. owned by city.

ASHLEY, p. 5,601; f. area, 450 a.; merc. bldgs., bk. & wd., 1½ to 3½ stor.; priv., wd., 1½ to 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$7,000; val. bldgs., \$82,000; exp. dept., \$200; tot. mem., 80 vol.

Water Supply—Src., supplied by Spring Brook Water Supply Co., Wilkesbarre, Pa.; mains, 3 m., 4 to 14 in. dia.; 19 hyd.; pres., f. 110 lbs.; wks. owned by Co.

ASPINWALL, p. 2,592; f. area, 170 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—2 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., Gamewell & wh.; val. equip., \$4,700; val. bldgs., \$3,500; exp. dept., \$200; tot. mem., 130 vol.

Water Supply—Src., wells & sys., pump to stdp.; stdp. cap., 40,000 gals.; pump. eng., cap. day 30,000 gals.; mains, 3½ m.; 22 hyd.; 160 serv.; pres., f. 108 lbs.; cost, \$25,000; wks. owned by Co.

ATGLEN, p. 546; f. area, 100 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 6 c. hand ex., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$3,000; tot. mem., 40 vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; mains, c. i.; 15 hyd.; wks. owned by priv. Co.

ATHENS, p. 3,796; merc. bldgs., bk. & wd., 1 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—5 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. bldgs., \$6,000; tot. mem., 150 vol.

Water Supply—Src., supplied by Sayre Water Co.; sys., grav.; mains, 10 m.; 21 hyd.; pres., f. 90 lbs.; wks. owned by Co.

AUSTIN, p. 2,941; f. area, 75 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., wh.; exp. dept., \$400; tot. mem., 60 vol.

Water Supply—Src., spr. & wells, 3 m. bus. cent.; sys., grav., pump to res.; res. cap., 600,000 gals., loc. 3 m. north city; pump. eng., cap. day 750,000 gals.; mains, c. i., 7½ m., 4 to 6 in. dia.; 21 hyd.; 300 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 120 to 140 lbs.; cons. day, 300,000 gals.; cost, \$55,000; cost mtce., \$2,000; wks. owned by Co.

AVALON, p. 4,317; f. area, 690 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. trk., 12 c. hand ex., 3 hra.; hose, 2,000 ft.; f. al., wh. & bell; val. equip., \$1,000; val. bldgs., \$21,000; exp. dept., \$50; tot. mem., 65 vol.

AVIS, p. 1,000; f. area, 250 a.; merc. bldg., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose cart; hose

cot., rub. lined, gd., 700 ft.; f. al., telp.; val. equip., \$300; val. bldgs., \$300; tot. mem., 28 vol.

Water Supply—Src., riv., 6 m. bus. cent.; sys., grav.; mains, iron, 6 m., 6 to 12 in. dia.; 14 hyd.; pres., dom., 140 lbs.; cost, \$97,000; cost mtce., \$1,000; wks. owned by priv. Co.

AVOCA, p. 4,634; f. area, 900 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,800 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$3,000; exp. dept., \$250; tot. mem., 44 vol.

Water Supply—Src., spr.; sys., grav.; 24 hyd.; pres., dom. 80 lbs., f. 90 lbs. cost, \$2,000,000; cost mtce., \$480; wks. owned by Co.

AVONDALE, p. 688; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., stn., bk. & wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 7 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 200 ft.; tot. hose, 1,000 ft.; f. al., bell & wh.; val. equip., \$1,100; exp. dept., \$250; tot. mem., 47 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 400,000 gals.; pump. eng., cap. day 216,000 gals.; mains, c. i., 2 m., 6 in. dia.; 11 hyd.; pres., dom. 50 lbs., f. 100 lbs.; wks. owned by priv. corp.

BALA AND CYNWYD, p. 3,000; f. area, 4 sq. m.; merc. bldgs., bk., 2 to 2½ stor.; priv., stn. & wd., 2½ to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. eng., 1 comb. c. & h. wag., 4 c. hand ex., 90-hp. trk. with 500-gal. pump; hose, cot., rub. lined, gd., 1,400 ft.; c., 150 ft.; inf., 150 ft.; tot. hose, 1,700 ft.; f. al., elec.; val. equip., \$9,000; val. bldgs., \$12,500; exp. dept., \$1,500; tot. mem., 312 vol.; undrs. rating, first class.

Water Supply—Unlimited supply; sys., grav.; mains, 4 to 10 in. dia.; 17 hyd.; pres., 50 lbs.; wks. owned by priv. corp.

BANGOR, p. 5,269; f. area, 1,280 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose wag., 1 auto. triple comb. pump. eng., c. eng. & hose car; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell, 11 bx., bell & wh.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$200; tot. mem., 110 vol.; undrs. rating, second class.

Water Supply—Src., supplied by Spring Brook Water Supply Co., Wilkesbarre, Pa.; mains, 8 m., 3 to 12 in. dia.; 35 hyd.; pres., f. 125 lbs.; wks. owned by Co.

BARNESBORO, p. 3,535; bldgs., wd. F. dept.—1 str., 1 h. & l. trk., 3 hose car; hose, 2,000 ft.; f. al., wh., telp. & bell; val. equip., \$8,000; val. bldgs., \$4,500; tot. mem., 125 vol.

Water Supply—Mains, 4 to 6 in. dia.; 24 hyd.; res.

BEAVER, p. 3,456; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 1 hand eng., 1 h. & l. trk., 1 hose car; hose, cot., rub. lined, gd., 2,000 ft.; f. al., telp.; val. equip., \$7,500; val. bldgs., \$25,000; tot. mem., 35 vol.

Water Supply—Src., 10 wells, ¼ m. bus. cent.; sys., grav., pump dir., surplus to res. & dir.; res. cap., 1,000,000 gals., loc. at Brighton; 2 pump. eng., class, trip., cap. day 3,000,000 gals.; mains, c. i., 18 m., 2 to 10 in. dia.; 68 hyd.; 150 v.; 850 serv.; pipe, lead; pres., dom. 110 lbs., f. 110 lbs.; cons. day, 850,000 gals.; cost, \$60,000; cost mtce., \$3,500; wks. owned by city.

BEAVER FALLS, p. 12,191; f. area, 500 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 1 str., 11 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hose car., 8 hrs.; hose, cot., rub. lined, gd., 5,500 ft.; f. al., Gamewell, 29 bx.; val. equip., \$30,000; val. bldgs., \$45,000; exp. dept., \$4,500; tot. mem., 42 vol., 6 pd. full time, vol. 36.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res., to stdp. & dir.; stdp. cap., 68,000 gals.; res. cap., 4,000,000 gals.; 3 pump. eng., cap. day 14,000,000 gals.; mains, c. i., 35 m., 4 to 16 in. dia.; 145 hyd.; met., 421; 2,295 serv.; pipe, lead; pres., dom. 45 lbs., f. 135 lbs.

BEAVER MEADOW, p. 1,580; bldgs, wd., 1 to 2½ stor. F. dept.—Not reported.

Water Supply—Src., spr.; sys., grav.; res. cap., 1,000,000 gals.; mains, c. i., 2 m., 1 to 4 in. dia.; 9 hyd.; 200 serv.; pres., dom. 90 lbs., f. 90 lbs.; cost, \$8,000; cost mtce., \$200; wks. owned by Co.

BEAVER SPRINGS, p. 600; f. area, 20 a.; merc. bldgs., bk., stn. & wd., 2 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—500 ft. cot., rub. lined, hose.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; stdp. cap., 37,000 gals.; mains, 3 m., 4 to 16 in. dia.; 11 hyd.; 11 v.; pipe, c. i.; pres., dom. 72 lbs., f., 72 lbs.; cons. day, 24,000 gals.; cost, \$20,000; cost mtce., \$365; wks. owned by priv. Co.

BEDFORD, p. 2,235; merc. bldgs., stn., bk. & wd., 3 stor.; priv., bk., 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell & wh.; tot. mem., 32 vol.; undrs. rating, first class.

Water Supply—Src., res., 1 & 2 m. bus. cent.; sys., grav. & pump to res.; res. cap., 30,000,000 gals.; pump. eng., cap. day 360,000 gals.; mains, c. i., 10 m., 4 to 8 in. dia.; 45 hyd.; 47 v.; 400 serv.; pipe, iron; pres., dom. 65 lbs., f. 140 lbs.; cons. day, 300,000 gals.; cost mtce., \$3,200; wks. owned by city.

BELLEFRONTE, p. 4,145; f. area, 160 a.; merc. bldgs., bk. & stn., 2½ to 4 stor.; priv., bk., stn. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 5 c. hand ex., 1 hose wag., 2 hose car., 3 hose carts, 8 hrs.; hose, cot., rub. lined, gd., 3,200 ft.; f. al., bell & wh.; val. equip., \$12,000; val. bldgs., \$12,000; exp. dept., \$1,000; tot. mem., 180 vol.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals.; 4 pump. eng., cap. day, 4,000,000 gals.; mains, 10 m., 4 to 12 in. dia.; 66 met.; 71 hyd.; pres., dom. 85 lbs., f. 105 lbs.; cost, \$100,000; cost mtce., \$6,000; wks. owned by city.

BELLEVERNON, p. 2,372; f. area, 260 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—4 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 900 ft.; inf., 300 ft.; tot. hose, 1,200 ft.; f. al., wh.; val. equip., \$400; val. bldgs., \$2,500; exp. dept., \$200; tot. mem., 70 vol.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 1,000,000 gals.; pump. eng., cap. day 750,000 gals.; mains, iron, 5 m., 4 to 3 in. dia.; 34 hyd.; met., 20; pipe, lead; pres., dom. 80 lbs., f. 160 lbs.; cost, \$35,000; cost mtce., \$3,000; wks. owned by city.

BELLEVUE, p. 6,328; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 1 to 4 stor.; priv., stn. & bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 8 c. hand ex., 2 hose carts, 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 35 vol.

Water Supply—Src., well; sys., dir.; stdp. cap., 500,000 gals.; dim., 30 x 100; mat., iron; 2 res. cap., 7,000,000 gals.; 3 pump. eng., class h. d., cap. day 10,000,000 gals.; mains, c. i., 85 m., 4 to 20 in. dia.; 350 hyd.; 3,000 met.; 5,600 serv.; pipe, lead; pres., dom. 90 lbs., f. 90 lbs.; cons. day, 2,700,000 gals.; wks. owned by priv. Co.

BELLWOOD, p. 2,277; f. area, 570 a.; merc. bldgs., wd., bk. & stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 700 ft.; tot. hose, 2,700 ft.; f. al., wh. & telp.; val. equip., \$3,500; val. bldgs., \$3,500; exp. dept., \$800; tot. mem., 52 vol.

Water Supply—Src., Laurel riv., 8 m. bus. cent.; sys., grav. & dir.; mains, 7 m., 3 to 10 in. dia.; 32 hyd.; 59 v.; 360 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 100 lbs.; cost \$24,000; wks. owned by town.

BEN AVON, p. 2,200; f. area, 400 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag.,

3 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., elec., 18 bx.; val. equip., \$3,500; val. bldgs., \$500; exp. dept., \$500; tot. mem., 42 vol.

Water Supply—Src., wells, 3 m. bus. cent.; sys., dir. pump to stdp.; stdp. cap., 150,000 gals.; dim., 20 x 100; mat., wrt. i.; res. cap., 7,800,000 gals.; 3 pump. eng., comb. cap. day, 10,000,000 gals.; mains, c. i., 90 m., 2 to 20 in. dia.; 4,523 met.; pres., f. 100 lbs.; wks. owned by priv. Co.

BERLIN, p. 1,366; f. area, 150 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 10 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; tot. mem., 75 vol.

Water Supply—Src., sand spr.; sys., grav. to res.; res. cap., 500,000 gals.; mains, 7 m.; 26 hyd.; 250 serv.; pres., f. 100 lbs.; cost, \$50,000; wks. owned by Co.

BERWICK, Columbia Co., p. 5,357; f. area, 640 a.; merc. bldgs., wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 comb. c. & h. wag., 1 c. eng., 1 c. hand ex., 3 hose wags., 8 hose carts, 1 hrs.; hose, cot., rub. lined, gd., 2,900 ft.; inf., 800 ft.; tot. hose, 3,700 ft.; f. al., wh.; tot. mem., 350 vol.

Water Supply—Src., spr., 5 m. bus. cent.; sys., grav.; res. cap., 65,000,000 gals.; pump. eng., cap. day, 4,500,000 gals.; mains, iron, 16 m., 2 to 16 in. dia.; 61 hyd.; 60 v.; 2,700 serv.; pipe, iron & lead; pres., dom. 72 lbs., f. 85 lbs.; cost, \$87,150; cost mtce., \$2,000; wks. owned by city.

BERWYN, p. 1,000; f. area, 110 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 auto. str., 1 h. & l. trk., 8 c. hand ex., 1 hose cart; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; val. equip., \$2,700; val. bldgs., \$15,000; tot. mem., 175 vol.

Water Supply—Src., creek; sys., pump to res.; pump. eng., cap. day, 2,000,000 gals.; wks. owned by Co.

BETHLEHEM, p. 12,837; f. area, 5,500 a.; merc. bldgs., bk. & wd., 1½ to 5 stor.; priv., stn., bk. & wd., 2½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 3 comb. c. eng., 2 c. hand ex., 1 aer. trk., 2 hose carts, 6 hrs.; hose, cot., rub. lined, gd., 6,700 ft.; f. al., bell & wh., 28 bx.; val. equip., \$35,000; val. bldgs., \$40,000; exp. dept., \$3,500; tot. mem., 236, pd. full time 3, pd. part time 13, vol. 220.

Water Supply—Src., spr. & wells; sys., pump to stdp. & dir.; stdp. cap., 1,050,000 gals.; dim., 25 x 25, 50 x 50, loc. in borough; mat., iron; 3 pump. eng., cap. day, 3,000,000 gals.; mains, c. i., 15 m., 4 to 20 in. dia.; 98 hyd.; 2,000 serv.; pres., dom. 80 lbs., f. 70 lbs.; cons. day, 1,500,000 gals.; cost, \$104,000; cost mtce., \$10,000; wks. owned by borough; Bethlehem City Water Co., So. Bethlehem.

BIG RUN, p. 1,000; f. area, 65 a. F. dept.—2 hose carts, 1,000 ft. hose; val. equip., \$1,000; vol.

Water Supply—Src., res.; sys., grav.; 2 pump. eng.; 20 hyd.; mains, 4 m.; pres., f., 80 lbs.; wks. owned by priv. Co.

BIRDSBORO, p. 2,930; f. area, 640 a.; bldgs., bk. & stn., 2 to 3½ stor.; fwks. & combt. ord. F. dept.—1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$5,000; val. bldgs., \$5,200; exp. dept., \$600; tot. mem., 85 vol.

Water Supply—Src., spr. & str., 2½ m. bus. cent.; sys., grav. to res.; res. cap., 28,000,000 gals.; loc. in hills; mains, iron, 12 m., 4 to 16 in. dia.; 38 hyd.; 100 v.; pres., dom. 80 lbs., f. 80 lbs.; cost, \$65,000; wks. owned by Co.

BLAIRSVILLE, p. 3,572; f. area, 100 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 4 hose wags.; hose, cot., rub. lined, gd., 1,700 ft.; inf., 100 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$2,200; tot. mem., 50 vol.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 169,190 gals.; pump. eng., cap. day, 1,000,000 gals.; mains, 8 m., 3 to 12 in. dia.; 60 hyd.; pres., dom. 60 lbs., f. 80 lbs.; cost, \$35,000; cost mtce., \$2,500; wks. owned by town.

BLAKELY, p. 5,845; bldgs., wd. F. dept.—2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 4,000

ft.; inf., 50 ft.; tot. hose, 4,050 ft.; f. al., elec., 18 bx.; val. equip., \$6,000; exp. dept., \$500; tot. mem., 50 vol.

Water Supply—Sys., grav.; pres., 125 lbs.

BLOOMSBURG, p. 7,413; f. area, 960 a.; merc. bldgs., bk., 3 & 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 5 supply wag., 4 hose car.; hose, cot., rub. lined, 4,000 ft.; inf., 1,000 ft.; tot. hose, 5,000 ft.; f. al., telg., 12 bx.; val. equip., \$9,800; val. bldgs., \$21,500; exp. dept., \$1,000; tot. mem., 400 vol.

Water Supply—Src., Fishing Creek, ½ m. bus. cent.; sys., pump to res. dir.; res. cap., 4,500,000 gals., loc. at pump. station; 2 pump. eng., cap. day, 9,000,000 gals.; mains, c. i., 17 m., 4 to 12 in. dia.; 75 hyd.; 60 v.; met., 66; 1,100 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 60 lbs.; cons. day, 900,000 gals.; cost, \$150,000; cost mtce., \$3,500; wks. owned by Co.

BLOSSBURG, p. 2,303; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 hose carts, 1 hose car.; hose, cot., rub. lined, gd., 300 ft.; rub., gd., 700 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., bell & wh.; val. equip., \$6,000; val. bldgs., \$8,000; exp. dept., \$500; tot. mem., 84 vol.

Water Supply—Src., str., sys., grav.; res. cap., 6,000,000 gals.; mains, 8 m., 4 to 12 in. dia.; 42 hyd.; 275 serv.; pres., dom. 100 lbs., f. 100 lbs.; cost, \$40,000; cost mtce., \$1,000; wks. owned by Co.

BOLIVAR, p. 518. F. dept.—1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; vol.

Water Supply—Src., well; sys., grav.; stdp. cap., 2,000,000 gals.; mains, 6 m., 6 to 10 in. dia.; 26 hyd.; pres., 75 lbs.; wks. owned by city.

BOYERTOWN, p. 2,433; f. area, 250 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk., 2½ stor.; wd. rfs. perm. in f. area. F. dept.—1 str., 2 h. & l. trk., 4 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$10,000; exp. dept., \$500; tot. mem., 250 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 560,000 gals.; mains, 5½ m., 4 to 12 in. dia.; 150 hyd.; 300 serv.; pres., f. 75 lbs.; cost mtce., \$1,500; wks. owned by borough.

BRACKENRIDGE, p. 3,134; f. area, 80 a. F. dept.—6 c. hand ex., 1 hose reel, 1 h. & l. trk., 1,500 ft. hose; f. al., wh.; val. equip., \$2,550; val. bldgs., \$4,000; tot. mem., 50 vol.

Water Supply—Std. cap., 1,500,000 gals.; sys., grav.; mains, 4½ m., 4 to 20 in. dia.; pres., 90 lbs.; wks. owned by city.

BRADDOCK, p. 19,357; f. area, 5,000 a.; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 auto. comb. h. & l. trk., 1 auto. hose trk., 4 c. hand ex., 1 h. & l. trk., 1 hose reel, 1 comb. c. & h. wag., 1 hose car.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 29 bx.; val. equip., \$12,000; val. bldgs., \$40,000; exp. dept., \$11,000; tot. mem., 10, pd. full time.

Water Supply—Src., Monongahela riv., ½ m. bus. cent.; sys., grav.; pump to res.; res. cap., 12,500,000 gals.; 3 pump. eng., cap. day, 10,000,000 gals.; mains, c. i., 20 m., 4 to 16 in. dia.; 109 hyd.; met., 434; pres., dom. 50 to 125 lbs., f. 80 to 125 lbs.; cons. day, 3,250,000 gals.; cost, \$231,000; cost mtce., \$13,000; wks. owned by city.

BRADFORD, p. 14,554; f. area, 1,460 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 chief's auto. with c. equip., 2 comb. c. & h. wag., 8 c. hand ex., 1 str., 1 h. & l. trk., 1 hose wag., 8 hose reels; hose, cot., rub. lined, gd., 5,800 ft.; f. al., Gamewell, 65 bx.; val. equip., \$38,303; val. bldgs., \$23,164; exp. dept., \$18,360; tot. mem., 18, pd. full time 17, pd. part time 1.

Water Supply—Src., spr. & wells, 5 m. bus. cent.; sys., grav. & pump; res. cap., 320,000,000 gals., loc. 5 m. west city; mains, c. i., 35 m., 4 to 24 in. dia.; 232 hyd.; 610 v.; met., 117; 3,860 serv.; pipe, lead & galv. i.; pres., dom. 53 lbs., f. 85 lbs.; cons. day, 2,000,000 gals.; cost, \$520,000; cost mtce., \$12,000; wks. owned by city.

BRIDGEPORT, p. 2,860; f. area, 100 a.; bldgs., bk., stn. & wd., 2 & 5 stor. F. dept.—1 auto. comb. c. & h. wag., 1 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., telp.; val. equip., \$2,500; val. bldgs., \$6,000; tot. mem., 85 vol.; undrs. rating, first class.

Water Supply—Src., Schuylkill riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to res. & dir.; res. cap., 8,000,000 gals.; pump. eng., cap. day, 1,000,000 gals.; mains, c. l., 8 m., 4 to 10 in. dia.; 47 hyd.; 27 v.; met., 41; 570 serv.; pipe, c. l.; pres., dom. & f. 85 to 80 lbs.; cons. day, 300,000 gals.; cost, \$40,000; cost mtce., \$2,000; wks. owned by Co.

BRISTOL, p. 9,256; f. area, 680 a.; merc. bldgs., wd., stn. & bk., 2 to 4 stor.; priv., stn., bk. & wd., $2\frac{1}{2}$ to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 chiefs auto., 1 str., 2 comb. c. & h. wag., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 600 ft.; c., 500 ft.; tot. hose, 1,100 ft.; f. al., Gamewell, 14 bx.; val. equip., \$12,000; val. bldgs., \$25,000; tot. mem., 600 vol.; undrs. rating, first class.

Water Supply—Src., riv.; sys., pump to tk. & dir.; tk. cap., 150,000 gals.; 3 pump. eng., cap. day 3,000,000 gals.; mains, c. l., 10 m., 4 to 8 in. dia.; 100 hyd.; 30 v.; met., 2; 1,000 serv.; pipe, lead & iron; pres., dom. 70 lbs., f. 150 lbs.; cons. day, 1,000,000 gals.; cost, \$73,000; cost mtce., \$4,600; wks. owned by Co.

BROCKWAYVILLE, p. 1,898; f. area, 500 a.; bldgs., wd. & bk. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; val. equip., \$1,000; tot. mem., 25 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 200,000 gals.; mains, 6 m.; pres., dom. 65 lbs., f. 65 lbs.; wks. owned by Co.

BROOKVILLE, p. 3,003; f. area, 350 a.; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—4 c. hand ex., 1 h. & l. trk., 6 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; priv. hose can be used if necessary; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$1,200; exp. dept., \$400; tot. mem., 40 vol.

Water Supply—Src., creek, $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 360,000 gals.; res. cap., 16,980,000 gals.; 2 pump. eng., cap. day, 1,000,000 gals.; mains, c. l., $9\frac{1}{2}$ m., 8 to 8 in. dia.; 27 hyd.; 30 met.; 400 serv.; pipe, lead & galv. i.; pres., dom. 50 lbs., f. 75 lbs.; cons. day, 315,000 gals.; cost, \$124,000; cost mtce., \$3,000; wks. owned by Co.

BROWNSVILLE, p. 2,324; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,450 ft.; rub. gd., 300 ft.; inf., 300 ft.; tot. hose, 2,050 ft.; f. al., automatic wh., 11 bx.; val. equip., \$2,880; val. bldgs., \$7,500; exp. dept., \$260; tot. mem., 30 vol.; undrs. rating, second class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 11 m., 4 to 8 in. dia.; 26 hyd.; 18 v.; pipe, lead; pres., f. 120 lbs.; cost, \$25,000; wks. owned by Co.

BRYN MAWR, p. 5,500; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., stn., $2\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 2 c. hand ex., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 2,000 ft.; inf., 600 ft.; tot. hose, 2,600 ft.; f. al., gong, 600 bx.; val. equip., \$3,500; val. bldgs., \$27,000; exp. dept., \$1,000; tot. mem., 240, pd. full time 1, pd. part time 1, vol. 238.

Water Supply—Src., creek; sys., grav. & pump to stdp.; stdp. cap., 940,000 gals.; pump. eng., cap. day 595,000 gals.; mains, cem., 50 m., 2 to 8 in. dia.; 60 hyd.; met., 384; 1,783 serv.; pipe, wrt. i.; pres., dom. 85 lbs., f. 50 lbs.; wks. owned by Co.

BUTLER, p. 20,728; f. area, 3 sq. m.; merc. bldgs., stn., bk. & wd., 2 to 6 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. c. & h. wag., 2 auto. comb. c. & h. wag., 1 chiefs auto., 12 c. hand ex., 6 hose car., 2 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 6,100 ft.; f. al., wh.; val. equip., \$14,000; exp. dept., \$14,000; tot. mem., 35, pd. full time 12, pd. part time 10, vol. 18.

Water Supply—Src., 2 impounding res., 3 & 6 m. bus. cent.; sys., pump to res. & dir.; impounding res., cap. 206,415,000 gals. & 94,350,000 gals.; high service res., cap., 2,000,000 gals.; 7 pump. eng., cap. day, 14,000,000 gals.; mains, wrt. & c. l., 55 m., 2 to 18 in. dia.; 214 hyd.; 2,665 met.; 3,155 serv.; pres., dom. & f. 95 to 100 lbs.; wks. owned by priv. Co.

CALIFORNIA, p. 2,230; bldgs., bk. & wd., 2 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hose car., 15 c. hand ex.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$100; tot. mem., 36 vol.

Water Supply—Src., wells; pres., dom. 100 lbs., f. 130 lbs.; 30 hyd.

CAMBRIDGE SPRINGS, p. 1,514; f. area, 500 a.; bldgs., wd.; wd. houses not perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; inf., 100 ft.; tot. hose, 2,000 ft.; f. al., wh. & telp.; exp. dept., \$1,500; tot. mem., 60 vol.

Water Supply—Src., creek, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 118,000 gals.; dim., 20 x 50; mat. stl.; pumps, cap. day 20,000 gals.; mains, 6 1-19 m., 4 to 10 in. dia.; 56 hyd.; met., 834; 247 serv.; pipe, lead; pres., dom. 90 lbs., f. 120 lbs.; cons. day, 100,000 gals.; cost, \$30,000; cost mtce., \$4,800; wks. owned by city.

CANNELTON, p. 108; f. area, 100 a.; merc. bldgs., stn. & bk., 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; no fwks. ord. F. dept.—2 str., 3 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,500; tot. mem., 30 vol.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; res. cap., 300,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, c. l., 8 m., 4 to 16 in. dia.; 62 hyd.; pres., dom. & f. 90 lbs.; cost, \$20,000; cost mtce., \$1,500; wks. owned by city.

CANONSBURG, p. 3,391; f. area, 700 a.; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$4,000; val. bldgs., \$3,500; exp. dept., \$800; tot. mem., 100 vol.

Water Supply—Src., creek, $3\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 3,000,000 gals.; loc. $1\frac{1}{2}$ m. east town; 1 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 68 hyd.; 61 v.; met., 1,000; 1,200 serv.; pipe, iron & lead; pres., dom. & f., 140 lbs.; cons. day, 500,000 gals.; wks. owned by Co.

CANTON, p. 1,637; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 50 c. hand ex., 1 hose wag., 3 hose carts; hose, cot., rub. lined, gd., 3,100 ft.; inf., 500 ft.; tot. hose, 3,600 ft.; f. alarm, elec.; val. equip., \$2,600; val. bldgs., \$5,000; exp. dept., \$600; tot. mem., 100 vol.

Water Supply—Src., lake, 2 m. bus. cent.; sys., grav.; res. cap., 5,000 bbls.; mains, 10 m., 6 to 10 in. dia.; 82 hyd.; pres., dom. 80 lbs., f. 110 lbs.; cost, \$60,000; wks. owned by Co.

CARBONDALE, p. 17,040; f. area, 2,880 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 2 hand ex., 2 hose wag., 1 hose car., 1 ex. ladder, 5 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., Gamewell, 23 bx.; val. equip., \$10,500; val. bldgs., \$17,500; exp. dept., \$3,000; tot. mem., 360 vol.

Water Supply—Src., spr. & wells, 3 m. bus. cent.; sys., grav.; res. cap., 1,250,000,000 gals.; mains, c. l., 55 m., 4 to 24 in. dia.; 160 hyd.; met., 75; 5,000 serv.; pipe, galv. i.; pres., dom. 50 to 90 lbs., f. 110 to 150 lbs.; cons. day, 6,500,000 gals.; wks. owned by Co.

CARLISLE, p. 10,303; f. area, 6,000 a.; merc. bldgs., stn. & bk., 3 stor.; priv., bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 str., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 1 aer. trk., f. patrol & salvage corps, 20 men, 6 hose car., 2 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell, 20 bx.; val. equip., \$15,000; val. bldgs., \$25,000; exp. dept., \$2,000; tot. mem., 900 vol.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump to res.; res. cap., 3,000,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, c. l. 31 m., 4 to 16 in. dia.; 126 hyd.; 497 met.; 1,650 serv.; pipe, iron; pres., dom. 35 lbs., f. 35 lbs.; cons. day, 1,000,000 gals.; wks. owned by Co.

CARNEGIE, p. 10,009; f. area, 1,500 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—20 c. hand ex., 2 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bell & wh.; val. equip., \$7,000; val. bldgs., \$10,000; exp. dept., \$100; tot. mem., 100 vol.; undrs. rating, third class.

Water Supply—Src., riv., 9 m. bus. cent.; sys., pump to res.; res. cap., 4,620,000 gals.; 2 pump. eng., cap. day 6,000,000 gals.; mains, c. l. 125 m., 4 to 12 in. dia.; 52 hyd.; met., 125; 390 serv.; pipe, lead; pres., f. 90 lbs.; wks. owned by Co.

CATASAUQUA, p. 5,250; f. area, 325 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 str., 1 h. & l. trk., all factories have priv. hose, 2 priv. hose carts, 5 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; leather, gd., 200 ft.; rub., gd., 2,400 ft.; tot. hose, 3,600 ft.; f. al., wh.; val. equip., \$20,000; val. bldgs., \$18,000; exp. dept., \$1,500; tot. mem., 260, pd. full time 6, vol. 254.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 500,000 gals., dim. 36 x 75; 2 pumps, cap. day 4,000,000 gals.; mains, 6.95 m., 4 to 12 in. dia.; 110 hyd.; 60 v.; met., 100; 550 serv.; pres., dom. 28 lbs., f. 70 lbs.; cons. day, 400,000 gals.; wks. owned by Clear Springs Water Co.

CATAWISSA, p. 1,930; f. area, 300 a.; merc. bldgs., stn. & wd., 2 & 3 stor.; pri. stn. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hose wag., axes, ladders, etc.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$3,000; exp. dept., \$6,000; tot. mem., 78 vol.

Water Supply—Src., mountain spr.; sys., grav. & pump to res.; res. cap., 300,000 gals.; pump. eng., cap. day 48,000 gals.; mains, c. l. 5 m., 4 to 6 in. dia.; 26 hyd.; pipe, galv. i.; pres., dom. 120 lbs., f. 120 lbs.

CENTER HALL, p. 500; merc. bldgs., wd., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 700 ft.; tot. mem., 28 vol.

Water Supply—Src., spr., ½ m. bus. cent.; sys., grav.; res. cap., 441,000 gals.; mains, c. l. 1½ m., 4 to 12 in. dia.; 22 hyd.; pres., dom. 75 to 125 lbs., f. 125 lbs.; cost, \$8,000; wks. owned by city.

CENTRALIA, p. 2,429; f. area, 350 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 hose car., 1 c. eng.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., wh.; val. equip., \$2,500; exp. dept., \$100; tot. mem., 90 vol.

Water Supply—Src., spr., sys., grav.; res. cap., 5,000,000 gals.; mains, 4 m., 2 to 4 in. dia.; 12 hyd.; met., 10; cost, \$16,000; wks. owned by

CHAMBERSBURG, p. 11,800; f. area, 1,280 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 str., 3 c. hand ex., 1 h. & l. trk., 2 comb. c. & h. wag., 5 hose car., 8 hrs.; hose, rub., gd., 3,500 ft.; f. al., Gamewell; val. equip., \$12,000; val. bldgs., \$25,000; exp. dept., \$2,800; tot. mem., 450 vol.

Water Supply—Src., creek, 2 m. bus. cent.; sys., grav.; 11 m. State reservation Birch Run; pump to res. & dir.; new res., cap., 2,000,000 gals.; old res. cap., 2,500,000 gals.; stdp. cap., 5,000 gals.; pump. eng., cap. day 4,000,000 gals.; mains, c. l. 80 m., 4 to 16 in. dia.; 180 hyd.; 60 v.; met., 400; 2,467 serv.; pipe, galv. i. & lead; pres., dom. 37 to 45 lbs., f. 40 to 70 lbs.; cost, \$300,000; cost mtce., \$900; wks. owned by town.

CHARLEROI, p. 9,618; merc. bldgs., bk. F. dept.—1 h. & l. trk., 1 comb. c. & h. wag., 6 hose car.; hose, 4,000 ft.; f. al., elec., 24 bx.; tot. mem., 78 vol.

Water Supply—Src., Monongahela Riv., res.; res. cap., 5,000,000 gals.; pump. eng., cap. day 7,000,000 gals.; 61 hyd.

CHESTER, p. 38,537; f. area, 3,000 a.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv., bk., 3 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—5 str., 3 comb. c. & h. wag., 8 c. hand ex., 2 aer. trk., 1 hose wag., 1 chief's wag., 5 fuel & exercise wag., 19 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; f. al., telp. & Gamewell, 52 bx.; val. equip., \$46,500; val. bldgs., \$40,700; exp. dept., \$19,950; tot. mem., 624, pd. full time 10, 614 vol.; undrs. rating, third class.

Water Supply—Src., Delaware Riv., in bus. cent.; sys., pump to res.; res. cap., 19,000,000 gals., loc. Harrison's Hill, 4 m. city; 3 pump. eng., cap. day 18,000,000 gals.; mains, c. l. 90 m., 4 to 42 in. dia.; 280 hyd.; 677 v.; met., 1,890; 9,403 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 75 lbs.; cons. day, 3,694,000 gals.; cost, \$2,500,000; cost mtce., \$30,000; wks. owned by Co.

CHELTENHAM, p. 2,000; f. area, 1,000 a. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose reel; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; val. equip., \$2,416; val. bldgs., \$2,400; exp. dept., \$500; tot. mem., 180 vol.; undrs. rating, fourth class.

Water Supply—Not reported.

CHICORA, p. 1,200; f. area, 175 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts, 1 reel; hose, cot., rub. lined, 400 ft.; rub., 400 ft.; inf., 500 ft.; tot. hose, 1,300 ft.; val. equip., \$1,200; val. bldgs., \$1,000; tot. mem., 35 vol.

Water Supply—Src., wells, in bus. cent.; sys., grav. & pump to res.; res. cap., 100,000 gals.; pump. eng., cap. day 80,000 gals.; mains, wrt. l. 6 4-5 m., ½ to 6 in. dia.; 25 hyd.; 125 serv.; pipe, galv. i.; pres., dom. 25 to 75 lbs.; f. 75 to 100 lbs.; cost mtce., \$1,000; wks. owned by priv. Co.

CHRISTIANA, p. 984; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 8 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$1,800; exp. dept., \$350; tot. mem., 60 vol.

Water Supply—Src., spr., 2½ m. bus. cent.; sys., grav.; 2 res., cap. 160,000 gals.; mains, c. l. 4½ m., 4 to 8 in. dia.; 22 hyd.; 6 v.; 189 serv.; pipe, c. i. & lead; pres., dom. & f., 70 to 90 lbs.; cons. day, 130,000 gals.; cost, \$26,000; cost mtce., \$350; wks. owned by priv. Co.

CLAIRTON, p. 3,236. F. dept.—1 c. eng., 3 hose reels, 2,000 ft. hose; f. al., bell; vol.

Water Supply—Src., stdp., cap. stdp., 500,000 gals.; mains, 4 m., 4 to 12 in. dia.; 23 hyd.; pres., 50 lbs.; wks. owned by priv. corpa.

CLARENDON, p. 935; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 500 ft.; inf., 1,200 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$1,200; exp. dept., \$125; tot. mem., 130 vol.

Water Supply—Src., wells; sys., grav. & pump dir.; res. cap., 100,000 gals.; mains, 2 m. l. to 4 in. dia.; 13 hyd.; 99 serv.; pres., dom. 20 lbs., f. 90 lbs.; cons. day, 50,000 gals.; cost, \$5,500; cost mtce., \$1,800.

CLARION, p. 2,612; f. area, 250 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$275; tot. mem., 43 vol.

Water Supply—Src., riv. & wells; sys., pump to stdp. & dir.; stdp. cap., 200,000 gals.; pump. eng., cap. day 1,440,000 gals.; mains, c. l. 8½ m., 4 to 6 in. dia.; 29 hyd.; 18 v.; met., 12; 150 serv.; pipe, galv. i.; pres., f. 42 to 57 lbs.; cost, \$33,000; wks. owned by Co.

CLAYSVILLE, p. 1,045; f. area, 20 to 210 a.; merc. bldgs., bk. & frame, 2 to 5 stor.; priv., bk. & frame, 2 stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—1 hand eng.; hose, gd., 800 ft.; f. al., bell; val. equip., \$900; tot. mem., 40 vol.

Water Supply—Src., spr., $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; 2 stdp., cap. 110,000 gals., dim. 25 x 30, mat. stl., and 210,000 gals., dim. 35 x 30, mat. stl.; res. cap., 75,000 gals.; 1 pump, cap. day, 15,000 gals.; mains, c. i., 2 $\frac{1}{2}$ m., 4 to 10 in. dia.; 80 hyd.; met., 88; 37 serv.; pipe, galv. i.; pres., f. 110 lbs.; cons. day, 5,000 gals.; cost, \$12,500; cost mtce., \$500; wks. owned by borough.

CLEARFIELD, p. 6,851; f. area, 1,600 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 7 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 500 ft.; tot. hose, 4,000 ft.; f. al., wh. & telp.; val. equip., \$9,000; val. bldgs., \$8,000; exp. dept., \$1,000; tot. mem., 850 vol.; undrs. rating, first class.

Water Supply—Src., mountain strms., 4 m. bus. cent.; sys., grav. to res.; res. cap., 70,000,000 gals., loc. 4 m. town; mains, c. i., 32 m., 2 to 30 in. dia.; 90 hyd.; 118 v.; met., 40; serv., 1,600; pipe, lead & iron; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 2,500,000 gals.; cost, \$260,000; cost mtce., \$8,200; wks. owned by Co.

CLIFTON HEIGHTS, p. 3,155; f. area, 640 a.; merc. bldgs., stn., 4 & 5 stor.; priv., bk. & wd., 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 c. eng., 2 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; val. bldgs., \$4,000; tot. mem., 200 vol.

Water Supply—Not reported.

CLYMER, p. 1,758. F. dept. not reported.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 6,000 bbls.; mains, 1 $\frac{1}{2}$ m., 4 to 6 in. dia.; 8 hyd.; 8 v.; met., 55; pres., dom. 90 lbs.; f. 90 lbs.; wks. owned by priv. Co.

COALPORT, p. 876; f. area, 100 a.; merc. bldgs., bk. & wd., 1 to 3 $\frac{1}{2}$ stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose reel; hose, cot., rub. lined, gd., 900 ft.; inf., 100 ft.; tot. hose, 1,000 ft.; f. al., wh.; val. equip., \$1,400; tot. mem., 56 vol.

Water Supply—Src., 2 wells & pumps; pump, cap. day, 244,000 gals.; 82 hyd.; waterwks. just completed.

COATESVILLE, p. 11,084; f. area, 1,300 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd. & bk., 2 $\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—2 str., 10 c. hand ex., 1 h. & l. trk., 2 comb. c. & h. wag., 1 hose wag., 3 hose car., 8 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell, wh. & Gamewell, 17 bx.; val. equip., \$20,000; val. bldgs., \$50,000; exp. dept., \$1,000; tot. mem., 500 vol.

Water Supply—Src., creek, $\frac{1}{2}$ m. bus. cent.; sys., grav. & pump to res.; res. cap., 2,000,000 gals.; 3 pump, eng., cap. day 1,130,000 gals.; mains, c. i., 12 m., 4 to 16 in. dia.; 153 hyd.; 240 v.; met., 38; 1,700 serv.; pipe, c. i. & lead; pres., dom. 45 lbs., f. 50 lbs.; cons. day, 130,000 gals.; cost, \$165,000; cost mtce., \$15,000; wks. owned by city.

COCHRANTON, F. dept.—2 hose reels, 600 ft. hose, bell al., 150 vol.

Water Supply—Src., spr., 1 $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp., cap., 400,000 gals.; res. cap., 420,000 gals.; 1 pump, eng., cap. day 25,000 gals.; mains, iron, 4 m., 4 to 6 in. dia.; 20 hyd.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 12,000 gals.; cost, \$30,000; cost mtce., \$800; wks. owned by city.

COLLEGEVILLE, p. 621; f. area, 900 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 2 $\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 750 ft.; inf., 50 ft.; tot. hose, 800 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$2,400; tot. mem., 60 vol.

Water Supply—Not reported.

COLLINGDALE, p. 1,800. F. dept.—1 comb. c. eng. & h. wag.; f. al., bell; val. equip., \$1,900; val. bldgs., \$6,500; tot. mem., 87 vol.

Water Supply—Src., Springfield Water Co.

COLUMBIA, Lancaster Co., p. 11,454; bldgs., bk. & stn., 2 & 4 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—4 str., 1 c. eng., 16 c. hand ex., 1 aer. trk., 8 hose car.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., wh. & bell; 4 shifting eng. on railroad equip., have 100 ft. of hose each; val. bldgs., \$72,500; exp. dept., \$4,000; tot. mem., 100, 12 pd. full time.

Water Supply—Src., riv., 1-6 m. bus. cent.; sys., pump to res. & dir.; res. cap., 5,000,000 gals., loc. 1 $\frac{1}{2}$ m. station; 2 pump, eng., class comp., cap. day 4,500,000 gals.; mains, c. i., 19 m., 6 to 16 in. dia.; 105 hyd.; met., 40; 2,550 serv.; p.p.e. lead & iron; pres., dom. 20 lbs., f. 70 lbs.; cons. day, 1,000,000 gals.; wks. owned by Co.

COLWYN, p. 1,584; merc. bldgs., stn., bk. & wd., F. dept.—1 comb. wag. equipped with 2 35-gal. c. tk., ladders, 1 hose car., 1 h. & l. trk., 125 ft. ladders, 4 hand ex., 1,600 ft. hose, 200 ft. c. hose; tot. hose, 1,800 ft.; f. al., bell; tot. mem., 175 vol.

Water Supply—Src., hyd.

CONFLUENCE, p. 890; f. area, 150 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose reels, 950 ft. hose; f. al., wh., 1 bx.; val. equip., \$2,000; val. bldgs., \$1,500; tot. mem., 20 vol.

Water Supply—Src., Drake Run, 3 $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 1,500,000 gals.; mains, c. i., 5 m., 4 to 6 in. dia.; 17 hyd.; 31 met.; 154 serv.; pipe, c. i.; pres., dom. 60 lbs., f. 180 lbs.; cons. day, 250,000 gals.; cost, \$21,500; cost mtce., \$600; wks. owned by Citizens Water Co.

CONEMAUGH, p. 3,100; bldgs., wd., 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 1 hose car.; hose, rub., gd., 500 ft.; f. al., bell; tot. mem., 50 vol.

Water Supply—Src., mountain strm., 2 m. bus. cent.; sys., grav.; res. cap., 2,500,000 gals.; mains, c. i., 6 $\frac{1}{2}$ m., 4 to 10 in. dia.; 80 hyd.; met., 600; 600 serv.; pipe, lead; pres., dom. 130 lbs., f. 160 lbs.; cost, \$45,000; cost mtce., \$1,800; wks. owned by Co.

CONNEAUT LAKE, p. 700; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts, 6 hand ex., 1 c. eng.; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,000; exp. dept., \$100; tot. mem., 52 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; 1 pump, eng., cap. day, 860,000 gals.; 17 hyd.; pres., dom. 43 lbs., f. 80 lbs.; cost, \$7,000; cost mtce., \$300; wks. owned by city.

CONNEAUTVILLE, p. 920; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—8 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$500; exp. dept., \$25; tot. mem., 100 vol.

Water Supply—Src., spr., 1 $\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 150,000 gals.; mains, c. i., 5 m., 4 to 6 in. dia.; 36 hyd.; 36 v.; 96 met.; 250 serv.; pres., dom. & f., 45 lbs.; cons. day, 40,000 gals.; cost, \$21,000; cost mtce., \$400; wks. owned by borough.

CONNELLVILLE, p. 12,845; f. area, 900 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—4 c. hand ex., 1 auto. comb. c. & h. trk., 1 h. & l. trk., 1 comb. c. & h. wag., 4 hose carts; hose, rub. gd., 3,000 ft.; f. al., bell & wh.; val. equip., \$12,500; val. bldgs., \$7,000; exp. dept., \$6,710; tot. mem., 45, pd. part time 20, vol. 20; undrs. rating, first class.

Water Supply—Src., Youghiogeny Riv. & res.; sys., grav. & pump dir.; res. cap., 20,000,000 gals., loc. 1-3 m. town; 8 pump, eng., cap. day 7,000,000 gals.; mains, c. i., 25 m., 4 to 16 in. dia.; 130 hyd.; met., 250; 3,000 serv.; pres., f. 120 lbs.; cost, \$120,000; wks. owned by Co.

CONSHOHOCKEN, p. 7,480; f. area, 640 a.; merc. bldgs., bk., 2 $\frac{1}{2}$ & 3 stor.; priv., bk., 2 $\frac{1}{2}$ & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 2 comb. c. & h. wag., 6 c. hand ex.,

2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$10,000; exp. dept., \$1,700; tot. mem., 300, pd. full time 2, pd. part time 5, vol. 293.

Water Supply—Src., watershed of Pickering Creek, 12 m. bus. cent.; sys., pump to stdp.; stdp. cap., 2,000,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 9½ m., 3 to 10 in. dia.; 55 hyd.; 60 v.; met., 55; 568 serv.; pipe, lead; pres., dom. 20 to 90 lbs., f. 55 to 90 lbs.; cost, \$110,000; wks. owned by Springfield Consolidated Water Co.

COOPERSBURG, p. 683; f. area, 450 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk.; 2 hose reels; hose, cot., rub. lined, gd., 900 ft.; f. al., magneto, 10 bx.; val. equip., \$1,400; exp. dept., \$150; tot. mem., 52 vol.

Water Supply—Stdp. cap., 300,000 gals.; mains, 3 m., 6 to 8 in. dia.; 24 hyd.; pres., 40 lbs.

COPLAY, p. 2,670; f. area, 625 a.; bldgs., priv., bk. & wd., 2 to 4 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 hose wag.; hose, cot., rub. lined, 700 ft.; f. al., bell; val. equip., \$2,200; val. bldgs., \$200; exp. dept., \$50; tot. mem., 150 vol.

Water Supply—Src., spr. & watershed, 3½ m. bus. cent.; sys., grav., pump to res.; res. cap., 3,000,000 gals.; pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. i., 3½ m., 4 to 10 in. dia.; 28 hyd.; 41 v.; met., 6; 103 serv.; pipe, galv. i. & lead; pres., dom. 70 lbs., f. 125 lbs.; cons. day, 37,000 gals.; cost, \$30,000; wks. owned by priv. Co.

CORAOPOLIS, p. 5,252; bldgs., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—2 hose car., 2 hose carts, 1 h. & l. wag.; hose, cot., rub. lined, gd., 2,500 ft.; rub., 100 ft.; tot. hose, 2,600 ft.; tot. mem., 12 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 160,000 gals.; 3 pump. eng., cap. day, 3,500,000 gals.; mains, 20 m., 4 to 10 in. dia.; 80 hyd.; met., 150; 1,000 serv.; pres., dom. 85 lbs., f. 140 lbs.; cons. day, 750,000 gals.; cost, \$50,000; cost mtce., \$6,000; wks. owned by borough.

CORRY, p. 5,991; f. area, 640 a.; merc. bldgs., bk., stn. & cem., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—4 c. hand ex., 2 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 15 bx.; val. equip., \$15,000; val. bldgs., \$20,000; exp. dept., \$2,600; tot. mem., 91, pd. full time 2, vol. 89.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to res.; res. cap., 4,500,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 36 m., 3 to 12 in. dia.; 85 hyd.; 150 v.; met., 1,200; 1,400 serv.; pipe, galv. i.; pres., dom. 125 lbs., f. 125 lbs.; cons. day, 850,000 gals.; cost, \$275,000; wks. owned by Co.

COUDERSPORT, p. 3,100; f. area, 300 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose car., buckets; hose, rub., gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 80 vol.; undrs. rating third class.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 7,500,000 gals.; mains, c. i., 10 m., 3 to 3 in. dia.; 58 hyd.; 65 v.; met., 5; 700 serv.; pipe, lead & iron; pres., dom. 50 lbs., f. 100 lbs.; cost, \$100,000; cost mtce., \$1,100; wks. owned by Co.

CRAFTON, p. 4,583. F. dept.—1 h. & l. trk., 5 hose car., 1 hose wag.; hose, cot., rub. lined, gd., 2,400 ft.; rub., gd., 1,200 ft.; tot. hose, 3,600 ft.; tot. mem., 60 vol.

Water Supply—Src., Monongahela Riv.; sys., pump to res. & dir.; res. cap., 3,500,000 gals.; 3 pump. eng., cap. day 15,000,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; 61 hyd.; met., 6; 290 serv.; pipe, lead; pres., dom. 60 lbs., f. 125 lbs.; wks. owned by Co.

CRESSON, Cambria Co., p. 1,470; f. area, 250 a. F. dept.—2 c. eng., 2 hose reels, ladders, buckets &c.; hose, cot., rub. lined, gd., 1,000 ft.;

f. al., bell; val. equip., \$3,000; exp. dept., \$1,000; tot. mem., 50 vol.

Water Supply—Not reported.

CRESSONA, Schuylkill Co., p. 1,837; f. area, 2 m.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 6 c. hand ex., 2 comb. c. & h. wag., 1 h. & l. trk.; hose, cot., rub. lined, gd., 200 ft.; rub., gd., 100 ft.; tot. hose, 300 ft.; val. equip., \$2,800; val. bldgs., \$3,500; exp. dept., \$150; tot. mem., 175 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav. & pump dir.; pump. eng., cap. day 500,000 gals.; mains, 12 m., 2 to 8 in. dia.; 30 hyd.; 600 serv.; pres., f. 130 lbs.; cost, \$400,000; cost mtce., \$8,000; wks. owned by city.

CURWENSVILLE, p. 2,549; f. area, 1,280 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 c. eng., 25 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., bell, wh. & telp.; val. equip., \$3,500; val. bldgs., \$4,000; tot. mem., 60 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav., pump to res.; res. cap., 2,000,000 gals.; 2 pump. eng., class compound, cap. day 1,500,000 gals.; mains, c. i., 10 m., 4 to 10 in. dia.; 44 hyd.; 50 v.; met., 15; 320 serv.; pipe, lead & iron; pres., dom. 90 lbs., f. 130 lbs.; cons. day, 400,000 gals.; cost, \$53,000; cost mtce., \$1,200; wks. owned by Co.

DALLAS, F. dept. not reported.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; 1 pump. eng.; cap. day, 20,000,000 gals.; mains, c. i., 3 m., 3 to 6 in. dia.; cost, \$20,000; cost mtce., \$300; wks. owned by priv. Co.

DALLASTOWN, p. 1,884; f. area, 400 a.; merc. bldgs., bk. & stn., 3 stor.; priv., bk., stn. & wd., 2 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 2 hose wag., 1 hose car., 1 hand f. eng.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bells; val. equip., \$7,000; val. bldgs., \$2,500; exp. dept., \$200; tot. mem., 150 vol.

DALTON, p. 767; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 to 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose reel; hose, cot., rub. lined, gd., 750 ft.; f. al., bell; val. equip., \$400; tot. mem., 20 vol.

Water Supply—Src., res., ¼ m. bus. cent.; sys., grav.; res. cap., 200,000 gals.; mains, c. i., 3½ m., 4 to 10 in. dia.; 18 hyd.; pres., dom. 20 to 100 lbs., f. 100 lbs.; cost, \$30,000; cost mtce., \$500; wks. owned by priv. Co.

DANVILLE, p. 7,517; f. area, 1,400 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 auto. comb. c. hose & ladder trk., 1 str., 1 hand eng., 1 hose wag., 4 hose car.; hose, linen, gd., 4,000 ft.; f. al., wh.; val. equip., \$15,000; val. bldgs., \$19,000; exp. dept., \$1,100; tot. mem., 800 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump dir.; res. cap., 98,000 gals.; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 13 m., 2 to 12 in. dia.; 100 hyd.; met., 15; 1,200 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 100 lbs.; cons. day, 1,000,000 gals.; cost, \$200,000; cost mtce., \$10,000; wks. owned by city.

DARBY, p. 6,305; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; undrs. rating, second class.

Water Supply—Src., creek; supplied by Springfield Consolidated Water Co.; pres., 90 lbs.

DAWSON, F. dept.—1 hose reel, 1 h. & l. trk., 1,200 ft. hose, vol.

Water Supply—Src., 2 artesian wells, 1 m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals.; 2 pump. eng., cap. day 45,000 gals.; mains, c. i., 3 m., 4 to 10 in. dia.; 29 hyd.; 10 v.; pres., dom. 200 lbs.; cons. day, 6,000 gals.; cost, \$15,000; wks. owned by borough.

DELANO, p. 1,100; merc. bldgs., bk. & wd., 1 to 2½ stor.; priv., bk. & wd., 1 to 2½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F.

dept.—2 hose carts; hose, cot., rub. lined, gd., 700 ft.; f. al., wh., vol.

Water Supply—Src., spr., sys., grav.; res. cap., \$1,000,000 gals.; mains, 1½ m.; 71 hyd.; 145 serv.; pres., f. 42 lbs.; cost, \$31,700; wks. owned by Co.

DELTA, p. 881; f. area, 70 a. F. dept.—2 c. hand ex., 1 hose reel, 1 h. & l. trk.; hose, cot., rub. lined, gd., 600 ft.; f. al., elec., 10 bx.; val. equip., \$1,000; val. bldgs., \$6,000; tot. mem., 30 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; stdp. cap., 5,000 gals.; mains, 2 m., 4 to 6 in. dia.; 20 hyd.; wks. owned by city.

DERRY STATION, p. 2,954; f. area, 850 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hose wag., 1 h. & l. trk., 8 hose reels, ladders, hired hrs.; hose, rub., gd., 1,800 ft.; inf., 500 ft.; tot. hose, 2,300 ft.; val. equip., \$2,500; val. bldgs., \$50; tot. mem., 40 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav. & pump to res.; 4 res., cap. 161,000,000 gals.; 3 pump. eng., cap. day 900,000 gals.; mains, c. i. & cem., 9 m., 4 to 10 in. dia.; 29 hyd.; 80 v.; 12 met.; 395 serv.; pipe, lead; pres., dom. 90 lbs.; f. 145 lbs.; cons. day, 1,000,000 gals.; cost, \$245,000; cost mtce., \$3,000; wks. owned by priv. Co.

DICKSON CITY, p. 9,331; f. area, 1,920 a.; merc. bldgs., stn., bk. & wd., 2½ & 3 stor.; priv., bk., 2½ & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 8 c. hand ex., 1 h. & l. trk., 1 jumper, hooks & ladder, 1 hose wag., 1 hose car., 2 hired hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$8,000; tot. mem., 85 vol.

Water Supply—Src., spr., 2½ m. bus. cent.; sys., grav.; res. cap., 2,250,000 gals.; mains, c. i., 8½ m., 4 to 10 in. dia.; 17 hyd.; 33 v.; 455 serv.; pipe, galv. i. & lead; pres., f. 35 to 45 lbs.; cost, \$36,000; cost mtce., \$800; wks. owned by city.

DILLSBURG, F. dept. not reported.

Water Supply—Src., mountain spr., 5 m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, c. i., 6 m., 4 to 8 in. dia.; 30 hyd.; 40 v.; pres., dom. 75 to 100 lbs.; f. 75 to 100 lbs.; cost, \$36,000; cost mtce., \$200; wks. owned by corporation.

DOWNINGTON, p. 2,900; f. area, 200 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 2 hose wag., 2 hose carts, 4 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$14,500; exp. dept., \$2,500; tot. mem., 500 vol.

Water Supply—Src., spr., sys., grav. & pump to res.; res. cap., 2,500,000 gals.; mains, 10 m.; 450 serv.; pipe, lead & iron; pres., dom. 40 lbs.; cost, \$125,000; wks. owned by city.

DOYLESTOWN, p. 3,304; f. area, 640 a.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv., bk., stn. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 10 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; leather, gd., 1,000 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$6,500; exp. dept., \$500; tot. mem., 75 active vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to res. & dir.; res. cap., 350,000 gals.; pump. eng., cap. day 3,000,000 gals.; mains, 7½ m., 3 to 12 in. dia.; 65 hyd.; 67 v.; 500 serv.; pipe, lead & galv. i.; pres., dom. 70 lbs., f. 130 lbs.; cost, \$61,000; cost mtce., \$3,000; wks. owned by borough.

DROVSBURG, p. 2,000; merc. bldgs., wd.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 3 hose reels, 6 c. hand ex.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$800; exp. dept., \$800; tot. mem., 25 vol.

Water Supply—Src., Monongahela Valley Water Co., 7 m. bus. cent.; sys., dir. pres.; mains, c. i.; 21 hyd.; wks. owned by priv. Co.

DU BOIS, p. 12,623; f. area, 1,000 a.; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks.

& combt. ord.; causes of f. inv. F. dept.—3 str., 1 h. & l. trk., 2 hose wag., 7 hose carts, 8 hrs.; hose, cot., rub. lined, gd., 9,200 ft.; f. al., wh., 5 bx.; val. equip., \$31,000; val. bldgs., \$10,000; exp. dept., \$3,000; tot. mem., 300 vol.

Water Supply—Src., creek, 8 m. bus. cent.; sys., grav.; res. cap., 85,500,000 gals.; mains, iron & wd., 35 m., 4 to 30 in. dia.; 187 hyd.; 200 v.; met., 2,500; 2,500 serv.; pipe, lead; pres., dom. 95 lbs., f. 95 lbs.; cons. day, 1,000,000 gals.; cost, \$260,000; cost mtce., \$15,000; wks. owned by city.

DUKE CENTER, p. 500; f. area, 25 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 750 ft.; inf., 750 ft.; tot. hose, 1,500 ft.; f. al., bell, 10 bx.; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 35 vol.

Water Supply—Src., creek; sys., pump to tk.; tk. cap., 40,000 gals.; 1 force pump; mains, 1½ m., 2 & 3 in. dia.; 13 hyd.; cost mtce., \$100; wks. owned by town.

DUNCANNON, p. 1,474; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hand eng., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; leather, gd., 500 ft.; inf., 500 ft.; tot. hose, 1,600 ft.; f. al., wh.

Water Supply—Src., str., 1½ & 4 m. bus. cent.; sys., grav.; res. cap., 550,000 gals.; mains, c. i., 6 m., 2 to 8 in. dia.; 22 hyd.; met., 50; 400 serv.; pipe, iron; pres., dom. 50 lbs., f. 60 lbs.; cost, \$45,201; wks. owned by Co.

DUNCANVILLE, p. 1,263; f. area, 600 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, rub., gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; tot. mem., 90 vol.

Water Supply—Src., Hollidaysburg waterwks.; sys., grav.; mains, 6 m., 12 in. dia.; 13 hyd.; pres., f. 115 lbs.; wks. owned by city.

DUNMORE, p. 17,615; f. area, 800 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 auto. comb. c. & h. trk., 4 hose wag., 2 hose car., 8 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; rub., gd., 4,000 ft.; tot. hose, 12,000 ft.; f. al., Gamewell, 29 bx.; val. equip., \$19,000; val. bldgs., \$28,000; exp. dept., \$11,000; tot. mem., 306, pd. full time 6, vol. 300.

Water Supply—Src., surface water; sys., grav.; res. cap., 65,000,000 gals.; mains, c. i., 15 m., 2 to 14 in. dia.; 108 hyd.; met., 1,300; 1,500 serv.; pipe, wrt. i.; pres., dom. 160 lbs., f. 180 lbs.; wks. owned by Co.

DUQUESNE, p. 15,727; f. area, 1,000 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 c. hand ex., 1 comb. h. & l. trk., 3 hose car., 8 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 2,000 ft.; tot. hose, 6,000 ft.; f. al., wh.; val. equip., \$3,500; val. bldgs., \$40,000; exp. dept., \$3,000; tot. mem., 6, pd. full time.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 500,000 gals., mat. iron; 2 pump. eng., cap. day 1,500,000 gals.; mains, 22 m., 4 to 14 in. dia.; 114 hyd.; met., 1,661; 1,650 serv.; pipe, lead; pres., dom. 100 lbs., f. 180 lbs.; wks. owned by borough.

DUSHORE, p. 813. F. dept.—2 hose reels, 2 h. & l. trk., 1,200 ft. hose, 50 vol.

Water Supply—Src., Paine Run, 2½ m. bus. cent.; sys., grav.; res. cap., 1,500,000 gals.; 1 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 7 m., 4 to 12 in. dia.; 20 hyd., 18 v.; met., 6; pipe, lead; pres., dom. 110 lbs., f. 130 lbs.; cons. day, 75,000 gals.; cost, \$32,800; cost mtce., \$250; wks. owned by priv. Co.

EAST BRADY, p. 1,493; bldgs., wd. & bk., 2 & 3 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 4 c. hand ex., 1 h. & l. trk., 1 hose cart; hose, 500 ft.; f. al., bell; val. equip., \$3,200; val. bldgs., \$250.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., grav. & pump to res.; res. cap., 146,000 gals.; pump. eng., cap. day, 30,000 gals.; mains, 2 m., 4 to 6 in. diam.; 17 hyd.; pres., dom. & f. 55 lbs.; cost, \$30,000; cost mtce., \$500; wks. owned by Co.

EAST MCKEESPORT, p. 2,118; f. area, 800 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels, 2 c. hand ex., ladders, hooks & axes; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; exp. dept., \$100; tot. mem., 60 vol.

Water Supply—Not reported.

EAST MAUCH CHUNK, p. 3,458; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 3 stor.; priv., stn., bk. & wd., 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; val. equip., \$1,800; tot. mem., 120 vol.

Water Supply—Src., wells, supplied by Mauch Chunk; res. cap., 1,636,220 gals.; mains, c. i., 8 m., 2 to 8 in. dia.; 32 hyd.; 837 serv.; pipe, lead; pres., dom. 65 lbs., f. 65 lbs.; wks. owned by Co.

EASTON, p. 28,528; f. area, 1,800 a.; merc. bldgs., stn. & bk., 2 to 9 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—4 str., 1 auto. comb. c. & h. wag., 1 c. eng., 24 c. hand ex., 2 h. & l. trk., 1 aer. trk., 4 comb. c. & h. wag., 1 hose wag., 3 hose carts, 23 hrs.; hose, cot., rub. lined, gd., 11,000 ft.; f. al., elec., 67 bx.; val. equip., \$55,000; val. bldgs., \$46,000; exp. dept., \$25,000; tot. mem., 52, pd. full time 20, pd. part time 32.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to stdp. & res.; cap. 500,000 gals., dim. 25 x 120, mat. iron; res. cap., 8,000,000 gals., loc. on Chestnut hill; 2 pumps & 2 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 3 m., 4 to 24 in. dia.; 160 hyd.; met., 90; 2,000 serv.; pipe, lead; pres., dom. 20 to 120 lbs., f. 120 lbs.; wks. owned by Co.

EAST PITTSBURGH, p. 5,615; f. area, 1,280 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 3 to 6 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 2 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh., 3 bx.; val. equip., \$2,200; val. bldgs., \$4,000; exp. dept., \$250; tot. mem., 40 vol.

Water Supply—Src., riv., sys., pump to res.; 4 res., cap. 32,000,000 gals.; 3 pump. eng., cap. day 26,000,000 gals.; mains, c. i., 155 m., 4 to 42 in. dia.; 700 hyd.; 15,000 met.; 13,500 serv.; pres., dom. & f., 10 to 210 lbs.; wks. owned by priv. Co.

EAST STROUDSBURG, p. 3,330; f. area, 500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,700 ft.; inf., 300 ft.; tot. hose, 2,000 ft.; f. al., wh.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., 1909, \$100; tot. mem., 60 vol.

Water Supply—Src., creek, 8 m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, c. i., 8 m., 4 to 12 in. dia.; 35 hyd.; 24 v.; 650 serv.; pipe, iron; pres., dom. 60 to 80 lbs.; cost, \$47,000; cost mtce., \$1,250; wks. owned by borough.

EBENSBURG, p. 1,978; f. area, 900 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 gasoline eng., 4 c. hand ex., 4 hose wag.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 400 ft.; tot. hose, 2,200 ft.; pipe, iron; pres., f. 120 lbs.; f. al., bell; val. equip., \$5,170; val. bldgs., \$15,000; tot. mem., 200 vol.

Water Supply—Src., pond & 2 wells, 1½ m. bus. cent.; sys., pump to res.; 2 res., cap. 627,460 gals.; 2 pump. eng., cap. day 360,000 gals.; mains, c. i., 5½ m., 4 to 8 in. dia.; 52 hyd.; 45 v.; met., 34; 252 serv.; pres., dom. 20 to 50 lbs.; cons. day, 180,000 gals.; cost, \$20,000; cost mtce., \$1,000; wks. owned by borough.

EDGEWOOD, p. 1,000; f. area, 160 a. F. dept.—1 h. & l. trk., 1 hose cart; f. al., bell; val. equip., \$5,000; exp. dept., \$1,500; mem. pd. part time.

Water Supply—Src., Penna. Water Co.; sys., dir. pres.; mains, 7 m.; wks. owned by priv. Co.

EDINBORO, p. 666; f. area, 50 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—8 hose car., 2 c.

hand ex., ladders; hose, cot., rub. lined, gd., 1,100 ft.; inf., 400 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$2,500; exp. dept., \$100; tot. mem., 65 vol.

Water Supply—Std. cap., 60,000 gals.; mains, 1 m., 4 to 8 in. dia.; 35 hyd.; pres., 78 lbs.; wks. owned by city.

EDWARDSVILLE, p. 8,407; f. area, 1,920 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 aer. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$22,000; exp. dept., \$1,200; tot. mem., 22 vol.

Water Supply—Src., Spring Brook Water Supply Co.

ELDRED, p. 1,285; f. area, 800 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$600; exp. dept., \$450; tot. mem., 25 vol.

Water Supply—Src., 3 spr.; sys., grav.; 2 res., cap., 12,000 bbls.; mains, 6 m., 3 & 6 in. dia.; 35 hyd.; pres., f. 55 lbs.; cost, \$40,000; cost mtce., \$600; wks. owned by priv. Co.

ELIZABETH, p. 2,311; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; val. equip., \$1,000; vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump to res. & dir.; res. cap., 1,800,000 gals.; 3 pump. eng., class trip. & comp., cap. day, 8,250,000 gals.; mains, c. i., 57 m., 2 to 24 in. dia.; 156 hyd.; met., 1,800; 2,684 serv.; pipe, lead; pres., dom. & f. 165 lbs.; cost, \$37,000; wks. owned by city.

ELIZABETHTOWN, p. 2,587; f. area, 640 a.; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 2 hose carts, 1 hose car.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$4,000; exp. dept., \$204; tot. mem., 95 vol.

Water Supply—Src., wells, spr. & creek, ½ m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals., loc. 1 m. cent. town; 2 pump. eng., cap. day 250,000 gals.; mains, c. i., 6 m., 4 to 8 in. dia.; 37 hyd.; 16 v.; met., 290; 250 serv.; pres., dom. 75 lbs., f. 80 lbs.; cons. day, 120,000 gals.; cost, \$25,000; cost mtce., \$2,500; wks. owned by Co.

ELIZABETHVILLE, p. 1,089; f. area, 50 a.; merc. bldgs., wd., 2 to 3 stor.; priv., wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$900; val. bldgs., \$2,500; exp. dept., \$150; tot. mem., 25 vol.

Water Supply—Src., mountain spr., 4 m. bus. cent.; sys., grav.; res. cap., 400,000 gals.; mains, c. i., 2 m., 4 to 8 in. dia.; 23 hyd.; pipe, c. i.; pres., dom. 80 to 120 lbs., f. 80 to 120 lbs.; cost, \$29,750; cost mtce., \$400; wks. owned by priv. Co.

ELKLAND, p. 1,175; f. area, 150 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 2 hose carts; hose, cot., rub. lined, gd., 1,700 ft.; inf., 200 ft.; tot. hose, 1,900 ft.; f. al., bell & wh.; val. equip., \$5,500; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 75 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 240,000 gals., loc. above village; pump. eng., cap. day 264,900 gals.; mains, c. i., 5½ m., 8 to 10 in. dia.; 36 hyd.; 16 v.; 60 met.; 200 serv.; pres., dom. & f., 110 lbs.; wks. owned by borough.

ELLWOOD CITY, p. 3,902. F. dept.—1 auto. comb. c. & h. trk., 10 c. hand ex., 3 hose carts, 1 h. & l. trk.; hose, 2,000 ft.; f. al., wh.; val. equip., \$6,500; val. bldgs., \$9,000; tot. mem., 50 vol.

Water Supply—Src., creek, 1½ m. bus. cent.; sys., pump dir., with surplus, to res.; res. cap., 6,000,000 gals.; pump. eng., cap. day 3,000,000 gals.; mains, 10 m., 4 to 16 in. dia.; 52 hyd.; met., 185; pres., dom. 80 lbs., f. 80 to 100 lbs.; wks. owned by priv. Co.

EMAUS, p. 3,601; f. area, 640 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk.; 2 comb. c. eng., 6 c. hand ex., 1 hose cart; hose, cot., rub. lined, gd., 1,800 ft.; rub. gd., 400 ft.; inf., 400 ft.; tot. hose, 2,600 ft.; f. al., bell & wh., 1 bx.; val. equip., \$4,000; val. bldgs., \$2,500; exp. dept., \$250; tot. mem., 240 vol.

Water Supply—Src., spr. & 2 artesian wells, $\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 400,000 gals.; mains, 7 m., 3 to 10 in. dia.; 85 hyd.; 850 serv.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$22,000; cost mtce., \$1,700; wks. owned by borough.

EMLENTON, p. 1,110; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & 1 trk., 2 c. hand ex., 1 hose wag., 2 hose carts, 1 hra.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 400 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$3,000; exp. dept., \$100; tot. mem., 50 vol.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., grav. & pump to res.; res. cap., 300,000 gals.; pump. eng., cap. day, 432,000 gals.; mains, c. i., 8 m., 3 to 8 in. dia.; 25 hyd.; 272 serv.; 25 v.; pres., dom. & f. 25 to 150 lbs.; cons. day, 180,000 gals.; cost, \$25,000; cost mtce., \$50; wks. owned by Co.

EMPORIUM, p. 2,916; f. area, 200 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose car., 1 c. eng.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$3,000; tot. mem., 240 vol.

Water Supply—Src., spr.; sys., grav.; 3 res., cap. 42,000,000 gals.; 2 pump. eng., cap. day 216,000 gals.; mains, c. i., 15 m., 4 to 12 in. dia.; 40 hyd.; 40 v.; 556 serv.; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 200,000 gals.; cost, \$100,000; wks. owned by priv. Co.

EPHRATA, p. 3,192; f. area, 500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 2 c. eng., 25 c. hand ex., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 400 ft.; inf., 500 ft.; tot. hose, 2,900 ft.; f. al., elec., 18 bx.; val. equip., \$4,800; val. bldgs., \$1,500; exp. dept., \$200; tot. mem., 120 vol.

Water Supply—Src., spr., $\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 850,000 gals.; mains, 9 $\frac{1}{2}$ m., 4 to 6 in. dia.; 50 hyd.; 18 v.; met., 28; 250 serv.; pres., dom. 50 lbs., f. 50 lbs.; cost, \$50,000; wks. owned by borough.

ERIE, p. 66,525; f. area, 4,160 a.; merc. bldgs., bk., 2 to 8 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—9 str., 2 h. & 1 trk., c. eng., 22 c. hand ex., 1 comb. c. & h. wag., 9 hose wag., 55 hrs.; hose, cot., rub. lined, gd., 10,000 ft.; rub. gd., 600 ft.; inf., 13,650 ft.; tot. hose, 25,040 ft.; f. al., Gamewell, 169 bx.; val. equip., \$114,046; val. bldgs., \$120,364; exp. dept., \$80,000; tot. mem., 100, pd. full time 78, pd. part time 22.

Water Supply—Src., Lake Erie, 4 m. bus. cent.; sys., pump to res. & dir.; res. cap., 36,000,000 gals., loc. 2 m. station; 3 pump. eng., cap. day 25,000,000 gals.; mains, c. i., 148 m., 1 to 42 in. dia.; 926 hyd.; 2,052 v.; 416 met.; 18,091 serv.; pipe, galv. l.; pres., 35 to 95 lbs.; cons. day, 16,807,324 gals.; cost, \$3,035,009; wks. owned by city.

ESPLEN. Consolidated with Pittsburgh.

ETNA, p. 5,830; f. area, 150 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—15 c. hand ex., 2 h. & 1 trk., 8 hose reels, 1 hra.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 15 bx.; val. equip., \$10,000; val. bldgs., \$10,000; exp. dept., \$1,800; tot. mem., 90 vol.

Water Supply—Src., Allegheny Riv., $\frac{1}{2}$ m. bus. cent.; sys., grav., pump. to stdp. & dir.; stdp. cap., 566,000 gals., dim. 30 x 40, mat. stl.; 1 pump. eng., cap. day 5,000,000 gals.; mains, c. i., 12 m., 4 to 14 in. dia.; 56 hyd.; 72 v.; 120 met.; 750 serv.; pipe, lead; pres., dom. 120 lbs., f. 120 lbs.; owned by Etna borough.

EVANS CITY, p. 1,500; f. area, 600 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—18 c. hand ex., 3 hose car., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$500; 50 vol.

Water Supply—Src., res., cap. 25,000 bbls.

EVERETT, p. 1,725; f. area, 200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd. & bk., 2 stor. F. dept.—1 str., 3 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$5,400; exp. dept., \$350; tot. mem., 30 vol.

Water Supply—Src., spr. & well; sys., pump to res. & dir.; res. cap., 700,000 gals.; pump. eng., cons. day, 1,500,000 gals.; cost, \$125,000; wks. class comp.; mains, 2 $\frac{1}{2}$ m.; 35 hyd.; pres., dom. 90 lbs., f. 90 lbs.; wks. owned by Co.

EXETER, p. 4,000. F. dept.—2 hose carts, 2,500 ft. hose; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,200; tot. mem., 130 vol.

Water Supply—Src., spr. & brook, 1 m. bus. cent.; sys., dir. pres.; 24 hyd.; wks. owned by priv. Co.

FACTORYVILLE. F. dept. not reported.

Water Supply—Src., Lake Sheridan, 4 m. bus. cent.; sys., grav.; mains, c. i., 12 m., 4 to 10 in. dia.; pipe, c. i.; pres., dom. 67 lbs.; cost, \$20,000; cost mtce., \$350; wks. owned by priv. Co.

FAIRCHANCE, p. 1,760; f. area, 300 a.; merc. bldgs., wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 30 c. hand ex., 2 comb. c. & h. wag.; hose, rub. gd., 1,000 ft.; f. al., bells; val. equip., \$2,200; val. bldgs., \$300; tot. mem., 20 vol.

Water Supply—Src., Gough Riv., supplied by Trotter Water Co.

FALLS CREEK, p. 1,204. F. dept.—1 c. eng., 1 hose reel, 1 h. & 1 trk.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., bell; tot. mem., 35 vol.

Water Supply—Stdp. cap., 125,000 gals.; mains, 5 m., 4 to 12 in. dia.; 30 hyd.; pres., 80 lbs.; wks. owned by city.

FAYETTE CITY, p. 2,005; bldgs., wd. F. dept.—2 hose car., 1 h. & 1 trk.; hose, 1,500 ft.; f. al., bell; tot. mem., 22 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; mat., conc.; 1 pump. eng., cap. day 200,000 gals.; mains, 5 m., 4 to 8 in. dia.; 24 hyd.; 220 met.; 287 serv.; pipe, c. i.; pres., dom. 95 lbs., f. 180 lbs.; cons. day, 80,000 gals.; cost, \$43,291; cost mtce., \$2,150; wks. owned by priv. Co.

FINLEYVILLE, p. 644; f. area, 25 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., c. hand ex.; hose, rub. lined, gd., 200 ft.; f. al., bell; val. equip., \$700; val. bldgs., \$200; exp. dept., \$25; vol.

FLEETWOOD, p. 1,394; f. area, 75 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & stn., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. No org. f. dept.—3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell.

Water Supply—Src., spr.; sys., grav.; res. cap., 1,000,000 gals.; mains, 4 m., 4 to 10 in. dia.; 4 hyd.; 30 v.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$20,000; cost mtce., \$300; wks. owned by Co.

FOREST CITY, p. 5,749; f. area, 1,280 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose car., 1 hra.; hose, cot., rub. lined, gd., 1,700 ft.; inf., 300 ft.; tot. hose, 2,000 ft.; f. al., elec., 5 bx.; val. equip., \$6,000; val. bldgs., \$2,000; tot. mem., 51, pd. part time 16, vol. 35; undrs. rating, second class.

Water Supply—Src., Lackawanna Riv.; sys., grav. & pump d.r., surplus to res.; res. cap., 5,000,000 gals.; pump. eng., cap. day 1,250,000 gals.; mains, 9 $\frac{1}{2}$ m., 4 to 12 in. dia.; 37 hyd.; 24 v.; met., 24; 300 serv.; pres., dom. 50 lbs., f. 75 lbs.; cost, \$60,000; cost mtce., \$2,000; wks. owned by Co.

FORTY FORT, p. 2,358; f. area, 1,200 a.; merc. bldgs., wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm.; causes of f.

inv. F. dept.—1 auto. trk., 5 c. hand ex., 1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telg., 23 bx.; val. equip., \$9,000; val. bldgs., \$10,000; vol., 95.

FOUNTAIN HILL, p. 1,000. F. dept.—1 str., 1 hose wag.; f. al., bell; val. equip., \$4,000; val. bldgs., \$5,000; tot. mem., 60 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng.; 14 hyd.; wks. owned by priv. Co.

FRACKVILLE, p. 3,118; bldgs., wd., 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. 1 h. & l. trk., 2 hose reels; hose, 1,000 ft.; f. al. Gamewell, 12 bx.; val. equip., \$3,000; val. bldgs., \$10,000; exp. dept., \$500; tot. mem., 290 vol.

Water Supply—Src., wells; sys., grav. & pump to res.; res. cap., 500,000 gals.; pump. eng., class dup.; mains, c. l., 4 m., 4 in. dia.; 37 hyd.; 54 v.; met., 26; 150 serv.; pipe, galv. i.; pres., 53 to 85 lbs.; cost, \$27,000; cost mtce., \$100; wks. owned by Co.

FRANKLIN, Venango Co., p. 9,767; f. area, 700 a.; merc. bldgs., bk. & wd., 2 to 6 stor.; priv. bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 8 c. hand ex., 2 hose wag., 2 hose carts, 4 hrs.; hose, cot., rub. lined, gd., 4,700 ft.; f. al., bell, 12 bx.; val. equip., \$19,265; val. bldgs., \$20,000; exp. dept., \$6,000; tot. mem., 14, pd. full time 2, pd. part time 12.

Water Supply—Src., spr., wells & creeks, 1½ m. bus. cent.; sys., grav. & pump dir.; res. cap., 17,000,000 gals.; pump. eng., cap. day 7,000,000 gals.; mains, c. l., 24.34 m., 4 to 14 in. dia.; 92 hyd.; 2,300 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 1,500,000 gals.; cost, \$286,000; cost mtce., \$18,000; wks. owned by city.

FREEDOM, p. 3,600; f. area, 800 a. F. dept.—1 auto. h. & l. trk., 1 hose wag., 3 hose reels; f. al., bell; val. equip., \$6,500; val. bldgs., \$6,000; tot. mem., 60 vol.

Water Supply—Src., Beaver Valley; 39 hyd.; pres., 110 lbs.; wks. owned by Co.

FREELAND, p. 6,197; f. area, 300 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 5 hose carts; hose, cot., rub. lined, gd., 1,700 ft.; f. al. Gamewell, 10 bx.; val. equip., \$4,000; val. bldgs., \$11,000; exp. dept., \$1,000; tot. mem., 150 vol.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 1,200,000 gals.; 5 pump. eng., cap. day 300,000 gals.; mains, c. l., 6½ m., 4 to 10 in. dia.; 34 hyd.; 718 serv.; pres., dom. 65 lbs., f. 80 lbs.; cost, \$58,000; cost mtce., \$5,856; wks. owned by Co.

FREESPORT, p. 2,248; merc. bldgs., bk. & wd., 2 & 3 stor.; priv. bk. & wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$1,500; val. bldgs., \$4,000; exp. dept., \$325; tot. mem., 75 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res.; res. cap., 250,000 gals.; 2 pump. eng., No. 1 cap. day 1,500,000 gals., No. 2 cap. 1,000,000 gals. day; mains, c. l., 10 m., 2 to 8 in. dia.; 30 hyd.; met., 60; 500 serv.; pipe, galv. i.; pres., dom. 85 lbs., f. 95 lbs.; cost, \$98,000; cost mtce., \$8,000; wks. owned by Co.

GALETON, p. 4,027; merc. bldgs., bk. & wd., 3 & 4 stor.; priv. wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,800 ft.; tannery mills have 2,500 ft. of hose which can be used by dept. in emergency; f. al., bell, wh. & telg.; val. equip., \$1,200; val. bldgs., \$1,000; tot. mem., 64 vol.

Water Supply—Src., brook, 2½ m. bus. cent.; sys., grav. & pump dir.; res. cap., 1,500,000 gals., loc. 1½ to 2½ m. town; 2 pump. eng., cap. day 1,440,000 gals.; mains, c. l., 12 m., 4 to 6 in. dia.; 57 hyd.; 40 v.; met., 10; 525 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 85 to 90 lbs.; cons. day, 100,000 gals.; cost, \$98,000; wks. owned by priv. Co.

GALLITZIN, p. 3,504; f. area, 1 sq. m.; bldgs., mostly wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2

hose reels; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$800; vol.

Water Supply—Src., Gun Tree Run, 2 m. bus. cent.; sys., grav. & pump to distributing res., cap. 1,000,000 gals.; storage res. cap. 22,000,000 gals.; 2 pump. eng., cap. day 500,000 gals.; mains, c. l., 5 m., 2 to 8 in. dia.; 30 hyd.; 8 v.; met., 800; \$19 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 40 to 135 lbs.; cons. day, 100,000 gals.; cost, \$75,000; cost mtce., \$1,500; wks. owned by Co.

GETTYSBURG, p. 4,030; f. area, 480 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv. wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$4,000; exp. dept., \$100; tot. mem., 75 vol.

Water Supply—Src., str., 4 m. bus. cent.; sys., pump dir.; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 15 m., 3 to 12 in. dia.; 50 hyd.; met., 75; 800 serv.; cons. day, 400,000 gals.; cost, \$150,000; wks. owned by Co.

GILBERTON, p. 5,401; f. area, 1,600 a.; bldgs., wd., 1 to 1½ stor.; wd. rfs. perm. F. dept.—1 str., 5 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$5,500; val. bldgs., \$5,000; tot. mem., 250 vol.

Water Supply—Src., res.; sys., grav.; res. cap., 1,000,000 gals.; mains, 10 m.; 500 hyd.; 500 serv.; pres., dom. 70 lbs., f. 90 lbs.; cost, \$150,000; cost mtce., \$1,000; wks. owned by Co.

GIRARD, p. 1,165; f. area, 650 a.; merc. bldgs., bk., stn. & wd., 2 to 4 stor.; priv. bk. & wd., 2 to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 800 ft.; inf., 800 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$2,150; val. bldgs., \$8,000; exp. dept., \$300; tot. mem., 60 vol.

Water Supply—Src., creek & 1 cistern.

GIRARDVILLE, p. 4,396; merc. bldgs., bk. & wd., 2 to 4 stor.; priv. stn., bk. & wd., 2½ stor.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 700 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$3,500; exp. dept., \$90; tot. mem., 85 vol.

Water Supply—Src., res., 3 m. bus. cent.; sys., grav.; res. cap., 180,000,000 gals.; mains, c. l., 4 m., 4 to 6 in. dia.; 60 hyd.; 20 v.; met., 2; 250 serv.; pipe, galv. i. & lead; pres., f. 145 lbs.; cost, \$16,000; cost mtce., \$900; wks. owned by borough.

GLASSPORT, p. 5,540. F. dept.—4 hose reels, 1 h. & l. trk., 3,000 ft. hose; f. al., bell; vol.

Water Supply—Stdp. cap., 500,000 gals.; mains, 5 m., 4 to 12 in. dia.; 31 hyd.; pres., f. 150 lbs.; wks. owned by city.

GLEN CAMPBELL, p. 1,099; bldgs., wd. F. dept.—1 hose cart; hose, 1,000 ft.; f. al., bell; tot. mem., 25.

Water Supply—Sys., grav.; res. cap., 150,000 gals.; cap. pumps, 200 gals. min.

GLEN ROCK, p. 1,263; f. area, 30 a.; merc. bldgs., bk., stn. & wd., 2 to 6 stor.; priv. bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose wag., 1 hose reel; hose, cot., rub. lined, 1,800 ft.; f. al., bell; val. equip., \$9,000; exp. dept., \$350; tot. mem., 162.

Water Supply—Src., spr. & artesian well, 3 m. bus. cent.; sys., grav.; res. cap., 800,000 gals.; 1 pump. eng., cap. 140,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 32 hyd.; pres., 100 lbs.; cost, \$30,000; cost mtce., \$50; wks. owned by city.

GLENLYON, p. 3,200; merc. bldgs., bk. & wd., 2 & 3 stor.; priv. wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, 2,000 ft.; f. al., wh.; val. equip., \$1,200; val. bldgs., \$5,000; exp. dept., \$300; tot. mem., 60 vol.

Water Supply—Src., creek; sys., pump to res., 1 pump. eng., class dup., cap. day 864,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 22 hyd.; pres., dom. 110 lbs., f. 160 lbs.; wks. owned by Co.

GLENOLDEN, p. 1,187; f. area, 625 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv. bk.

& wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$5,000; exp. dept., \$600; vol. 26.

Water Supply—Not reported.

GLENSIDE, p. 900; f. area, 1,500 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv. dwellings, wd. & stn., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 hose car.; hose, cot., rub. lined, gd., 400 ft.; rub. gd., 1,300 ft.; inf., 700 ft.; tot. hose, 2,400 ft.; f. al., elec.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 250 vol.; undra. rating, third class. No waterwks.

GORDON, p. 1,185; f. area, 360 a.; merc. bldgs., bk. 2½ stor.; priv. wd., 2 stor. F. dept.—1 c. eng., 1 hose wag.; hose, rub., 600 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$2,800; vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; res. cap., 400,000 gals., loc. base of Broad Mountain; mains, c. l., 2½ m., 4 to 6 in. dia.; 2 v.; 125 serv.; pipe, galv. i.; pres., dom. 40 lbs.; f. 40 lbs.; cost, \$10,000; cost mtce., \$100; wks. owned by Co.

GREENBURG, p. 1,000. F. dept.—1 hose cart; hose, 500 ft.; 80 vol.

Water Supply—Src., mountain str., 13 m. bus. cent.; sys., grav. & pump dir.; mains, c. i. & cem., 25 m., 4 to 24 in. dia.; wks. owned by Co.

GREENCASLE, p. 1,919. F. dept.—1 str., 1 hand eng., 3 hose car.; hose, rub. gd., 1,600 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$4,500; tot. mem., 80 vol.; undra. rating, first class.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; 2 res., cap. 15,000,000 gals.; mains, iron, 6 m., 4 to 3 in. dia.; 31 hyd.; pres., dom. & f., 72 lbs.; cons. day, 155,000 gals.; cost, \$66,000; cost mtce., \$400; wks. owned by city.

GREENSBURG, p. 13,012; f. area, 2,560 a.; merc. bldgs., bk. 2 & 3 stor.; causes of f. inv. F. dept.—2 hand eng., 20 c. hand ex., 2 h. & l. trk., 6 hose car.; hose, cot., rub. lined, gd., 3,300 ft.; rub. gd., 500 ft.; inf., 150 ft.; tot. hose, 3,950 ft.; f. al., Gamewell, 11 bx.; val. equip., \$6,000; val. bldgs., \$6,000; exp. dept., \$600; tot. mem., 120.

Water Supply—Src., str., 13 m. bus. cent.; sys., grav. & pump to res.; res. cap., 757,000,000 gals., loc. 4 m. town; 3 pump. eng., class dup., cap. day, 5,744,000 gals.; mains, c. l., wrt. i. & cem., 117½ m., 4 to 18 in. dia.; 266 hyd.; 840 v.; 5,933 met.; 5,688 serv.; pipe, lead; pres., dom. 40 to 140 lbs., f. 60 to 160 lbs.; cons. day, 2,000,000 gals.; cost, \$1,221,918; wks. owned by Co.

GREENVILLE, p. 5,909; f. area, 1,600 a.; merc. bldgs., bk. 2 & 3 stor.; priv. bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 8 c. hand ex., 1 h. & l. trk., supply wag., 5 hose car., 1 hrs.; hose, rub. gd., 2,000 ft.; inf., 100 ft.; tot. hose, 2,100 ft.; f. al., wh., 25 bx.; val. equip., \$8,817; val. bldgs., \$12,000; exp. dept., \$3,000; tot. mem., 20 pd. men; undra. rating, first class.

Water Supply—Src., spr. & riv.; sys., grav. & pump to res.; res. cap., 8,000,000 gals.; pump. eng., cap. day 1,500,000 gals.; mains, 12 m., 4 to 12 in. dia.; 66 hyd.; pres., dom. 90 lbs.; cost, \$145,000; wks. owned by Greenville W. Co.

GROVE CITY, p. 3,674; bldgs., bk. & wd. F. dept.—1 h. & l. trk., 2 hose car., 2 c. hand ex.; hose, 2,000 ft.; f. al., bell; tot. mem., 80 vol.

Water Supply—Src., artesian wells; sys., pump; pump, cap. day 75,000 gals.

HALLSTEAD, p. 1,588; f. area, 800 a.; merc. bldgs., wd. & bk., 2 stor.; priv. wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 900 ft.; inf., 300 ft.; tot. hose, 1,200 ft.; f. al., wh. & bell; val. equip., \$5,500; val. bldgs., \$2,000; tot. mem., 50 vol.

Water Supply—Src., lake & res.; waterwks., pres., 87 lbs.; 10 hyd.

HAMBURG, p. 2,301; f. area, 150 a.; merc. bldgs., bk., stn. & wd., 2 to 3 stor.; priv. bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 4 hose car.; hose, gd., 1,800 ft.; f. al., bell; val. equip., \$5,000;

val. bldgs., \$1,800; exp. dept., \$600; tot. mem., vol. Water Supply—Src., creek, 3 m. bus. cent.; sys., grav. & pump to res.; res. cap., 1,500,000 gals., loc. 3 m. town; mains, c. l., 3 m., 4 to 8 in. dia.; 28 hyd.; 49 v.; 96 met.; 612 serv.; pipe, galv. i.; pres., dom. 140 lbs., f. 140 lbs.; cost, \$76,000; cost mtce., \$2,000; wks. owned by Co.

HANOVER, p. 7,057; merc. bldgs., bk. 2 & 3 stor.; priv. wd., 2 & 3 stor.; wd. rfs. perm. in f. area. F. dept.—1 str., 1 c. hose wag., 1 c. hose reel, 1 aer. trk., 6 hrs.; hose, rub. lined, gd., 5,500 ft.; f. al., Gamewell, 20 bx.; val. equip., \$18,000; val. bldgs., \$8,000; exp. dept., \$3,000; tot. mem., 250 vol.

Water Supply—Src., spr., str., 3 artesian wells; sys., 3 res. N. E. of town with cap. of 16,000,000 gals. & 1 res. S. E. of town with cap. of 7,500,000 gals., tot. 23,500,000 gals.; pump, cap. 1,500,000 gals. day; mains, 38 m., 4 to 12 in. dia.; 123 hyd.; 125 v.; met., 90; 2,547 serv.; pipe, galv. i.; pres., 80 lbs.; cons. day, 850,000 gals.; wks. owned by Hanover & McSherrystown Water Co.

HARRISBURG, p. 64,186; f. area, 5,388 sq. m.; merc. bldgs., bk. & wd., 2 to 8 stor.; priv. bk. & wd., 2½ to 4 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv.; f. dept., 1 chief's auto., 1 chief's wag., 2 h. & l. trk., 7 str., 9 comb. c. & h. wag., 28 c. hand ex., 1 aer. trk., 8 hose wag., 3 supply wag., 1 hose reel, 48 hrs.; hose, cot., rub. lined, gd., 9,650 ft.; rub. fair, 5,000 ft.; tot. hose, 14,650 ft.; f. al., Gamewell, 69 bx.; val. equip., \$37,239; val. bldgs., \$96,610; exp. dept., \$38,316; tot. mem., 900 vol.

Water Supply—Src., Susquehanna Riv., in cent. city; sys., pump to res.; res. cap., 20,000,000 gals.; pump. station at riv.; high serv. pump. station in Reservoir Park with 2 pump. eng., class elec. & gasoline; high serv. res., cap. 1,000,000 gals.; 7 pump. eng., cap. day, 40,000,000 gals.; mains, c. l., 88 m., 4 to 42 in. dia.; 1,081 hyd.; 2,021 v.; met., 11,102; 17,152 serv.; pipe, lead & iron; pres., dom. & f. 40 to 84 lbs.; cons. day, 9,000,000 gals.; cost, \$1,729,476; cost mtce., \$61,900; wks. owned by city.

HASTINGS, p. 2,126; merc. bldgs., wd., 2 stor.; priv. wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. gd., 700 ft.; f. al., wh.; val. equip., \$500; val. bldgs., \$75; tot. mem., 75 vol.

Water Supply—Src., impounding res.; sys., grav.; res. cap., 92,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 22 hyd.; pres., f. 97 lbs.; cost, \$9,000; cost mtce., \$650; wks. owned by city.

HATFIELD, p. 705; f. area, 75 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv. bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex.; f. al., gong, 1 bx.; val. equip., \$1,200; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Not reported.

HAWLEY, p. 2,018; f. area, 100 a.; merc. bldgs., 2 to 3 stor.; priv., 1 & 2 stor.; wd. rfs. perm.; no fwks. or combt. ord.; causes of f. inv. F. dept.—2 c. hand eng., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, 2,000 ft.; f. al., wh.; tot. mem., 60 vol.

Water Supply—Src., spr., 2½ m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; 1 pump. eng., cap. day, 25,000 gals.; mains, c. & galv. l., 6 m., 1½ to 8 in. dia.; 25 hyd.; 15 v.; 300 serv.; pipe, galv. i. & wrt. i.; pres., dom. 20 to 50 lbs., f. 60 lbs.; cost, \$40,000; cost mtce., \$1,000; wks. owned by priv. Co.

HAZLETON, p. 25,462; f. area, 12,000 a.; merc. bldgs., bk. & wd., 2½ & 3 stor.; priv. wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 str., 1 c. eng., 15 c. hand ex., 2 h. & l. trk., 4 hose carts, 1 hose car., 1 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 5,950 ft.; f. al., Gamewell; val. equip., \$14,000; tot. mem., 400 vol.; undra. rating, second class.

Water Supply—Src., creek & spr., 8 m. bus. cent.; sys., grav., pump to res.; res. cap., 90,000,000 gals.; 2 pump. eng., cap. day, 3,100,000 gals.; mains, c. l., 34 m., 3 to 12 in. dia.; 86 hyd.; pres., dom. 56 lbs., f. 80 lbs.; cons. day, 2,400,000 gals.; cost, \$270,000; cost mtce., \$18,000; wks. owned by Co.

HOLLIDAYSBURG, p. 3,784; f. area, 1,200 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f.

area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str. 1 auto. comb. c. & hose wag., 5 c. hand ex., 1 hose cart; hose, cot., rub. lined, gd., 2,100 ft.; f. al., wh.; val. equip., \$8,500; exp. dept., \$600; tot. mem., 125 vol.

Water Supply—Src., riv. & Blair's Gap run, 7 m. bus. cent.; sys., grav.; mains, c. l., 21 m., 6 to 12 in. dia.; 60 hyd.; 1,250 serv.; pipe, galv. l.; pres., dom. 50 lbs., f. 140 lbs.; cost, \$50,000; cost mtce., \$2,500; wks. owned by borough.

HOMESTEAD, p. 18,718; f. area, 600 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—8 c. hand ex., 2 h. & l. trk., 1 hose wag., 2 hose car., 5 hrs., 1 comb. c. & h. wag.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 500 ft.; tot. hose, 5,500 ft.; f. al., Gamewell, 23 bx.; val. equip. & bldgs., \$35,000; exp. dept., \$4,000; tot. mem., 24, pd. full time; undra. rating, second class.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., grav. & pump to res.; res. cap., 2,500,000 gals., loc. 18th ave.; 2 pump. eng., cap. day 7,000,000 gals.; mains, c. l., 14 $\frac{1}{2}$ m., 4 to 14 in. dia.; 185 hyd.; met., 661; 2,500 serv.; pipe, lead; pres., dom. 128 lbs., f. 128 lbs.; cons. day, 8,000,000 gals.; cost, \$147,736; cost mtce., \$12,000; wks. owned by city.

HOMESDALE, p. 2,945; f. area, 500 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 str., 6 hose carts, 1 c. cart; hose, cot., rub. lined, gd., 4,800 ft.; f. al., wh.; val. equip., \$5,000; val. bldgs., \$17,000; exp. dept., \$1,000; tot. mem., 100, pd. part time 6, vol. 94.

Water Supply—Src., lakes & spr., 5 m. bus. cent.; sys., grav.; res. cap., 1,500,000 gals., loc. in town; mains, iron, 15 m., 1 $\frac{1}{2}$ to 20 in. dia.; 50 hyd.; 200 v.; pipe, iron; pres., dom. 50 lbs., f. 100 lbs.; cost, \$160,000; cost mtce., \$8,000; wks. owned by Co.

HOUTZDALE, p. 1,490; f. area, 1,280 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$8,000; exp. dept., \$750; tot. mem., 50 vol.

Water Supply—Src., wells; sys., grav.; res. No. 1, cap. 750,000 gals.; res. No. 2, cap. 150,000 gals.; res. No. 3, cap. 140,000 gals.; pump. eng., cap. day 150,000 gals.; mains, 4 m., 4 to 8 in. dia.; 32 hyd.; 250 serv.; pres., dom. 70 lbs., f. 95 lbs.; cost, \$51,000; cost mtce., \$892.84; wks. owned by Co.

HUGHESTOWN, p. 4,000; f. area, 360 a. F. dept.—1 hose wag., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$12,000; exp. dept., \$700; tot. mem., 100 vol.; undra. rating, fourth class.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; 1 pump. eng.; 15 hyd.; pres., dom. 85 lbs., f. 85 lbs.; wks. owned by priv. Co.

HUGHESVILLE, p. 1,484; f. area, 100 a.; merc. bldgs., wd., bk. & stl., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 comb. c. & hose wag., 2 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., wh.; val. equip., \$3,514; tot. mem., 60 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res. & dir.; res. cap., 500,000 gals., loc. on hill; 1 pump. eng., class dup., cap. day 150,000 gals.; mains, iron, 6 m., 4 to 3 in. dia.; 37 hyd.; 25 v.; 350 serv.; pipe, lead & iron; pres., dom. 80 lbs., f. 80 lbs.; cons. day, 230,400 gals.; wks. owned by Co.

HUMMELSTOWN, p. 2,128; f. area, 300 a.; merc. bldgs., bk. & stn., 3 stor.; priv., wd. & bk., 2 $\frac{1}{2}$ stor.; wd. rfs. perm. F. dept.—3 hand hose reels, 1 hose reel, 1 c. eng.; hose, rub. lined, gd., 1,500 ft.; c. hose, 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$3,000; exp. dept., \$300; tot. mem., 131 vol.

Water Supply—Src., creek; sys., pump to stdp. & dir.; mains, 3 m., 2 to 8 in. dia.; 22 hyd.; pres., dom. 75 lbs., f. 150 lbs.; cost, \$30,000; cost mtce., \$1,700; wks. owned by Co.

HUNTINGDON, p. 6,861; f. area, 12,800 a.; merc. bldgs., stn., bk. & wd., 1 $\frac{1}{2}$ to 3 stor.; priv., stn., bk. & wd., 2 to 4 stor.; wd. rfs. perm. in f.

area; fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 2 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hose carts, 4 hrs.; hose, cot., rub. lined, gd., 5,500 ft.; inf., 2,000 ft.; tot. hose, 5,500 ft.; f. al., bell & elec., 7 bx.; val. equip., \$19,000; val. bldgs., \$10,500; exp. dept., \$1,650; tot. mem., 300, pd. part time 3, vol. 297.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump to res. & dir.; res. cap., 4,000,000 gals., loc. $\frac{1}{2}$ m. town; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. l., 15 m., 4 to 12 in. dia.; 47 hyd.; 66 v.; met., 6; 700 serv.; pipe, galv. l.; pres., dom. 95 lbs., f. 95 lbs.; cons. day, 900,000 gals.; cost, \$60,000; cost mtce., \$8,000; wks. owned by Co.

HYNDMAN, p. 1,164; f. area, 600 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 750 ft.; val. equip., \$300; val. bldgs., \$1,000; tot. mem., 25 vol.

Water Supply—Src., mountain str., 1 $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 850,000 gals.; mains, c. l., 5 m., 2 to 10 in. dia.; 29 hyd.; 14 v.; 275 serv.; pipe, galv. l. & lead; pres., dom. 100 lbs., f. 100 lbs.; cost, \$25,000; cost mtce., \$900; wks. owned by Co.

INDIANA, p. 5,749; f. area, 900 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; metal & conc. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—200 c. hand ex., 3 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh.; val. equip., \$10,000; val. bldgs., \$1,500; tot. mem., 150 vol.

Water Supply—Src., creek; sys., pump to res.; res. cap., 3,500,000 gals.; pump. eng., cap. day 500,000 gals.; mains, c. l., 13 $\frac{1}{2}$ m., 4 to 8 in. dia.; 81 hyd.; 650 met.; 600 serv.; pres., dom. 55 lbs., f. 135 lbs.; cost, \$215,000; cost mtce., \$12,000; wks. owned by Co.

INGRAM, p. 2,037; f. area, 210 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 4 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell & tel.; val. equip., \$2,500; val. bldgs., \$350; exp. dept., \$300; tot. mem., 65 vol.

Water Supply—Supplied by the South Pittsburgh Water Co. of Pittsburgh.

IRWIN, p. 2,886; f. area, 100 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 2 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$16,000; exp. dept., \$200; tot. mem., 50 vol.

Water Supply—Src., strms., 26 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, c. l., 8 m., 4 to 10 in. dia.; 20 hyd.; met., 579; 576 serv.; pipe, lead; pres., 40 to 130 lbs.; cost, \$91,285; cost mtce., \$9,000; wks. owned by Co.

JEANNETTE, p. 8,077; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 & 2 $\frac{1}{2}$ stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—3 c. hand ex., 1 h. & l. trk., 5 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 200 ft.; tot. hose, 3,200 ft.; f. al., wh.; val. equip., \$5,000; val. bldgs., \$10,500; exp. dept., \$2,200; tot. mem., 80 vol.

Water Supply—Src., from Greensburg.

JEDDO, p. 377; f. area, 20 a.; merc. bldgs., stn., 2 $\frac{1}{2}$ stor.; priv., wd., 2 $\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—5 f. plugs, 1 hose cart; hose, cot., rub. lined, gd., 1,600 ft.; f. al., wh.

Water Supply—Src., wells; sys., grav., pump to stdp.; res. cap., 50,000 gals.; mains, c. l., 3 m., 8 in. dia.; 17 hyd.; 4 v.; pipe, c. l.; pres., dom. 40 lbs., f. 150 lbs.; wks. owned by Co.

JENKINTOWN, p. 2,968; f. area, 2,400 a.; bldgs., stn., bk. & wd., 2 $\frac{1}{2}$ to 4 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 3 h. & l. trk., 2 aer. trk., 4 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., wh. & bell; val. equip., \$5,000; val. bldgs., \$2,500; exp. dept., \$1,500; tot. mem., 300 vol.; undra. rating, first class.

Water Supply—Src., wells & creek, 4 m. bus. cent.; sys., pump to stdp.; res. cap., 1,250,000 gals.; mat., stl. & wd.; 5 pump. eng., cap. day, 2,100,000 gals.; mains, c. i., 29 m., 4 to 16 in. dia.; 104 hyd.; 258 v.; met., 1,248; 1,839 serv.; pres., dom. & f. 60 to 180 lbs.; cons. day, 450,000 gals.; cost mtce., \$10,000; wks. owned by priv. Co.

JERMYN, p. 3,158; f. area, 5 a.; bldgs., stn., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose wag., hose, cot., rub. lined, gd., 1,600 ft.; f. al., telp. sys., 10 bx.; val. equip., \$3,000; val. bldgs., \$3,000; tot. mem., 85 vol.

Water Supply—Src., res. cap., 700,000,000 gals.; mains, 16 m., 2 to 18 in. dia.; 16 hyd.; 33 v.; 650 serv.; pres., dom. 90 lbs., f. 70 lbs.; cost, \$135,000; cost mtce., \$2,000; wks. owned by Co.

JERSEY SHORE, p. 5,381; f. area, 2,000 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 6 hose carts, 1 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$8,000; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., mountain strms., 10 m. bus. cent.; sys., grav.; res. cap., 4,800,000 gals.; 1 pump. eng., class comp., cap. day 2,000,000 gals.; mains, c. i., 31 m., 4 to 16 in. dia.; 56 hyd.; 92 v.; met., 8; 800 serv.; pipe, galv. & wrt. l.; pres., dom. 50 lbs., f. 120 lbs.; cost, \$550,000; cost mtce., \$3,000; wks. owned by Co.

JESSUP, p. 4,500; f. area, 1,500 a.; merc. bldgs., wd., 2½ stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., elec., 16 bx.; val. equip., \$2,000; val. bldgs., \$4,500; tot. mem., 75 vol., 2 pd. men.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, c. i., 4 m., 6 to 12 in. dia.; 22 hyd.; met., 2; 100 serv.; pres., dom. 200 lbs., f. 400 lbs.

JOHNSONBURG, p. 4,384; f. area, 150 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 100 vol.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day 800,000 gals.; mains, 4 m., 4 to 8 in. dia.; 50 hyd.; 250 serv.; pipe, iron; pres., dom. 60 lbs., f. 80 lbs.; wks. owned by Co.

JOHNSTOWN, p. 55,482; f. area, 3,400 a.; merc. bldgs., stn., bk. & wd., 1 to 10 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. trip. pump. eng., 7 str., 2 h. & l. trk., 20 c. hand ex., 1 aer. trk. (1 in reserve), 2 hose wag. (4 in reserve), 5 comb. c. & hose wag., 1 auto. comb. c. & hose wag., 1 fuel wag., 1 chief's auto., 2 chief's wag., 1 deluge set; 2 supply & exercise wag., 27 hrs.; 1 deluge set; hose, cot., rub. lined, gd., 14,700 ft.; f. al., Gamewell, 98 bx.; val. equip., \$101,550; val. bldgs., \$93,000; exp. dept., \$64,124; tot. mem. 166, pd. full time 68, 100 vol.

Water Supply—Src., mountain strm., 3 to 9 m. bus. cent.; sys., grav.; res. cap., 1,174,000,000 gals.; mains, c. i., 94 m., 2 to 36 in. dia.; 246 hyd.; 584 v.; 2,789 met.; 7,200 serv.; pipe, galv. l., wrt. l. & lead; pres., dom. 60 to 80 lbs., f. 50 to 80 lbs.; cost, \$1,750,000; wks. owned by priv. Co.

JUNIATA, p. 6,284; f. area, 74 a.; merc. bldgs., bk., stn. & wd., 3 to 5 stor.; priv., bk., stn. & wd., 2 & 3 stor.; wd. rfs. are not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 6 c. hand ex., 1 aer. trk., 1 hose wag., 1 hose reel, 6 hrs.; hose, cot., rub. lined, gd., 2,600 ft.; inf., 400 ft.; tot. hose, 3,000 ft.; f. al., elec., 72 bx.; val. equip., \$6,000; val. bldgs., \$22,000; exp. dept., \$1,600; tot. mem., 1,123 vol.

Water Supply—Src., Homer Gap Stream, 4 m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals.; mains, c. i., 3½ m., 4 to 8 in. dia.; 82 hyd.; 40 v.; met., 4; pipe, galv. l.; pres., dom. 25 lbs., f. 90 lbs.; cons. day, 300,000 gals.; cost, \$75,000; cost mtce., \$3,500; wks. owned by city.

KANE, p. 6,626; f. area, 3,000 a.; merc. bldgs.,

bk. & stn., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 2 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 200 ft.; tot. hose, 3,700 ft.; f. al., Gamewell, 15 bx.; val. equip., \$5,500; val. bldgs., \$3,000; exp. dept., \$2,500; tot. mem., 250 vol.

Water Supply—Src., res. cap., 150,000 gals., dim. 16 x 100, loc. inside of borough line, mat. stl.; pump. eng., cap. day 2,500,000 gals., class dup. & trip.; mains, c. i., 18 m., 3 to 10 in. dia.; 68 hyd.; 160 v.; met., 800; 1,870 serv.; pipe, galv. l.; pres., dom. & f. 40 to 120 lbs.; wks. owned by Co.

KENNETT SQUARE, p. 2,049; f. area, 150 a.; bldgs., bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 1 c. eng., 2 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 900 ft.; val. equip., \$8,000; val. bldgs., \$28,000; exp. dept., \$1,200; tot. mem., 275 vol.

Water Supply—Src., creek, ¼ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 217,000 gals.; res. cap., 1,000,000 gals.; pump. eng., cap. day, 75,000 gals.; mains, c. i., 7 m., 3 to 6 in. dia.; 39 hyd.; pres., dom. & f. 18 to 45 lbs.; cons. day, 140,000 gals.; cost mtce., \$400; wks. owned by borough.

KINGSTON, p. 6,449; f. area, 1,200 a.; merc. bldgs., bk. & wd., 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 1 aer. trk., 2 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., Gamewell, 7 bx.; val. equip., \$4,850; val. bldgs., \$3,000; tot. mem., 60 vol.

Water Supply—Src., strms., supplied by Spring Brook Water Supply Co.; sys., grav.; pres., 100 lbs.; wks. owned by Co.

KITTANNING, p. 4,311; f. area, 100 a.; bldgs., bk., wd. & stn., 2, 3 & 4 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 aer. trk., 3 hose car.; hose, rub., gd., 3,000 ft.; f. al., bell & wh.; val. bldgs., \$25,000; tot. mem., 75 vol.; undrs. rating, second class.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 3,500,000 gals.; mains, 15 m., 4 to 20 in. dia.; 85 hyd.; pres., f. 85 lbs.; wks. owned by Co.

KNOXVILLE, Tioga Co., p. 840; f. area, 150 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,500; exp. dept., \$200; tot. mem., 35 vol.

Water Supply—Src., spr. & wells, ¼ m. bus. cent.; sys., grav. to res.; res. cap., 500,000 gals.; 2 pump. eng.; cap. day, 100,000 gals.; mains, 4 m., 4 to 8 in. dia.; 32 hyd.; 40 met.; 200 serv.; pres., dom. & f. 100 lbs.; cost, \$14,000; cost mtce., \$1,000; wks. owned by borough.

KNOXVILLE, Allegheny Co., p. 5,651; f. a., 700 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell, wh. & telp.; val. equip., \$25,000; val. bldgs., \$10,000; exp. dept., \$900; tot. mem., 190 vol.; undrs. rating, third class.

Water Supply—Src., spr., 8½ m. bus. cent.; sys., grav.; res. cap., 500,000 gals., also 2 wells, cap. 3,000 bbls., loc. ½ m. north of borough; mains, c. i., 4½ m., 4 to 10 in. dia.; 35 hyd.; 8 v.; met., 10; 200 serv.; pipe, lead; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 500,000 gals.; cost, \$16,000; cost mtce., \$100; wks. owned by city.

KUTZTOWN, p. 2,360; f. area, 6½ a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 hand eng., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$13,000; exp. dept., \$800; tot. mem., 100 vol.

Water Supply—Src., wells & spr.; sys., pump to res.; res. cap., 600,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 5 1-5 m., 4 to 8 in. d.a.; 33 hyd.; pres., dom. 80 lbs., f. 100 lbs.; cost, \$35,000; cost mtce., \$2,200; wks. owned by Co.

LACEYVILLE, p. 479; f. area, 100 a.; merc. bldgs., wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. cart, c. hand ex., 1 hose reel; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. bldgs., \$4,000; tot. mem., 40 vol.

Water Supply—Src., spr., crk. & well, $\frac{1}{2}$ m. bus. cent.; sys., dir. pres.; res. cap., 1,400 bbls.; pump. eng., cap. day 64,800 gals.; mains, iron, $1\frac{1}{2}$ m., 3 to 6 in. dia.; 21 hyd.; 11 v.; met., 7; pipe, iron; pres., dom. & f., 80 lbs.; cost, \$50,000; cost mtce., \$600; wks. owned by borough.

LANCASTER, p. 47,227; f. area, 2,500 a.; merc. bldgs., bk., 3 to 6 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—7 str., 1 supply wag., 5 c. eng., 4 c. hand ex., 1 aer. trk., 3 hose wag., 3 hose car., 23 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell, 64 bx.; val. equip., \$90,000; exp. dept., \$18,500; tot. mem., 56, pd. full time 21, pd. part time 35.

Water Supply—Src., creek, $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. dim., 25 x 110 ft., cap. 400,000 gals.; mat. stl.; 4 pump. eng., cap. day 40,000,000 gals.; res. cap., 8,000,000 gals.; mains, iron, 71 m., 4 to 36 in. dia.; 670 hyd.; 1,400 v.; 4,000 met.; 1,800 serv.; pres., dom. & f. 27 to 75 lbs.; cons. day, 7,000,000 gals.; cost \$1,000,000; cost mtce., \$40,000; wks. owned by city.

LANGHORNE, p. 895; f. area, 329 a.; bldgs., stn. & wd., 2 & $2\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 50 ft.; tot. hose, 850 ft.; tot. mem., 50 vol.

Water Supply—Src., spr., $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 40,000 gals., mat. wd.; res. cap., 500,000 gals.; 1 wd. tk., cap. 75,000 gals.; pump. eng., class comp., cap. day 1,000,000 gals.; mains, c. & galv. l., 6 m., $1\frac{1}{4}$ to 6 in. dia.; 12 hyd.; 57 v.; met., 1; 164 serv.; pipe, lead & galv. l.; pres., dom. 80 lbs.; f. 100 lbs.; cost, \$44,637; cost mtce., \$2,357; wks. owned by Co.

LANSDALE, p. 3,551; f. area, 450 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., bk., 3 stor.; wd. rfs. not perm. F. dept.—2 str., 2 c. eng., 2 c. hand ex., 2 h. & l. trk., 2 hose car., hrs. hired, bucket brigade; hose, rub. gd., 1,500 ft.; f. al., wh.; val. equip., \$4,500; val. bldgs., \$5,000; exp. dept., \$2,000; tot. mem., 200 vol.

Water Supply—Src., wells; sys., air lift from wells to surface, pump to stdp. & cistern; stdp. cap., 40,000 gals.; cistern cap., 200,000 gals., mat. cem., loc. below ground; pump. eng., cap. day 180,000 gals.; mains, 5 m., $1\frac{1}{2}$ to 8 in. dia.; 26 hyd.; 23 v.; met., 95; 700 serv.; pres., f. 45 lbs.; cost, \$80,000; cost mtce., \$8,000.

LANDOWNE, p. 4,066; f. area, 1 sq. m.; merc. bldgs., conc., stn. & bk., 1 to 3 stor.; priv., stn., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 comb. c. eng., 1 auto. pump. eng., c. & h. comb., 1 h. & l. trk., 10 c. hand ex., 1 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,950 ft.; c., 300 ft.; tot. hose, 2,250 ft.; f. al., bell & telp.; val. equip., \$6,950; val. bldgs., \$12,500; exp. dept., \$700; tot. mem., 210 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 2,000,000 gals.; mains, ron & cem., 12 m., 4 to 12 in. dia.; 27 hyd.; met., 6; 400 serv.; pipe, galv. l.; pres., f. 45 lbs.; cost, \$40,000; cost mtce., \$3,700; wks. owned by Co.

LANSFORD, p. 8,321; bldgs., wd., 2 & $2\frac{1}{2}$ stor.; wd. rfs. perm. F. dept.—1 str., 2 hose car., 1 h. & l. trk.; hose, rub., gd., 2,000 ft.; val. equip., \$6,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 50 vol.

Water Supply—Src., strms.; sys., grav.; res. cap., 7,000,000 gals.; mains, c. l., 13 m., 4 to 12 in. dia.; 24 hyd.; 16 v.; 400 serv.; p/p, lead & iron; pres., f. 105 lbs.; cost, \$50,000; cost mtce., \$6,000; wks. owned by Co.

LATROBE, p. 8,777; f. area, 700 a.; merc. bldgs., stn., bk. & wd., 1 to 7 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 5 hose carts; hose, cot., rub. lined, gd., 3,500 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$6,000; tot. mem., 120 vol.

Water Supply—Src., creek, 3 m. bus. cent.; sys., pump to res.; res. cap., 10,000,000 gals.; pump. eng., cap. day 7,000,000 gals.; mains, c. l., 22 m., 4 to 24 in. dia.; 61 hyd.; 1,000 serv.; pres., dom. 50 lbs.; f. 75 lbs.; cost, \$293,000; cost mtce., \$6,500; wks. owned by Co.

LAWRENCEVILLE, p. 750; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 8 c. hand ex., 2 hose reels, ladders; hose, cot., rub. lined, gd., 550 ft.; leather, gd., 350 ft.; tot. hose, 900 ft.; f. al., bell; val. equip., \$1,560; val. bldgs., \$800; tot. mem., 38; vol.

Water Supply—Src., wells.

LEBANON, p. 19,240; f. area, 1,280 a.; merc. bldgs., stn., bk. & wd., 2 to 6 stor.; priv., stn., bk. & wd., $2\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. auto. pump. eng. & h. wag., 1 h. & l. trk., 4 str., 1 c. eng., 6 c. hand ex., 1 aer. trk., 3 comb. c. & h. wag., 1 hose wag., 4 hose carts, 20 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 2,000 ft.; tot. hose, 7,000 ft.; f. al., Gamewell, 30 bx.; val. equip., \$50,000; val. bldgs., \$50,000; exp. dept., \$14,000; tot. mem., 800 vol.

Water Supply—Src., spr.; sys., grav., pump to res. & dir.; res. cap., 90,000,000 gals.; 2 pump. eng., cap. day 5,000,000 gals.; mains, c. l., 20 m., 4 to 16 in. dia.; 205 hyd.; 807 v.; met., 126; 4,700 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 40 lbs.; cost, \$436,000; cost mtce., \$5,000; wks. owned by city.

LEECHBURG, p. 3,624; f. area, 100 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 2 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,650 ft.; f. al., wh.; val. equip., \$1,600; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 75 vol.

Water Supply—Src., creek, 6 m. bus. cent.; sys., grav., pump to res.; res. cap., 10,000,000 gals.; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. l., 8 m., 4 to 10 in. dia.; 34 hyd.; 52 v.; met., 536; 538 serv.; pipe, lead; pres., dom. 110 lbs., f. 110 to 160 lbs.; cost mtce., \$4,000; wks. owned by Co.

LEHIGHTON, p. 5,316; f. area, 2,560 a.; bldgs., wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—1 str., 1 comb. c. & h. wag., 1 c. eng., 1 h. & l. trk., 3 hose carts, 2 hrs.; hose, 4,000 ft.; val. equip., \$10,800; tot. mem., 403 vol.

Water Supply—Src., str., 3 m. bus. cent.; sys., grav.; res. cap., 6,000,000 gals.; mains, c. l., 16 m., 4 to 12 in. dia.; 57 hyd.; 24 v.; met., 7; 1,062 serv.; p/p, lead; pres., dom. 40 lbs., f. 60 lbs.; cost, \$50,000; cost mtce., \$1,250; wks. owned by Co.

LEWISBURG, p. 3,081; f. area, 500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 str., 1 hand eng., 3 hose carts; hose, cot., rub. lined, gd., 2,300 ft.; rub. gd., 600 ft.; tot. hose, 2,900 ft.; f. al., Gamewell & telp.; val. equip., \$25,000; val. bldgs., \$9,000; exp. dept., \$600; tot. mem., 48 vol.

Water Supply—Src., creek, $13\frac{1}{2}$ m. bus. cent.; sys., grav., pump to stdp.; stdp. cap., 300,000 gals., mat. stl.; pump. eng., cap. day 1,000,000 gals.; mains, c. l., 67 m., 3 to 12 in. dia.; 46 hyd.; 24 v.; met., 5; 600 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 75 lbs.; cons. day, 250,000 gals.; cost, \$39,360; cost mtce., \$2,350; wks. owned by Co.

LEWISTON, p. 8,166; merc. bldgs., bk., 3 stor.; priv., bk. & wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 auto. hose wag. equipped with 800 ft. hose & c. tk., 2 str., 1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$10,000; exp. dept., \$1,200; tot. mem., 350 vol.; undrs. rating, first class.

Water Supply—Src., mountain strms.; sys., grav., res. cap., 15,000,000 gals.; mains, 62 m., 4 to 16 in. dia.; 170 hyd.; met., 26; 2,600 serv.; pres., f. 125 lbs.; cost, \$1,025,000; cost mtce., \$3,775; wks. owned by Co.

LIGONIER, p. 1,575. F. dept.—2 hose reels, 1,200 ft. hose; vol., 60.

Water Supply—Src., mountain strm., $3\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, c. l., 10 m., 4 to 8 in. dia.; 25 hyd.; 80 v.; met., 20; pipe, lead; pres., dom. 65 lbs., f. 85 lbs.; cons. day, 60,000 gals.; cost, \$80,000; cost mtce., \$600; wks. owned by city.

LILLY, p. 1,688; bldgs., bk. & wd. F. dept.—3 c. eng., 1 h. & l. trk., 1 hose car.; hose, 600 ft.; f. al., wh.; tot. mem., 7.

Water Supply—Res. cap., 300,000 gals.; mains, 4 to 12 in. dia.; 21 hyd.; pres., 175 lbs.

LINESVILLE, p. 833. F. dept.—1 str., 2 hose reels, 1,200 ft. hose; vol.

Waterwks. owned by priv. corporation.

LITITZ, p. 2,082; f. area, 400 a.; merc. bldgs., bk., 2 to $3\frac{1}{2}$ stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hand eng., 2 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 200 ft.; tot. hose, 1,600 ft.; f. al., elec., 8 bx.; exp. dept., \$600; tot. mem., 200 vol.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap. 160,000 gals.; pump. eng., cap. day 1,080,000 gals.; mains, c. l., $4\frac{1}{2}$ m., 4 to 12 in. dia.; 86 hyd.; 25 v.; met., 2; 11d serv.; pipe, lead; pres., dom. 55 lbs., f. 55 lbs.; cost, \$25,000; cost mtce., \$750; wks. owned by Co.

LITTLESTOWN, p. 1,847; f. area, 640 a.; bldgs., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 200 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$3,800; val. bldgs., \$4,000; exp. dept., \$100; tot. mem., 66 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 107,000 gals.; 2 pump. eng., cap. day 800,000 gals.; mains, c. l., 4 to 8 in. dia.; 32 hyd.; pipe, galv. l.; pres., f., 45 lbs.; cost, \$13,800.

LOCK HAVEN, p. 7,772; f. area, 500 a.; merc. bldgs., bk. & wd., 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & hose wag., c. hand ex., 2 str., 2 comb. c. & hose wag., 1 h. & l. trk., 2 hose wag., 6 hose car.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., bell & telp.; val. equip., \$15,000; val. bldgs., \$5,000; exp. dept., \$3,700; tot. mem. 175, pd. full time 4, pd. part time 2, vol. 169.

Water Supply—Src., strms., 2 to 6 m. bus. cent.; sys., grav.; res. cap., 800,000 gals.; dam cap., 32,000 gals.; mains, c. l., 33 m., 4 to 18 in. dia.; 80 hyd.; pipe, iron; pres., dom. 75 lbs., f. 75 lbs.; cost, \$56,000; cost mtce., \$8,000; wks. owned by city.

LOCUST GAP, p. 1,597; f. area, 1 sq. m.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 2,000 ft. hose; f. al., wh.; val. equip., \$750; val. bldgs., \$3,000; tot. mem., 85 vol.

Water Supply—Src., creek; sys., pump to res.; res. cap., 1,350,000 gals.; 2 pump. eng., cap. day 2,880,000 gals.; mains, 10 m., 4 to 10 in. dia.; 30 v.; met., 18; pres., dom. 150 lbs.; cost, \$235,000; cost mtce., \$15,000; wks. owned by Co.

LUZERNE, p. 5,426; f. area, 400 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., elec.; val. equip., \$1,850; val. bldgs., \$4,000; exp. dept., \$1,400; tot. mem., 75 vol.

Water Supply—Src., res., sys., grav.; res. covers 200 a.; mains, $2\frac{1}{2}$ m., 33 in. dia.; 18 hyd.; pres., dom. 89 lbs., f. 95 lbs.; wks. owned by Co.

LYKENS, p. 2,943; f. area, 140 a.; merc. bldgs., stn., bk. & wd., 2 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels & carts, 1 hose car.; hose, cot., rub. lined, gd., 1,850 ft.; inf., 850 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$3,200; val. bldgs., \$2,500; exp. dept., \$1,000; tot. mem., 50 vol.

Water Supply—Src., creek, $1\frac{1}{4}$ m. bus. cent.; sys., grav.; ma.na, iron, $2\frac{1}{2}$ m., 3 to 10 in. dia.; 28 hyd.; 12 v.; pres., f. 40 lbs.; wks. owned by Co.

McADOO, p. 3,289; f. area, 600 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car. on reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., stn. wh.; val. equip., \$1,200; vol. 50.

Water Supply—Not reported.

McCONNELLSBURG, p. 579; f. area, 46 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., bk. & stn., 2 stor.; wd. rfs. perm. F. dept.—1 hose car.; hose, rub., gd., 500 ft.; inf., 100 ft.; tot. hose, 600 ft.; val. bldgs., \$200; tot. mem., 75 vol.

Water Supply—Src., wells & 3 large spr.; res. cap., 2,000,000 gals.; mains, 4 & 6 in. dia.; 12 hyd.; pres., 90 lbs.

McDONALD, p. 2,543; f. area, 100 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—75 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 100 ft.; tot. hose, 2,500 ft.; f. al., Gamewell, bell & wh., 5 bx.; val. equip., \$2,500; val. bldgs., \$1,000; tot. mem., 78 vol.

Water Supply—Src., riv., $7\frac{1}{2}$ m. bus. cent.; sys., pump to res.; stdp. cap., 684,447 gals., dim. 60 x 80, mat. stl.; res. cap., 90,000,000 gals.; 2 pump. eng., class comp. cond., cap. day 2,500,000 gals.; mains, c. l., 6 m., 4 to 10 in. dia.; 43 hyd.; 70 v.; met., 510; 254 serv.; pipe, lead; pres., dom. 100 lbs., f. 100 lbs.; cost, \$131,469; cost mtce., \$3,600; wks. owned by Co.

McKEESPORT, p. 42,694; f. area, 842 a.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 3 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 14 c. hand ex., 1 aer. trk., 4 hose wag., 14 hrs.; hose, cot., rub. lined, gd., 8,950 ft.; f. al., Gamewell, 73 bx.; val. equip., \$20,000; val. bldgs., \$40,000; exp. dept., \$38,000; tot. mem., 36, pd. full time.

Water Supply—Src., riv., $1\frac{1}{2}$ m. bus. cent.; sys., pump dir. & grav.; res. cap., 6,000,000 gals.; 5 pump. eng., class horizontal-comp. dup., cap. day 15,000,000 gals.; mains, 66 m., 4 to 24 in. dia.; 470 hyd.; 842 v.; 3,587 met.; 6,275 serv.; pipe, lead; pres., dom. & i. 50 to 125 lbs.; cons. day, 8,557,870 gals.; cost, \$973,900; cost mtce., \$71,902; wks. owned by city.

McSHERRYSTOWN, p. 1,724; f. area, 275 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 1,200 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 68 vol.

Water Supply—Src., spr., 200 yds. bus. cent.; sys., pump to stdp.; stdp. cap., 105,000 gals.; pump. eng., cap. day 288,000 gals.; mains, c. l., 2 1-8 m., 4 to 6 in. dia.; 23 hyd.; 100 serv.; pipe, c. i.; pres., dom. 40 to 50 lbs., f. 40 to 50 lbs.; cost, \$16,000; cost mtce., \$450; wks. owned by city.

MAHANAY CITY, p. 15,936; f. area, 175 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 2 comb. c. & h. wag., 1 hose wag., 3 hose car., 12 hrs.; hose, cot., rub. lined, gd., 4,800 ft.; c. 750 ft.; tot. hose, 5,550 ft.; f. al., Gamewell, 16 bx.; val. equip., \$30,000; val. bldgs., \$30,000; exp. dept., \$3,800; tot. mem., 685, 5 pd. full time, 680 vol.; undrs. rating, third class.

Water Supply—Src., artesian wells & spr., $2\frac{1}{2}$ m. bus. cent.; sys., grav. & pump to res.; res. cap., 160,000,000 gals.; pump. eng., cap. day 4,750,000 gals.; mains, c. l., 18 m., 6 to 14 in. dia.; 70 hyd.; 115 v.; met., 154; pipe, lead; pres., dom. 65 lbs., f. 100 lbs.; cons. day, 1,800,000 gals.; wks. owned by Co.

MAHANAY PLANE, p. 2,300; f. area, 1,280 a.; bldgs., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 3 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; val. equip., \$8,000; val. bldgs., \$500.

Water Supply—Src., Mud Run; sys., grav.; res. cap., 202,000,000 gals.; mains, 8 m., 6 in. dia.; 8 hyd.; 8 v.; wks. owned by Co.

MALVERN, p. 1,125; f. area, 640 a.; merc. bldgs., bk., stn. & wd., 2 to 4 stor.; priv., bk., stn. & wd., 2 to 4 stor.; wd. rfs. perm. in f. area;

fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. wag. & pump, 1 gas. eng., 1 hand eng., 8 c. hand ex., 1 h. & l. trk., 1 hose cart, 1 c. & hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 560 ft.; tot. hose, 2,560 ft.; f. al., tel. & bell; val. equip., \$7,500; val. bldgs., \$4,000; exp. dept., \$400; tot. mem., 150 vol.; undrs. rating, second class.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 200,000 gals.; dim. 80 x 15; 1 pump. eng., cap. day 230,400 gals.; mains, 4 to 8 in. dia.; 1 v.; 1 met.; pipe, iron; pres., dom. 35 lbs.; cons. day, 50,000 gals.; wks. owned by city.

MANHEIM, p. 2,202; f. area, 168 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hand eng., 3 hose reels; hose, cot., lined, gd., 1,800 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$8,000; exp. dept., \$100; tot. mem., 140 vol.

Water Supply—Src., creek, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 800,000 gals.; pump. eng., cap. day 360,000 gals.; mains, c. l., $3\frac{1}{2}$ m., 4 to 8 in. dia.; 65 hyd.; 33 v.; met., 5; 407 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 60 lbs.; cost, \$27,000; cost mtce., \$800; wks. owned by Co.

MANOR, p. 1,039; f. area, 150 a. F. dept.—1 c. cart, 2 hose reels, 3 hand c. ex.; val. equip., \$1,200; val. bldgs., \$800; tot. mem., 40 vol.

Water Supply—Src., res.; sys., grav.; 9 hyd.; pres., f., 90 lbs.; wks. owned by priv. Co.

MANSFIELD, p. 1,645; f. area, 1,215 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 2 hose cart.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., elec. sys. being installed; val. equip., \$2,500; val. bldgs., \$3,500; exp. dept., \$100; tot. mem., 100 vol.

Water Supply—Src., spr.; sys., grav. & pump to res.; res. cap., 11,000,000 gals.; 2 pump. eng.; mains, 8 m.; 46 hyd.; 300 serv.; pres., dom. 100 lbs.; f. 100 lbs.; wks. owned by Co.

MARIENVILLE, p. 800; f. area, 160 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 15 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 75 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$700; exp. dept., \$25; vol.

No waterwks.

MARIETTA, p. 2,079; f. area, 2,000 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 3 hose cart.; hose, cot., rub. lined, gd., 1,000 ft.; leather, gd., 300 ft.; inf., 100 ft.; tot. hose, 1,400 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$7,000; tot. mem., 85 vol.

Water Supply—Src., mountain strms.; sys., grav. & pump dir.; res. cap., 1,500,000 gals.; pump. eng., cap. day 600,000 gals.; mains, c. l., 9 m., 4 to 12 in. dia.; 43 hyd.; 33 v.; 500 serv.; pipe, galv. i.; pres., f., 75 lbs.; cost, \$76,427; cost mtce., \$1,600; wks. owned by Co.

MARS, p. 1,300; f. area, 150 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,000; tot. mem., 70 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day, 100,000 gals.; mains, 4 m.; 29 hyd.; 58 v.; pres., dom. & f. 90 lbs.; cost, \$16,225; wks. owned by city.

MARYSVILLE, p. 1,693; priv. bldgs., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord. F. dept.—1 hose wag., 1 hose cart.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$1,000; tot. mem., 75 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; res. cap., 266,000 gals.; 1 pump. eng., cap. day, 700,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 24 hyd.; 21 v.; 150 met.; 315 serv.; pipe, galv. i.; pres., dom. & f. 40 to 80 lbs.; cost, \$60,000; cost mtce., \$8,000; wks. owned by priv. Co.

MASONTOWN, p. 890; f. area, 200 a.; merc.

bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., c. hand ex., 1 hose reel; hose, rub. lined, gd., 1,000 ft.; f. al., elec. gong; val. equip., \$2,000; tot. mem., 20 vol.

Water Supply—Src., riv., $1\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 100,000 gals.; 1 pump. eng., cap. day 145,000 gals.; mains, c. l., 4 m., 4 to 6 in. dia.; 12 hyd.; 15 v.; 261 met.; pres., dom. & f., 85 lbs.; cons. day, 35,000 gals.; wks. owned by city.

MATAMORAS, p. 1,888; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 2 to 3 stor.; priv., wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 2 hose reels; hose, rub. lined, gd., 1,000 ft.; f. al., gong; tot. mem., 63 vol.

Water Supply—Not reported.

MAUCH CHUNK, p. 4,031; f. area, 2,000 a.; merc. bldgs., stn., bk. & wd., 3 & 4 stor.; priv., bk. & wd., 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 hand eng., 1 c. hand ex., 2 h. & l. trk., 2 hose wag., 5 hose carts; hose, cot., rub. lined, gd., 2,850 ft.; rub. gd., 300 ft.; inf., 350 ft.; tot. hose, 3,500 ft.; f. al., wh.; val. equip., \$20,000; val. bldgs., \$17,000; exp. dept., \$300; tot. mem., 200 vol.

Water Supply—Src., spr. & wells, $2\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 2,272,400 gals., loc. W. B'way & E. Mauch Chunk; mains, c. l., 12 m., 3 to 10 in. dia.; 54 hyd.; 110 v.; 860 serv.; 65 met.; pipe, lead & i.; pres., dom. & f. 60 lbs.; cost, \$86,048; cost mtce., \$4,041; wks. owned by Co.

MAYFIELD, p. 3,662; f. area, 640 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—3 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; wh. al.; val. equip., \$2,000; val. bldgs., \$2,000; tot. mem., 200 vol.

Water Supply—Src., wells & cisterns, 5 m. bus. cent.; sys., grav.; mains, c. l., 4 to 8 in. dia.; 17 hyd.; 40 v.; 6 met.; 400 serv.; pipe, galv. i.; pres., dom. & f. 100 lbs.; cons. day, 700,000 gals.; wks. owned by priv. Co.

MEADVILLE, p. 12,780; f. area, 11,000 a.; merc. bldgs., stn. & bk., 2 to 7 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 auto. comb. trk., 1 h. & l. trk., 1 str., 1 comb. c. & wag., 8 c. hand ex., 1 hose wag., 8 hose carts, 6 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; inf., 350 ft.; tot. hose, 8,350 ft.; f. al., bell, 66 bx.; val. equip., \$26,500; val. bldgs., \$10,000; exp. dept., \$11,765; tot. mem., 350, pd. full time 11, vol. 239.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to res.; res. cap., 5,000,000 gals.; pump. eng., cap. day, 7,000,000 gals.; mains, c. l., 33.41 m., 2 to 20 in. dia.; 161 hyd.; met., 1,922; 2,967 serv.; pres., dom. & f. 50 to 122 lbs.; cons. day, 2,000,000 gals.; cost, \$851,499; cost mtce., \$15,000; wks. owned by city.

MECHANICSBURG, p. 4,469; f. area, 400 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 str., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 3 hose carts, 1 hose wag.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bells; val. equip., \$10,500; val. bldgs., \$24,000; exp. dept., \$12,000; tot. mem., 295 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., pump to res. & dir.; res. cap., 1,850,000 gals.; pump. eng., cap. day 172,800 gals.; mains, c. l., 10 m., 4 to 12 in. dia.; 50 hyd.; 750 serv.; pipe, c. f. & lead; pres., dom. 80 lbs., f. 30 lbs.; cost, \$5,500; wks. owned by Co.

MEDIA, p. 3,562; f. area, 1,280 a.; merc. bldgs., bk. & stn., 3 stor.; priv., bk. & stn., 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & wag., 4 c. hand ex., 1 h. & l. trk., 2 hose cart.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., tel. & bell; val. equip., \$10,000; exp. dept., \$700; tot. mem., 250 vol.

Water Supply—Src., Ridley Creek, $\frac{3}{4}$ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 250,000 gals.; dim., 35 x 35; mat., iron; res. cap., 1,250,000 gals., loc. in borough; 3 pump. eng., cap. day, 2,000,000 gals.; mains, c. l., 14 m., 2 to 10 in. dia.; 70 hyd.; 100 v.; met., 13; 1,000 serv.; pipe, lead; pres., dom. 80 lbs., f. 30 lbs.; cons. day,

487,000 gals.; cost, \$152,000; cost mtce., \$5,000; wks. owned by borough.

MERCER, p. 2,026; bldgs., wd. & bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose carts; hose, rub. lined, 1,500 ft.; inf., 50 ft.; tot. hose, 1,550 ft.; tot. mem., 50 vol.

Water Supply—Src., creek, $\frac{3}{4}$ m. bus. cent.; sys., pump to stdp.; cap., 75,000 gals., mat. stl.; 2 pump. eng., class trip. & dup., cap. day 150,000 gals.; mains, c. i., 4 m., 4 to 6 in. dia.; 33 hyd.; 12 v.; 300 serv.; pres., dom. 40 lbs., f., 150 lbs.; cost, \$24,500; cost mtce., \$3,000; wks. owned by Co.

MERCERSBURG, p. 1,410; f. area, 130 a.; bldgs., bk. & stn., 2 & 3 stor.; priv., bk. & stn., 2 stor.; wd. rfs. perm.; fwks. ord.; cause of f. inv. F. dept.—1 str. eng., 2 hose car.; hose, cot., gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$6,500; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 40 vol.

Water Supply—Src., mountain str., 6 m. bus. cent.; sys., grav.; res. cap., 4,000,000 gals. day; mains, c. i., 8 m., 4 to 12 in. dia.; 25 hyd.; 6 met.; pres., dom. & f., 80 lbs.; cons. day, 200,000 gals.; cost, \$80,000; cost mtce., \$1,000; wks. owned by Co.

MESHOPPEN, p. 680; f. area, 15 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,200; tot. mem., 80 vol.

Water Supply—Src., brook, spr. & dam, $1\frac{1}{2}$ m. bus. cent.; sys., dir. pres. & grav.; res. cap., 250,000 gals.; mains, c. i., $3\frac{1}{4}$ m., 4 to 6 in. dia.; 17 hyd.; 100 serv.; pipe, galv. i.; f. pres., 65 lbs.; cost, \$18,000; wks. owned by Co.

MEYERSDALE, p. 3,741; f. area, 2,560 a.; merc. bldgs., bk., 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$6,000; tot. mem., 50 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 5,000,000 gals.; 3 pump. eng., cap. day, 320,000 gals.; mains, c. i., 14 m., 2 to 8 in. dia.; 32 hyd.; 20 v.; 800 serv.; 15 met.; pipe, galv. i.; pres., dom. & f. 50 to 125 lbs.; cost, \$90,000; cost mtce., \$2,000; wks. owned by Co.

MIDDLEBURG, p. 1,000; f. area, 320 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car.; hose cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$1,000; tot. mem., 20 vol.

Water Supply—Mountain str., 8,000 ft. bus. cent.; sys., grav.; res. cap., 360,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 20 hyd.; 14 v.; pipe, galv. & wrt. i.; pres., dom. 85 to 105 lbs.; f. 85 to 105 lbs.; cons. day, 90,000 gals.; cost mtce., \$75; wks. owned by priv. Co.

MIDDLETOWN, p. 5,374; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 c. eng., 3 hose car.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$8,000; exp. dept., \$500; tot. mem., 275 vol.

Water Supply—Src., spr., Iron Mine Run, $3\frac{1}{2}$ m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 250,000 gals., loc. cent. of town, mat. iron; solid masonry dam, cap. 48,000,000 gals., loc. in ravine 3 m. town; 1 pump. eng., class trip., cap. day 1,000,000 gals.; mains, c. i., 10 m., 4 to 12 in. dia.; 39 hyd.; 20 v.; 600 serv.; pres., dom. 50 lbs., f. 90 lbs.; cost, \$200,000; wks. owned by Co.

MIDLAND, p. 5,000; f. area, 1,200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$16,000; exp. dept., \$36; tot. mem., 32 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; 5 pump. eng.; cap. day, 60,000,000 gals.; 26 hyd.; pres., dom. & f. 100 lbs.; wks. owned by Co.

MIDWAY, p. 941. F. dept.—1 c. eng., 2 hose reels, 1 comb. c. & h. wag.; hose, cot., rub. lined, gd., 850 ft.; f. al., bell; vol.

Water Supply—Not reported.

MIFFLINBURG, p. 1,559; merc. bldgs., bk. & wd. F. dept.—1 h. & l. trk., 2 hose car.; hose, 1,500 ft.; f. al., bell; tot. mem., 60 vol.

Water Supply—Src., mountain str.; sys., grav.; res. cap., 94,275 gals.; 49 hyd.

MIFFLINTOWN, p. 954; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd. & stn., 2 & $2\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 700 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$600; exp. dept., \$60; tot. mem., 45 vol.

Water Supply—Src., Macedonia Run, $4\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 400,000 gals.; mains, c. i., 7 m., 4 to 8 in. dia.; 12 hyd.; 25 v.; 400 serv.; pipe, iron; pres., dom. 75 lbs., f. 75 lbs.; cost, \$40,000; wks. owned by Co.

MILFORD, p. 872. F. dept.—3 hose reels, 1 h. & l. trk., 1,700 ft. hose; f. al., bell; tot. mem., 60; vol.

Water Supply—Std. cap., 90,000 gals.; mains, 3 m., 8 to 8 in. dia.; 54 hyd.; wks. owned by city.

MILLERSBURG, p. 2,934; f. area, 100 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. ord. F. dept.—3 hose carts, 1 c. eng.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell & telp.; val. equip., \$1,700; val. bldgs., \$1,000; tot. mem., 60 vol.

Water Supply—Src., spr. & wells, 2 m. bus. cent.; sys., pump to res.; res. cap., 600,000 gals.; 3 pump. eng., class trip., cap. day, 500,000 gals.; mains, c. i., 12 m., 4 to 10 in. dia.; 35 hyd.; 15 met.; 700 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 65 to 70 lbs.; cons. day, 175,000 gals.; wks. owned by priv. Co.

MILLERSTOWN, p. 993; f. area, 480 a.; merc. bldgs., wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$100; tot. mem., 41 vol.

Water Supply—Src., spr., $1\frac{1}{2}$ m. bus. cent.; sys., grav. & pump; res. cap., 235,000 gals.; mains, 2 m., 8 to 6 in. dia.; 14 hyd.; 90 serv.; pipe, c. i., pres., f. 100 lbs.; cost, \$8,000; cost mtce., \$175; wks. owned by city.

MILLHALL, p. 1,043; f. area, 700 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose car.; hose, 1,700 ft.; f. al., wh.; val. equip., \$6,325; val. bldgs., \$1,000; exp. dept., \$75; tot. mem., 65 vol.

Water Supply—Src., strms.; f. pres., 130 lbs.

MILLVALE, p. 7,861; f. area, 5,120 a.; bldgs., wd. & bk., $2\frac{1}{2}$ & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., Halloway f. ex. & hose wag., 3 reels, 1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,450 ft.; f. al., Gamewell, 10 bx.; val. equip., \$5,000; val. bldgs., \$15,000; exp. dept., \$200; tot. mem., 40 vol.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 450,000 gals., loc. on hillside; 3 pump. eng., cap. day 4,000,000 gals.; mains, c. i., $7\frac{1}{2}$ m., 4 to 12 in. dia.; 87 hyd.; 75 v.; 5 met.; 1,250 serv.; pipe, lead; pres., dom. 100 lbs., f. 130 lbs.; cons. day, 1,000,200 gals.; cost, \$160,000; cost mtce., \$12,000; wks. owned by borough.

MILTON, p. 7,460; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & stn., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 25 c. hand ex., 4 hose wag., 5 hose car., 8 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; rub. gd., 2,500 ft.; leather, 300 ft.; tot. hose, 6,800 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$3,500; exp. dept., \$650; tot. mem., 30, pd. part time; undrs. rating, third class.

Water Supply—Src., creek, 9 m. bus. cent.; sys., grav., pump to res.; res. cap., 2,000,000 gals., loc. northeast of town; 2 pump. eng., cap. day 600,000 gals.; mains, c. i., 25 m., 4 to 12 in. dia.; 175 hyd.; 100 v.; met., 10; 1,200 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 75 lbs.; cons. day, 1,000,000

gals.; cost, \$95,000; cost mtce., \$2,500; wks. owned by Co.

MINERS MILLS, p. 3,159; f. area, 1 sq. m.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car., 1 hose wag.; hose, gd., 2,000 ft.; inf., 600 ft.; tot. hose, 2,600 ft.; f. al., tel. & elec.; val. equip., \$2,500; val. bldgs., \$5,000; tot. mem., 70 vol.

MINERSVILLE, p. 7,240; f. area, 650 a.; bldgs., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,168 ft.; rub., gd., 600 ft.; inf., 200 ft.; tot. hose, 1,968 ft.; f. al., wh.; val. equip., \$6,800; val. bldgs., \$3,700; exp. dept., \$700; tot. mem., 350 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav.; res. cap., 100,000,000 gals.; mains, c. i., 15 m., 4 to 14 in. dia.; 40 hyd.; met., 35; 1,825 serv.; pipe, lead; pres., dom. 120 to 140 lbs., f. 155 lbs.; cost, \$107,000; cost mtce., \$3,000; wks. owned by Co.

MONACA, p. 3,376; merc. bldgs., wd. F. dept. 1 hose car.; hose, 2,000 ft.; f. al., elec.; tot. mem., 20 vol.

Water Supply—Sys., pump.; res. cap., 700,000 gals.; pump. eng., cap. day 2,000,000 gals.; pres., dom. 142 lbs.; wks. owned by city.

MONONGAHELA CITY, p. 7,598; f. area, 200 a.; merc. bldgs., bk., 1 to 5 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 2 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh., 19 bx.; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$600; tot. mem., 45 vol.

Water Supply—Src., riv., $\frac{3}{4}$ m. bus. cent.; sys., pump to res. & dir.; res. cap., 2,000,000 gals., loc. 1 m. south of city; 6 pump. eng., class comp. dup., cap. day 5,000,000 gals.; mains, c. i., 18 m., 3 to 12 in. dia.; 50 hyd.; pres., dom. 120 lbs., f. 120 lbs.; cons. day, 2,000,000 gals.; cost, \$265,000; cost mtce., \$8,000; wks. owned by Co.

MONESSEN, p. 11,775; f. area, 350 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 4 hose carts; hose, cot., rub. lined, gd., 6,000 ft.; inf., 200 ft.; tot. hose, 6,200 ft.; f. al., wh.; val. equip., \$6,000; val. bldgs., \$7,000; exp. dept., \$140; tot. mem., 60 vol.

Water Supply—Src., riv., 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 1,500,000 gals.; res. cap., 5,000,000 gals.; 6 pump. eng.; cap. day, 9,000,000 gals.; mains, 20 m., 4 to 20 in. dia.; 87 hyd.; met., 550; 2,200 serv.; pipe, lead; pres., dom. & f. 115 lbs.; cons. day, 2,000,000 gals.; wks. owned by Co.

MONTGOMERY, p. 1,490; f. area, 385 a.; bldgs., bk., stn. & wd.; wd. rfs. perm. F. dept.—1 str., 2 hose car.; hose, gd., 1,200 ft.; inf., 200 ft.; tot. hose, 1,400 ft.; f. al., bell; tot. mem., 47 vol.; exp. dept., \$450.

Water Supply—Src., wells; sys., pump to res.; res. cap., 1,000,000 gals.; pump. eng.; mains, 5 m., 26 hyd.; cons. day, 120,000 gals.; pres., dom. & f. 97 lbs.; cost mtce., \$1,175; wks. owned by Co.

MONTROUSEVILLE, p. 1,904; f. area, 700 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,350 ft.; f. al., bell & wh.; val. equip., \$3,000; tot. mem., 43 vol.

Water Supply—Src., spr., $1\frac{1}{2}$ m. bus. cent.; sys., grav., pump dir.; res. cap., 750,000 gals.; pump. eng., class dup.; mains, c. i., 5 m., 4 to 10 in. dia.; 60 hyd.; 40 v.; 457 serv.; pres., dom. & f., 54 lbs.; cost, \$59,262; cost mtce., \$1,200; wks. owned by borough.

MONTROSE, p. 1,914; f. area, 320 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hand eng., 2 c. eng., 1 h. & l. trk., 2 hose car.; hose, rub., gd., 1,800 ft.; f. al., bell; val. equip., \$6,500; val. bldgs., \$4,000; tot. mem., 150 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to res.; res. cap., 3,000,000 gals.; 2 pump. eng., cap. day, 300,000 gals.; mains, iron, $7\frac{1}{2}$ m.,

4 to 8 in. dia.; 24 hyd.; 22 v.; met., 2; 250 serv.; pres., dom. 100 lbs., f. 115 lbs.; cons. day, 300,000 gals.; cost, \$400,000; cost mtce., \$2,500; wks. owned by Co.

MOOSIC, p. 3,964; f. area, 2,560 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car., 1 comb. c. & h. wag., 8 c. hand ex., 2 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$700; exp. dept., \$464; tot. mem., 80 vol.

Water Supply—Src., spr. & brook; sys., pump to res.; res. cap., 1,250,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 12 m., 4 to 12 in. dia.; 21 hyd.; pres., dom. 70 lbs., f. 140 lbs.; cost, \$54,000; wks. owned by Co.

MOORES, p. 2,000; f. area, 1 sq. m. F. dept.—c. hand ex., 1 comb. hose & c. wag., 1 hose reel, 1 hose car., 1,300 ft. hose; val. equip., \$600; val. bldgs., \$13,500; exp. dept., \$1,200; tot. mem., 155 vol.

Water Supply—Src., Springfield Water Co.; sys., grav.; 20 hyd.; 2 v.; pres., dom., 50 to 80 lbs.; wks. owned by priv. Co.

MORRISVILLE, p. 2,002. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 auto. hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 75 vol.; undrs. rating, second class.

Water Supply—Src., Delaware Riv.; sys., stdp.; 2 pump.; pres., dom. 60 lbs.; cost, \$41,224; wks. owned by town.

MORTON, p. 1,000; f. area, 50 a.; merc. bldgs., bk., 3 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 comb. c. & hose wag., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$3,000; tot. mem., 80 vol.; undrs. rating, third class.

Water Supply—Src., Springfield Water Co.

MT. CARMEL, p. 17,532; f. area, $2\frac{1}{2}$ sq. m.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., bk. & wd., $2\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. trk., 2 str., 2 c. eng., 4 c. hand ex., 2 hose car., 6 hrs.; hose, cot., rub. lined, gd., 4,200 ft.; f. al., wh.; val. equip., \$25,000; val. bldgs., \$25,000; exp. dept., \$2,500; tot. mem., 380, 3 pd. full time, 377 vol.

Water Supply—Src., spr. & wells, $1\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 9,000,000 gals.; 1 pump. eng., cap. day 325,000 gals.; mains, c. i., 16 m., 2 to 10 in. dia.; 79 hyd.; 140 v.; met., 850; 4,000 serv.; pipe, galv. i.; pres., dom. 60 lbs.; cons. day, 600,000 gals.; wks. owned by priv. Co.

MT. HOLLY SPRINGS, p. 1,272; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$3,000; exp. dept., \$32; tot. mem., 70 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, c. i., 3 m., 4 to 10 in. dia.; 25 hyd.; 5 v.; 80 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 70 lbs.; wks. owned by Co.

MT. JEWETT, p. 1,771; merc. bldgs., bk. & wd. F. dept.—2 hose car.; hose, 1,500 ft.; f. al., elec.; tot. mem., 102 vol.

Water Supply—Src., spr., 3 wells; sys., pump.; res. cap., 15,000 bbls.; pump. eng., cap. 300 gals. min.

MT. JOY, p. 2,166; f. area, 50 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—6 c. hand ex., 1 comb. c. & hose trk., 1 gasoline eng., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$5,500; val. bldgs., \$4,000; exp. dept., \$125; tot. mem., 50 vol.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump to res.; res. cap., 750,000 gals.; pump. eng., class comp. non-cond., cap. day 1,000,000 gals.; mains, c. i., 4 m., 4 to 12 in. dia.; 32 hyd.; 37 v.; met., 1; 400 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 45 lbs.; cost, \$50,000; cost mtce., \$2,800; wks. owned by city.

MT. OLIVER, p. 4,241. F. dept.—1 h. & l. trk., 1 c. eng., 1 hose reel; hose, 700 ft.; tot. mem., 86 vol.

Water Supply—Src., riv., 4 m. bus. cent.; sys., pump to res.; res. cap., 5,700,000 gals.; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 11 m., 4 to 20 in. dia.; 20 hyd.; met., 5; 390 serv.; pipe, lead; pres., dom. 35 lbs.; f. 85 lbs.; wks. owned by Co.

MT. PLEASANT, p. 5,812; f. area, 200 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto c. eng., 1 comb. c. & hose wag., 6 c. hand ex., 2 hand eng., 1 h. & l. trk., 1 aer. trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 800 ft.; tot. hose, 2,800 ft.; f. al., elec., 15 bx.; val. equip., \$8,000; val. bldgs., \$1,500; exp. dept., \$1,080; tot. mem., 55; pd. full time 1, pd. part time 3, vol. 51.

Water Supply—Src., creek; sys., pump to res. & stdp.; stdp. cap., 300,000 gals.; res. cap., 3,000,000 gals.; pump. eng., cap. day 4,500,000 gals.; mains, 8 m., 4 to 16 in. dia.; 60 hyd.; 20 v.; 1,200 serv.; pres., dom. 45 lbs.; f. 100 lbs.; wks. owned by Co.

MT. UNION, p. 3,388. F. dept.—1 c. eng., 1 h. & l. trk., 1,200 ft. hose, mem., 52 vol.

Water Supply—Src., Jack's Spring, 2 m. bus. cent.; sys., grav. & pump; Jack Spring Run res. cap., 60,000 gals.; Dark Hollow Run res., 1½ m. bus. cent., cap. 1,000,000 gals.; Lucy Furnace Run res., 1½ m. bus. cent., cap. 80,000 gals.; strum., 1½ m. bus. cent., res. cap. 180,000 gals.; Singer Gap Creek, 6 m., intake cap. 40,000 gals., res. cap. 60,000 gals.; mains, c. i., 15 m., 12 to 4 in. dia.; 57 hyd.; 30 met.; 850 serv.; pipe, galv. i.; pres., dom. & f. 60 to 120 lbs.; cons. day, 200,000 gals.; cost, \$100,000; wks. owned by priv. Co.

MUNCY, p. 1,904; f. area, 400 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 3 hose car.; hose, rub., gd., 1,500 ft.; f. al., wh.; val. equip., \$4,500; tot. mem., 130 vol.

Water Supply—Src., strum., 3½ m. bus. cent.; sys., grav. & pump dir.; res. cap., 2,000,000 gals.; pump. eng., cap. day 500,000 gals.; mains, 11 m., 4 to 12 in. dia.; 84 hyd.; 35 v.; met., 10; 190 serv.; pres., f. 75 lbs.; cost, \$148,516; cost mtce., \$600; wks. owned by Co.

MUNHALL, p. 5,185. Has f. dept. & auto. serv., 3 f. companies, & gd. water sys.

NANTICOKE, p. 18,877; f. area, 3,000 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 to 2½ stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. trk., 1 h. & l. trk., 2 c. hand ex., 1 comb. c. & h. wag., 3 hose carts, 4 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; inf., 10,000 ft.; tot. hose, 18,000 ft.; f. al., wh., Gamewell & telp., 18 bx.; val. equip., \$18,590; val. bldgs., \$36,421; exp. dept., \$2,000; tot. mem., 180, pd. part time.

Water Supply—Src., creek, supplying also Alden, West Nanticoke, Avondale, Sterna & Glenlyon, 5 m. bus. cent.; sys., grav. & pump to res.; res. No. 1 cap., 3,000,000 gals.; res. No. 2 cap., 20,000,000 gals., loc. 3 m. pump.; 4 pump. eng., class dup., cap. day 4,708,800 gals.; mains, c. i., 90 m., 3 to 20 in. dia.; 135 hyd.; 350 v.; met., 200; 4,800 serv.; pipe, galv. i.; pres., dom. 42 lbs.; f. 125 lbs.; cons. day, 4,000,000 gals.; wks. owned by Co.

NARBERTH, p. 1,790; f. area, 600 a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk., stn. & wd., 2 to 3 stor.; wd. ris. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 1,100 ft.; inf., 350 ft.; tot. hose, 1,450 ft.; f. al., bell; val. equip., \$2,300; val. bldgs., \$10,000; exp. dept., \$200; mem., vol., pd. part time 1; undrs. rating, second class.

Water Supply—Src., wells, ¾ m. bus. cent.; sys., grav.; stdp. cap., 250,000 gals., mat. stl.; res. cap., 3,000,000 gals.; mains, 6 m., 6 to 8 in. dia.; 74 hyd.; pipe, iron; pres., dom. 40 lbs.; f. 40 lbs.; wks. owned by priv. Co.

NATRONA, p. 3,450; f. area, 250 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. ris. perm.; fwks. & combt. ord.; causes

of f. inv. F. dept.—12 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 200 ft.; tot. hose, 2,700 ft.; f. al., Gamewell elec., 21 bx.; val. equip. & bldgs., \$17,000; tot. mem., 100 vol.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., grav.; res. cap., 80,000 gals.; mains, c. & wrt. i., 4 m., 2 to 4 in. dia.; 15 hyd.; met., 2; 214 serv.; pipe, galv. & wrt. i.; pres., dom. 60 lbs.; f. 100 lbs.; cost, \$20,000; wks. owned by Co.

NAZARETH, p. 3,978; f. area, 640 a.; bldgs., bk., stn. & wd.; wd. ris. not perm. F. dept.—2 hand eng., 1 c. eng., 1 h. & l. trk., 3 hose car.; hose, gd., 2,250 ft.; f. al., Gamewell, 7 bx.; exp. dept., \$11,000; tot. mem., 110, pd. part time 2, vol. 108.

Water Supply—Src., spr. & wells, 5 & 13 m. bus. cent.; sys., grav.; res. cap., 1,250,000 gals.; 7 pump. eng.; cap. day, 3,888,000 gals.; mains, iron, 29 m., 4 to 10 in. dia.; 32 hyd.; 70 met.; 1,350 serv.; pipe, iron; pres., dom. & f. 50 to 100 lbs.; cons. day, 800,000 gals.; cost, \$300,000; cost mtce., \$3,000; wks. owned by priv. Co.

NESCOPECK, p. 2,000; f. area, 50 a.; F. dept. 1 comb. c. & h. wag., 1 h. & l. trk., buckets, hooks, chains & ropes, etc.; f. al., bell; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$150; tot. mem., 62 vol.

Water Supply—Src., well; sys., pump.; 100 hyd.

NESQUEHONING, p. 4,500; f. area, 100 a. F. dept.—1 hose cart, 1 h. & l. trk., 1,200 ft. hose; f. al., bell; val. equip., \$2,025; val. bldgs., \$8,000; tot. mem., 105 vol.

Water Supply—Src., res.

NEW ALBANY, p. 413; merc. bldgs., stn. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; val. equip., \$1,000; 25 vol.

Water Supply—Stdp. cap., 400,000 gals.; sys., grav.; pres., 80 lbs.; mains, 4 to 6 in. dia.; 10 hyd.; wks. owned by city.

NEW BETHLEHEM, p. 1,625; f. area, 100 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,700 ft.; inf., 300 ft.; tot. hose, 2,000 ft.; f. al., wh.; val. equip., \$4,500; exp. dept., \$350; tot. mem., 50 vol.

Water Supply—Src., creek, 250 ft. bus. cent.; sys., pump to res. & grav.; res. cap., 225,000 gals.; 1 pump. eng., class tr.p., cap. day 702,720 gals.; mains, c. i., 14 m.; 27 hyd.; 26 v.; met., 80; 250 serv.; pipe, galv. i. & lead; pres., dom. 85 lbs.; f. 86 lbs.; cons. day, 100,000 gals.; cost, \$20,000; cost mtce., \$1,800; wks. owned by Co.

NEW BLOOMFIELD, p. 1,000. F. dept.—Not reported.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; res. cap., 50,000 gals.; mains, 1½ m.; 18 hyd.; 4 v.; pipe, iron; pres., dom. 40 lbs.; f. 40 lbs.; cost, \$15,000; wks. owned by Co.

NEW BRIGHTON, p. 3,329; f. area, 570 a.; merc. bldgs., bk. & wd., 2 to 6 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 c. hand ex., 1 auto. comb. c. & h. trk., 1 h. & l. trk., 2 hose wag., 3 hose car., 5 hrs.; hose, cot., rub. lined, gd., 4,200 ft.; f. al., bell & telp.; val. equip., \$14,000; val. bldgs., \$20,000; exp. dept., \$3,000; tot. mem., 50 vol.; undrs. rating, first class.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump to res. & dir.; res. cap., 2,000,000 gals.; 8 pump. eng., cap. day 19,000,000 gals.; mains, c. i., 20 m., 2 to 16 in. dia.; 89 hyd.; 150 v.; met., 768; 750 serv.; pipe, lead; pres., dom. & f., 140 lbs.; cons. day, 2,000,000 gals.; cost, \$235,000; cost mtce., \$20,000; wks. owned by B. V. W. Co.

NEW CASTLE, p. 36,280; f. area, 4,850 a.; merc. bldgs., bk. & stn., 2 & 7 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 chief's auto., 2 auto. comb. c. & hose wag., 1 trip. comb. auto. equipped with 1,000 ft. 2½ in. hose, ladders, 1 c. tk., 150 ft. c. hose, 1 c. eng., 19 c. hand ex., 1 deluge set, 1 h. & l. trk., 1 aer. trk., 1 hose wag., 4 comb. c. & hose wag., 14 hrs.; hose, cot., rub. lined, gd., 10,000 ft.; f. al., Gamewell, 68 bx.;

val. equip., \$55,000; val. bldgs., \$60,000; exp. dept., \$23,650; tot. mem. 216, pd. full time 23, 192 vol.

Water Supply—Src., Shenango Riv., 1½ m. bus. cent.; sys. pump to stdp.; stdp. cap., 225,000 gals.; dim., 40 x 60; mat., stl.; res. cap., 8,000-000 gals., loc. ¾ m. station; 8 pump. eng., cap. day \$1,000,000 gals.; mains, c. i., 62 m., 4 to 20 in. dia.; 869 hyd.; 478 v.; met., 6,205; 8,136 serv.; pipe, lead, iron; pres., dom. 115 lbs.; cons. day, 655,000 gals.; wks. owned by Co.

NEW CUMBERLAND, p. 1,472; bldgs., 1 to 3 stor., mostly wood. F. dept.—1 hose car., 1 hose reel; hose, cot., rub. lined, gd., 750 ft.; f. al., bell.

Water Supply—Src., spr., 3 m. bus. cent.; sys. grav.; res. cap., 4,000,000 gals.; mains, c. i., 2½ m.; 20 hyd.; 150 serv.; pres., f. 90 lbs.; cost, \$35,000; wks. owned by Co.

NEW HAVEN, p. 2,000. Consolidated with Connelleville.

NEW HOLLAND, p. 1,106; f. area, 100 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; no fwks. & combt. ord. F. dept.—19 c. hand ex., 1 h. & l. trk., 1 hose cart; val. equip., \$480; val. bldgs., \$150; tot. mem., 75 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys. grav.; res. cap., 900,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; met., 25; 250 serv.; pipe, galv. l.; pres., dom. 55 lbs., f. 60 lbs.; cost, \$25,000; wks. owned by Co.

NEW HOPE, p. 1,033; f. area, 1 m. sq.; merc. bldgs., str. & bk., 2½ stor.; priv., wd. & bk., 2½ stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 str., 2 hose car.; hose, gd., 1,100 ft.; bell al.; val. equip., \$5,000; val. bldgs., \$4,500; exp. dept., \$450; tot. mem., 60 vol.

Water Supply—Src., canal, riv. & mill-dam.

NEW KENSINGTON, p. 7,707; f. area, 1,200 a.; merc. bldgs., str., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; fwks. & combt. ord.; causes f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 8 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 3,900 ft.; f. al., bell & wh.; val. equip., \$6,500; val. bldgs., \$10,000; exp. dept., \$400; tot. mem., 15 vol.

Water Supply—Src., Allegheny Riv., 12 m. bus. cent.; sys. grav.; res. cap., 10,000,000 gals., loc. 300 ft. above bus. cent.; pump. eng., cap. day 7,000,000 gals.; mains, c. i., 22 m., 4 to 20 in. dia.; 55 hyd.; 100 v.; pipe, lead; pres., dom. 60 lbs., f. 125 lbs.; cost, \$225,000; cost mtce., \$2,400; wks. owned by Co.

NEW MILFORD, p. 654. F. dept.—1 hose reel, 1 h. & l. trk.; hose, cot., rub. lined, gd., 800 ft.; inf., 200 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 80 vol.

Water Supply—Sys., grav.; stdp. cap., 85,000 gals.; mains, 3 m., 4 to 8 in. dia.; 26 hyd.; pres., 68 lbs.; wks. owned by city.

NEW OXFORD, p. 839; f. area, 300 a.; bldgs., bk., 2 & 3 stor.; shingle rfs.; fwks. ord.; f. inv. F. dept.—1 hose car., 2,000 ft. hose; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,000; tot. mem., 60 vol.

Water Supply—Src., creek, ¼ m. bus. cent.; sys. pump to stdp.; stdp. cap., 120,000 gals., dim. 16 x 18, mat. iron; 1 pump. eng., cap. day 180,000 gals.; mains, iron, 3¼ m., 1 to 8 in. dia.; 30 hyd.; 21 v.; 132 serv.; pres., dom. 42 lbs., f. 45 lbs.; cons. day, 30,000 gals.; cost, \$32,000; cost mtce., \$1,200; wks. owned by borough.

NEW PHILADELPHIA, p. 2,500. F. dept.—2 hose reels, 1 h. & l. trk., 300 ft. hose; f. al., bell; val. equip., \$1,000; val. bldgs., \$4,000; tot. mem., 40 vol.

Water Supply—Mains, 1 m., 8 in. dia.; 8 hyd.; wks. owned by priv. Co.

NEWPORT, p. 2,009; f. area, 125 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; val. equip., \$1,300; val. bldgs., \$3,000; tot. mem., 50 vol.; undrs. rating, third class.

Water Supply—Src., mountain spr., 3½ m. bus. cent.; sys. grav.; res. cap., 1,200,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 25 hyd.; 327 serv.; pipe, galv. l.; pres., dom. 95 lbs., f. 124 lbs.; cost, \$40,000; cost mtce., \$400; wks. owned by Co.

NEWTOWN, p. 1,675; f. area, 300 a.; merc. bldgs., wd., 2½ stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes f. inv. F. dept.—1 str., 1 hand eng., 4 c. ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 400 ft.; inf., 300 ft.; tot. hose, 2,700 ft.; f. al., bell & wh.; exp. dept., \$500; tot. mem., 50 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 650,000 gals.; pump. eng., cap. day 300,000 gals.; mains, c. i., 5 m., 3 to 8 in. dia.; 48 hyd.; 16 v.; 200 serv.; pipe, lead; pres., dom. 35 lbs., f. 50 lbs.; cost, \$30,000; cost mtce., \$1,200; wks. owned by Co.

NEWVILLE, p. 1,449; merc. bldgs., bk. & wd., 2 & 3 stor.; fwks. & combt. ord. F. dept.—1 c. ex., 2 hose car.; hose, cot., rub. lined, gd., 950 ft.; tot. mem., 60 vol.

Water Supply—Src., spr.; sys., pump to res.; res. cap., 350,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 3½ m.; 25 hyd.; cost, \$40,000; wks. owned by city.

NEW WILMINGTON, p. 758. F. dept.—1 hose reel, 1 h. & l. trk., 1,000 ft. hose, bell al.; tot. mem., 54 vol.

Water Supply—Stdp. cap., 330,000 gals.; mains, 3½ m., 2 to 8 in. dia.; 22 hyd.; pres., 45 lbs.; wks. owned by city.

NICHOLSON, p. 852. F. dept.—1 str., 3 hose reels, 1,500 ft. hose; bell al.; val. equip., \$6,000; val. bldgs., \$3,000; tot. mem., 60 vol.

Water Supply—Src., Horton Brook, 2 m. bus. cent.; sys. grav.; mains, c. i., 4 m., 4 to 8 in. dia.; 15 hyd.; pipe, c. i.; pres., dom. 48 lbs., f. 48 lbs.; wks. owned by priv. Co.

NORRISTOWN, p. 27,375; f. area, 3,200 a.; merc. bldgs., bk. & str., 1 to 5 stor.; priv. str., bk. & wd., 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 auto. comb. c. & h. wag., 8 c. hand ex., 3 str., 2 comb. c. & h. wag., 2 c. eng., 1 h. & l. trk., 1 aer. trk., 1 hose wag., 15 hrs.; hose, cot., rub. lined, gd., 10,000 ft.; f. al., Gamewell, 22 bk. val. equip., \$34,500; val. bldgs., \$100,000; exp. dept., \$9,700; tot. mem., 1,200, pd. part time 9, 1,191 vol.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 14,000,000 gals.; 2 pump. eng., cap. day 10,000,000 gals.; mains, c. i., 7 m., 4 to 8 in. dia.; 810 hyd.; 22 v.; met., 275; 700 serv.; pipe, lead; pres., dom. 35 to 70 lbs., f. 35 to 80 lbs.; cost, \$600,000; wks. owned by Co.

NORTHAMPTON, p. 6,400. F. dept.—Not reported.

Water Supply—Src., spr. & riv., 2½ m. bus. cent.; sys., pump to res.; 3 res., cap. No. 1, 100,000,000 gals.; No. 2, 3,000,000 gals.; No. 3, 500,000 gals.; dim. No. 1, 200 x 200 x 13; No. 2, 2,500 x 200 x 25; No. 3, 75 x 35; mat., cem. str. & stl.; res. cap., 3,000,000 gals.; 2 pump. eng., class comp., cap. day 3,000,000 gals.; mains, c. i., 48 m., 4 to 16 in. dia.; 202 hyd.; 692 v.; met., 150; 4,000 serv.; pipe, c. i.; pres., dom. 100 to 140 lbs., f. 100 to 140 lbs.; cons. day, 50,000 gals.; cost, \$750,000; cost mtce., \$30,000; wks. owned by priv. Co.

NORTH EAST, p. 2,672; f. area, 640 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes f. inv. F. dept.—1 h. & l. trk., 2 auto. hose wag., 1 hose car., 1 hrs.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 400 ft.; tot. hose, 2,800 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$4,000; exp. dept., \$700; tot. mem., 36 vol.

Water Supply—Src., spr., 2½ m. bus. cent.; sys. grav.; res. cap., 60,000,000 gals.; mains, c. i., 12 m., 4 to 8 in. dia.; 58 hyd.; 60 v.; 65 met.; 750 serv.; pipe, galv. l.; pres., dom. 100 lbs., f. 100 lbs.; cost, \$80,000; cost mtce., \$1,000; wks. owned by city.

NORTHUMBERLAND, p. 3,517; f. area, 300 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 6 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$35; tot. mem., 100 vol.; undrs. rating, fourth class.

Water Supply—Src., mountain strm. & spr., 4 to 6½ m. bus. cent.; sys. grav.; res. cap., 4,500,000 gals.; mains, c. i., 12 m., 4 to 10 in. dia.; 34 hyd.; 400 serv.; pres., dom. 70 lbs., f. 90 lbs.; wks. owned by Co.

NORTH WALES, p. 1,800; f. area, 400 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2 to 4 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 4 c. hand ex., 1 c. eng., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,865 ft.; rub., gd., 200 ft.; tot. hose, 1,665 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$3,500; tot. mem., 20 vol.

Water Supply—Src., wells; sys., grav., pump dir.; res. cap., 56,000 gals.; pump. eng., cap. day 250,000 gals.; mains, 4 m., 2 to 8 in. dia.; 25 hyd.; 22 v.; pres., dom. 40 lbs., f. 60 lbs.; cost, \$18,724.80; cost mtce., \$900; wks. owned by Co.

OAKDALE, p. 1,353; merc. bldgs., wd. & bk. F. dept.—1 hose car.; hose, 1,500 ft.; f. al., wh.; tot. mem., 50 vol.

Water Supply—Src., wells; sys., pump.

OAKMONT, p. 3,436. F. dept.—3 hose carts.

Water Supply—Src., riv.; sys., pump to res.; 3 pump. eng.; mains, 8 m.; met., 30; pres., dom. 65 to 160 lbs.; wks. owned by Co.

OIL CITY, p. 15,657; merc. bldgs., bk. & stn., 3 & 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 4 c. hand ex., 1 h. & 1 trk., 3 hose car., 7 hrs.; hose, cot., rub. lined, gd., 6,300 ft.; f. al., Gamewell, 32 bx.; val. equip., \$10,000; val. bldgs., \$20,000; exp. dept., \$5,000; tot. mem., 22, pd. full time 6, pd. part time 17.

Water Supply—Src., wells, 2 m. bus. cent.; sys., grav. & pump to res.; res. cap., 4,000,000 gals.; 3 pump. eng., cap. day 7,500,000 gals.; mains, c. i., 34½ m., 4 to 12 in. dia.; 267 hyd.; 207 v.; 3,600 met.; 2,976 serv.; pipe, lead; pres., dom. 110 lbs., f. 90 lbs.; cons. day, 3,000,000 gals.; cost, \$432,978; cost mtce., \$20,000; wks. owned by city.

OLDFORGE, p. 11,824. F. dept.—3 hose wag.; vol.

Water Supply—Src., Spring Brook Water Co.; sys., grav.

OLYPHANT, p. 3,605; f. area, 300 a.; merc. bldgs., stn., bk. & wd., 1 to 6 stor.; priv., stn. & wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., 1 h. & 1 trk., 1 aer. trk., 3 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,600 ft.; tot. hose, 3,500 ft.; f. al., elec., 12 bx.; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$2,800; tot. mem., 160 vol.; undrs. rating, second class.

Water Supply—Src., mountain strum.; sys., grav.; res. cap., 3,500,000 gals.; mains, 10 m., 6 to 12 in. dia.; 30 hyd.; pres., dom. 140 lbs., f. 175 lbs.; wks. owned by Co.

ORBISONIA, p. 618. F. dept.—1 h. & 1 trk.; f. al., wh.; vol.

Water Supply—2 m. mains, 6 in. dia.; 5 hyd.

ORWIGSBURG, p. 1,801; f. area, 640 a.; merc. bldgs., bk. & wd., 2, 3 & 4 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hand eng., 1 c. eng., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$2,500; exp. dept., \$150; tot. mem., 159 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 4,000,000 gals.; mains, c. i., 4 m., 4 to 12 in. dia.; 28 hyd.; met., 3; 350 serv.; pipe, lead; pres., dom. 75 lbs., f. 75 lbs.; wks. owned by city.

OSCEOLA MILLS, p. 2,437; f. area, 12 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., elec., 9 bx.; val. equip., \$1,000; val. bldgs., \$3,000; exp. dept., \$250; tot. mem., 44 vol.

Water Supply—Src., spr. & strum., 4 m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; mains, c. i., 6½ m., 4 to 10 in. dia.; 27 hyd.; 80 v.; met., 5; 508 serv.; pipe, galv. & wrt. i.; pres., dom. 5 to 200 lbs., f. 15 to 200 lbs.; cost, \$38,500; cost mtce., \$1,100; wks. owned by Co.

OXFORD, p. 2,390; f. area, 1,280 a.; merc. bldgs., wd., stn. & bk., 1 to 4 stor.; priv., bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,350 ft.; f. al., bell & wh.; val. equip.,

\$5,000; val. bldgs., \$8,000; exp. dept., \$600; tot. mem., 160 vol.; undrs. rating, second class.

Water Supply—Src., 2 drilled 8-in. wells, ¾ m. bus. cent.; sys., pump to res.; res. cap., 480,000 gals., loc. at station; 2 pump. eng., cap. day 77,000 gals.; mains, c. i., 6 m., 3 to 6 in. dia.; 39 hyd.; met., 12; 306 serv.; pipe, lead; pres., dom. 10 to 12 lbs., f. 10 to 12 lbs.; cons. day, 40,000 gals.; cost, \$53,411; cost mtce., \$1,600 to \$1,900; wks. owned by city.

PALMYRA, p. 1,000; f. area, 9 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—2 c. eng., 2 hrs., 500 ft. hose; f. al., wh.; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$800; tot. mem., 100 vol.

Water Supply—Src., wells & spr., 1 m. bus. cent.; sys., grav.; res. cap., 5,000,000 gals.; 1 pump. eng., cap. day 200,000 gals.; mains, c. i., 12 m., 4 to 8 in. dia.; 12 hyd.; 25 met.; pres., dom. 25 lbs.; cons. day, 100,000 gals.; wks. owned by priv. Co.

PALO ALTO, p. 1,837; f. area, 20 a.; bldgs., wd., 2 & 2½ stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 hose car.; hose, cot., gd., 1,600 ft.; f. al., bell & wh.; val. equip., \$3,600; val. bldgs., \$600; tot. mem., 80 vol.

Water Supply—Src., from Pottsville Water Co.

PARKESBURG, p. 2,522; merc. bldgs., bk. & wd., 2½ stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; tot. mem., 120 vol.

Water Supply—Src., spr. & wells; sys., pump to res.; res. cap., 1,200,000 gals.; 2 pump. eng., cap. day 710,000 gals.; mains, 12 m., 4 to 10 in. dia.; 25 hyd.; 500 serv.; cost, \$65,000; cost mtce., \$4,500; wks. owned by Co.

PARKERS LANDING, p. 1,244. F. dept.—3 hose reels, 1,500 ft. hose; f. al., bell; tot. mem., 48, pd. full time 3, 45 vol.

Water Supply—Src., stdp.; stdp. cap., 250,000 gals.; mains, 3 m., 4 in. dia.; 35 hyd.; wks. owned by city.

PARSONS, p. 2,529; merc. bldgs., wd., 2½ stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, gd., 2,900 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$300; tot. mem., 80 vol.

Water Supply—Src., Spring Brook Water Supply Co.; sys., grav.; mains, 4 3-5 m.; 13 hyd.; pres., f. 60 lbs.; wks. owned by Co.

PATTON, p. 3,907. F. dept.—Hose, 1,600 ft.; tot. mem., 95 vol.

Water Supply—Src., Chest Crk., in bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; 3 pump. eng., class dup. comp., cap. day 2,000,000 gals.; mains, c. i. & wd., 10 m., 1 to 8 in. dia.; 30 hyd.; met., 28; 500 serv.; pipe, galv. i.; pres., dom. & f., 80 to 100 lbs.; cons. day, 700,000 gals.; wks. owned by priv. Co.

PECKVILLE, p. 3,000; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 2 hose wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., elec., 17 bx.; val. equip., \$6,500; val. bldgs., \$1,000; exp. dept., \$2,800; tot. mem., 45 vol.

Water Supply—Src., res., sys., grav.; res. cap., 21,000,000 gals.; mains, c. & galv. i., 9 m., 2 to 10 in. dia.; 19 hyd.; 20 v.; met., 1; 400 serv.; pipe, galv. i.; pres., dom. 110 lbs., f. 185 lbs.; cost, \$50,000; cost mtce., \$600; wks. owned by Co.

PEN ARGYL, p. 3,967; merc. bldgs., wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 h. & 1 trk., 3 hose car.; hose, cot., gd., 950 ft.; inf., 50 ft.; tot. hose, 1,000 ft.; f. al., wh. & bell, 7 bx.; val. equip., \$1,000; val. bldgs., \$800; tot. mem., 47 vol.; undrs. rating, second class.

Water Supply—Src., spr.; sys., grav. to res.; cap. res., 12,000,000 gals.; 2 pumps; 10 m. 12-in. pipe; 31 hyd.

PENNSBURG, p. 1,500; merc. bldgs., bk., 2 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose car.;

hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; 60 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav. & dir.; res. cap., 1,000,000 gals.; mains, 4 to 12 in. dia.; 85 hyd.; 15 v.; pres., f. 97 lbs.; wks. owned by Co.

PERKASIE, p. 2,779; f. area, 800 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk., 2 to 3 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 aer. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; f. al., wh. & gong; val. bldgs., \$8,000; exp. dept., \$400; tot. mem., 75 vol.

Water Supply—Src., spr., 2 1/4 m. bus. cent.; sys., grav., with pump, auxiliary; res. cap., 100,000 gals., mat. conc. & bk.; 1 pump. eng., cap. day 12,000 gals.; mains, c. i., 7 m., 4 to 8 in. dia.; 45 hyd.; pipe, c. i.; pres., dom. 50 lbs., f. 55 lbs.; cost, \$67,000; cost mtce., \$2,000; wks. owned by priv. Co.

PHILADELPHIA, p. 1,549,008; f. area, 82,880 a.; merc. bldgs., bk. & stn., 2 to 20 stor.; priv., bk., 3 & 4 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—57 str. (14 in reserve), 59 comb. c. & hose wag. (6 in reserve), 5 c. eng., 86 c. hand ex., 17 h. & l. trk. (5 in reserve), 2 comb. aer. trk., 18 aer. trk. (5 in reserve), 5 water towers, 2 turret wag., 4 f. boats, 9 hose carts, 5 hose car., 458 hrs. (80 in reserve); hose, cot., rub. lined, gd., 146,000 ft.; (83,650 ft. in reserve); inf., 87,000 ft.; tot. hose, 216,650 ft.; f. al., Gamewell, 2,072 bx.; val. equip., \$524,874; tot. mem., 1,203, pd. full time.

Water Supply—Src., r.v., 3 to 7 m. bus. cent.; sys., pump to res., stdp., & 63 per cent. dir. into distribution; stdp. cap., 318,000 gals., dia. 11 ft., height 150 ft., mat. stl.; res. cap., 1,427,252,000 gals.; pump. eng., 56, class comp., cap. day 495,500,000 gals.; mains, c. i. & stl., 3 to 60 in. dia., 1,729 m.; hyd., 16,942; v., 83,805; met., 4,850; 350,000 serv.; lead pipe; pres., 10 to 150 lbs.; cons. day, 319,000,000 gals.; cost, \$67,250,000; cost mtce., \$2,271,657; wks. owned by city.

PHILLIPSBURG, p. 2,585; f. area, 200 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. tanks on wheels, 3 str., 1 h. & l. trk., 6 hose car.; hose, gd., 2,000 ft.; cot., rub. lined, gd., 2,500 ft.; inf., 900 ft.; tot. hose, 3,400 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$10,000; exp. dept., \$500; tot. mem., 200 vol.

Water Supply—Src., str., 4 m. bus. cent.; sys., grav.; res. cap., 4,000,000 gals.; 1 pump. eng., class hor. dup., cap. day 1,000,000 gals.; mains, c. i., 12 m., 2 to 6 in. dia.; 64 hyd.; 25 v.; met., 6; 1,000 serv.; pres., dom. 65 lbs., f. 65 to 80 lbs.; cons. day, 1,000,000 gals.; cost, \$163,000; cost mtce., \$2,500; wks. owned by Co.

PHOENIXVILLE, p. 10,743; f. area, 1,750 a.; merc. bldgs., bk. & wd., 4 to 6 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 4 c. hand ex., 1 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 19 bx.; val. equip., \$12,000; val. bldgs., \$12,000; tot. mem., 900 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res.; res. cap., 8,600,000 gals., loc. on hill north of borough; 3 pump. eng., class comp., cap. day 7,500,000 gals.; mains, c. i., 18 m., 4 to 16 in. dia.; 177 hyd.; met., 6; 1,765 serv.; pipe, lead; pres., dom. 50 lbs., f. 65 lbs.; cons. day, 1,000,000 gals.; cost, \$290,000; cost mtce., \$7,500; wks. owned by borough.

PICTURE ROCKS, F. dept. not reported. Water Supply—Src., spr., 3/4 m. bus. cent.; sys., dir. pres.; mains, galv. l., 2 m.; 2 in. dia.; pipe, galv. i.; pres., dom. 150 lbs., f. 150 lbs.; cost, \$4,000; cost mtce., \$25; wks. owned by priv. Co.

PINE GROVE, p. 1,352; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose car.; hose, rub., gd., 1,000 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$100; tot. mem., 40

Water Supply—Src., str., 3 1/2 m. bus. cent.; sys., grav.; res. cap., 1,500,000 gals.; mains, 6 m., 4 to 8 in. dia.; 250 hyd.; 20 v.; 250 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 80 lbs.; cost, \$25,000; wks. owned by borough.

PITCAIRN, p. 4,975. F. dept. not reported.

Water Supply—Src., wells; sys., grav.; mains, 4 to 12 in.; pres., dom. 40 lbs., f. 100 lbs.; wks. owned by Co.

PITTSBURGH, p. 533,905; f. area, 19,700 a.; merc. bldgs., stn., bk., wd. & iron, 1 to 22 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—45 str., 18 comb. c. & h. wag., 9 auto. comb. c. & h. wag., 2 c. eng., 120 c. hand ex., 12 h. & l. trk., 9 aer. trk., 1 water tower, 2 hose wag., 30 hose car. & reels, 300 hrs.; hose, cot., rub. lined, gd., 103,890 ft.; inf., 3,000 ft.; tot. hose, 106,890 ft.; f. al., Gamewell, 527 bx.; exp. dept., \$1,255,000; tot. mem., 429, pd. full time.

Water Supply—Src., riv. intakes, 6 & 8 m. above bus. cent.; sys., pump to res.; res. cap., 267,300,000 gals.; pumps, low lift, 4 centrif., cap. day 140,000,000 gals.; high lift, 15 pumps, cap. day 192,000,000 gals.; comb. cap. pumps at substations, 54,000,000 gals. day; mains, c. i., 693 m., 4 to 66 in. dia.; 6,888 hyd.; 12,461 v.; 9,279 met.; 88,005 serv.; pipe, lead; pres., average dom. 75 to 90 lbs.; cons. day, 110,000,000 gals.; cost, \$25,000,000; cost mtce., \$1,045,000; wks. owned by city.

PITTSSTON, p. 16,267; f. area, 1,920 a.; merc. bldgs., bk., wd. & stn., 3 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 str., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 5 hose car., 6 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 15 bx.; val. equip., \$32,000; val. bldgs., \$20,000; exp. dept., \$4,000; tot. mem., 300, pd. full time 2, vol. 295.

Water Supply—From the Spring Brook Water Supply Co.

PLYMOUTH, p. 16,996; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—8 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 comb. c. eng. & h. wag., 1 hose car., 6 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 600 ft.; tot. hose, 4,600 ft.; f. al., Gamewell, 20 bx.; val. equip., \$11,000; val. bldgs., \$8,000; exp. dept., \$2,000; tot. mem., 125 vol.

Water Supply—From the Spring Brook Water Supply Co.

POINT MARION, p. 1,889. F. dept.—1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 509 ft.; rub., gd., 300 ft.; inf., 400 ft.; tot. hose, 1,200 ft.; f. al., wh.; tot. mem., 30 vol.

Water Supply—Src., res., 1 m. bus. cent.; sys., grav.; res. cap., 600,000 gals.; 2 pump. eng., comb. cap. day 38,400 gals.; mains, c. & wrt. l., 1 to 8 in. dia.; 15 hyd.; met., 200; 200 serv.; pipe, c. & wrt. l.; pres., dom. 130 lbs., f. 130 lbs.; cons. day, 75,000 gals.; cost, \$25,000; cost mtce., \$1,500; wks. owned by city.

PORT ALLEGHENY, p. 1,972; f. area, 1/2 x 1/2 m.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose wag., 1 c. wag.; hose, cot., rub. lined, gd., 2,650 ft.; f. al., wh.; val. equip., \$2,500; val. bldgs., \$8,000; exp. dept., \$100; tot. mem., 54 vol.

Water Supply—Src., str., 2 m. bus. cent.; sys., grav.; 3 res., cap. 25,000 bbls., loc. 1, 1 1/2 & 2 m. town; mains, c. l., 7 m., 3 to 8 in. dia.; 54 hyd.; 60 v.; met., 6; 350 serv.; pipe, galv. l.; pres., dom. 90 lbs., f. 100 lbs.; cost, \$100,000; cost mtce., \$2,500; wks. owned by Co.

PORT CARBON, p. 2,678; f. area, 20 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 ladders, 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$9,000; exp. dept., \$400; tot. mem., 60 vol.

Water Supply—Src., supplied by Pottsville Water Co.

PORT ROYAL, p. 555; f. area, 40 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose reel, c. hand ex.; hose, cot., rub. lined, gd., 400 ft.; f. al., bell; val. equip., \$600; val. bldgs., \$30; tot. mem., 60 vol.

Water Supply—Src., Tuscarora Mountain, 3 1/2 m. bus. cent.; sys., dir. pres.; res. cap., 77,500 gals.

mains, wrt. l. 3 1/2 m., 6 in. dia.; pipe, wrt. l.; pres., dom. 115 lbs.; cons. day, 20,000 gals.; cost, \$20,000; wks. owned by priv. Co.

PORT VUE, p. 1,978; f. area, 200 a.; priv. dwellings, bk. & wd., 1 to 3 stor.; causes of f. inv. F. dept.—2 hose car., 4 c. hand ex.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., mill wh.; val. equip., \$1,800; val. bldgs., \$1,600; exp. dept., \$650; tot. mem., 48 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; pump. eng., cap. day 250,000 gals.; mains, c. l., 4 m., 4 to 6 in. dia.; 36 hyd.; 8 v.; met., 100; pipe, lead; pres., 20 to 150 lbs.; cons. day, 15,000 gals.; cost, \$40,000; cost mtce., \$1,000; wks. owned by priv. Co.

POTTSTOWN, p. 15,699; f. area, 2,880 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 str., 2 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 15 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 500 ft.; tot. hose, 5,000 ft.; f. al., elec., 31 bx.; val. equip., \$25,000; val. bldgs., \$50,000; exp. dept., \$5,000; tot. mem., 653, pd. full time 3, vol. 650.

Water Supply—Src., Schuylkill Riv., 500 ft. bus. cent.; sys., pump to res.; res. cap., 9,500,000 gals.; 2 pump. eng.; cap. day, 3,000,000 gals.; mains, 31 m., 4 to 24 in. dia.; 120 hyd.; met., 130; 3,500 serv.; pres., dom. & f. 40 to 60 lbs.; cons. day, 1,500,000 gals.; cost, \$400,000; wks. owned by Co.

POTTSVILLE, p. 20,286; f. area, 4 sq. m.; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 auto. comb. c. & h. trk., 4 str., 2 comb. c. & h. wag., 1 aer. trk., 1 c. eng., 10 c. hand ex., 2 hose wag., 2 hand hose car., 2 auto. c. eng. & hose wag., 23 hrs.; hose, cot., rub. lined, gd., 8,850 ft.; f. al., Gamewell, 34 bx.; val. equip., \$55,000; val. bldgs., \$85,000; exp. dept., \$6,000; tot. mem., 700, pd. full time 13, vol. 687; undrs. rating, third class.

Water Supply—Src., str., 9 m. bus. cent.; sys., grav.; res. cap., 800,000,000 gals.; mains, c. l., 40 m., 8 to 20 in. dia.; 148 hyd.; met., 75; pres., dom. 20 to 60 lbs.; f. 185 lbs.; wks. owned by Co.

PUNXSUTAWNEY, p. 12,000; f. area, 500 a.; merc. bldgs., stn. & bk., 2 to 7 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—2 h. & l. trk., 1 c. eng., 6 c. hand ex., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,900 ft.; inf., 700 ft.; tot. hose, 2,600 ft.; f. al., bell & wh.; val. equip., \$2,380; val. bldgs., \$8,000; exp. dept., \$385; tot. mem., 50 vol.

Water Supply—Src., wells, 1/2 m. bus. cent.; sys., pump to res.; res. cap., 80,000 gals.; 2 pump. eng., class dir. acting & dup., cap. day 1,000,000 gals.; mains, 5 1/2 m., 2 to 6 in. dia.; 21 hyd.; 40 v.; met., 2; 250 serv.; pipe, lead; pres., dom. 50 lbs.; f. 75 lbs.; cost, \$28,000; cost mtce., \$2,800; wks. owned by Co.

QUAKERTOWN, p. 8,801; f. area, 15 m.; merc. bldgs., bk. & wd., 2 1/2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—3 c. hand ex., 1 hand eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 500 ft.; tot. hose, 4,500 ft.; f. al., wh.; val. equip., \$4,700; val. bldgs., \$10,000; exp. dept., \$650; tot. mem., 50 vol., 250 reserve; undrs. rating, second class.

Water Supply—Src., wells & spr., 2 m. bus. cent.; sys., pump to res.; res. cap., 1,488,000 gals., loc. 2 1/2 m. town; 2 pump. eng., cap. day, 1,000,000 gals.; mains, iron, 8 1/2 m., 4 to 10 in. dia.; 67 hyd.; met., 1; 400 serv.; pipe, wrt. l. & lead; pres., dom. 45 lbs.; f. 45 lbs.; cost, \$70,000; cost mtce., \$2,200; wks. owned by Co.

RADNOR, p. 7,000; f. area, 14 sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. pump. eng., 1 auto. comb. wag., 1 h. & l. trk.; f. al., bell; val. equip., \$12,000; exp. dept., \$2,500; tot. mem., 310, pd. full time 1, pd. part time 1, vol. 308; undrs. rating second class.

Water Supply—Src., res.; 125 hyd.

RANKIN, p. 6,042; f. area, 500 a.; bldgs., stn., bk. & wd., 1 to 4 stor.; wd. rfs. perm. F. dept.—

3 hose car., 1 comb. wag., 2 hrs.; hose, cot., rub. lined, 3,800 ft.; f. al., wh.; exp. dept., \$1,756; tot. mem., 80 vol.

Water Supply—Src., Pennsylvania Water Co., 3 1/2 m. bus. cent.; sys., pump dir.; mains, c. l., 7 1/2 m., 4 to 10 in. dia.; 43 hyd.; 180 v.; 710 met.; 650 serv.; pipe, lead; pres., dom. 110 lbs.; f. 150 to 175 lbs.; cons. day, 350,000 gals.; cost, \$38,000; cost mtce., \$5,000; wks. owned by borough.

READING, p. 96,071; f. area, 3,965 a.; merc. bldgs., stn., bk. & iron, 8 to 13 stor.; priv., stn., bk. & wd., 2 to 4 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 auto. comb. c. & h. wag., 1 auto. aer. trk., 2 auto. str. with hose & c. tank, 1 chief's auto., 7 comb. c. & h. wag., 2 in reserve, 4 hose wag. in reserve, 12 str., 2 c. eng., 28 c. hand ex., 2 h. & l. trk., 3 in reserve, 1 aer. trk., 2 chief's wag., 11 fuel & exercise wag., 35 hrs. (13 in reserve); hose, cot., rub. lined, gd., 18,200 ft. (2,000 ft. in reserve); f. al., Gamewell, 96 bx.; val. equip., \$115,000; val. bldgs., \$120,000; exp. dept., \$65,000; tot. mem., 5,606, pd. full time 28, vol. 5,578.

Water Supply—Src., creek & spr., 2 & 6 1/2 m. bus. cent.; sys., grav. & pump to res.; res. cap., 185,742,000 gals., loc. 1/2 to 3 m. bus. cent.; 3 pump. eng., cap. day 30,000,000 gals.; mains, c. l., 114.5 m., 2 to 36 in. dia.; 997 hyd.; 2,966 v.; 4,447 met.; 22,968 serv.; pipe, lead, wrt. & c. i.; pres., dom. 10 to 133 lbs.; f. 10 to 133 lbs.; cons. day, 13,428,925 gals.; cost, \$3,949,558; cost mtce., \$65,184; wks. owned by city.

RED LION, p. 2,300; f. area, 25 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 9 comb. c. & h. wag., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 c. eng.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$300; tot. mem., 100 vol.

Water Supply—Not reported.

RENOVO, p. 4,621; f. area, 1 x 1/2 m.; bldgs., stn., bk. & wd.; wd. rfs. perm. F. dept.—2 auto. comb. c. & hose trk., 2 comb. c. & h. wag., 6 c. hand ex., 1 str., 1 h. & l. trk., 4 car. reels, &c.; hose, gd., 4,500 ft.; f. al., wh.; val. equip., \$12,500; exp. dept., \$150; tot. mem., 100 vol.; undrs. rating, first class.

Water Supply—Src., creek, 3 m. bus. cent.; sys., grav. & pump to res.; res. cap., 1,750,000 gals.; pump. eng., cap. day 500,000 gals.; mains, c. l., 9 m., 6 to 14 in. dia.; 45 hyd.; 50 v.; 1,000 serv.; pipe, galv. l.; pres., f. 80 to 90 lbs.; cost, \$36,000; cost mtce., \$300; wks. owned by town.

REYNOLDSVILLE, p. 4,276; f. area, 150 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 5 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$1,000; exp. dept., \$25; tot. mem., 125 vol.

Water Supply—Src., spr. & wells, 2 m. bus. cent.; sys., pump to res. & tk.; res. cap., 800,000 gals., loc. 1/2 m. east city; 4 pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. l., 8 m., 4 to 6 in. dia.; 48 hyd.; 45 v.; met., 26; 400 serv.; pipe, iron & lead; pres., dom. 90 lbs.; f. 100 lbs.; cons. day, 500,000 gals.; cost, \$48,000; cost mtce., \$3,000; wks. owned by Co.

RIDGWAY, p. 5,408; f. area, 450 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 patrol wag., 4 c. hand ex., 2 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., bell, telp. & wh.; val. equip., \$5,000; val. bldgs., \$5,500; tot. mem., 206 vol.

Water Supply—Src., str., 1 1/2 m. bus. cent.; sys., grav. & pump dir.; res. cap., 800,000 gals.; 2 pump. eng., cap. day 600,000 gals.; mains, c. l., 11 m., 4 to 8 in. dia.; 45 hyd.; 86 v.; 420 serv.; pres., dom. 100 lbs.; f. 100 lbs.; cost, \$30,000; cost mtce., \$3,000; wks. owned by city.

RIDLEY PARK, p. 1,761; bldgs., bk. & wd., 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & automatic wh., 11 bx.; val. equip., \$3,000; val. bldgs., \$8,000; tot. mem., 149 vol.

Water Supply—Src., res.; sys., pump to res.; res. cap., 2,000,000 gals.; pump. eng., cap. day 1,000,000 gals.; 21 hyd.; pres., dom. 65 to 75 lbs.; f. 65 to 75 lbs.; cost, \$500,000; wks. owned by Co.

ROARING SPRING, p. 1,808; f. area, 400 a. F. dept.—1 h. & l. trk.; 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; val. equip., \$1,800; val. bldgs., \$3,000; tot. mem., 53 vol.

Water Supply—Src., mountain pump, 1; 39 hyd.; pres., dom. 80 lbs.; f. 160 lbs.; cost, \$10,000; wks. owned by city.

ROCHESTER, p. 5,903; f. area, 1 sq. m.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 8 hose car., 4 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell, bell & telp.; val. equip., \$7,000; val. bldgs., \$20,000; exp. dept., \$500; tot. mem., 34, pd. full time 2, 32 vol.

Water Supply—Src., Beaver Riv.; sys., pump to res. & dir.; pump. eng., cap. day 11,000,000 gals.; mains, 30 m., 4 to 16 in. dia.; 90 hyd.; 1,200 serv.; pres., dom. 135 lbs.; wks. owned by Beaver Valley Water Co.

ROCKLEDGE, p. 879; f. area, 500 a.; merc. bldgs., wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose reels, 18 c. hand ex.; hose, cot., rub. lined, gd., 1,300 ft.; f. al., telp. & bell; val. equip., \$3,000; val. bldgs., \$5,500; tot. mem., 110 vol.

ROCKWOOD, p. 1,300. F. dept. not reported. Water Supply—Src., strm. & spr., 3 m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; 1 pump. eng., cap. day 300,000 gals.; mains, 7 m., 4 to 16 in. dia.; 30 hyd.; 12 v.; met., 8; pres., dom. 100 lbs.; f. 100 lbs.; cons. day, 800,000 gals.; cost, \$61,000; wks. owned by priv. Co.

ROYERSFORD, p. 3,078; f. area, 40 a.; merc. bldgs., bk., 2 to 6 stor.; priv., bk., 2 to 4 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 2 hose car., 3 hrs.; hose, cot., rub. lined, gd., 600 ft.; inf., 400 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$6,500; val. bldgs., \$1,000; exp. dept., \$500; tot. mem., 175 vol.; undrs. rating, first class.

Water Supply—Src., riv.; sys., pump to basin; basin cap., 3,000,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 10 m., 4 to 16 in. dia.; 42 hyd.; 75 v.; met., 50; 500 serv.; pres., dom. 50 lbs.; f. 110 lbs.; cost, \$133,000; cost mtce., \$2,500; wks. owned by Home Water Co.

RURAL VALLEY, p. 768; merc. bldgs., wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$900; exp. dept., \$25; vol.

Water Supply—Src., well, 1/4 m. bus. cent.; sys., pump. to stdp.; stdp. cap. 24,000 gals., dim. 16 x 16, mat. wd.; 1 pump. eng., cap. day 48,000 gals.; mains, c. l., 2 m., 4 to 6 in. dia.; 16 hyd.; 10 v.; 130 met.; pres., dom. & f., 70 lbs.; cons. day, 12,000 gals.; cost, \$12,000; cost mtce., \$1,100; wks. owned by borough.

RUTLEDGE, p. 523; f. area, 25 a.; merc. bldgs., wd., 1 to 3 stor.; priv., bk., stn. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose reels, 5 c. hand ex.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$9,000; tot. mem., 200 vol.; undrs. rating, second class.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; stdp. cap., unlimited; mains, 2 m.; pres., 60 lbs.; wks. owned by city.

ST. CLAIR, Schuylkill Co., p. 6,455; f. area, 1 sq. m.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; cause of f. inv. F. dept.—1 str., 2 c. eng., 8 c. hand ex., 1 h. & l. trk., 5 hose carts; hose, rub. lined, gd., 1,000 ft.; cot. lined, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 2,800 ft.; f. al., wh.; val. equip., \$7,125; val. bldgs., \$20,200; exp. dept., \$2,086; tot. mem., 350 vol.

Water Supply—Supplied by Pottsville; pipe, 4 in., 3 to 20 in. dia.; 42 hyd.; pres., 100 lbs.

ST. DAVIDS, f. area, 17 sq. m. F. dept.—2 auto. comb. c. & hose wag. equipped with hose, 1 h. & l. trk., 2 hose reels, 2,200 ft. hose; f. al., telp.; val. equip., \$12,000; exp. dept., \$1,800; tot. mem., 340 vol.

Water Supply—Unlimited; sys., grav.; pres., 75 lbs.; mains, 4 to 10 in. dia.; 20 hyd.; wks. owned by priv. corporation.

ST. MARYS, p. 6,846; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; priv., stn., bk. & wd., 2 & 2 1/2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2,700 ft. hose; f. al., bell; tot. mem., 100 vol.

Water Supply—Src., spr. & strm., 2 to 6 m. bus. cent.; sys., pump.; res. cap., 2,000,000 gals.; 4 pumps, cap. day, 2,000,000 gals.; mains, c. l., 25 m., 2 to 8 in. dia.; 100 hyd.; met., 70; 1,057 serv.; 40 v.; pipe, c. & wrt. l.; pres., dom. & f. 40 to 85 lbs.; cons. day, 1,200,000 gals.; cost, \$200,000; wks. owned by Co.

ST. PETERSBURG, p. 458; f. area, 50 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 hose car.; hose, gd., 655 ft.; vol., not org.

Water Supply—Src., 2 spr. & 3 artesian wells, 1/4 m. bus. cent.; sys., grav.; res. cap., 67,000 gals.; 1 pump. eng.; pipe, 3 & 5 m., 3 & 4 in. dia.; 30 hyd.; pres., f. 100 lbs.; cost, \$10,000; cost mtce., \$250; wks. owned by borough.

SALTSBURG, p. 1,044. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; val. bldgs., \$875.

Water Supply—Src., riv., 1/2 m. bus. cent.; sys., pump to res. & dir.; res. cap., 1,000,000 gals., loc. 1/4 m. bus. cent.; 2 pump. eng., cap. day 750,000 gals.; mains, c. l., 3 1/2 m., 4 to 8 in. dia.; 23 hyd.; met., 168; 226 serv.; pipe, lead & galv. i.; pres., dom. 80 to 120 lbs., f. 80 to 120 lbs.; cost, \$15,000; cost mtce., \$1,400; wks. owned by borough.

SAYRE, p. 6,426; f. area, 2,000 a.; merc. bldgs., bk. & stn., 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 2 h. & l. trk., 6 hose carts, 1 comb. c. & h. wag.; hose, cot., rub. lined, 3,200 ft.; inf., 500 ft.; tot. hose, 3,700 ft.; f. al., wh., 5 street bx. & 1 in each hose house; val. equip., \$6,000; val. bldgs., \$5,150; exp. dept., \$1,000; tot. mem., 150 vol.

Water Supply—Src., riv., 2-3 m. bus. cent.; sys., pump to res. & dir.; res. cap., 3,000,000 gals.; pump. eng., class comp., cap. day 8,000,000 gals.; mains, c. l., 30 m., 3 to 16 in. dia.; 83 hyd.; met., 1,000; 2,300 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 92 lbs.; cons. day, 2,000,000 gals.; wks. owned by Co.

SCHUYLKILL HAVEN, p. 4,747; f. area, 2,000 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 1/2 stor.; wd. rfs. perm. in f. area F. dept.—4 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$7,000; exp. dept., \$1,000; tot. mem., 200 vol.

Water Supply—Src., spr., 4 m. bus. cent.; sys., grav. & pump to res.; res. cap., 7,000,000 gals.; pump. eng., cap. day 400,000 gals.; mains, c. l., 18 m., 4 to 8 in. dia.; 34 hyd.; pres., f. 135 lbs.; cost, \$85,000; cost mtce., \$6,000; wks. owned by Co.

SCOTTDAL, p. 5,456; f. area, 300 a.; merc. bldgs., bk., stn. & wd., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk., 1 hose wag., 5 hose car.; hose, cot., rub. lined, gd., 3,200 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$8,000; tot. mem., 90 vol.

Water Supply—Src., strm., 6 m. bus. cent.; sys., grav.; res. cap., 176,000,000 gals.; mains, c. l., 35 m., 4 to 20 in. dia.; 91 hyd.; 60 v.; 65 met.; 2,126 serv.; pipe, lead; pres., dom. 60 lbs., f. 100 lbs.; cost, \$294,847; cost mtce., \$2,000; wks. owned by Co.

SCRANTON, p. 129,867; f. area, 12,333 a.; merc. bldgs., bk. & stn., 3 to 10 stor.; priv., bk. & wd., 2 to 4 stor.; wd. rfs. not perm.; combt. ord.; causes of f. inv. F. dept.—1 chief's auto., 3 auto. comb. c. & h. wag., 7 str., 8 comb. c. & h. wag., 1 c. eng. in reserve, 26 c. hand ex., 1 ser. h. & l. trk., 8 hose wag., 1 chief's wag., 54 hrs.; hose, cot., rub. lined, gd., 21,000 ft.; f. al., Gamewell.

195 bx.; val. equip., \$250,000; val. bldgs., \$175,000; exp. dept., \$150,000; tot. mem., 140, pd. full time.

Water Supply—Src., strm.; sys., grav.; res. cap., 6,000,000 gals.; mains, 197 m., 4 to 36 in. dia.; 781 hyd.; 2,198 v.; 19,000 serv.; pres., 70 to 95 lbs.; cons. day, 25,000,000 gals.; wks. owned by Co.

SELINSGROVE, p. 1,473; f. area, 600 a.; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 2½ to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 500 ft.; tot. hose, 1,300 ft.; f. al. bell; val. equip., \$12,000; val. bldgs., \$3,000; exp. dept., \$100; tot. mem., 35 vol.

Water Supply—Src., creek, ¼ m. bus. cent.; sys., pump to basin & basin to res.; res. cap., 2,000,000 gals.; 3 pump. eng., cap. day 5,400,000 gals.; mains, 5½ m., 4 to 12 in. dia.; 40 hyd.; met., 1; 260 serv.; pres., dom. 57 lbs., f. 100 lbs.; cons. day, 125,000 gals.; cost, \$46,000; wks. owned by priv. Co.

SELLERSVILLE, p. 1,572; merc. bldgs., bk. & wd. F. dept.—1 h. & l. trk., 3 hose car.; hose, 2,600 ft.; f. al. bell & wh.; tot. mem., 90 vol.

Water Supply—Src., spr. & wells, 3 m. bus. cent.; sys., grav.; res. cap., 5,000,000 gals.; 35 hyd.; pres., f. 65 to 100 lbs.; cons. day, 150,000 gals.; wks. owned by Borough.

SEWICKLEY, p. 4,479; f. area, 640 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. perm. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 500 ft.; tot. hose, 2,100 ft.; val. equip., \$5,500; val. bldgs., \$25,000; tot. mem., 19 vol.

Water Supply—Src., riv., ¾ m. bus. cent.; sys., pump to res.; stdp. cap., 212,000 gals., dim. 20 x 110, mat. stl.; res. cap., 8,000,000 gals., loc. ¾ m. east of town; 8 pump. eng., class trip. dup., cap. day 2,000,000 gals.; mains, c. i., 24 m., 3 to 12 in. dia.; 115 hyd.; 392 v.; 70 met.; 1,116 serv.; pipe, lead; pres., dom. 50 lbs., f. 115 lbs.; cons. day, 800,000 gals.; cost, \$228,000; cost mtce., \$4,500; wks. owned by city.

SHAMOKIN, p. 19,588; merc. bldgs., bk., 4 stor.; priv., wd., 2½ & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 comb. c. & h. wag., 10 c. hand ex., 1 hose wag., 1 hose car., 14 hrs.; hose, rub., gd., 2,800 ft.; inf., 1,600 ft.; tot. hose, 4,400 ft.; f. al. elec., Gamewell sys., 27 bx.; val. bldgs., \$60,000; exp. dept., \$7,000; tot. mem., 800 vol.; undra. rating, second class.

Water Supply—Src., spr. & mountain strm., 9¼ m. bus. cent.; sys., grav.; res. cap., 600,000,000 gals., loc. 9.5 m. city; mains, c. i., 55.92 m., 8 to 24 in. dia.; 103 hyd.; 307 v.; met., 54; pres., dom. & f. 75 to 85 lbs.; wks. owned by Co.

SHARON, p. 15,270; f. area, 1,300 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 auto. pump. eng., 1 aer. trk., 2 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., Gamewell, 6 bx.; val. equip., \$11,000; val. bldgs., \$8,000; exp. dept., \$5,000; tot. mem., 34, pd. full time 6, vol. 28.

Water Supply—Src., riv., sys., pump to main; 2 pump. eng., class comp. cond., cap. day 11,000,000 gals.; mains, 35 m., 4 to 16 in. dia.; 214 hyd.; met., 937; 3,500 serv.; pres., dom. 150 lbs., f. 150 lbs.; cons. capita, 75 gals.; wks. owned by Co.

SHARON HILL, p. 1,400; f. area, 450 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. wag., 1 comb. c. & hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & telp., 2 bx.; val. equip., \$1,500; exp. dept., \$1,000; tot. mem., 160 vol.; undra. rating, class B.

Water Supply—Not reported.

SHARPSBURG, p. 8,153; f. area, 1 sq. m.; merc. bldgs., bk., 3 & 4 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 7 c. hand ex., 1 h. & l. trk., 3 hose car., 4 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 25 bx.; val. equip., \$16,000; val. bldgs., \$16,000; exp. dept., \$2,500; tot. mem., 182, pd. full time 4, vol. 128; undra. rating, third class.

Water Supply—Src., artesian wells & Allegheny

Riv., 1 m. bus. cent.; sys., pump dir.; 2 pump. eng., class dup., cap. day 2,000,000 gals.; mains, c. i., 25 m., 4 to 14 in. dia.; 71 hyd.; met., 22; 800 serv.; pipe, lead; pres., dom. 85 lbs., f. 120 lbs.; wks. owned by city.

SHARPSVILLE, p. 3,634; f. area, 700 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 comb. h. & l. & hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,900 ft.; inf., 200 ft.; tot. hose, 2,100 ft.; f. al. bell & wh.; val. equip., \$2,000; val. bldgs., \$12,000; exp. dept., \$200; vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 94,800 gals., d m. 20 x 80, mat. iron; 2 pump. eng., class dup., cap. day 300,000 gals.; mains, iron, 7¼ m., 4 to 10 in. dia.; 90 hyd.; met., 4; 375 serv.; pipe, lead; pres., dom. 75 lbs., f. 112 lbs.; cost, \$82,500; cost mtce., \$3,000; wks. owned by city.

SHEFFIELD, p. 2,500; merc. bldgs., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 3,500 ft.

Water Supply—Src., Deer Lick Run; sys., grav.; res. cap., 4,500,000 gals.; mains, c. i., 6 m., 4 to 8 in. dia.; 40 hyd.; pres., f. 75 lbs.

SHENANDOAH, p. 25,774; f. area, 1,200 a.; merc. bldgs., bk. & wd., 2½ stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 3 c. eng., 8 c. hand ex., 1 h. & l. trk., 2 hose wag., 11 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 800 ft.; tot. hose, 4,800 ft.; f. al., Gamewell, 29 bx.; val. equip., \$40,000; val. bldgs., \$50,000; exp. dept., \$5,500; tot. mem., 375; pd. full time, 8, vol. 372.

Water Supply—Src., strm., spr. & artesian well, 5 m. bus. cent.; sys., pump to res.; res. cap., 6,000,000 gals.; 2 pump. eng., cap. day 3,500,000 gals.; mains, stl. & c. i., 26 m., 4 to 14 in. dia.; 116 hyd.; 109 v.; met., 8; 38,025 serv.; pipe, iron; pres., dom. 90 lbs., f. 110 lbs.; cons. day, 1,750,000 gals.; cost, \$237,000; cost mtce., \$42,400; wks. owned by city.

SHERIDANVILLE, F. dept.—1 h. & l. trk., 4 hose reels, 2,950 ft. hose; tot. mem., 120 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 750,000 gals.; mains, 3 m., 6 to 8 in. dia.; 42 hyd.; pres., dom. 35 lbs., f. 135 lbs.; wks. owned by priv. Co.

SHICKSHINNY, p. 1,917; f. area, 10 a.; bldgs., bk. & wd., 3 stor.; wd. rfs. not perm. F. dept.—2 c. hand ex., 1 h. & l. trk.; hose, 1,800 ft.; inf., 200 ft.; tot. hose, 1,800 ft.; f. al., Gamewell & telg., 7 bx.; val. equip., \$3,000; val. bldgs., \$1,400; exp. dept., \$200; tot. mem., 49 vol.

Water Supply—Src., creek, ¾ m. bus. cent.; sys., grav.; mains, c. i., 5 m., 2 to 16 in. dia.; 150 hyd.; 12 v.; 150 serv.; pipe, galv. i.; pres., f., 45 lbs.; cost, \$12,000; cost mtce., \$200; wks. owned by Co.

SHIPPENSBURG, p. 3,457; f. area, 300 a.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 300 ft.; rub. gd., 900 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$3,000; tot. mem., 100.

Water Supply—Src., spr., 5 m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals., loc. 1 m. south of town; mains, c. i., 17 m., 4 to 12 in. dia.; 70 hyd.; 60 v.; met., 20; 1,000 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 65 lbs.; cons. day, 500,000 gals.; cost, \$75,000; cost mtce., \$550; wks. owned by city.

SINKING SPRING, p. 1,000; f. area, 500 a.; merc. bldgs., bk., stn. & wd., 2 to 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 comb. hose wag.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$3,000; exp. dept., \$200; tot. mem., 150 vol.

Water Supply—Not reported.

SLATINGTON, p. 4,454; f. area, 260 a.; merc. bldgs., stn., bk. & wd., 2 to 5 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1

str., 25 c. hand ex., 1 h. & 1 trk., 2 hose car., 1 c. comb. wag., 2 hrs.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 1,500 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$12,000; exp. dept., \$900; tot. mem., 185, pd. full time 1, pd. part time 10, 174 vol.

Water Supply—Src., spr. & artesian wells; sys., grav.; mains, 11 m., 4 to 8 in. dia.; 45 hyd.; 53 v.; 750 serv.; pres., dom. 80 lbs., f. 140 lbs.; cost, \$45,000; wks. owned by borough.

SLIPPERY ROCK, p. 870; f. area, 40 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 50 c. hand ex., 2 hose reels, ladders; hose, cot., rub. lined, gd., 1,000; f. al., bell; val. equip., \$700; tot. mem., 40 vol.

Water Supply—Src., cisterns; sys., grav.; stdp. cap., 48,000 gals.; res. cap., 25,000 gals.; 1 pump. eng., cap. day 108,000 gals.; mains, 6 m., 3 to 6 in. dia.; 33 hyd.; 15 v.; 204 met.; 185 serv.; pipe, c. i.; pres., dom. 40 lbs., f. 60 lbs.; cons. day, 12,800 gals.; cost, \$25,000; wks. owned by city.

SMETHPORT, p. 1,817; f. area, 475 a.; merc. bldgs., cem., wd. & bk., 3 & 4 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 str., 3 c. eng., 5 c. hand ex., 1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 200 vol.

Water Supply—Src., 3 wells, spr. & strm., 3 m. bus. cent.; res. cap., 1,000,000 gals.; mains, iron, 10 m., 4 to 6 in. dia.; 32 hyd.; 500 serv.; pipe, lead; pres., dom. 45 lbs., f. 65 lbs.; cost, \$60,000; cost mtce., \$500; wks. owned by city & Co.

SOMERSET, p. 2,612; f. area, 600 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 2 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 comb. c. & hose wag., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., wh.; val. equip., \$8,000; tot. mem., 75 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res.; res. cap., 750,000 gals.; 1 pump. eng.; cap. day, 720,000 gals.; mains, 7 m., 4 to 10 in. dia.; 70 hyd.; 250 met.; 700 serv.; pres., dom. & f. 70 to 110 lbs.; cons. day, 200,000 gals.; cost, \$50,000; cost mtce., \$3,000; wks. owned by city.

SOUNDERTON, p. 1,875; f. area, 250 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 2 hose reels, 1 h. & 1 trk.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., elec., 2 bx.; val. equip., \$1,500; exp. dept., \$100; tot. mem., 48 vol.; undrs. rating, second class.

Water Supply—Not reported.

SOUTH BETHLEHEM, Northampton Co., p. 19, 973; f. area, 645 a.; merc. bldgs., bk., 2½ to 4 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 1 comb. c. wag., 4 c. hand ex., 1 aer. trk., 2 hose wag., 1 hose car., 7 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; inf., 1,800 ft.; tot. hose, 8,800 ft.; f. al., Gamewell, 5 bx.; val. equip., \$17,548; val. bldgs., \$20,000; exp. dept., \$4,000; tot. mem., 215; pd. part time 11, 204 vol.

Water Supply—Src., riv., 4½ m. bus. cent.; sys., grav.; res. cap., 20,000,000 gals.; cap. day, 5,000,000 gals.; mains, 16 m., 3 to 20 in. dia.; 75 hyd.; 175 v.; met., 3; pres., dom. 80 lbs., f. 100 lbs.; cost, \$250,000; wks. owned by Co.

SOUTH FORK, p. 4,592; f. area, 125 a.; merc. bldgs., bk. & wd., 1 & 4 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 1 hose wag., 1 hose cart.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 800 ft.; tot. hose, 2,800 ft.; f. al., bell & wh.; val. equip., \$3,800; val. bldgs., \$9,000; tot. mem., 110 vol.

Water Supply—Src., riv., 4½ m. bus. cent.; sys., grav.; res. cap., 20,000,000 gals.; mains, c. i., 6 m., 10 in. dia.; 93 hyd.; 46 v.; met., 6; 60 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 90 lbs.; cost, \$72,000; cost mtce., \$400; wks. owned by Co.

SOUTH SHARON, p. 10,190; f. area, 500 a.; merc. bldgs., bk., stn. & wd., 1 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. are not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 4 c. hand ex.; 1 h. & 1 trk., 2 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; rub. gd., 150 ft.; tot. hose, 4,650 ft.; f. al., telp. & bell; val. equip., \$9,000; val. bldgs., \$10,000; exp. dept., \$3,000; tot. mem., 80; pd. full time 3, vol. 77.

Water Supply—To be installed.

SOUTH WAVERLY, p. 1,084. F. dept.—Not reported.

Water Supply—Src., Waverly Water Co.; sys., grav.; 2 res., cap. 130,000,000 gals.; mains, c. i., 4 2-3 m., 4 to 8 in. dia.; 7 hyd.; 40 v.; 25 met.; 193 serv.; pipe, galv. i.; pres., dom. & f., 80 to 90 lbs.; cons. day, 100,000 gals.; wks. owned by priv. Co.

SPANGLER, p. 2,000; f. area, 100 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose car., ladders, &c.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$500; vol.; undrs. rating, fifth class.

Water Supply—Src., res., 1 m. bus. cent.; sys., grav.; 12 hyd.; pres., dom. 20 lbs.; cost, \$35,000; wks. owned by priv. Co.

SPRING CITY, p. 2,880; f. area, 1½ sq. m.; bldgs., bk. & stn., 2 & 3 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 str. eng., 2 hose car., 1 hose wag., ladders, &c.; hose, cot., gd., 1,600 ft.; bell al.; val. equip., \$5,000; val. bldgs., \$5,500; exp. dept., \$480; tot. mem., 191 vol.

Water Supply—Src., cistern, cap. 600 hds., & canal; 17 hyd.; 18 v.; 2 met. (Supply from Royersford.)

SPRING GROVE, p. 1,152; f. area, 60 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 c. eng., 2 hose car.; hose, 300 ft., linen, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$2,500; exp. dept., \$100; 85 vol.

Water Supply—Src., res., ½ m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; 2 pump. eng.; mains, c. i., 4 to 12 in. dia.; 16 hyd.; pipe, wrt. i.; pres., dom. 80 lbs., f. 150 lbs.; wks. owned by priv. Co.

STATE COLLEGE, p. 1,425; f. area, 1,000 a. F. dept.—1 c. eng., 2 comb. c. & hose wag., c. hani ex., 2 hose wag., 1 h. & 1 trk.; f. al., elec.; val. equip., \$4,000; val. bldgs., \$4,000; vol.

Water Supply—Src., Shingletown Gap Riv., 4 m. bus. cent.; sys., grav.; res. cap., 300,000 gals.; mains, 10 m., 6 to 12 in. dia.; 85 hyd.; met., 8; pipe, iron; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 250,000 gals.; wks. owned by priv. Co.

STEELTON, p. 14,246; f. area, 300 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 2 comb. h. & c. wag., 14 c. hand ex., 2 h. & 1 trk., 1 hose wag., 2 hose car., 10 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; rub. gd., 500 ft.; inf., 500 ft.; tot. hose, 4,000 ft.; f. al., Gamewell, 21 bx.; val. equip., \$12,000; val. bldgs., \$27,000; exp. dept., \$10,000; tot. mem., 654, pd. full time 4, vol. 650.

Water Supply—Src., Susquehanna Riv., ½ m. bus. cent.; sys., pump to res. & dir.; res. cap., 7,000,000 gals.; 8 pump. eng., class comp. cond., cap. day 6,000,000 gals.; mains, 14½ m., 4 to 24 in. dia.; 127 hyd.; 150 v.; 1,500 met.; 1,700 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 9,000,000 gals.; cost mtce., \$14,000; wks. owned by borough.

STONEBORO, p. 1,074; bldgs., wd. F. dept.—1 c. eng., 1 h. & 1 trk., 1 hose car.; hose, 1,000 ft.; f. al., bell; tot. mem., 24 vol.

Water Supply—Src., res.; sys., grav.; res. cap., 225,000 gals.; 12 hyd.; eng. & windmills.

STRASSBURG, p. 885; f. area, 400 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose car.; hose, cot., rub. lined, gd., 900 ft.; rub. gd., 900 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$100.

Water Supply—Src., spr., 5 m. bus. cent.; sys., grav.; res. cap., 100,000 gals.; mains, c. i., 7 m., 4 to 8 in. dia.; 38 hyd.; 20 v.; met., 6; 190 serv.

pipe, galv. l.; pres., dom. & f. 60 to 70 lbs.; cost, \$21,000; cost mtce., \$5,000; wks. owned by city.

STROUDSBURG, p. 4,379; f. area, 640 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 1,000 ft.; tot. hose, 2,800 ft.; val. equip., \$12,000; val. bldgs., \$8,500; tot. mem., 48 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav. & pump to res.; 2 small pumps for emergency; res. cap., 4,000,000 gals.; mains, c. l., 18 m., 4 to 10 in. dia.; 40 hyd.; 85 v.; met., 18; pres., dom. 40 lbs., f. 40 lbs.; cons. day, 800,000 gals.; cost mtce., \$2,500; wks. owned by Co.

SUGAR NOTCH, p. 2,439; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al. bell; val. equip., \$1,500; val. bldgs., \$4,000; exp. dept., \$100; tot. mem., 50 vol.

Water Supply—Src., from Spring Brook Water Supply Co., Wilkesbarre.

SUMMERVILLE, p. 609. F. dept.—5 c. hand ex., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 500 ft.; inf., 250 ft.; tot. hose, 750 ft.; f. al. bell; val. equip., \$300; vol.

Water Supply—Src., spr. & well, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 1,700 bbls.; 1 pump. eng.; mains, c. l., $2\frac{1}{2}$ m.; 6 hyd.; 10 v.; pipe, c. l.; pres., dom., 65 lbs.; cost, \$7,000; cost mtce., \$800; wks. owned by priv. Co.

SUMMIT HILL, p. 2,986; f. area, 400 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; inf., 900 ft.; tot. hose, 1,400 ft.; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$150; tot. mem., 50 vol.

Water Supply—Src., crk., spr. & well, 1 m. bus. cent.; sys., pump to res.; res. cap., 300,000 gals.; 2 pump. eng., cap. day 300,000 gals.; mains, c. l., 6 m., 4 to 8 in. dia.; 21 hyd.; 50 v.; 20 met.; 600 serv.; pipe, galv. l.; pres., dom. & f., 25 lbs.; cons. day, 800,000 gals.; cost, \$15,000; cost mtce., \$1,500; wks. owned by Co.

SUNBURY, p. 13,770; f. area, 1,920 a.; merc. bldgs., stn. & bk., 2 to 4 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 c. eng., 4 c. hand ex., 1 h. & l. trk., 10 hose car., 6 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; f. al. bell; val. equip., \$17,000; val. bldgs., \$30,000; exp. dept., \$4,500; tot. mem., 800 vol.

Water Supply—Src., spr. & surface water; sys., pump dir.; res. cap., 23,489,000 gals.; 2 pump. eng., cap. day 7,000,000 gals.; mains, 90 m., 6 to 16 in. dia.; 42 hyd.; 80 v.; pres., f. 100 lbs.; cost, \$110,000; cost mtce., \$3,000; wks. owned by Co.

SUSQUEHANNA, p. 3,478; f. area, 8 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv. bldgs., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 20 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 1,200 ft.; linen, gd., 1,600 ft.; inf., 900 ft.; tot. hose, 4,500 ft.; f. al. Gamewell, 18 bx.; val. equip., \$2,000; val. bldgs., \$1,500; tot. mem., 97 vol.; undrs. rating, second class.

Water Supply—Src., lake & spr., 2 m. bus. cent.; sys., grav.; res. cap., 50,000,000 gals.; 3 dams, cap., 200,000,000 gals.; mains, c. l., 21 m., 2 to 14 in. dia.; 42 hyd.; 51 v.; met., 26; 912 serv.; pipe, c. l.; pres., dom. 80 lbs., f. 135 lbs.; cost, \$212,000; cost mtce., \$2,350; wks. owned by Co.

SWARTMORE, p. 2,000; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 auto. comb. pump. eng., 1 h. & l. trk., 1 hose wag.; hose, rub. lined, gd., 2,050 ft.; f. al. bell; val. equip., \$13,000; val. bldgs., \$15,000; exp. dept., \$800; tot. mem., 50, pd. part time; undrs. rating, second class.

Water Supply—Src., creek, 1 m. bus. cent.; sys., grav.; 1 res., loc. at Secane; cap., 4,000,000 gals.; 1 res., loc. at Marple; cap., 2,000,000 gals.; 31 hyd.; wks. owned by Springfield Water Co.

SWISSVALE, p. 7,881; f. area, $1\frac{1}{4}$ m.; merc.

bldgs., bk., 1 to 4 stor.; priv., bk., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 auto. comb. c. & h. wag., 1 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al. Gamewell, 28 bx.; val. equip., \$18,657; val. bldgs., \$35,412; exp. dept., \$10,000; tot. mem., 102, pd. full time 2, vol. 100.

Water Supply—Src., Penn Water Co.; 88 hyd.

TAMAQUA, p. 9,462; f. area, 1,500 a.; merc. bldgs., bk. & wd., $2\frac{1}{2}$ to 4 stor.; priv., bk. & wd., $2\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 2 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 3 hose car., 8 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al. elec., 16 bx.; val. equip., \$14,000; val. bldgs., \$18,000; exp. dept., \$2,000; tot. mem., 350 vol.

Water Supply—Src., spr., $3\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 63,000,000 gals.; mains, 20 m., 4 to 16 in. dia.; 98 hyd.; 150 v.; met., 10; 3,000 serv.; pipe, iron & lead; pres., dom. 70 lbs., f. 108 lbs.; cost, \$200,000; cost mtce., \$2,000; wks. owned by city.

TARENTUM, p. 7,414; f. area, 960 a.; merc. bldgs., bk. & wd., 3 stor.; priv., wd., $2\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 5 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 500 ft.; inf., 1,000 ft.; tot. hose, 3,500 ft.; f. al. bell & wh.; val. equip., \$9,000; val. bldgs., \$16,000; exp. dept., \$500; tot. mem., 400 vol. Undrs. rating, third class.

Water Supply—Src., riv. & spr.; sys., grav., pump to res.; res. cap., 2,000,000 gals.; pump. eng., cap. day, 2,000,000 gals.; mains, 15 m., 8 to 12 in. dia.; 60 hyd.; met., 11; 970 serv.; pres., dom. 85 lbs., f. 85 lbs.; cost, \$210,977; cost mtce., \$5,865; wks. owned by Co.

TAYLOR, p. 9,060; f. area, 1,880 a.; merc. bldgs., wd., 2 & 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; rub., gd., 500 ft.; inf., 300 ft.; tot. hose, 2,700 ft.; f. al. Gamewell, 9 bx.; val. equip., \$3,500; val. bldgs., \$5,000; exp. dept., \$250; tot. mem., 125 vol.

Water Supply—Src., wells & spr., 5 m. bus. cent.; sys., grav. & pump d.r.; 25 hyd.; 2 res.; wks. owned by Co.

TELFORD, p. 1,207. F. dept.—2 c. ex., 2 hose carts, 1 hand eng.; hose, cot., gd., 1,500 ft.; f. al. bell; val. bldgs., \$2,000; tot. mem., 47 vol.

Water Supply—Src., wells & cisterns.

THOMPSONTOWN, p. 293; f. area, 60 a.; merc. bldgs., bk. & wd., $2\frac{1}{2}$ & 3 stor.; priv., bk. & wd., 2 & $2\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—C. hand ex., hose reels, buckets, &c.; hose, cot., rub. lined, gd., 350 ft.; f. al. bell; val. equip., \$500; exp. dept., \$100; tot. mem., 35 vol.

Water Supply—Src., wells, $1\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 50,000 gals.; mains, wd., 2 m., 4 to 6 in. dia.; 12 hyd.; 5 v.; 54 serv.; pipe, wrt. l.; pres., dom. & f., 80 lbs.; cons. day, 10,000 gals.; cost, \$8,000; cost mtce., \$150; wks. owned by priv. Co.

THROOP, p. 8,000. F. dept.—1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 250 ft.; f. al. bell; val. equip., \$1,500; val. bldgs., \$2,500; tot. mem., 50 vol.

Water Supply—Src., Olyphant Water Co.; sys., dir. pres.; 80 hyd.; pres., dom. 50 lbs.; wks. owned by Co.

TIDIOUTE, p. 1,324; bldgs., wd., 2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 5 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; linen, gd., 1,400 ft.; rub., gd., 500 ft.; tot. hose, 3,800 ft.; val. equip., \$2,000; val. bldgs., \$800; tot. mem., 60 vol.

Water Supply—Src., mountain str., $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 527,000 gals.; mains, c. l., 5 m., 4 to 10 in. dia.; 37 hyd.; 24 v.; met., 4; 201 serv.; pipe, galv. l.; pres., dom. 50 lbs., f. 65 lbs.; cost mtce., \$800; wks. owned by Co.

TIOGA, p. 533; f. area, 300 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1

hose car.; hose, cot., rub. lined, gd., 1,000 ft.; tot. mem., 100 vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav., pump to res.; res. cap., 1,000,000 gals.; loc. near village; 1 pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. l., 3½ m., 4 to 6 in. dia.; 18 hyd.; 31 v.; pipe, galv. i.; pres., dom. 65 lbs., f. 90 lbs.; cost, \$15,000; wks. owned by Co.

TITUSVILLE, p. 8,553; f. area, 1,500 a.; bldgs., bk. & wd., 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 h. & 1 trk., 2 hose wag., 2 hose car., 6 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,700 ft.; tot. hose, 4,700 ft.; f. al., bell; val. equip., \$13,700; val. bldgs., \$12,000; exp. dept., \$4,500; tot. mem., 24, pd. full time 3, pd. part time 21; undra. rating, second class.

Water Supply—Src., wells; sys., pump & dir.; pump. eng., cap. day, 7,500,000 gals.; mains, 25 m., 2 to 16 in. dia.; 125 hyd.; met., 75; 2,500 serv.; pres., dom. 70 lbs., f. 100 lbs.; cons. day, 1,700,000 gals.; cost, \$238,000; cost mtce., \$12,000; wks. owned by city.

TOWANDA, p. 4,281; f. area, 2 sq. m.; merc. bldgs., bk., 3 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 str., 1 c. eng., 2 c. hand ex., 1 h. & 1 trk., 5 hose car.; hose, cot., rub. lined, gd., 3,300 ft.; inf., 500 ft.; tot. hose, 3,800 ft.; f. al., Gamewell, 2 bx.; val. equip., \$8,000; exp. dept., \$600; tot. mem., 427 vol.

Water Supply—Src., spr.; sys., grav. to res.; res. cap., 750,000 gals.; mains, c. & wrt. i., 30 m., 4 to 12 in. dia.; 68 hyd.; met., 3; 1,021 serv.; pres., dom. 110 lbs., f. 110 lbs.; cost, \$195,000; wks. owned by Co.

TOWER CITY, p. 2,325; f. area, 300 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 c. eng., 2 hose car.; hose, cot., rub. lined, gd., 1,150 ft.; f. al., wh.; val. equip., \$1,000; exp. dept., \$500; tot. mem., 125 vol.

Water Supply—Src., mountain spr., 1½ m. bus. cent.; sys., grav. & pump to res.; res. cap., 15,000,000 gals.; loc. on mountain; 1 pump. eng., class comp., cap. day 500,000 gals.; mains, c. l., 9 m., 4 to 8 in. dia.; 5 hyd.; met., 5; pres., dom. 70 lbs., f. 70 lbs.; cost, \$65,000; cost mtce., \$800; wks. owned by priv. Co.

TRENTON, p. 2,067; f. area, 400 a.; merc. bldgs., wd. & bk., 2 to 4 stor.; priv., wd. & bk., 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 160 ft.; inf., 100 ft.; tot. hose, 1,300 ft.; f. al., wh.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$100; tot. mem., 86 vol.

Water Supply—Src., str., & spr.; sys., grav.; res. cap., 1,000,000 gals.; mains, 3¼ m., 4 to 6 in. dia.; 27 hyd.; pres., dom. 65 lbs., f. 75 lbs.; cost, \$32,000; cost mtce., \$200; wks. owned by Co.

TREVORTON, F. dept.—1 c. eng., 1 comb. hose wag., 1 h. & 1 trk., 1,000 ft. hose; f. al., bell; val. equip., \$5,000; exp. dept., \$200; vol.

Water Supply—Src., spr.; sys., pump dir.; stdp. cap., 450,000 gals.; 2 pump. eng., cap. day 250,000 gals.; 3 m. mains, 4 to 6 in. dia.; 130 hyd.; 8 v.; 60 lbs. pres.; cost, \$35,000; cost mtce., \$1,567; wks. owned by priv. Co.

TROY, p. 1,288; f. area, 200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$2,000; exp. dept., \$800; tot. mem., 50 vol.

Water Supply—Src., spr. & wells, 3 m. bus. cent.; sys., grav. & pump to res.; res. cap., 150,000 gals.; 1 pump. eng., cap. day 180,000 gals.; mains, iron, 6 m., 4 to 6 in. dia.; 40 hyd.; 16 v.; 300 serv.; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 100,000 gals.; cost, \$45,000; cost mtce., \$500; wks. owned by city.

TUNKHANNOCK, p. 1,598; f. area, 500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$17,000; exp. dept., \$250; tot. mem., 100 vol.

Water Supply—Src., spr., riv.; sys., grav.; res. cap., 800,000 gals.; mains, 6½ m.; 60 hyd.; 402 serv.; pres., f. 60 lbs.; cost, \$48,000; wks. owned by Co.

TURTLE CREEK, p. 4,995; f. area, 1,200 a.; merc. bldgs., bk., stn. & wd., 1 to 4 stor.; priv., bk., stn. & wd., 1 to 4 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 3 hose reels, 6 c. hand ex., 1 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 1,400 ft.; tot. hose, 2,400 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$300; tot. mem., 32 vol.

Water Supply—Src., Allegheny Riv., 7 m. bus. cent.; sys., pump to res., thence by 3 other distributing res.; res. cap., No. 1, 9,000,000 gals.; No. 2, 11,500,000 gals.; No. 3, 5,000,000 gals.; No. 4, 6,200,000 gals.; 3 pump. eng., comb. cap. day, 26,000,000 gals.; mains, c. l., 150 m., 4 to 42 in. dia.; 686 hyd.; over 2,200 v.; met., 13,100; 13,250 serv.; pipe, lead; pres., dom. 20 to 210 lbs., f. 35 to 210 lbs.; cons. day, 9,000,000 gals.; wks. owned by Pennsylvania Water Co.

TYRONE, p. 7,176; f. area, 1,300 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 str., 6 c. hand ex., 1 h. & 1 trk., 1 patrol trk., 2 hose wag., 6 hose car., 8 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 1,100 ft.; tot. hose, 5,600 ft.; f. al., wh.; val. equip., \$12,000; val. bldgs., \$11,000; exp. dept., \$1,450; tot. mem., 200 vol.

Water Supply—Src., Sink Run & Decker Hollow Run, 2½ m. bus. cent.; sys., grav.; res. cap., 30,000,000 gals.; mains, c. l., 20 m., 2 to 20 in. dia.; 500 hyd.; 23 v.; met., 5; 650 serv.; pipe, wrt. i. & lead; pres., dom. 120 lbs., f. 120 lbs.; cost, \$50,000; cost mtce., \$1,000; wks. owned by Co.

UNION CITY, p. 3,864; f. area, 1,000 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—6 c. hand ex., 1 h. & 1 trk., 2 hose wag., 6 hose car.; hose, cot., rub. lined, gd., 4,050 ft.; val. equip., \$25,000; val. bldgs., \$7,350; exp. dept., \$450; tot. mem., 237 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav. & pump dir.; 2 pump. eng., cap. day 1,080,000 gals.; mains, iron, 6 m., 6 to 12 in. dia.; 40 hyd.; 600 serv.; pres., dom. 48 lbs., f. 120 lbs.; cost, \$75,000; cost mtce., \$600; wks. owned by city.

UNIONTOWN, Fayette Co., p. 13,344; f. area, 1.8 sq. m.; merc. bldgs., stn., bk., conc., wd., 1 to 11 stor.; priv. bldgs., stn., bk., conc. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 comb. c. & h. wag., 3 hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose reel, 8 hrs.; hose, cot., rub. lined, gd., 3,800 ft.; inf., 500 ft.; tot. hose, 3,800 ft.; f. al., Gamewell, 34 bx.; val. equip., \$25,000; exp. dept., \$6,500; tot. mem., 110, pd. full time 6, vol. 104; undra. rating, second class.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 164,000,000 gals.; mains, c. l., 40 m., 4 to 12 in. dia.; 127 hyd.; met., 275; serv., 3,000; pipe, lead; pres., dom. 100 lbs., f. 100 lbs.; wks. owned by Co.

UPLAND, p. 2,221. No f. dept.; protection from Chester.

Water Supply—Src. (see Chester).

VANDERGRIFT, p. 3,876; f. area, 400 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—4 c. hand ex., 3 hose car., 2 c. eng., 1 h. & 1 trk.; hose, 2,600 ft.; f. al., wh.; val. equip., \$4,500; val. bldgs., \$5,000; exp. dept., \$600; 50 vol.

VANDERGRIFT HEIGHTS, p. 3,438; f. area, 40 a.; merc. bldgs., wd., 2 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; fwks. & combt. ord. F. dept.—2 hose car.; hose, 1,300 ft.; f. al., bells; val. equip., \$1,600; exp. dept., \$60; 42 vol.

Water Supply—Not reported.

VERONA, p. 2,849; f. area, 350 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 800 ft.; tot. hose, 1,300 ft.; f. al., elec., 3 bx.; val. equip., \$1,800; val. bldgs., \$560; exp. dept., \$200; tot. mem., 43 vol.; undra. rating, second class.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 3,000,000 gals.; loc. 400 ft. above pump; 3 pump. eng., class comp. dup., cap. day 850,000 gals.; mains, 23 m., 1 to 16 in. dia.; 32 hyd.; met., 410; pres., 60 to 150 lbs.; cons. day, 1-200,000 gals.; cost, \$300,000; wks. owned by Co. VLLANOVA, p. 226; f. area, 14½ a. F. dept.—1 auto. pump. eng., 1 auto. comb. c. & hose wag., 1 h. & l. trk., 1 hose car.; val. equip., \$12,500; exp. dept., \$1,500; tot. mem. 34, pd. full time 3, vol. 31.

Water Supply—Unlimited; sys., grav.; mains, 4 to 10 in. dia.; 9 hyd.; 55 lbs. pres.; wks. owned by priv. corporation.

WARREN, p. 11,080; f. area, 800 a.; merc. bldgs., bk. & wd., 2 to 6 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 8 c. hand ex., 1 auto. h. & l. trk., 1 h. & l. trk., 3 hose wag., 1 police trk., 1 hose cart, 8 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 750 ft.; tot. hose, 5,750 ft.; f. al., Gamewell elec., 22 bx.; val. equip., \$15,000; val. bldgs., \$25,000; exp. dept., \$6,500; tot. mem., 181, pd. part time 17, 164 vol.

Water Supply—Src., Morrison Run & Allegheny River, 1 & 4 m. bus. cent.; sys., grav. & dir.; res. No. 1 cap., 1,000,000 gals.; res. No. 2 cap., 3,000,000 gals.; 3 pump. eng., cap. day 7,000,000 gals.; mains, c. l., 30½ m., 4 to 14 in. dia.; 162 hyd.; 155 v.; met., 1,712; 2,770 serv.; pipe, lead & galv. i.; pres., dom. 60 to 70 lbs., f. 110 to 130 lbs.; cons. day, 1,150,000 gals.; cost, \$325,000; wks. owned by American Water Works & Guarantee Co. of Pittsburgh.

WASHINGTON, Washington Co., p. 18,778; f. area, 1,500 a.; merc. bldgs., bk. & stn., 3 stor.; priv., bk. & stn., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hose wag., 1 hand eng., 1 h. & l. trk., 5 hose car., 2 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; f. al., Gamewell, 31 bx.; val. equip., \$18,000; val. bldgs., \$5,000; exp. dept., \$1,000; tot. mem., 20, 5 pd. full time, 15 vol.; undrs. rating, second class.

Water Supply—Not reported.

WATERFORD, p. 724. F. dept.—1 hand eng., 2 hose carts, 2,000 ft. hose; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; res. cap., 150,000 gals.; mains, c. & wrt. l., 5½ m., 1½ to 6 in. dia.; 13 hyd.; 4 v.; 80 met.; 206 serv.; cons. day, 20,000 gals.; wks. owned by priv. Co.

WATSONTOWN, p. 1,950; f. area, 120 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 str., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 100 ft.; inf., 400 ft.; tot. hose, 2,500 ft.; f. al., bell, wh. & telp.; val. equip., \$3,000; val. bldgs., \$10,000; exp. dept., \$600; tot. mem., 60 vol.; undrs. rating, first class.

Water Supply—Src., spr.; sys., grav.; res. cap., 1,000,000 gals.; mains, c. l., 7 m., 4 to 10 in. dia.; 42 hyd.; 15 v.; met., 3; 400 serv.; pipe, galv.; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 200,000 gals.; wks. owned by Co.

WAYNE, p. 8,000. F. dept.—1 auto. comb. c. & b. wag., 1 auto. pump. eng., nozzles, axes, hooks, &c.; f. al., bell; val. equip., \$11,000; tot. mem., 260, 25 active, all vol.

Water Supply—Src., Springfield Water Co.; sys., grav.; unlimited supply; mains, 4 to 10 in. dia.; 29 hyd.; 60 lbs. pres.

WAYNESBORO, p. 7,199; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 h. & l. trk., 2 c. eng., 2 c. hand ex., 2 hose wag., 2 hose car., 6 hrs.; hose, cot., rub. lined, gd., 3,100 ft.; f. al., elec.; val. equip., \$15,000; val. bldgs., \$10,000; exp. dept., \$2,000; tot. mem., 150, pd. full time 2, 148 vol.

Water Supply—Src., spr. & creek, 7¼ m. bus. cent.; sys., grav.; res. cap., 1,500,000 gals.; mains, c. l., 26 m., 4 to 16 in. dia.; 49 hyd.; 175 v.; 8 met.; 2,000 serv.; pres., dom. 58 lbs., f. 65 lbs.; cost, \$200,000; cost mtce., \$1,500; wks. owned by Co.

WAYNESBURG, p. 8,545; f. area, 100 a.; merc. bldgs., wd. & bk., 1 to 4 stor.; priv., wd., 2

stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, rub., gd., 1,500 ft.; val. equip., \$2,000; val. bldgs., \$5,000; mem., vol.

Water Supply—Src., stms., 1½ m. bus. cent.; sys., grav. & pump to res.; res. cap., 1,250,000 gals.; 2 pump. eng.; cap. day, 3,000,000 gals.; mains, c. l., 11½ m., 4 to 10 in. dia.; 54 hyd.; 120 v.; met., 806; 1,200 serv.; pipe, lead; pres., dom. 140 lbs., f. 165 lbs.; cons. day, 100,000 gals.; cost, \$165,000; cost mtce., \$13,822; wks. owned by Co.

WEATHERLY, p. 2,501; f. area, 1,200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1½ to 2½ stor.; wd. rfs. perm. in f. a.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 comb. c. & hose wag., 1 hose wag.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh.; val. equip., \$6,000; val. bldgs., \$2,500; exp. dept., \$250; tot. mem., 60 vol.

Water Supply—Src., creek & spr., 2 m. bus. cent.; sys., grav.; res. cap., 700,000 gals.; mains, c. l., 7 m., 4 to 8 in. dia.; 45 hyd.; met., 4; 400 serv.; pres., f., 90 lbs.; cost, \$60,000; wks. owned by priv. Co.

WELLSBORO, p. 3,183; f. area, 10 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—4 c. hand ex., 2 h. & l. trk., 6 hose wag.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh., bell & telp.; val. equip., \$5,000; val. bldgs., \$12,000; exp. dept., \$600; tot. mem., 150 vol.

Water Supply—Spr., 7 to 15 m. bus. cent.; sys., grav.; res. cap., 17,000,000 gals.; mains, c. l., 9 m., 4 to 12 in. dia.; 76 hyd.; 60 v.; met., 40; 650 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 80 lbs.; cons. day, 250,000 gals.; cost, \$101,000; wks. owned by priv. Co.

WEST BETHLEHEM. Consolidated with the Borough of Bethlehem.

Water Supply—From the wks. of South Bethlehem; 32 hyd.; 2 m. pipes, 4 to 8 in. dia.; pres., 80 lbs.

WEST CHESTER, p. 11,767; f. area, 850 a.; merc. bldgs., bk., 1 to 4 stor.; priv., bk., 3 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 1 c. hand ex., 1 h. & l. trk., 2 comb. c. & h. wag., 3 hose reels; hose, cot., rub. lined, gd., 5,500 ft.; f. al., elec., 27 bx.; val. equip., \$14,500; val. bldgs., \$25,000; exp. dept., \$1,500; tot. mem., 1,250 vol.

Water Supply—Src., creek, 2 m. bus. cent.; sys., pump to res. & dir.; res. cap., 2,000,000 gals., loc. 1½ m. town; 3 pump. eng., class comp. cond., cap. day 4,800,000 gals.; mains, c. l., 20 m., 4 to 14 in. dia.; 235 hyd.; 130 v.; met., 21; 2,100 serv.; pipe, lead; pres., dom. 25 lbs., f. 35 lbs.; cons. day, 928,000 gals.; cost, \$240,000; cost mtce., \$4,500; wks. owned by borough.

WEST CONSHOHOCKEN, p. 2,202. F. dept.—2 hose wag., 8 c. ex.; hose, cot., rub. lined, gd., 1,150 ft.; f. al., bell; tot. mem., 146 vol.

Water Supply—Src., spr., ¾ m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals., loc. 260 ft. above town; 2 pump. eng.; mains, c. l., 4 to 8 in. dia.; 23 hyd.; 300 serv.; pres., dom. 50 to 125 lbs., f. 50 to 125 lbs.; wks. owned by Co.

WEST ELIZABETH. F. dept.—2 hose reels, 1 h. & l. trk., 500 ft. hose; f. al., bell; vol.

Water Supply—Stdp. cap., 1,000,000 gals.; sys., grav.; 10 hyd.; mains, 1 m., 8 in. dia.; pres., f. 165 lbs.; wks. owned by priv. corporation.

WEST FAIRVIEW. F. dept.—1 str., 1 c. eng., 1 h. & l. trk.; f. al., bell; val. equip., \$800; tot. mem., 60 vol.

No waterwks.

WESTFIELD, p. 1,207; f. area, 500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 800 ft.; tot. hose, 1,600 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$2,000; exp. dept., \$50; tot. mem., 37 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 625,000 gals.; mains, c. l., 5½ m., 3 to 8 in. dia.; 30 hyd.; 38 v.; met., 96; 276 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 80 lbs.; cost, \$27,500; cost mtce., \$100; wks. owned by city.

WEST GROVE, p. 1,261. F. dept.—1 comb. hose wag., 1 hose reel, 40 ft. hose; f. al., bell, 20 bx.; vol.

Water Supply—Stdp. cap., 125,000 gals.; sys., grav.; mains, 4 m., 4 to 6 in. dia.; 20 hyd.; wks. owned by city.

WEST HOMESTEAD, p. 3,200; f. area, 1 m. F. dept.—1 c. eng., 1 auto. comb. c., hose & ladder trk., 14 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 2,500 ft.; f. al., Gamewell, 13 bx.; val. equip., \$8,000; val. bldgs., \$16,000; tot. mem., 94 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump; 3 pump. eng., cap. day 70,000,000 gals.; mains, c. l., 3 m., 3 to 6 in. dia.; 16 hyd.; 16 v.; pres., dom. 110 lbs., f. 110 to 120 lbs.; wks. owned by borough.

WEST LEESPORT, p. 436; bldgs., stn., bk. & wd. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose car.; hose, 2,000 ft.; f. al., bell; tot. mem., 100 vol.

Water Supply—Src., riv. & wells; sys., pump.

WEST MIDDLESEX, p. 1,157; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 2 to 3 stor.; priv., bk., stn. & wd., 2 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 8 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 100 ft.; inf., 500 ft.; tot. hose, 1,600 ft.; val. equip., \$2,000; tot. mem., 40 vol.

Water Supply—Src., wells; sys., grav.; 1 pump. eng.; met., 190; pres., dom. & f., 180 lbs.; cost, \$16,000; cost mtce., \$250; wks. owned by city.

WEST NEWTON, p. 2,880; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area. F. dept.—1 c. eng., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; 3 pump. eng.; cap. day, 240,000 gals.; mains, iron, 2 to 10 in. dia.; 52 hyd.; met., 225; 400 serv.; pres., dom. 60 to 125 lbs., f. 125 lbs.; cons. day, 125,000 gals.; cost, \$60,000; wks. owned by Co.

WHITE HAVEN, p. 1,438; f. area, 200 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 ex. ladders, 1 h. & l. trk., 3 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$150; tot. mem., 30 vol.

Water Supply—Src., mountain strm., spr., riv. & wells; sys., pump to res.; res. cap., 4,000,000 gals.; 250 hyd.; pres., f. 80 lbs.; cost, \$21,574; cost mtce., \$1,031; wks. owned by city.

WICONISCO, p. 2,000; f. area not given; merc. bldgs., bk., 3 stor.; priv., wd., 3 stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—2 hose car., 2 hose wag.; hose, rub., gd., 300 ft.; cot., gd., 400 ft.; inf., 100 ft.; tot. hose, 700 ft.; tot. mem., 110.

Water Supply—Not reported.

WILCOX; merc. bldgs., wd. F. dept.—2 hose carts, 1 hose car.; hose, 1,000 ft.; f. al., wh.

Water Supply—Src., hyd.; sys., pump; 17 hyd.

WILKESBARRE, p. 67,105; f. area, 4 sq. m.; merc. bldgs., bk., 3 to 12 stor.; priv., wd., 2 to 7 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 str., 1 c. eng., 18 c. hand ex., h. & l. trk., 1 auto. comb. h. & c. wag., 2 aer. trk., 1 hose wag., 1 hose car., 5 comb. c. & h. wag., 31 hra.; hose, cot., rub. lined, gd., 17,500 ft.; inf., 1,000 ft.; tot. hose, 18,500 ft.; f. al., Gamewell, 112 bx.; val. equip., \$72,000; val. bldgs., \$155,000; exp. dept., \$65,000; tot. mem., 118, pd. full time 42, pd. part time 76.

Water Supply—Spring Brook Water Supply Co.

WILKINSBURG, p. 18,924; f. area, 1,000 a.; bldgs., bk., stn., wd., 1 to 6 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 auto. comb. c. & h. wag., 1 comb. c. & h. wag., 2 h. & l. trk., 2 reels, 2 hose car.; hose, cot., rub. lined, gd., 7,700 ft.; f. al., Gamewell, 29 bx.; val. equip., \$18,000; val. bldgs., \$20,000; exp. dept., \$11,500; tot. mem., 14 pd. men.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., pump to res. & dir.; res. cap., 31,000,000 gals.; 3 pump. eng., cap. day 26,000,000 gals.; mains, c. l., 150 m., 4 to 42 in. dia.; 500 hyd., 2,250 v.; 12,800 met.; 12,800 serv.; pipe, lead;

pres., dom. 25 to 210 lbs.; cost, \$2,850,000; wks. owned by Co.

WILLIAMSBURG, p. 1,523. F. dept.—1 hose reel, 1,000 ft. hose; f. al., elec., 3 bx.; tot. mem., 40 vol.

Water Supply—Stdp. cap., 1,000,000 gals.; sys., grav.; mains, 12 m., 4 to 12 in. dia.; 20 hyd.; wks. owned by city.

WILLIAMSPORT, p. 31,860; merc. bldgs., bk. & wd., 2 to 7 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 str., 1 auto. comb. c. & hose wag., 2 comb. c. & h. wag., 10 c. hand ex., 1 aer. trk., 4 hose reels, 1 chief's wag., 5 fuel & exercise wag., 24 hra.; hose, cot., rub. lined, gd., 10,950 ft.; f. al., telp.; val. equip., \$28,500; val. bldgs., \$49,200; exp. dept., \$28,000; tot. mem., 60, pd. full time 27, pd. part time 33.

Water Supply—Src., strm.; sys., grav., pump dir. in dry times; stdp. cap., 275,000 gals.; res. cap., 26,000,000 gals.; 3 pump. eng., cap. day 13,000,000 gals.; mains, 86 m., 8 to 24 in. dia.; 320 hyd.; 7,275 serv.; 829 v.; met., 100; pres., dom. 40 to 70 lbs.; cons. day, 6,000,000 gals.; cost, \$1,000,000; wks. owned by Co.

WILLIAMSTOWN, p. 2,904; bldgs., wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; exp. dept., \$2,000; tot. mem., 85 vol.

Water Supply—Src., creek, 2 m. bus. cent.; sys., grav.; res. cap., 210,000 gals.; mains, c. l., 10 m., 4 to 12 in. dia.; 38 hyd.; 36 v.; met., 1; 450 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 115 lbs.; wks. owned by priv. Co.

WILLOW GROVE, p. 397. F. dept.—4 c. hand ex., 1 hose reel, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,100 ft.; f. al., gong; val. equip., \$3,000; val. bldgs., \$4,000; exp. dept., \$400; tot. mem., 80 vol.

WILMERDING, p. 6,183; f. area, 300 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 50 c. hand ex., 1 h. & l. trk., 4 hose reels & carts; hose, cot., rub. lined, gd., 3,500 ft.; inf., 500 ft.; tot. hose, 4,000 ft.; f. al., bell & wh., 16 bx.; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$2,000; tot. mem., 45, pd. part time.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to stdp., dim. 30 x 36, mat. iron; 1 pump. eng., class trip., cap. day 500,000 gals.; mains, c. l.; 23 hyd.; 40 v.; met., 140; 140 serv.; pipe, lead; pres., dom. 140 lbs., f. 140 lbs.; cost, \$50,000; wks. owned by Co.

WINDBER, p. 9,000. F. dept.—1 auto. comb. c. & h. trk., 1 str., 1 h. & l. trk., 1 hose wag., 4 c. hand ex.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., elec., 12 bx.; val. equip., \$15,110; val. bldgs., \$10,000; tot. mem., 60 vol.

Water Supply—Src., creek, 1 m. bus. cent.; sys., grav.; stdp. cap., 40,000 gals.; mains, 20 m., 6 to 24 in. dia.; 40 hyd.; pres., f. 85 lbs.; wks. owned by priv. Co.

WOMELSDORF, p. 1,301; merc. bldgs., bk., 2 & 3 stor.; priv., bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 comb. c. & h. wag., 4 c. hand ex., 1 h. & l. trk., 1 hose car., 2 hra.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$7,500; exp. dept., \$350; tot. mem., 150 vol.

Water Supply—Src., strm., 2 m. bus. cent.; sys., grav.; res. cap., 300,000 gals.; mains, c. l., 8 m., 4 to 8 in. dia.; 33 hyd.; 30 v.; 25 met.; 540 serv.; pres., dom. 45 lbs., f. 110 lbs.; cons. day, 100,000 gals.; cost, \$80,000; cost mtce., \$400; wks. owned by priv. Co.

WOODLAWN, p. 8,000; f. area, 500 a. F. dept.—1 hose cart, 1 hand hose reel, 2 hand c. ex.; val. equip., \$6,000; exp. dept., \$1,200; tot. mem., 31 vol.

Water Supply—Src., wells, in bus. cent.; sys., grav. & dir. pres.; 4 pump. eng., cap. day 1,600,000 gals.; 114 hyd.; 700 serv.; mains, 7 m.; pres., dom. & f., 165 lbs.; wks. owned by priv. Co.

WRIGHTSVILLE, p. 2,051; f. area, 16 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 23 c. hand

ex., 3 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 197 vol.

Water Supply—Src., spr.; sys., grav.; mains, 10 m.; 25 hyd.; 115 serv.; wks. owned by Co.

WYALUSING, p. 580. F. dept.—2 hose reels, 1 comb. c. & h. wag., 1 h. & l. trk., 1,000 ft. hose; f. al., bell, 3 bx.; tot. mem., 11 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; mains, 3 m., 4 to 8 in. dia.; 10 hyd.; pres., 60 lbs.; wks. owned by priv. corporation.

WYNNEWOOD. No org. f. dept.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; mains, 4 to 10 in. dia.; 8 hyd.; pres., 45 lbs.; wks. owned by priv. corporation.

WYOMING, p. 2,010; f. area, 23 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., elec., 14 bx.; val. equip., \$2,000; val. bldgs., \$5,000; tot. mem., 126 vol.

Water Supply—Src., spr., brooks; 17 hyd.

WYOMISSING, p. 985; f. area, 540 a.; merc. bldgs., bk., 3 to 5 stor.; priv., bk. & cem., 2 to 3 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. are not inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 2 hrs.; hose, rub. lined, gd., 500 ft.; f. al., wh.; val. equip., \$2,500; tot. mem., 130 vol.

Water Supply—Not reported.

YORK, p. 44,750; merc. bldgs., bk., 1 to 6 stor.; priv., stn., bk. & wd., 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 str., 1 c. eng., 14 c. hand ex., 1 aer. trk., 1 hose wag., 6 comb. c. & h. wag., 33 hrs.; hose, cot., rub. lined, gd., 14,500 ft.; rub. gd., 2,200 ft.; tot. hose, 16,800 ft.; f. al., elec., 49 bx.; val. equip., \$42,500; val. bldgs., \$75,000; exp. dept.,

\$16,750; tot. mem., 1,532, pd. full time 14, vol. 1,518.

Water Supply—Src., riv., 4 m. bus. cent.; sys., impounding basin, cap. 910,000,000 gals., pump to fountain & res.; res. cap., 35,000,000 gals., filtered water; res. cap., 23,000,000 gals.; 2 pump. eng., class trip., cap. day 10,000,000 gals.; mains, c. l., 83 m., 4 to 30 in. dia.; 350 hyd.; 14,041 serv.; 498 met.; 1,135 v.; pipe, galv. l. & lead; pres., dom. & f. 70 to 90 lbs.; cons. day, 3,378,967 gals.; cost, \$2,000,000; wks. owned by Co.

YOUNGSVILLE, p. 1,406. F. dept.—1 str., 1 h. & l. trk., 1,500 ft. hose; tot. mem., 50 vol.

Water Supply—Src., creek, unlimited supply.

YOUNGWOOD, p. 1,881. F. dept.—3 c. hand ex., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 400 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$7,000; exp. dept., \$400; tot. mem., 100 vol.

Water Supply—Src., Chestnut Ridge, 15 m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; mains, 115 m., 4 to 24 in. dia.; 15 hyd.; 40 v.; met., 475; pres., dom. 140 lbs., f. 140 lbs.; cons. day, 50,000 gals.; wks. owned by priv. Co.

Places with a population of 1,000 or more having no organized fire dept.—Burgettstown, Polk, Stratford.

Places with a population of 1,000 or more not reported: Ambridge, Arnold, Audenried, Avalon, Avonmore, Bath, Bartville, Bentleyville, Bridgeville, Bridgewater, Cecil, Clifflord, Coalale, Donora, Dormont, Dorrance, Dorranceton, Dunbar, Duryea, E. Conemaugh, E. Washington, Elliott, Ford City, Haverford, Hegins, Larksville, Leetsdale, Lemoyne, McKees Rocks, Marcus Hook, Munhall, Newberry, North Braddock, Roscoe, Royaltown, Saxton, Shinglehouse, Sheridan, Springdale, Sugar Grove, Upland, West Hazleton, West Pittston, Zellenople.

RHODE ISLAND

ARCTIC, p. 5,000; f. area, 300 a.; merc. bldgs., wd., 1 to 5 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 2 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., bell, 27 bx.; val. equip., \$1,500; val. bldgs., \$4,000; tot. mem., 39, pd. full time.

Water Supply—Src., pond; sys., grav.; stdp. cap., 470,000 gals.; res. cap. 350,000,000 gals.; mains, 18 m., 4 to 18 in. dia.; 200 hyd.; pres., f. 95 lbs.; wks. owned by Co.

BARRINGTON, p. 1,135; merc. bldgs., wd.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv.

Water Supply—Src., from Warren waterwks; sys., pump; 10 m. pipe, 4 to 10 in. dia.; met., 90; pres., 40 to 50 lbs.; wks. owned by Co.

BLOCK ISLAND, p. 1,400; merc. bldgs., wd., 2½ stor.; priv., wd., 1½ stor. F. dept.—1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 2,500 ft.; tot. hose, 3,500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 50 vol.

Water Supply—Src., pond; sys., grav.; mains, wrt. l., 1½ m., 6 in. dia.; 12 hyd.; 5 v.; 40 serv.; pipe, galv. l.; cost, \$18,000; cost mtce., \$500; wks. owned by city.

BRISTOL, p. 8,565; f. area, 3,240 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hand eng., 14 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 4 hose reels; hose, owned by town, cot., rub. lined, gd., 3,500 ft.; inf., 850 ft.; tot. hose, 4,350 ft.; by priv. corporation, 7,000 ft.; f. al., wh.; val. equip., \$10,000; val. bldgs., \$14,000; exp. dept., \$2,000; tot. mem., 190 vol.

Water Supply—Src., riv.; sys., pump to res. & to stdp.; stdp. cap., 470,000 gals.; 2 pump. eng., cap. day 4,000,000 gals.; mains, 24 m., 4 to 16 in. dia.; 105 hyd.; 45 met.; pres., dom. 50 to 70 lbs., f. 75 lbs.; cost, \$290,000; wks. owned by Co.

CENTERVILLE, merc. bldgs., wd. F. dept.—1 h. & l. trk., 2 hose car.; hose, 1,500 ft.; f. al., elec.; exp. dept., \$90; tot. mem. 24, pd. full time 19, vol. 5

Water Supply—Src., pond, 5 m. bus. cent.; sys., grav.

CENTRAL FALLS, p. 22,754; f. area, 1,200 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & h. wag., 1 str., 1 hand eng., 14 c. hand ex., 1 h. & l. trk., 3 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 9,150 ft.; f. al., Gamewell, 42 bx.; val. equip., \$35,000; val. bldgs., \$20,000; exp. dept., \$15,500; tot. mem., 82, pd. full time 10, pd. part time 22.

Water Supply—Supplied by Pawtucket; sys., grav.; mains, iron, 17 m., 4 to 12 in. dia.; 109 hyd.; pres., f. 100-108 lbs.; wks. owned by city.

CRANSTON, p. 21,107; f. area, about 10 m.; bldgs., wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 stn. eng., 7 hand eng., 10 c. ex., 3 h. & l. trk., 10 hose car., 1 supply wag.; hose, cot., gd., 8,800 ft.; inf., 200 ft.; tot. hose, 9,000 ft.; val. equip., \$8,500; val. bldgs., \$12,000; exp. dept., \$1,200; tot. mem., 400 vol.

Water Supply—Src., from city of Providence.

CUMBERLAND, p. 10,107. F. dept.—1 h. & l. trk., 2 hand ex., 2 hose carts; f. al., wh.; tot. mem., 85 vol.

EAST GREENWICH, p. 3,420; f. area, 1,500 a.; merc. bldgs., bk. & wd., 3 & 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. ord. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car.; hose, rub. gd., 3,000 ft.; f. al., bell; exp. dept., \$150; tot. mem., 60 vol.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 129,500 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 17 m., 5 to 10 in. dia.; 74 hyd.; 75 v.; met., 60; 671 serv.; pres., dom. 30 lbs., f. 200 lbs.; cost, \$200,000; cost mtce., \$4,000; wks. owned by Co.

EAST PROVIDENCE, p. 15,808; f. area, 2,000 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 comb. auto. f. trk. with 85-gal. tk., 250 ft. 1-in. hose, 1,000 ft. 2½-in. hose, 3 ladders, 1 auto. str., 7,000 ft. 2½-in. hose, 19 c. hand ex., 8 hose reels, 3 hose

carts, 3 h. & 1 trk.; f. al., bell & wh., 11 bx.; val. equip., \$10,000; val. bldgs., \$12,000; exp. dept., \$5,000; tot. mem., 350 vol.

Water Supply—Src., riv., 4 m. bus. cent.; sys., pump dir.; stdp. cap., 1,000,000 gals., dim. 50 x 70; 8 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 12½ m., 4 to 12 in. dia.; 128 hyd.; met., 900; pres., dom. 100 lbs., f. 150 lbs.; cons. day, 1,750,000 gals.; cost, \$510,000; wks. owned by Co.

GREENVILLE, p. 950; f. area, 1,280 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1½ stor.; shingle rfs. used; no fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose car., 1 h. & 1 trk.; hose, cot., gd., 350 ft.; rub., gd., 650 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,200; tot. mem., 50 vol.

Water Supply—Src., wells & cisterns.

HARRISVILLE, p. 1,000; f. area, 520 a. F. dept.—1 hose cart, 600 ft. hose; val. equip., \$500; tot. mem., 20 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; 2 pump. eng.; mains, 3 m.; 23 hyd.; pres., dom. 100 lbs., f. 100 lbs.; wks. owned by priv. Co.

JAMESTOWN, p. 1,337; f. area, 1,280 a.; merc. bldgs., wd., 1 to 2½ stor.; priv., wd., 1 to 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 8 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,300 ft.; rub., gd., 200 ft.; inf., 600 ft.; tot. hose, 3,100 ft.; f. al., elec., 6 bx.; val. equip., \$17,500; val. bldgs., \$1,000; exp. dept., \$2,100; tot. mem., 52, pd. full time 2, vol. 50.

Water Supply—Src., 2 res. & wells; sys., pump to stdp.; stdp. cap., 565,000 gals.; mains, 15 m., 4 to 10 in. dia.; 84 hyd.; wks. owned by Co.

JOHNSTON, p. 5,935. F. dept.—1 str., 1 hose cart; tot. mem., 15 vol.

MANVILLE, p. 5,000; f. area, 360 a. F. dept.—3 hose carts, 1 h. & 1 trk., 6 c. hand ex.; val. equip., \$3,785; exp. dept., \$1,900; tot. mem., 25 vol.; undra. rating, second class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; mains, 1 m.; 33 hyd.; 66 v.; 6 serv.; pres., dom. 75 lbs., f. 85 lbs.; cost, \$990; wks. owned by village.

NARRAGANSETT PIER, p. 1,200; f. area, 1,200 a.; merc. bldgs., wd., 1 to 8 stor.; priv., wd. & bk., 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 1 auto. comb. c. & h. wag., 6 c. hand ex., 1 hose wag., 3 hose reels, 3 hrs.; hose, rub. lined, gd., 2,500 ft.; f. al., Gamewell, 7 bx.; val. equip., \$10,700; exp. dept., \$400; tot. mem., 48 vol.

Water Supply—Src., brook & spr., 5 m. bus. cent.; sys., pump to stdp.; stdp. cap., 370,000 gals., dim. 30 x 70, mat. wrt. i.; res. cap., 40,000,000 gals.; 4 pump. eng., cap. day 3,500,000 gals.; mains, c. i., 18 m., 4 to 12 in. dia.; 156 hyd.; 980 serv.; 161 met.; pipe, lead; pres., dom. 85 lbs., f. 85 lbs.; cons. day, 530,000 gals.; cost, \$365,000; cost mtce., \$10,000; wks. owned by Co.

NATICK, p. 2,825; bldgs., wd. & bk., 1 to 3 stor.; no fwks. ord. F. dept.—1 hand eng., 1 hose car.; hose, fair, 2,500 ft.; mem., vol.; undra. rating, first class.

Water Supply—Src., wells & cisterns.

NEWPORT, p. 27,149; f. area, 3,840 a.; merc. bldgs., bk., stn. & wd., 1 to 5 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—5 str., 2 comb. c. & h. wag., 19 c. hand ex., 2 h. & 1 trk., 3 hose wag., 4 hose car., 22 hrs.; hose, cot., rub. lined, gd., 12,000 ft.; fair, 1,000 ft.; inf., 1,050 ft.; tot. hose, 14,050 ft.; f. al., bells & wh., 61 bx.; val. equip., \$70,748; val. bldgs., \$70,123; exp. dept., \$59,000; tot. mem., 143, pd. full time 24, pd. part time 119.

Water Supply—Src., brooks, 1 to 5 m. bus. cent.; sys., grav. & pump to res.; res. cap., 8,000,000 gals.; pump. eng., cap. day 6,500,000 gals.; mains, 31.32 m., 4 to 36 in. dia.; 307 hyd.; 405 v.; met., 110; 5,623 serv.; pipe, iron; pres., dom. 62 lbs., f. 62 lbs.; cost, \$1,800,000; cost mtce., \$20,000; wks. owned by Co.

NEW SHOREHAM; bldgs., wd. F. dept.—1 hand eng., 1 hose car.; hose, 1,000 ft.; vol.

Water Supply—Src., pond; sys., grav.

NORTH KINGSTON, p. 4,408. F. dept.—1 h. & 1 trk., 1 hand eng., 2 hose carts; f. al., bell; tot. mem., 100 vol.

NORTH PROVIDENCE, p. 5,407. F. dept.—1 hand eng., 1 c. eng., 1 h. & 1 trk., 1 hose wag., 4 hose reels, 2,700 ft. hose; val. equip., \$1,500; val. bldgs., \$5,000; tot. mem., 7 vol.

Water Supply—Not reported.

PASCOAG, p. 3,000; merc. bldgs., stn. & wd., 2½ to 4½ stor.; priv., wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & 1 hand trk., 3 hand hose car., 6 c. ex.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., Gamewell, 6 bx.; tot. mem., 44 vol.

Water Supply—Src., spr., sys., pump to stdp.; stdp. cap., 250,000 gals.; stdp. dim., 20 x 100; pump. eng., situated near congested district; cap. min., 800 gals.; mains, 12 m., 6 to 14 in. dia., principally 12 & 14 in. dia.; 56 hyd.; pres., dom. 80 lbs., f. 90 to 110 lbs.; wks. owned by Co.

PAWTUCKET, p. 51,622; f. area, 5,700 a.; merc. bldgs., wd. & bk., 2 to 6 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 hand eng., 7 comb. c. & h. wag., 30 c. hand ex., 2 h. & 1 trk., 1 aer. trk., 1 hose wag., 10 hrs.; hose, cot., rub. lined, gd., 12,500 ft.; f. al., Gamewell, 135 bx.; val. equip., \$75,000; val. bldgs., \$180,000; exp. dept., \$68,335; tot. mem., 58, pd. full time 32, pd. part time 6; undra. rating, first class.

Water Supply—Src., strum., 8 m. bus. cent.; sys., pump. to res. & dir.; res. cap., 20,000,000 gals.; 4 pump. eng., cap. day, 27,000,000 gals.; mains, c. i., 189 m., 4 to 36 in. dia.; 1,143 hyd.; 1,480 v.; met., 10,100; 11,500 serv.; pipe, tarred i.; pres., dom. & f. 65 to 130 lbs.; cons. day, 7,000,000 gals.; cost, \$3,000,000; cost mtce., \$55,000; wks. owned by city.

PHENIX, p. 2,194; f. area, 1,240 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 1½ & 2½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—5 c. hand ex., 1 hose wag., 2 hose reels, hose, cot., rub. lined, gd., 2,500 ft.; f. al., elec., 18 bx.; val. equip., \$2,000; val. bldgs., \$5,000; tot. mem., 58 vol.

Water Supply—Src., brook & spr., 3½ m. bus. cent.; sys., grav.; res. cap., 235,000,000 gals.; mains, iron, 20 m., 4 to 16 in. dia.; 175 hyd.; met., 100; 700 serv.; pipe, lead; pres., dom. 24 lbs., f. 96 lbs.; wks. owned by priv. Co.

PROVIDENCE, p. 224,326; f. area, 11,705 a.; merc. bldgs., stn., bk. & wd., 2 to 12 stor.; priv., stn., bk. & wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—14 str. (3 in reserve), 5 h. & 1 trk. (1 in reserve), 68 c. hand ex., 5 aer. trk. (1 in reserve), 8 hose wag., 14 comb. c. & h. wag., 1 chief's auto., 8 chief's wag. (2 in reserve), 1 fuel wag., 27 exercise wag., 1 water tower in reserve, 103 hrs.; hose, 39,500 ft.; f. al., elec., 481 bx.; val. equip., \$240,604; val. bldgs., \$618,570; exp. dept., \$410,483; tot. mem., 311, pd. full time.

Water Supply—Src., riv., 6 m. bus. cent.; sys., pump to res. & dir.; res. cap., 156,000,000 gals.; 6 pump. eng., class vert. & trip., cap. day 49,000,000 gals.; mains, c. i., 390.14 m., 6 to 42 in. dia.; 2,357 hyd.; 4,328 v.; met., 26,254; 29,261 serv.; pipe, lead & c. i.; pres., dom. 64 to 73 lbs., f. 114 lbs.; cons. day, 17,000,000 gals.; cost, \$6,862,972; cost mtce., \$225,661; wks. owned by city.

RIVERPOINT, merc. bldgs., stn. & wd. F. dept.—9 c. hand ex., 3 hose wag.; hose, 5,000 ft.; f. al., elec.; tot. mem., 45, pd. \$25 year.

Water Supply—Src., lake; sys., grav.; res. cap., unlimited

SMITHFIELD, p. 2,739; f. area, 2 a.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. ord.; f. inv. F. dept.—1 hose car.; hose, linen lined, gd., 600 ft.; unlined, 600 ft.; tot. hose, 1,200 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., well, cisterns & mill ponds.

TIVERTON, p. 4,800. F. dept.—1 auto. c. eng., 1 c. eng.; val. equip., \$4,500; vol.

No waterwks.

VALLEY FALLS, p. 5,000; f. area, 960 a.; merc. bldgs., wd., 2 to 4 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. ord. F. dept.—3 c. ex., 1 h. & 1, 1 aer. trk., 2 hose car.; cot. hose,

1,600 ft.; inf., 100 ft.; tot. hose, 1,700 ft.; f. al., wh. val. equip., \$3,000; val. bldgs., \$12,000; mem., 50 vol.

Water Supply—Src., from city of Pawtucket.

WAKEFIELD, p. 2,170; f. area, 1,600 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 16 c. hand ex., 1 hand eng., 2 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 100 ft.; tot. hose, 2,600 ft.; f. al., wh. & bell; val. equip., \$5,500; val. bldgs., \$3,000; exp. dept., \$1,000; tot. mem., 125 vol.

Water Supply—Src., brook, 5 m. bus. cent.; sys., pump to stdp.; stdp. cap., 370,000 gals.; res. cap., 40,000,000 gals.; 3 pump. eng., cap. day, 3,000,000 gals.; mains, 17.6 m., 4 to 12 in. dia.; 133 hyd.; met., 100; 790 serv.; pres., dom. 80 lbs., f. 80 lbs.; wks. owned by Co.

WARREN, p. 6,585. F. dept.—1 str., 1 hand eng., 3 c. hand ex., 1 h. & l. trk., 4 hose carts; f. al., wh.; 80 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 470,000 gals., dim. 40 x 50, mat. iron; res. cap., 600,000,000 gals.; 2 pump. eng., cap. day, 4,000,000 gals.; mains, c. l., 20 m., 4 to 16 in. dia.; hyd., 67; pres., f. 70 lbs.; wks. owned by Co.

WARWICK, p. 26,629; f. area, 800 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 3 stor.; wd. rfs. perm. in f. area; fwks. ord. F. dept.—2 h. & l. trk., 4 c. hand ex., 1 hose wag., 5 hose car.; hose, rub. gd., 2,500 ft.; f. al., bell, 33 bx.; val. equip., \$2,000; val. bldgs., \$4,000; exp. dept., \$3,000; tot. mem., 48, pd. part time.

Water Supply—Src., spr. & lake, 5 m. bus. cent.; sys., grav.; stdp. dim., 40 x 50, mat. iron; res. cap., 300,000,000 gals., loc. West Greenwich; mains, c. l., 4 to 18 in. dia.; 200 hyd.; 1,000 serv.; pipe, lead & galv. i.; pres., dom. 100 lbs., f. 100 lbs.; wks. owned by Co.

W. BARRINGTON, p. 1,500; bldgs., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. No org. f. dept.

Water Supply—Src., res., 5 to 8 m. bus. cent.; sys., pump to res.; res. cap., 450,000,000 gals.; mat., wd., 2 pump. eng., cap. day, 4,000,000 gals.; mains, wd. & l., 2½ m., 4 to 12 in. dia.; 12 v.; 110 serv.; 110 met.; pipe, lead & i.; pres., dom. 30 lbs.; cost, \$20,000; cost mtce., \$850; wks. owned by Co.

WESTERLY, p. 8,696; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—2 str., 10 c. hand ex., 1 h. & l. trk., 2 hose wag., 4 hose reels, 1 c. tk.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 1,500 ft.; tot. hose, 6,500; f. al., bell, 23 bx.; val. equip., \$25,000; val. bldgs., \$14,000; exp. dept., \$3,000; tot. mem., 135 vol.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump to stdp.; 2 stdp., cap. 350,000 gals.; dim., 70 x 30; mat., wrt. i. & conc.; 3 pump. eng., class vert. comp., cap. day 4,000,000 gals.; mains, c. l., 37.38 m., 4 to 16 in. dia.; 194 hyd.; 245 v.; 1,700 met.; 1,934 serv.; pipe, lead & iron; pres., dom. 75 to 92 lbs., f. 75 to 92 lbs.; cons. day, 794,000 gals.; cost, \$375,296; cost mtce., \$23,377; wks. owned by town.

WICKFORD, p. 1,100; f. area, 640 a.; bldgs., wd., 1 to 3 stor.; wd. rfs. perm.; fwks. ord. F. dept.—2 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., gd., 2,000 ft.; tot. mem., 90 vol.; f. al., bell; val., equip., \$6,000; val. bldgs., \$1,500.

Water Supply—Src., wells & salt water.

WOONSOCKET, p. 38,125; f. area, 5,632 a.; merc. bldgs., wd., bk. & stn., 4 to 6 stor.; priv., wd., 4 to 6 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 3 comb. c. & hose wag., 18 c. hand ex., 2 h. & l. trk., 1 aer. trk., 1 hose wag., 16 hrs.; hose, cot., rub. lined, gd., 15,000 ft.; f. al., Gamewell, 96 bx.; val. equip., \$44,000; val. bldgs., \$26,900; exp. dept., \$60,000; tot. mem., 80, pd. full time 47, pd. part time 33.

Water Supply—Src., brook, 5 m. bus. cent.; sys., pump to stdp.; stdp. cap., 1,978,795 gals.; mat., iron; res. cap., 529,000,000 gals., loc. Sayles Hill Road; 4 pump. eng., cap. day 9,750,000 gals.; mains, c. l., 60 m., 4 to 20 in. dia.; 691 hyd.; 721 v.; 3,850 met.; 3,800 serv.; pipe, lead; pres., dom. & f. 50 to 120 lbs.; cons. day, 1,600,000 gals.; cost, \$1,100,000; cost mtce., \$23,000; wks. owned by city.

Places of 1,000 or more population having no organized fire dept.—Anthony, Ashton, Burrville, Coventry, Drownville, Gloucester, Hope Valley, Hopkinton, Lincoln, Little Compton, Lonsdale, Portsmouth, Richmond, Scituate.

Places of 1,000 or more population not reported—Chepachet, Middletown, Saylesville.

SOUTH CAROLINA

ABBEVILLE, p. 4,459; f. area, 800 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—2 c. hand ex., 1 h. & l. trk., 4 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. bldgs., \$4,000; tot. mem., 150 vol.

Water Supply—Src., wells & res.; sys., pump to stdp.; stdp. cap., 165,000 gals.; res. cap., 250,000 gals.; 54 pump. eng., cap. day 1,000,000 gals.; mains, 7 m.; 55 hyd.; met., 120; pres., f. 150 lbs.; cost, \$30,000; wks. owned by city.

AIKEN, p. 3,911; f. area, 1,500 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell, 10 bx.; val. equip., \$4,000; val. bldgs., \$3,000; exp. dept., \$300; tot. mem., 40, pd. full time 1, vol. 39; undra. rating, second class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 180,000 gals., dim. 120 x 16; mat., iron; res. cap., 100,000 gals.; 3 pump. eng., class hor. cap. day 648,000 gals.; mains, c. l., 19 m., 4 to 10 in. dia.; 82 hyd.; met., 260; 200 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 150 lbs.; daily cons., 190,000 gals.; cost, \$90,000; wks. owned by city.

ANDERSON, p. 9,654; f. area, 2,560 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 5 hose car., 6 hrs.; hose, cot., rub. lined, gd., 3,900 ft.; f. al., bell & telp.; val. equip., \$8,000; val. bldgs.,

\$10,000; exp. dept., \$2,000; tot. mem., 120, pd. full time 2, pd. part time 118.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 200,000 gals., dim. 18 x 100; mat., wrt. i.; res. cap., 950,000 gals., loc. 5,000 ft. bus. cent.; 4 pump. eng., cap. day 5,184,000 gals.; mains, c. l., 18½ m., 4 to 10 in. dia.; 180 hyd.; 783 met.; 938 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 500,000 gals.; cost, \$163,211; wks. owned by Co.

BAMBERG, p. 1,937; f. area, 20 a.; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 2 c. ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$600; tot. mem., 30 vol.

Water Supply—Src., 5 cisterns & artesian wells; sys., pump to stdp.; stdp. cap., 75,000 gals.; res. cap., 85,000 gals.; 2 pump. eng., cap. day 72,000 gals.; mains, 1,600 ft., 10 in. dia.; 6 hyd.; cost, \$8,000; wks. owned by city.

BARNWELL, p. 1,324. F. dept.—1 c. hand ex.; hose, cot., rub. lined, gd., 200 ft.; f. al., bell; tot. mem., 15 vol.

No waterwks.

BATESBURG, p. 1,995. F. dept.—2 hose carts, 1,000 ft. hose; f. al., wh.; tot. mem., 30 vol.

Water Supply—Src., well; sys., pump dir. & grav.; res. cap., 60,000 gals.; 1 pump, cap. day 108,000 gals.; mains, ½ m., 6 to 8 in. dia.; pres., 40 lbs.; 10 hyd.

BEAUFORT, p. 2,466; f. area, 120 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.;

wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 str., 1 h. & 1 trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,800 ft.; inf., 400 ft.; tot. hose, 2,700 ft.; f. al., bell; val. equip., \$6,200; val. bldgs., \$3,500; exp. dept., \$320; tot. mem., 75, pd. part time 1, vol. 74.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., grav.; stdp. cap., 120,000 gals., dim. 90x15; mat., stl.; 2 pump. eng., cap. day, 500,000 gals.; mains, c. i., 3 m., 4 to 8 in. dia.; 26 hyd.; 8 v.; met., 84; pres., dom. 40 lbs., f. 50 to 100 lbs.; cons. day, 35,000 gals.; cost, \$15,000; cost mtce., \$4,000; wks. owned by city.

BELTON, p. 1,652; f. area, 10 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; 1 hose wag., 1 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; rub., gd., 200 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$2,100; val. bldgs., \$150; tot. mem., 16 vol.; undra. rating, third class.

Water Supply—Src., deep wells, near public square; sys., pump to stdp.; stdp. cap., 160,000 gals.; mat., conc.; res. cap., 160,000 gals.; 2 pump. eng., class elec., cap. day 80,000 gals.; mains, c. i., $1\frac{1}{2}$ m., 6 to 10 in. dia.; pipe, c. i.; pres., dom. 65 lbs., f. 65 lbs.; wks. owned by city.

BENNETTSVILLE, p. 2,646; f. area, 1,000 yds. Court House; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1, 2 & 3 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 h. & 1 trk., 1 comb. c. & h. wag., 1 hose wag., 1 hose car.; 1 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 500 ft.; tot. hose, 2,000 ft.; f. al., wh. & bell; val. equip., \$2,500; val. bldgs., \$200; tot. mem., 24 vol.; undra. rating, third class.

Water Supply—Src., 8 wells, $\frac{3}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; mat., stl. & wrt. i.; res. cap., 800,000 gals.; 2 pump. eng., cap. day, 2,160,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 73 hyd.; 300 met.; pres., dom. 75 lbs., f. 125 lbs.; cons. day, 175,000 gals.; wks. owned by city.

BISHOPVILLE, p. 1,659. F. dept.—1 hrs., 1 hose wag.; hose, 600 ft.; f. al., bell; tot. mem., 24 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 75,000 gals.; 2 pump. eng., cap. day 720,000 gals.; mains, 1-15 m., 6 to 10 in. dia.; 34 hyd.; pres., dom. 57 lbs., f. 120 lbs.

BLACKVILLE, p. 1,278; f. area, 1 sq. m.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 gasoline eng., 1 hose car., 1 hand eng., 2 c. eng., 10 c. ex., 1 h. & 1 trk., 1 hose wag., 4 hrs., buckets, &c.; hose, rub., 1,100 ft.; val. equip., \$3,000; val. bldgs., \$1,500; f. al., pistol; tot. mem., 35 vol.; undra. rating, fourth class.

Water Supply—Src., wells, pumps.

BRANCHVILLE, p. 1,471; merc. bldgs., bk. & wd. F. dept.—1 hand eng., 1 h. & 1 trk., 1 hose car.; hose, 500 ft.

Water Supply—Src., wells.

CAMDEN, p. 3,569; f. area, 20 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 2 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 16,000 ft.; inf., 150 ft.; tot. hose, 16,150 ft.; f. al., Gamewell, 12 bx.; val. bldgs., \$4,000; exp. dept., \$2,000; small, pd. company, 1 chief.

Water Supply—Src., spr., $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 110,000 gals., dim. 20 x 35; mat., wd. & iron; res. cap., 550,000 gals.; 2 pump. eng., class trip., cap. day 72,000 gals.; mains, c. i., 10 m., 4 to 10 in. dia.; 55 hyd.; 29 v.; 654 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 125 lbs.; cons. day, 150,000 gals.; cost, \$72,819.48; wks. owned by Co.

CHARLESTON, p. 53,883; f. area, $4\frac{1}{2}$ sq. m.; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—10 str., 1 auto. pump. eng., 1 auto. comb. c. & h. wag. & tractor, 1 c. eng., 2 h. & 1 trk., 24 c. hand ex., 1 aer. trk., 7 hose wag., 1 comb. wag., 3 hose car., 24 hrs.; hose, cot., rub. lined, gd., 14,600 ft.; inf., 1,400 ft.; tot. hose, 16,000 ft.; f. al., Gamewell, 118 bx.; val. equip., \$102,792; val. bldgs., \$57,000; exp. dept.,

\$75,000; tot. mem. 94, pd. full time 65, pd. part time 29.

Water Supply—Src., creek, 11 m. bus. cent.; sys., pump dir.; res. cap., 8,127,820,000 gals., loc. near pump. station; 5 pump. eng., cap. day 12,000,000 gals.; mains, c. i., 60 m., 4 to 24 in. dia.; 630 hyd.; 1,000 v.; met., 300; 5,000 serv.; pipe, lead & galv. i.; pres., dom. 40 lbs., f. 50 lbs.; cons. day, 5,000,000 gals.; wks. owned by priv. Co.

CHESTER, p. 4,754. F. dept.—1 hand eng., 1 h. & 1 trk., 4 hose reels & hose wag.; hose, cot., rub. lined, gd., 2,800 ft.; rub., gd., 500 ft.; tot. hose, 3,300 ft.; tot. mem., 25, pd.; undra. rating, second class.

Water Supply—Src., creek, $2\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals.; res. cap., 350,000 gals.; 2 pump. eng., cap. day, 100,000,000 gals.; mains, $7\frac{1}{2}$ m., 4 to 8 in. dia.; 90 hyd.; 400 met.; 500 serv.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 300,000 gals.; cost, \$70,000; wks. owned by city.

CLIFTON, p. 1,600; bldgs., bk. & wd., 2 to 4 stor.; wd. rfs. not perm. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 3,500 ft.; f. al., bell; tot. mem., 18, pd. part time.

Water Supply—Src., riv.; sys., pump to res. & dir.; res. cap., 92,000 gals.; pump. eng., cap. day 8,150,000 gals.; mains, 8 in. dia.; 16 hyd.; pres., dom. 75 lbs., f. 150 lbs.; cost, \$18,000; wks. owned by Co.

COLUMBIA, p. 26,319; f. area, 1,800 a.; merc. bldgs., bk., 1 to 13 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. pump & hose wag., 1 auto. comb. c. & h. wag., 1 chiefs auto., 4 str., 1 c. eng., 8 c. hand ex., 1 h. & 1 trk., 1 comb. c. & h. wag., 4 hose wag., 1 hose car., 18 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; rub., gd., 1,000 ft.; inf., 600 ft.; tot. hose, 5,600 ft.; f. al., elec., 28 bx.; val. equip., \$25,000; val. bldgs., \$28,000; exp. dept., \$31,000; tot. mem. 42, pd. full time.

Water Supply—Src., Congaree riv., 1 m. bus. cent.; sys., grav., pump stdp. & reserve, res. & dir.; res. cap., 60,000,000 gals.; res. in reserve (uptown), cap. 1,250,000 gals.; 6 pump. eng., cap. day 17,000,000 gals.; mains, c. i., 50 m., 4 to 24 in. dia.; 308 hyd.; 3,600 met.; 3,600 serv.; pipe, galv. i.; pres., dom. f. 43 to 115 lbs.; cons. day, 4,500,000 gals.; cost, \$500,000, cost mtce., \$35,000; wks. owned by city.

CONWAY, p. 1,228; vol. dept., 1 h. & 1 trk., 1 hand eng., 1 hose car.

Water Supply—Src., well, riv. & 2 elevated tk.

DARLINGTON, p. 3,789; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 str., 1 comb. c. & hose wag., 1 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose car., 5 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., Gamewell, 10 bx.; val. equip., \$6,000; val. bldgs., \$10,000; exp. dept., \$3,000; tot. mem. 40, pd. full time 4, vol. 36; undra. rating, third class.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 90,000 gals., dim. 14 x 40; mat., iron; res. cap., 80,000 gals.; 2 pump. eng., cap. day 250,000 gals.; mains, iron, $3\frac{1}{2}$ m., 4 to 10 in. dia.; 63 hyd.; 29 v.; pipe, galv. i.; pres., dom. 30 lbs., f. 100 lbs.; cost, \$8,000; cost mtce., \$500; wks. owned by Co.

EDGEFIELD, p. 1,771. F. dept.—1 hand c. ex., 1 c. wag.; hose, 400 ft.; tot. mem., 7 vol.

Water Supply—No waterwks.

FLORENCE, p. 7,067; f. area, 50 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 2 hand eng., 2 c. hand ex., 1 h. & 1 trk., 2 hose car., 3 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., Gamewell, 10 bx.; val. equip., \$10,500; tot. mem. 18, pd. full time; undra. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals., dim. 21 x 100, loc. at station; mat., stl.; res. cap., 600,000 gals., loc. at station; 2 pump. eng., class comp. & dup., cap. day, 2,000,000 gals.; mains, iron, 16 m., 4 to 8 in. dia.; 144 hyd.; 93 v.; met., 800; 1,056 serv.; pipe, galv. i.; pres., dom. 50 to 60 lbs., f. 80 to 100 lbs.; cons. day, 300,000 gals.; cost, \$92,000; cost mtce., \$15,000; wks. owned by city.

GAFFNEY, p. 4,767; f. area, 50 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & hose wag., c. hand ex., 1 c. trk., 1 h. & l. trk., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; f. al., elec.; val. equip., \$10,000; val. bldgs., \$500; exp. dept., \$1,000; tot. mem. 50, pd. full time 2, vol. 48; undra. rating, third class.

Water Supply—Src., creek, $\frac{3}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 500,000 gals.; dim., 120 x 25; res. cap., 500,000 gals.; 2 pump. eng., cap. day, 2,448,000 gals.; mains, 14 m., 4 to 12 in. dia.; 14 hyd.; 375 met.; 400 serv.; pres., dom. & f. 80 lbs.; cons. day, 125,000 gals.; cost, \$75,000; cost mtce., \$3,000; wks. owned by city.

GEORGETOWN, p. 5,530; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 42 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell 12 bx. val. equip., \$10,000; val. bldgs., \$8,000; exp. dept., \$3,000; tot. mem. 45, pd. part time; undra. rating, second class.

Water Supply—Src., riv., 4 blocks bus. cent.; sys., grav. pump to res. & stdp. & dir.; stdp. cap., 100,000 gals., dim. 110 x 15; mat., stl.; 3 pump. eng., cap. day 750,000 gals.; mains, 9 m., iron; 72 hyd.; pres., dom. 40 lbs., f. 80 to 100 lbs.; cost, \$100,000; wks. owned by city & Co.

GRANITEVILLE, p. 2,500; f. area, 100 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—12 c. hand ex., 3 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.

Water Supply—Src., creek; sys., pump to res. & dir.; res. cap., 181,473 gals. loc. $\frac{3}{4}$ m. from town, on hill; new res. cap., 329,891 gals.; 2 pump. eng., cap. day, 216,000 gals.; mains, 2 m., 4 to 8 in. dia.; 50 hyd.; 20 v.; pres., dom. 50 lbs., f. 82 to 90 lbs.; wks. owned by Co.

GREENVILLE, p. 15,741; f. area, 3,142 a.; merc. bldgs., bk., 1 to 7 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. fully. F. dept.—1 auto. comb. c. & h. wag., 1 str., 1 h. & l. trk., 20 c. hand ex., 8 hose wag., 1 hose car., 5 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 1,000 ft.; tot. hose, 4,500 ft.; f. al., telp. & bell; val. equip., \$16,700; val. bldgs., \$12,000; exp. dept., \$18,500; tot. mem. 18, pd. full time.

Water Supply—Src., mountain str., 9 m. bus. cent.; sys., grav. pump to stdp. & dir.; stdp. cap., 367,000 gals., dim. 25 x 180; mat., iron; 4 res. cap. 223,000,000 gals., loc. on Paris Mountain; 3 pump. eng., class comp. cond. dup., cap. day 3,000,000 gals.; mains, iron & cem., 80 m., 4 to 12 in. dia.; 260 hyd.; 550 v.; 2,800 met.; 3,200 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 110 lbs.; wks. owned by Co.

GREENWOOD, p. 6,614; f. area, 840 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. c. eng. & hose trk., 3 hose carts; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$650; tot. mem., 49 vol.

Water Supply—Src., spr. & 3 artesian wells, cap. 30,000,000 gals. month.; sys., pump to res. & stdp.; stdp. cap., 250,000 gals.; res. cap., 500,000 gals.; 2 pump. eng., class dup., cap. day 1,872,000 gals.; mains, iron, 16 m., 4 to 10 in. dia.; 61 hyd.; 90 v.; met., 150; 240 serv.; pres., dom. 40 lbs., f. 60 to 300 lbs.; cost, \$45,000; wks. owned by city.

HARTSVILLE, p. 2,865; f. area, 8 a.; merc. bldgs., bk., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., Gamewell, 15 bx.; val. equip., \$6,500; val. bldgs., \$4,500; tot. mem., 19 vol.

Water Supply—Src., artesian wells, $\frac{3}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals., dim. 20 x 30 ft.; mat., iron; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day 60,000 gals.; mains, c. i., 10 to 6 in. dia.; 48 hyd.; 20 v.; met., 176; 176 serv.; pipe, c. i.; pres., dom. 56 lbs., f. 100 lbs.; cons. day, 40,000 gals.; cost, \$48,000; wks. owned by city.

JOHNSON, p. 948. F. dept.—1 comb. c. & hand eng., 500 ft. hose; f. al., bell; tot. mem., 24 vol.

No waterwks.

KERSHAW, p. 950; combt. ord. F. dept.—1 str., 1 h. & l. trk., 3 hose carts; hose, 2,000 ft.; 20 vol.

Water Supply—Src., artesian wells; res. cap., 50,000 gals.; stdp. cap., 35,000 gals.; mains, 2 m.; 20 hyd.

KINGSTREE, p. 1,372. F. dept.—1 hand eng.; hose, 600 ft.; f. al., bell; tot. mem. 31, pd. part time.

Water Supply—Src., wells, 3 cisterns, combined cap. 90,000 gals.

LANCASTER, p. 2,098; merc. bldgs., bk., 1 & 2 stor.; priv., bk., 2 stor.; wk. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk.; tot. mem., 20 vol.; bucket brigade; undra. rating, fourth class.

Water Supply—Src., wells & cisterns.

LAURENS, p. 4,813; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 1 aer. trk., 1 hose reel, 2 hrs.; tot. hose, 1,400 ft.; f. al., bell; val. equip., \$5,400; val. bldgs., \$6,000; tot. mem. 78, pd. full time 1, pd. part time 77; undra. rating, second class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., grav. pump to res., to stdp. & dir.; stdp. cap., 125,000 gals., dim. 100 x 20, loc. 37 feet above level of town; res. cap., 155,000 gals.; 2 pump. eng., cap. day 150,000 gals.; mains, 8 m., 4 to 12 in. dia.; 44 hyd.; met., 175; 150 serv.; pres., dom. 80 lbs., f. 125 lbs.; cost, \$40,000; cost mtce., \$1,800; wks. owned by city.

McCOLL, p. 1,628; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; fwks. & combt. ord.; causes of f. inv.

Water Supply—Not reported.

MANNING, p. 1,854; bldgs., wd., 1 to 3 stor.; wd. rfs. perm. F. dept.—1 gas. eng., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 400 ft.; tot. hose, 2,200 ft.; f. al., bell & telp.; val. equip., \$1,500; tot. mem. 20, pd. full time 2, pd. part time 18; undra. rating, fourth class.

Water Supply—Src., wells; pres., 80 lbs.; cisterns, cap. 20,000 gals.

MARION, p. 3,844; f. area, 200 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$1,500; tot. mem., 19, pd. full time 1, vol. 18.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 90,000 gals.; mat., stl.; res. cap., 50,000 gals.; 2 pump. eng., cap. day, 1,295,000 gals.; mains, c. i., $3\frac{1}{2}$ m., 4 to 8 in. dia.; 59 hyd.; 17 v.; pres., dom. 40 lbs., f. 75 lbs.; cons. day, 60,000 gals.; wks. owned by Co.

MAYESVILLE, p. 761; bldgs., wd., 1 & 2 stor. F. dept.—1 hand eng.; hose, 500 ft.; f. al., bell. **Water Supply**—Src., wells.

MT. PLEASANT, p. 1,346; merc. bldgs., wd. F. dept.—1 hand eng., 1 c. eng., ladders, &c.; tot. hose, 500 ft.; vol.

Water Supply—Src., wells; sys., pump.

NEWBERRY, p. 5,028; f. area, 400 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 5 hose car., 2 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; inf., 500 ft.; tot. hose, 1,200 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$8,000; exp. dept., \$800; tot. mem. 45, pd. part time 1, vol. 44.

Water Supply—Src., well, 500 yards bus. cent.; sys., pump to res. & stdp.; stdp. cap., 283,000 gals., dim. 20 x 100; mat., stl.; res. cap., 435,000 gals., loc. at power house; 1 pump. eng., class dup., cap. day 750,000 gals.; mains, c. i., $10\frac{1}{2}$ m., 4 to 10 in. dia.; 100 hyd.; 306 met.; 300 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 125 lbs.; cons. day, 100,000 gals.; cost, \$35,000; cost mtce., \$2,500; wks. owned by city.

ORANGEBURG, p. 5,906; f. area, 1,500 a.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 2

to 5 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag. 1 h. & l. trk. (1 h. & l. trk. in reserve), 2 hose wag., 3 hose reels, 5 hrs.; hose, cot., rub. lined, gd., 2,700 ft.; f. al., Gamewell, 15 bx.; val. equip., \$12,800; val. bldgs., \$22,000; exp. dept., \$1,981; tot. mem., 112.

Water Supply—Src., wells, in bus. cent.; sys., pump to res. & stdp.; stdp. cap., 87,450 gals., dim. 12 x 100; mat., stl.; res. cap., 800,000 gals., loc. at station; 3 pump. eng., class comp., cap. day 2,400,000 gals.; mains, c. l., 10 1/2 m., 4 to 12 in. dia.; 118 hyd.; 65 v.; met., 156; 235 serv.; pipe, iron; pres., dom. 40 lbs., f. 40 to 150 lbs.; cons. day, 100,000 gals.; cost, \$35,000; cost mtce., \$8,000; wks. owned by city.

PELZER, p. 4,000; bldgs., wd. & bk., 4 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car., 600 ft. hose; f. al., bell & wh.; tot. mem., 50 vol.

Water Supply—Src., wells, 1/4 to 1 m. bus. cent.; sys., pump dir.; stdp. cap., 300,000 gals.; cap. day, 200,000 gals.; mains, c. l., 3 m., 1/4 to 4 in. dia.; 36 hyd.

PIEDMONT, p. 3,548; f. area, 600 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 1 & 2 stor. F. dept.—2 hose wag.; hose, cot., gd., 4,000 ft.; f. al., bell & wh.; tot. mem., 25 vol.; undra. rating, fourth class.

Water Supply—Src., Saluda riv.; sys., pump. to stdp.; stdp. cap., 10,000 gals.; res. cap., 171,000 gals.; 4 pumps, cap. day 2,040,000 gals.; 22 hyd.; pres., dom. 60 lbs., f. 100 lbs.; wks. owned by priv. Co.

ROCK HILL, p. 7,216; f. area, 820 a.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. h. & l. wag., 1 h. & l. trk., 1 hand eng., 2 c. hand ex., 1 aer. trk., 2 hose wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$18,000; exp. dept., \$2,000; tot. mem., 12, pd. part time.

Water Supply—Src., riv., 5 1/2 m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 350,000 gals.; dim. 15 x 110; mat., stl.; res. cap., 500,000 gals., loc. at station; 2 pump. eng., cap. day, 1,000,000 gals.; mains, c. l., 8 m., 4 to 10 in. dia.; 75 hyd.; 40 v.; met., 450; 187 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 120 lbs.; wks. owned by city.

ST. MATHEWS, p. 1,377. F. dept.—Not reported.

Water Supply—Src., deep well, 1-3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals., 18 x 34 ft.; res. cap., 200,000 gals.; 1 m. c. l. mains, 6 to 8 in. dia.; 16 hyd.; 7 v.; 36 met.; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 25,000 gals.; cost, \$35,000; cost mtce., \$4,000; wks. owned by city.

SENECA, p. 1,312. F. dept.—1 hand eng., 1 hose reel; hose, 500 ft.

Water Supply—Tk., cap. 50,000 gals.; 32 hyd.

SPARTANSBURG, p. 17,517; f. area, 1 1/2 sq. m.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. triple comb. trk., 1 str., 8 c. hand ex., 1 comb. c. & h. wag., 1 h. & l. trk., 2 hose wag., 4 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 5,600 ft.; inf., 300 ft.; tot. hose, 5,900 ft.; f. al., Gamewell, 32 bx.; val. equip., \$19,000; val. bldgs., \$10,000; exp. dept., \$10,878; tot. mem., 29; pd. full time 14, vol. 15.

Water Supply—Src., creek, 1 1/4 m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 216,000 gals., dim. 92 x 20; res. cap., 3,000,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 18 m., 4 to 10 in. dia.; 160 hyd.; met., 550; 1,850 serv.; pres., dom. 45 lbs., f. 60 to 200 lbs.; cons. day, 700,000 gals.; wks. owned by Co.

SUMMERVILLE, p. 2,355; f. area, 1,280 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose car., 2 hrs.; hose, rub., gd., 300 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$800; exp. dept., \$100; tot. mem., 50 vol.; undra. rating, fourth class.

Water Supply—Src., wells.

SUMTER, p. 8,109; f. area, 4,500 a.; merc.

bldgs., stn., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 2,250 ft.; inf., 300 ft.; tot. hose, 2,550 ft.; f. al., Gamewell, 23 bx.; val. equip., \$8,200; val. bldgs., \$10,000; exp. dept., \$2,550; tot. mem., 25, pd. full time 4, pd. part time 8, 18 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 320,000 gals.; 2 pump. eng., cap. day 720,000 gals.; mains, cem. & c. l., 8 m., 4 to 10 in. dia.; 118 hyd.; 80 v.; met., 95; 1,200 serv.; pipe, galv. i.; pres., dom. 40 lbs.; cons. day, 400,000 gals.; cost, \$115,000; cost mtce., \$7,000; wks. owned by city.

TIMMONSVILLE, p. 1,708. F. dept.—2 c. hand ex., 1 h. & l. trk., 3 hose reels, 1 hr., 2,300 ft. hose; f. al., bell; val. equip., \$4,000; val. bldgs., \$3,500; tot. mem., 14 vol.

Water Supply—Src., wells, 5 cisterns, combined cap. 75,000 gals.

UNION, p. 5,623; f. area, 1/4 sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 2 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; tot. mem., 22, pd. full time 1, vol. 21.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav. pump to stdp.; stdp. cap., 235,000 gals., dim. 20 x 100; mat., iron; res. cap., 1,227,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 12 m., 4 to 10 in. dia.; 69 hyd.; 44 v.; met., 284; 234 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 195,000 gals.; cost, \$30,000; cost mtce., \$1,200; wks. owned by city.

WALLHALLA, p. 1,595; f. area, 32 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 300 ft.; rub., gd., 300 ft.; inf., 200 ft.; tot. hose, 700 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$500; exp. dept., \$200; tot. mem., 12; undra. rating, fourth class.

Water Supply—Src., well & cisterns; cap. of cisterns, 500,000 gals.

WALTERBORO, p. 1,677; f. area, 250 a.; bldgs., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—2 hand h. & l. trk., 2 hand hose reels, 2 c. ex.; hose, cot., rub. lined, gd., 400 ft.; fair, 600 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$200; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., artesian wells; sys., pump to stdp.; stdp. cap., 30,000 gals.; 1 pump. eng., cap. min. 80 gals.

WINNSBORO, p. 1,754; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 str. eng., 1 hand eng., 1 h. & l. trk., 3 hose car., 1 hose wag.; hose, rub., 1,500 ft.; f. al., bell; val. equip., \$6,000; 2 bldgs. owned by town; exp. dept., \$600; tot. mem., 150 vol.; undra. rating, second class.

Water Supply—Src., 11 cisterns, cap. 100,000 gals., 1 connected with R. R. tk.

YORKVILLE, p. 2,323; f. area, 640 a.; merc. bldgs., bk. & iron; 2 stor.; priv., wd., 1 1/2 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 reel, 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell & tarp; val. equip., \$2,000; tot. mem., 43, pd. full time 3, vol. 40; undra. rating, second class; elec. power pump with stm. pump as reserve.

Water Supply—Src., creek & spr., 1/2 m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 65,000 gals., dim. 12 x 71, loc. cent. town; mat., stl.; res. cap., 100,000 gals., loc. at station; 2 pump. eng., cap. day, 2,000,000 gals.; mains, c. l., 4 1/4 m., 4 to 8 in. dia.; 84 hyd.; 8 v.; met., 175; 175 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 60 lbs.; cons. day, 175,000 gals.; cost, \$20,000; cost mtce., \$1,400; wks. owned by city.

Places of 1,000 or more population having no organized fire dept.—Allendale, Blacksburg, Cheraw, Olinnton, Clover, Denmark, Dillon, Fort Mill, Lexington, Mullins, Williamston, Woodruff.

SOUTH DAKOTA

ABERDEEN, p. 10,768; f. area, 1,900 a.; merc. bldgs., bk. & wd., 1 to 6 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 comb. c. & h. wag., 1 supply wag. (in reserve), 7 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; c., 300 ft.; f. al., elec. & tel.; val. equip., \$14,000; val. bldgs., \$14,875; exp. dept., \$2,000; tot. mem. 18, pd. full time; undra. rating, fourth class.

Water Supply—Src., 6 artesian wells, $\frac{1}{2}$ m. bus. cent.; sys., dir. pres.; res. cap., 1,200,000 gals.; 3 pump. eng., cap. day 4,320,000 gals.; mains, c. i., 25 m., 4 to 11 in. dia.; 165 hyd.; 145 v.; 1,000 met.; 2,000 serv.; pres., dom. 40 to 60 lbs., f. 70 to 100 lbs.; cons. day, 1,400,000 gals.; cost, \$188,000; cost mtce., \$9,500; wks. owned by city.

ALCESTER, p. 409. F. dept.—Not reported.

Water Supply—Src., well, in bus. cent.; sys., air pres. & grav. cistern, cap. 110 bbls.; res. cap., 44,800 gals.; 1 pump. eng., cap. day 122,400 gals.; mains, c. i., 1 m., 4 to 6 in. dia.; 15 hyd.; 5 v.; pres. dom. 25 to 50 lbs., f. 90 lbs.; cons. day, 10,560 gals.; cost, \$10,000; cost mtce., \$395; wks. owned by city.

ALEXANDRIA, p. 955; f. area, 20 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hand eng., 10 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 2,800 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$12,500; exp. dept., \$750; tot. mem., 50 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to res.; res. cap., 1,600 bbls., loc. near well; 1 gasoline eng.; mains, iron, 1 m., 4 to 8 in. dia.; 13 hyd.; met., 28; pres., dom. 65 lbs.; cost mtce., \$300; wks. owned by city.

ALPENA, p. 600. F. dept.—1 hose cart, 1,500 ft. cot., rub. lined, hose; f. al., bell; tot. mem., 16 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., dir. pres.; mains, 1,500 ft.; 5 hyd.; pres., f. 85 lbs.; wks. owned by city.

ANDOVER, p. 450; f. area, 180 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 2 hose wag., 2 hose car.; hose, rub. lined, gd., 1,000 ft.; int., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$100; tot. mem., 24 vol.; undra. rating, $\frac{1}{2}$ class.

Water Supply—Src., 2 artesian wells, in bus. cent.; sys., dir. pres.; res. cap., 48,000 gals.; 1 pump. eng.; mains, iron, 2 m., $\frac{3}{4}$ to 6 in. dia.; 100 hyd.; 50 met.; 70 serv.; pres., dom. 15 lbs., f. 60 lbs.; cons. day, 1,200 gals.; cost, \$3,500; wks. owned by city.

ARMOUR, p. 968; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., $1\frac{1}{2}$ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—2 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,850 ft.; f. al., bell & wh.; val. equip., \$1,200; exp. dept., \$60; tot. mem., 37 vol.; undra. rating, fourth class.

Water Supply—Src., well; sys., pump to res.; 2 pump. eng.; mains, iron, 3 m., 4 to 6 in. dia.; 24 hyd.; 85 serv.; pres., dom. 65 lbs., f. 150 lbs.; cost, \$10,000; cost mtce., \$1,200; wks. owned by city.

ARTESIAN, p. 600. F. dept.—1 c. eng., 2 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$900; val. bldgs., \$400; tot. mem., 24 vol.

No waterwks.

ASHTON, p. 430; f. area, 80 a.; bldgs., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—2 h. & l. trk., 2 hose car.; hose, cot., 700 ft.; undra. rating, third class.

Water Supply—Src., artesian wells; sys., grav. pipe, $\frac{3}{4}$ m., 4 in. dia.; 16 hyd.; pres., 80 to 100 lbs.; cost, \$5,800; cost mtce., \$200; wks. owned by city.

ATHOL, p. 250; f. area, 40 a. No org. f. dept.

Water Supply—Src., 4 wells, in bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 345,600 gals.; mains, 2 m.; 12 hyd.; pres., dom. 50 lbs., f. 50 to 100 lbs.; wks. owned by priv. Co.

AVON, p. 500; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,400; tot. mem., 40 vol.; undra. rating, third class.

Water Supply—Src., well, in bus. cent.; sys., dir. & grav.; res. cap., 65,000 gals.; 2 pump. eng., cap. day 20,000 gals.; mains, c. i., $1\frac{1}{4}$ m., 6 to 8 in. dia.; 15 hyd.; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 8,000 gals.; cost, \$15,000; cost mtce., \$500; wks. owned by city.

BALTIC, p. 300; f. area, 20 a. F. dept.—12 c. hand ex., 2 c. eng., ladders, etc.; f. al., bell; val. equip., \$600; val. bldgs., \$900; tot. mem., 17 vol. No waterwks.

BELLE FOURCHE, p. 1,352. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., gd., 1,000 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., artesian wells; sys., pump to stdp.; stdp. cap., 52,000 gals.; mains, 3 m., 4 to 8 in. dia.; 82 hyd.; pres., dom. 40 to 45 lbs., f. 90 to 100 lbs.

BERESFORD, p. 1,117; bldgs., bk. & wd. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose car., 2 hand ex.; hose, 1,100 ft.; f. al., bell & wh.; tot. mem., 30 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 60,000 gals.; 1 pump. eng., cap. day 576,000 gals.; mains, 3,600 ft., 4 to 8 in. dia.; pres., dom. 40 lbs., f. 100 to 125 lbs.

BIG STONE, p. 551; f. area, 240 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 c. hand eng.

Water Supply—Src., wells & cisterns.

BONESTEEL, p. 750; f. area, 120 a.; F. dept.—2 hose carts, 2 c. eng.; f. al., bell; val. equip., \$2,000; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 40 vol.

Water Supply—Src., 2 wells, in bus. cent.; sys., grav. & pump to stdp.; 2 stdp., cap. 65,000 gals. & 65,000 gals.; res. cap., 15,000 gals.; 2 pump. eng.; mains, $1\frac{1}{4}$ m., 4 to 8 in. dia.; 11 hyd.; 5 v.; pres., dom. 45 lbs., f. 65 lbs.; cons. day, 5,000 gals.; cost, \$17,000; cost mtce., \$1,000; wks. owned by city.

BOWDLE, p. 671. F. dept.—Not reported.

Water Supply—Src., well, near bus. cent.; sys., grav.; stdp. cap., 80,000 gals.; mat., stl.; mains, c. i., 1 1-3 m.; cost, \$15,000; wks. owned by city.

BRIDGEWATER, p. 934; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 30 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$300; exp. dept., \$50; tot. mem., 40 vol.

Water Supply—Src., wells & cisterns; sys., 1 trip. pump, pump. into tk.

BRISTOL, p. 580; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose reels; hose, rub. lined, gd., 1,150 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$1,000; tot. mem., 32 vol.; undra. rating, third class.

Water Supply—Not reported.

BRITTON, p. 850; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—200 c. hand ex., 1 hose cart, 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$300; exp. dept., \$150; tot. mem., 25 vol.

Water Supply—Src., artesian wells, in bus. cent.; sys., pump dir.; mains, c. i., 3,500 ft., 3 to 5

in. dia.; 9 hyd.; pres., dom. 112 lbs., f. 112 lbs.; wks. owned by city.

BROOKINGS, p. 2,971; f. area, 15 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$7,000; val. bldgs., \$25,000; tot. mem., 60 vol.

Water Supply—Src., well, 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 132,300 gals.; res. cap., 125,000 gals.; pump. eng., cap. day, 432,000 gals.; mains, c. l., 8½ m., 4 to 10 in. dia.; 88 hyd.; 41 v.; 250 met.; pres., dom. 75 lbs., f. 100 to 160 lbs.; cons. day, 100,000 gals.; cost, \$500,000; cost mtce., \$1,500; wks. owned by city.

BRYANT, p. 645; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 c. hand ex., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 800 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$450; tot. mem., 20 vol.; undrs. rating, third class.

Water Supply—Not reported.

BURKE, p. 500; f. area, 160 a.; merc. bldgs., cem. & wd., 2 stor.; priv., cem. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hose wag.; hose, cot., rub. lined, gd., 700 ft.; inf., 100 ft.; tot. hose, 800 ft.; f. al., bell; val. equip., \$1,500; tot. mem., 16 vol.

Water Supply—Src., well, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals.; dim. 20 x 20; mat., stl.; 1 pump. eng., cap. day 12,000 gals.; mains, 1 1-3 m., 4 to 10 in. dia.; 13 hyd.; 7 v.; 9 met.; 45 serv.; pipe, galv. i.; pres., dom. & f., 42 lbs.; cons. day, 800 gals.; cost mtce., \$500; wks. owned by city.

CANISTOTA, p. 320. F. dept.—Not reported.

Water Supply—Src., deep well, 100 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals.; dim. 18 x 24; mat., stl.; 1 pump. eng., cap. day 4,000 gals.; mains, 4,000 ft., c. l., 4 to 8 in. dia.; 11 hyd.; 8 v.; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 640 gals.; cost, \$12,000; cost mtce., \$1,000; wks. owned by city.

CANOVA, p. 300. F. dept.—1 c. eng., 1 pump; f. al., bell; val. equip., \$5,000; val. bldgs., \$200; tot. mem., 40 vol.

Water Supply—Src., wells.

CANTON, p. 2,103; f. area, 320 a.; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 4 c. hand ex., 2 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$3,500; exp. dept., \$800; tot. mem., 63 vol.

Water Supply—Src., wells, 4 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 86,000 gals.; 2 pump. eng., cap. day, 1,150,000 gals.; mains, iron, 7 m., 4 to 8 in. dia.; 51 hyd.; 19 v.; 310 serv.; pipe, galv. i.; pres., dom. & f., 75 lbs.; cost, \$20,000; cost mtce., \$3,000; wks. owned by city.

CARTHAGE, p. 800; f. area, 640 a.; merc. bldgs., bk. & cem., 1 & 2 stor.; priv., bk., wd. & cem., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hose reel, ladders; hose, cot., rub. lined, gd., 700 ft.; rub., gd., 200 ft.; inf., 150 ft.; tot. hose, 1,050 ft.; f. al., wh.; tot. mem., 36 vol.

Water Supply—Not reported.

CASTLEWOOD, p. 594; f. area, 5 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. wag., 16 c. hand ex., 1 h. & 1 trk., 1 hose car., 1 hrs.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$1,250; val. bldgs., \$500; exp. dept., \$150; tot. mem., 37 vol.

Water Supply—Src., wells.

CAVOUR, p. 800; f. area, 40 a. F. dept.—500 barrel cistern, pump, 12 hp. eng., 1 hose cart, hose, cot., rub. lined, gd., 600 ft.; f. al., bell; tot. mem., 40 vol.; undrs. rating, fifth class.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng.; mains, 4,000 ft.; 6 hyd.; pres., dom. 40 lbs.; f. 85 lbs.; cost, \$4,000; wks. owned by city.

CENTERVILLE, p. 971. F. dept.—2 hose carts; hose, cot. jacket, gd., 1,500 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells; sys., pump to stdp.; mains, 1 2-5 m., 4 to 8 in. dia.; 18 hyd.

CENTRAL CITY, p. 296; f. area, 200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose reel, 3 hand ex., 3 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; lincn, gd., 500 ft.; inf., 100 ft.; tot. hose, 1,700 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$1,100; exp. dept., \$250; tot. mem., 60 vol.

Water Supply—Src., Whitewood creek; sys., grav.; cap. res., 25,000 gals.; pipe, ½ m., 6 in. dia.; 5 hyd.; pres., 50 to 60 lbs.; wks. owned by The Homestake Mining Co.; cost, \$5,000.

CHAMBERLAIN, p. 1,275; no f. limits; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$3,800; val. bldgs., \$1,000; tot. mem., 32 vol.

Water Supply—Src., well, ½ m. bus. cent.; sys., pump dir.; mains, wrt. i., 2½ m., 3 to 5 in. dia.; 16 hyd.; 120 serv.; pres., f. 80 lbs.; cost, \$28,000; cost mtce., \$700; wks. owned by city.

CLARK, p. 1,220; f. area, 400 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 c. eng., 2 hose wag., 1 h. & 1 trk.; hose, 1,800 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$1,800; exp. dept., \$500; tot. mem., 20 vol.; undrs. rating, fourth class.

Water Supply—Src., artesian wells; sys., compressed air wks.; 1 pump. eng., class trip., cap. day 294,000 gals.; mains, 2 m., 4 to 6 in. dia.; 21 hyd.; pres., dom. 45 to 60 lbs., f. 30 lbs.

CLEAR LAKE, p. 704. F. dept.—1 c. eng., 2 comb. c. & hose wag., 2 c. hand ex., 2 hose wag., 1 h. & 1 trk., 2 hose carts; hose, cot. jacket, gd. 1,000 ft.; f. al., bell; tot. mem., 36 vol.

Water Supply—Src., well, 3 blocks bus. cent.; sys., pump dir.; stdp. cap., 6,000 gals.; 1 pump. eng., class trip., cap. day 360,000 gals.; mains, c. l., 2 m., 4 to 6 in. dia.; 15 hyd.; 6 v.; 375 serv.; pres., dom. 90 lbs., f. 100 lbs.; cost, \$18,000; cost mtce., \$200; wks. owned by city.

COLMAN, p. 285; f. area, 180 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 300 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 45 vol.

Water Supply—Not reported.

COLOMBE, p. 450; f. area, 160 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 comb. c. & h. wag., 25 c. hand ex., 1 h. & 1 trk., 1 hose wag.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,500; tot. mem., 28 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., dir. pres.; stdp. cap., 50,000 gals.; dim. 25 x 18; mat., stl.; res. cap., 50,000 gals.; 1 pump. eng., cap. day 54,000 gals.; mains, ½ m., 6 to 8 in. dia.; 8 hyd.; 4 v.; pipe, galv. i.; pres., dom. 32 lbs., f. 60 lbs.; cons. day, 1,000 gals.; cost, \$10,000; cost mtce., \$500; wks. owned by city.

CONDE, p. 592. F. dept.—Not reported.

Water Supply—Src., artesian well, in bus. cent.; sys., pump; 3 hyd.; pres., dom. 85 lbs., f. 85 lbs.; wks. owned by city.

CORSICA, p. 400; f. area, 160 a. F. dept.—1 hose cart, 2 ladders, axes, poles, etc.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,400; val. bldgs., \$1,400; exp. dept., \$40; tot. mem., 25 vol.; undrs. rating, fifth class.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; 1 pump. eng.; mains, 3,900 ft.; 10 hyd.; 3 v.; pres., dom. & f. 45 lbs.; cost mtce., \$480; wks. owned by city.

DEADWOOD, p. 3,653; f. area, 1,800 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 12 c. hand ex., 1 h. & 1 trk., 9 hose car.; hose,

cot., rub. lined, gd., 6,450 ft.; f. al., bell & wh., val. equip., \$8,000; val. bldgs., \$15,000; exp. dept., \$640; tot. mem., 170 vol.

Water Supply—Src., str., 3 m. bus. cent.; sys., grav.; res. cap., 330,000 gals.; mains, c. & wrt. l., 3 m., 4 to 10 in. dia.; 76 hyd.; 75 v.; 55 met.; 688 serv.; pipe, iron; pres., dom. 60 to 100 lbs.; f. 60 to 100 lbs.; cons. day, 450,000 gals.; cost, \$60,000; cost mtce., \$7,500; wks. owned by city.

DELL RAPIDS, p. 1,367; f. area, 25 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., stn. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$1,200; tot. mem., 16 vol.

Water Supply—Src., wells, 900 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 2,000 bbls., dim. 22 x 20, loc. on hill north town; mat., stn. & wd.; res. cap., 2,000 bbls.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 3 1/4 m., 4 to 8 in. dia.; 31 hyd.; 14 v.; 300 serv.; pipe, galv. l.; pres., dom. 60 lbs.; f. 85 lbs.; cons. day, 33,100 gals.; cost, \$18,000; cost mtce., \$1,800; wks. owned by city.

DE SMET, p. 1,100. F. dept.—1 h. & l. trk., 2 hose carts; hose, 900 ft.; f. al., bell & telp.; val. equip., \$1,500; exp. dept., \$200; tot. mem., 12 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 15,000 gals.; 1 pump. eng., cap. day 180,000 gals.; mains, 2 m., 4 to 3 in. dia.; 21 hyd.; 60 met.; pres., dom. 75 to 80 lbs.; f. 100 to 110 lbs.; wks. owned by city.

DRAPER, p. 200; f. area, 40 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 5 c. hand ex.; val. equip., \$700; val. bldgs., \$100; exp. dept., \$50; tot. mem., 30 vol.

Water Supply—Not reported.

EDGEMONT, p. 816; f. area, 480 a.; bldgs., stn. & wd., 1 & 1 1/2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—12 c. hand ex., 1 gasoline eng. & pump, 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 150 ft.; tot. hose, 1,150 ft.; f. al., bell & wh.; val. equip., \$6,000; val. bldgs., \$700; tot. mem., 40 vol.; undrs. rating, fourth class.

Water Supply—Src., wells; mains, 500 ft., 6 in. dia.; 3 hyd.; pres., 75 lbs.

ELKPOINT, p. 1,200; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,500; tot. mem., 35 vol.; undrs. rating, third class.

Water Supply—Src., wells, 1 1/2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 17,000 gals., dim. 8 1/2 x 36; mat., boiler l.; 1 pump. eng., cap. day, 448,000 gals.; mains, c. l., 1 1/4 m., 4 to 6 in. dia.; 20 hyd.; 4 v.; 20 serv.; pipe, galv. l.; pres., dom. 40 to 85 lbs.; f. 40 to 85 lbs.; cons. day, 30,000 gals.; cost, \$7,500; wks. owned by city.

ELKTON, p. 742; f. area, 160 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. limits; no fwks. ord.; causes of f. inv. F. dept.—16 c. ex., 1 h. & l. trk., 1 aer. trk., 1 hose car.; hose, 1,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$500; tot. mem., 26 vol.; undrs. rating, third class.

Water Supply—Src., wells; sys., pump. to res. with gas eng.; res. cap., 60,000 gals.; mains, 1 1/4 m., 4 to 8 in. dia.; 15 hyd.; 4 v.; pres., f. 40 lbs.; cost, \$9,000; exp. dept., \$150; new waterwks. sys. just put in, with mains and tk., cap. 1,600 bbls.

EMERY, p. 456; merc. bldgs., 1 & 2 stor. F. dept.—1 gas eng., 1 comb. c. & h. wag., 5 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,800; tot. mem., 27 vol.

Water Supply—Not reported.

ESTELLINE, p. 700; f. area, 80 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., wd., 1 1/2 to 2 1/2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 2 hose reels, 1 h. & l. trk., ladders; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$8,000; exp. dept., \$700; tot.

mem. 36, pd. full time 1, pd. part time 1, 34 vol. Waterwks. to be installed.

ETHAN, p. 3,000; f. area, 60 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., c. hand ex., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$600; tot. mem., 25 vol.

Water Supply—Src., well, 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; mat., stil.; cost, \$10,000; wks. owned by city.

EUREKA, p. 961. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot. jacket, gd., 1,200 ft.; f. al., bell; tot. mem., 27 vol.

Water Supply—Src., well; sys., pump to stdp.; mains, 3-5 of a m., 4 to 6 in. dia.; 8 hyd.; pres., dom. 38 lbs.; f. 75 lbs.

FAULKTON, p. 802; f. area, 320 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, rub. gd., 600 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$500; exp. dept., \$1,100; tot. mem., 42 vol.; undrs. rating, fourth class.

Water Supply—Src., well, 1 block bus. cent.; sys., pump dir.; stdp. cap., 60,000 gals.; cistern, cap. 60,000 gals.; mains, iron, 2 m., 2 to 8 in. dia.; 27 hyd.; 100 serv.; pipe, galv. l.; pres., dom. 45 lbs.; f. 60 lbs.; cost, \$12,500; cost mtce., \$300; wks. owned by city.

FLANDREAU, p. 1,484; f. area, 120 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 3 comb. c. & hose wag., 2 hand ex., 1 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 400 ft.; tot. hose, 2,000 ft.; f. al., wh.; val. equip., \$6,000; val. bldgs., \$7,500; tot. mem., 25 vol.; undrs. rating, third class.

Water Supply—Src., riv. & well, 1/2 m. bus. cent.; sys., grav. & pump dir.; res. cap., 64,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 7 m., 4 to 8 in. dia.; 57 hyd.; 30 v.; 7 met.; 395 serv.; pres., dom. 50 lbs.; f. 100 lbs.; cons. day, 256,000 gals.; cost, \$30,000; cost mtce., \$2,800; wks. owned by city.

FORT PIERRE, p. 1,000; f. area, 400 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$300; tot. mem., 50 vol.

Water Supply—Src., riv., 1 block bus. cent.; sys., grav.; res. cap., 80,000 gals.; 1 pump. eng., cap. day 374,400 gals.; mains, c. l., 4 m., 6 to 8 in. dia.; 200 hyd.; 50 v.; 1 met.; 125 serv.; cons. day, 8,000 gals.; cost mtce., \$3,500; wks. owned by city.

FRANKFORT, p. 500; f. area, 4 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 hose reel; hose, rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$550; val. bldgs., \$400; tot. mem., 20, pd. part time; undrs. rating, third class.

Water Supply—Src., 3 artesian wells, 2 blocks bus. cent.; sys., grav.; mains, c. l., 1 1/2 m., 4 in. dia.; 8 hyd.; 7 v.; pres., dom. 78 lbs.; f. 78 lbs.; wks. owned by city.

FREDERICK, p. 450; f. area, 100 a. F. dept.—1 h. & l. wag., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$25; tot. mem., 16 vol.; undrs. rating, fourth class.

Water Supply—Src., well, in bus. cent.; sys., dir. pres.; mains, 4,000 ft.; 12 hyd.; 6 v.; pres., dom. 65 lbs.; f. 125 lbs.; cost, \$3,000; wks. owned by city.

GARRETSON, p. 668; f. area, 17 blocks; merc. bldgs., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 supply wag., 100 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$800; tot. mem., 23 vol.

Water Supply—Src., wells & cisterns; 1,100 ft. mains, 4 in. dia.; 2 hyd.

GAYVILLE, p. 800; f. area, 40 a.; merc. bldgs., bk. & wd., 1 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., axes, lanterns & pails, 1 hose wag.; f. al., bell; tot. mem., 20 vol. Water Supply—Not reported.

GEDDES, p. 710; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 850 ft.; f. al., bell & wh.; val. equip., \$925; val. bldgs., \$600; tot. mem., 26 vol.

Water Supply—Not reported.

GETTYSBURG, p. 1,000; f. area, 43 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 hose reels; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; val. equip., \$2,200; tot. mem., 30 vol.

Water Supply—Src., well in bus. cent.; sys., dir. pres.; res. cap., 60,000 gals.; pump. eng., cap. day 18,000 gals.; mains, iron, 3 m., 4 to 6 in. dia.; 16 hyd.; 20 v.; 50 met.; cons. day, 6,000 gals.; cost, \$14,000; cost mtce., \$1,200; wks. owned by city.

GREGORY, p. 1,400; f. area, 380 a. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$600; val. bldgs., \$50; exp. dept., \$200; tot. mem., 30 vol.

Water Supply—Src., 2 wells, 1 m. bus. cent.; sys., dir. pres. & grav.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. day, 100,000 gals.; mains, 8,000 ft.; 30 hyd.; 120 serv.; cost, \$22,000; cost mtce., \$1,500; wks. owned by city.

GROTON, p. 1,108; f. area, 50 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose cars; hose, 500 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$1,500; tot. mem., 32 vol.; undrs. rating, third class.

Water Supply—Src., well, 2 blocks bus. cent.; mains, c. l., ½ m., 6 in. dia.; 17 hyd.; 17 v.; pres., dom. 90 lbs. f. 140 lbs.; cost, \$20,000; cost mtce., \$200; wks. owned by city.

HECLA, p. 462; f. area, 160 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng.; hose, rub. gd., 300 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$400; tot. mem., 15 vol.

HOT SPRINGS, p. 2,140; f. area, 120 a.; merc. bldgs., stn., 3 to 5 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell, wh. & elec., 24 bx.; val. equip., \$2,800; val. bldgs., \$12,000; exp. dept., \$500; tot. mem., 50 vol.; undrs. rating, fourth class.

Water Supply—Src., spr. & Fall riv., ½ m. bus. cent.; sys., grav., pump to res. & dir.; res. cap., 600,000 gals.; 1 pump. eng.; mains, c. l., 4 m., 4, 6 & 8 in. dia.; 55 hyd.; met., 25; 300 serv.; pipe, galv. i.; pres., dom. 100 lbs.; f. 110 lbs.; cons. day, 200,000 gals.; cost, \$60,000; cost mtce., \$2,800; wks. owned by Co.

HOVEN, p. 850; f. area, 10 a. F. dept.—2 c. eng., 15 c. hand ex., hooks, ladders, buckets, axes, etc., 200 ft. hose; f. al., bell; val. equip., \$900; val. bldgs., \$800; tot. mem., 22 vol.; undrs. rating, fifth class.

Water Supply—Src., well.

HOWARD, p. 1,026; f. area, 50 a.; merc. bldgs., bk. & iron, 1½ stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 27 c. hand ex., 1 h. & l. trk., 2 hrs.; hose, rub. gd., 950 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 24 vol.; undrs. rating, second class.

Water Supply—Src., well, 600 ft. bus. cent.; sys., pump dir.; stdp. cap., 500 bbls., dim. 8 x 36; mat., iron; res. cap., 1,000 bbls.; 1 pump. eng., cap. day 100,000 gals.; mains, c. l., 2 m., 4 to 6 in. dia.; 21 hyd.; 7 v.; met., 26; 27 serv.; pipe, iron; pres., dom. 50 lbs. f. 100 lbs.; cost, \$23,000; cost mtce., \$450; wks. owned by city.

HURON, p. 5,791; f. area, 640 a.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes

of f. inv. F. dept.—1 c. eng., 1 comb. eng., 1 h. & l. trk., 3 hose cars, 1 sleigh; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$4,495; val. bldgs., \$12,000; exp. dept., \$2,000; tot. mem., 45 vol.; undrs. rating, 1-3 class.

Water Supply—Src., wells, in bus. cent.; sys., grav. & pump to res.; res. cap., 750,000 gals.; stdp. cap., 200,000 gals.; mat., stl.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 12 m.; 84 v.; 86 hyd.; 1,000 serv.; pres., dom. 45 lbs. f. 75 lbs.; cost, \$127,410; wks. owned by city.

IPSWICH, p. 810; f. area, 6 blocks; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; inf., 400 ft.; tot. hose, 1,400 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$1,500; tot. mem., 28 vol.

Water Supply—Src., artesian wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals.; mat., stl.; res. cap., 53,000 gals.; 1 pump. eng., cap. day 380,000; mains, 8½ m., 4 to 12 in. dia.; 38 hyd.; 12 v.; met., 51; pipe, c. l.; pres., dom. 40 lbs. f. 125 lbs.; cons. day, 30,000 gals.; cost, \$19,800; cost mtce., \$800; wks. owned by city.

IROQUOIS, p. 700; f. area, 2 blocks; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk. & stn., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$750; tot. mem., 20 vol.

Water Supply—Src., artesian well, in bus. cent.; sys., dir. pres.; res. cap., 35,000 gals.; 1 pump. eng., cap. day 150,000 gals.; mains, cast & wrt. l., 2 m., 3 to 6 in. dia.; 24 hyd.; 6 v.; 130 serv.; pipe, galv. i.; pres., dom. 30 to 50 lbs. f. 100 lbs.; cons. day, 30,000 gals.; cost, \$5,000; cost mtce., \$1,200; wks. owned by city.

JAVA, p. 478. F. dept.—2 hose carts, 1,500 ft. hose; 16 vol.

Water Supply—Src., well, in bus. cent.; sys., res.; wks. owned by city.

KIMBALL, p. 713; f. area, 80 a.; bldgs., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 15 c. hand ex., 1 hose car, ladders; hose, cot., rub. lined, inf., 1,200 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$500; tot. mem., 20 vol.; undrs. rating, fourth class.

Water Supply—Src., wells; sys., pump to res. & tk.; tk. cap., 50,000 gals.; res. cap., 15,000 gals.; 1 gasoline pump. eng., cap. day 52,000 gals.; mains, iron & wd., 2 to 6 in. dia.; 6 hyd.; met., 28; 38 serv.; pres., dom. 16 lbs. f. 16 lbs.; cost, \$7,000; wks. owned by city & Co.

LAKE ANDES, p. 921; f. area, 120 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 hose cars; hose, cot., rub. lined, gd., 1,200 ft.; c., 75 ft.; tot. hose, 1,275 ft.; f. al., telp. & bell; val. equip., \$1,850; val. bldgs., \$500; tot. mem., 25 vol.

Waterwks. to be installed.

LAKE PRESTON, p. 1,007; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd. & cem., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. ladder wag., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,600 ft.; inf., 100 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$8,000; tot. mem., 24 vol.

Water Supply—Src., wells; sys., pump to stdp.; mains, 1,650 ft., 4 to 6 in. dia.; 5 hyd.; pres., dom. 40 lbs. f. 80 lbs.

LANGFORD, p. 475; f. area, 40 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 300 ft.; f. al., wh. & elec.; val. equip., \$800; val. bldgs., \$1,000; tot. mem., 30 vol.

Water Supply—Not reported.

LEAD CITY, p. 6,392; f. area, 700 a.; merc. bldgs., bk., stn. & pine, 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. limits; fwks. ord. F. dept.—1 h. & l. trk., 9 hose cars; hose, 8,500 ft.; f. al., elec., 15 bx.; val. equip., \$9,000; val. bldgs., \$24,000; exp. dept., \$1,650; tot. mem., 375 vol.; undrs. rating, third class.

Water Supply—Src., not stated; 1 res., cap. 1,600,000 gals.

LEMMON, p. 1,255; f. area, 320 a.; merc. bldgs., cem. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 110 c. hand ex., 1 h. & 1 trk., 2 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; inf., 700 ft.; tot. hose, 3,200 ft.; f. al., bell & wh.; val. equip., \$3,800; val. bldgs., \$2,000; tot. mem., 42 vol.

Water Supply—Not reported.

LESTERVILLE, p. 300; f. area, 40 a. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$250; exp. dept., \$100; tot. mem., 23, pd. part time; undrs. rating, third class.

Water Supply—Src., well, 1 m. bus. cent.; sys., dir. pres.; 1 pump. eng., cap. day, 720,000 gals.; mains, 4,000 ft.; 17 hyd.; 4 v.; pres., dom. & f. 60 lbs.; cost, \$7,000; cost mtce., \$250; wks. owned by city.

LHLY, p. 165; f. area, 320 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng.; f. al., bell; val. equip., \$500; val. bldgs., \$150; exp. dept., \$100; tot. mem., 19 vol.

No waterwks.

MADISON, p. 3,137; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 3 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$4,000; tot. mem., 60 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 158,000 gals.; 2 pump. eng., class comp. dup., cap. day 1,250,000 gals.; mains, c. i., 8 m., 4 to 10 in. dia.; 61 hyd.; 6 met.; 420 serv.; pipe, galv. i.; pres., dom. 45 to 56 lbs.; f. 100 lbs.; wks. owned by city.

MARION, p. 700; f. area, 60 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 750 ft.; inf., 250 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 25 vol.; undrs. rating, 4½ class.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav.; stdp. cap., 50,000 gals., dim. 20 x 20; mat., stl. tower, wd. tk.; 1 pump. eng., cap. day 50,000 gals.; mains, c. i., 1 m., 4 to 6 in. dia.; 12 hyd.; 6 v.; met., 4; 80 serv.; pipe, galv. i.; pres., dom. 25 lbs.; f. 45 lbs.; cons. day, 200,000 gals.; cost, \$15,000; cost mtce., \$800; wks. owned by priv. Co.

MENNO, p. 650; f. area, ¼ sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose reel; hose, cot., rub. lined, gd., 800 ft.; inf., 200 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,000; tot. mem., 23 vol.; undrs. rating, 4½ class.

Water Supply—Not reported.

MILLBANK, p. 2,015; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & 1 trk., 3 hose car.; hose, rub. gd., 1,500 ft.; f. al., wh. & bell; val. equip., \$1,200; val. bldgs., \$1,600; tot. mem., 35 vol.; undrs. rating, second class.

Water Supply—Src., 2 wells, 1 block bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 80,000 gals.; mat., stl.; 1 pump. eng., cap. day 200,000 gals.; mains, c. i., 3 m., 4 to 10 in. dia.; 44 hyd.; 8 v.; met., 200; 18 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 60 lbs.; cost, \$45,000; wks. owned by city.

MILLER, p. 1,202; f. area, 40 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 gas. eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; inf., 800 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$500; tot. mem., 60 vol.; undrs. rating, third class.

Water Supply—Src., wells, sys., grav.; res. cap., 1,440,000 gals.; mains, 5¼ m., 2 to 6 in. dia.; 17 hyd.; pres., f. 125 lbs.; cost, \$21,000; cost mtce., \$360.

MITCHELL, p. 6,515; f. area, 160 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 1 h. & 1 trk., 3 hose carts, 2 hra., hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., wh. & elec.; val. equip., \$4,375; val. bldgs., \$15,000; exp. dept., \$4,062; tot. mem. 46, pd. full time 2, 44 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res. & dir.; res. cap., 20,000 bbla., loc. ¼ m. northeast bus. cent.; 3 pump. eng., cap. day 2,676,000 gals.; mains, c. i., 11 m., 4 to 12 in. dia.; 81 hyd.; 550 met.; 550 serv.; pipe, lead; pres., dom. 60 lbs.; f. 125 lbs.; cost, \$75,000; cost mtce., \$5,000; wks. owned by city.

MORRISTOWN, p. 222; f. area, 2 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng.; f. al., bell; val. equip., \$500; vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; 1 pump. eng., cap. day 50,400 gals.; cost, \$1,000; wks. owned by town.

MT. VERNON, p. 614. F. dept.—Not reported. Water Supply—Src., artesian well, 300 ft. bus. cent.; sys., compressed air; cistern, cap., 8,500 gals., dim. 8 x 36; mat., iron; res. cap., 45,000 gals.; 1 pump. eng., cap. day 43,000 gals.; mains, c. i., 2 m., 4 to 6 in. dia.; 22 hyd.; 7 v.; 80 met.; 100 serv.; pipe, galv. i.; pres., dom. 30 to 60 lbs.; f. 30 to 100 lbs.; cons. day, 18,000 gals.; cost, \$11,000; cost mtce., \$1,100; wks. owned by city.

MURDO, p. 500; f. area, 10 a. F. dept.—1 c. eng., 1 hose cart; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day, 43,200 gals.; mains, 400 ft.; cost, \$2,000; wks. owned by city.

OLDHAM, p. 630; f. area, 100 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & 1 trk., 1 hose cart; f. al., bell; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$150; tot. mem., 22, pd. part time.

No waterwks.

ORIENT, p. 250; f. area, 160 a. F. dept.—1 c. eng., 1 h. & 1 trk., 1 hose reel, ladders, buckets, etc.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$1,900; val. bldgs., \$600; exp. dept., \$100; tot. mem., 30 vol.; undrs. rating, fifth class.

Water Supply—Src., 2 wells, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day, 180,000 gals.; pres., f. 75 lbs.; wks. owned by city.

PARKER, p. 1,224; f. area, 320 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 c. eng., 1 h. & 1 trk., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,100; val. bldgs., \$200; exp. dept., \$300; tot. mem., 25 vol.

Water Supply—Src., 3 wells, near bus. cent.; sys., pump to res.; res. cap., 1,500 bbla.; 3 pump. eng., cap. day 54,000 gals.; mains, c. i., 1½ m.; 35 hyd.; 8 v.; pres., dom. & f. 46 lbs.; cost, \$20,000; cost mtce., \$1,200; wks. owned by city.

PARKSTON, p. 970. F. dept.—Not reported.

Water Supply—Src., deep well, one-sixth m. bus. cent.; sys., pump to stdp., dim. 16 x 21; mat., stl.; res. cap., 23,000,000 gals.; 1 pump. eng., cap. day 144,000 gals.; mains, c. i., 2 m., 4 to 10 in. dia.; 21 hyd.; 6 v.; met., 42; 62 serv.; pipe, galv. i.; pres., dom. 47½ lbs., f. 47½ lbs.; cons. day, 48,000 gals.; cost, \$14,000; wks. owned by city.

PHILIP, p. 800; f. area, 200 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. eng., 1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 100 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$300; tot. mem., 36 vol.; undrs. rating, 4½ class.

Water Supply—Src., well, in bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; mat., stl.; 1 pump. eng., cap. day 216,000 gals.; mains, c. l., 8 blocks, 4 to 8 in. dia.; 8 hyd.; pres., dom. 60 lbs., f. 60 lbs.; cost, \$12,500; wks. owned by city.

PIERRE, p. 3,656; f. area, 8 blocks; bldgs., wd. & bk., 1 to 3 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,250 ft.; f. al., bell; val. equip., \$2,800; val. bldgs., \$2,400; exp. dept., \$700; tot. mem., 47 vol.; undrs. rating, third class.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 750,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, 10 m., 4 to 12 in. dia.; 8 hyd.; 22 v.; met., 800; 500 serv.; pres., f. 90 to 110 lbs.; cost, \$150,000; cost mtce., \$10,000; wks. owned by city.

PLANKINTON, p. 712. F. dept.—1 c. eng., 5 c. hand ex., 1 h. & l. trk., 2 hose carts, 1,600 ft. hose; f. al., bell; 24 vol.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., grav.; stdp. cap., 1,800 bbls.; mat., stl.; res. cap., 1,500 bbls.; 2 pump. eng., cap. day 1,008,000 gals.; mains, 1 m., 4 to 6 in. dia.; 12 hyd.; 3 v.; 110 met.; cost, \$14,000; cost mtce., \$1,200; wks. owned by city.

PLATTE, p. 1,115; f. area, 640 a.; merc. bldgs., bk., cem. & wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car., 1 hose reel; hose, cot., rub. lined, gd., 1,200 ft.; f. al., wh.; tot. mem., 31 vol.

RAMONA, p. 400; f. area, 90 a. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,600; val. bldgs., \$800; exp. dept., \$150; tot. mem., 34, pd. part time.

Water Supply—Src., well, 1 m. bus. cent.; sys., dir. pres.; 1 pump. eng., cap. day, 86,400 gals.; mains, 2,200 ft.; 11 hyd.; 11 v.; pres., dom. & f. 80 lbs.; cost, \$10,000; cost mtce., \$400; wks. owned by city.

RAPID CITY, p. 3,854; f. area, 200 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$500; exp. dept., \$1,000; tot. mem., 100 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 225,000 gals.; mains, wd., c. & w. l., 2½ m., 4 to 14 in. dia.; 75 hyd.; 83 v.; 600 met.; 850 serv.; pres., dom. & f. 86 lbs.; cons. day, 265,000 gals.; cost, \$140,000; wks. owned by city.

REDFIELD, p. 3,060; f. area, 360 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose carts, 4 hrs.; hose, cot., rub. lined, gd., 2,100 ft.; inf., 500 ft.; tot. hose, 2,600 ft.; f. al., bell, wh. & telp.; val. equip., \$4,800; val. bldgs., \$2,500; exp. dept., \$750; tot. mem., 28 vol.

Water Supply—Artesian wells; sys., grav. to stdp. main, 2½ m., 4 to 10 in. dia.; 30 hyd.; pres., dom. 40 lbs., f. 150 lbs.; cost, \$15,000; wks. owned by city.

RELIANCE, p. 150; f. area, 40 a. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$300; tot. mem., 25 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; 1 pump. eng., cap. day, 86,400 gals.; mains, 805 ft.; 6 hyd.; 1 v.; pres., dom. 30 lbs.; f. 50 lbs.; cost, \$5,000; cost mtce., \$100; wks. owned by town.

REVILLO, p. 500; f. area, 80 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., c. hand ex.; hose, cot., rub. lined, gd., 850 ft.; f. al., bell; val. equip., \$500; tot. mem., 20 vol.; undrs. rating, fourth class.

Water Supply—Src., 4 cisterns.

ROMONA, p. 4,000; f. area, 100 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., c. hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub.

lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$2,300; val. bldgs., \$500; exp. dept., \$300; vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; mat., stl.; 1 pump. eng., cap. day 11,225 gals.; 4 hyd.; pres., dom. 85 lbs., f. 85 lbs.; wks. owned by city.

SALEM, p. 1,097; f. area, 300 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 8 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 150 ft.; tot. hose, 1,650 ft.; f. al., bell & wh.; val. equip., \$8,000; val. bldgs., \$10,000; exp. dept., \$300; tot. mem., 40 vol.

Water Supply—Src., wells, near bus. cent.; sys., pump to res. & stdp.; res. cap., 70,000 gals.; stdp. cap., 50,000 gals.; cap. day, 700,000 gals.; mains, 3½ m., 4 & 6 in. dia.; 33 hyd.; 10 v.; 102 serv.; met., 94; pipe, galv. l.; pres., dom. 60 lbs., f. 125 lbs.; cost, \$10,000; cost mtce., \$950; wks. owned by city.

SCOTLAND, p. 1,102; f. area, 6 blocks; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & h. wag., 25 c. hand ex., 1 h. & l. trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, inf., 1,450 ft.; f. al., bell; val. equip., \$900; val. bldgs., \$1,000; exp. dept., \$65; tot. mem., 45 vol.

Water Supply—Src., wells; sys., pump to stdp.; res. cap., 1,800 bbls.; pump. eng., cap. day 2,160 gals.; mains, c. l., 2 m., 6 in. dia.; 12 hyd.; 4 v.; 22 serv.; pipe, wrt. l.; pres., dom. 35 lbs., f. 65 lbs.; cost, \$225,000; cost mtce., \$200; wks. owned by city.

SELBY, p. 600; f. area, 100 a. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 40, pd. part time; undrs. rating, 4½ class.

Water Supply—Src., well, 1 m. bus. cent.; sys., dir. pres.; 2 pump. eng., cap. day, 180,000 gals.; mains, 5,300 ft., 4 to 8 in. dia.; 15 hyd.; 4 v.; 65 met.; 75 serv.; pres., dom. 60 lbs., f. 70 lbs.; cost, \$15,000; cost mtce., \$600; wks. owned by city.

SIoux FALLS, p. 14,094; f. area, 6,000 a.; merc. bldgs., stn. & bk., 2 to 6 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—1 str., 1 c. eng., 5 c. hand ex., 1 h. & l. trk., 1 aer. trk., 2 hose wag., 1 emergency cart, deluge set, hooks, life lines, &c., 2 hose carts, 10 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; f. al., Gamewell, 18 bx.; val. equip., \$38,000; val. bldgs., \$10,000; exp. dept., \$12,000; tot. mem., 26, 11 pd. full time, 15 pd. part time; undrs. rating, second class.

Water Supply—Src., wells, 1½ m. bus. cent.; sys., pump dir.; stdp. cap., 505,000 gals.; pump. eng., cap. day 4,000,000 gals.; mains, 50.62 m., 4 to 20 in. dia.; 262 hyd.; 85 v.; 2,605 met.; pres., dom. 65 lbs., f. 100 to 125 lbs.; cost, \$473,585; wks. owned by Co.

SISSETON, p. 1,397. F. dept.—1 c. eng., 2 hose carts; hose, cot. jacket, gd., 2,300 ft.; f. al., bell; tot. mem., 82 vol.

Water Supply—Src., spr.; sys., pump to stdp.; stdp. cap., 2,800 bbls.; mains, 4½ m., 4 to 8 in. dia.; 23 hyd.

SPEARFISH, p. 1,130; f. area, 80 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose wag., hose reel; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$3,500; exp. dept., \$150; tot. mem., 85 vol.; undrs. rating, fourth class.

Water Supply—Src., spr., 2½ m. bus. cent.; sys., grav.; res. cap., 149,600 gals.; 1 pump. eng., cap. day, 2,157,040 gals.; mains, galv. l., 6 m., 4 to 8 in. dia.; 23 hyd.; 16 v.; 163 serv.; 1 met.; pipe, iron; pres., dom. 75 lbs., f. 85 lbs.; cons. day, 221,700 gals.; cost, \$26,550; cost mtce., \$800; wks. owned by city.

SPENCER, p. 500; f. area, 160 a.; merc. bldgs., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 1 hose reel; hose, cot., rub. lined, gd., 400 ft.; f. al., bell; val. equip., \$1,000; tot. mem., 16 vol.; undrs. rating, fifth class.

Water Supply—Not reported.

SPRINGFIELD, p. 675; f. area, 200 a.; merc. bldgs., wd. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; inf., 300 ft.; tot. hose, 800 ft.; f. al., bell; val. equip., \$350; val. bldgs., \$1,800; tot. mem., 30 vol.; undrs. rating, third class.

Water Supply—Src., well, in bus. cent.; sys., grav.; mains, wrt. l., 1½ m., 2 to 6 in. dia.; 11 hyd.; 75 serv.; pipe, galv. l.; pres., f. 30 lbs.

STURGIS, p. 1,739; f. area, 80 a.; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 300 ft.; tot. hose, 2,300 ft.; f. al., elec. bell, wh., 12 bx.; val. equip., \$6,000; val. bldgs., \$50,000; exp. dept., \$250; tot. mem., 120 vol.

Water Supply—Src., spr., 4½ m. bus. cent.; also furnish Ft. Meade; sys., grav.; res. cap., 28,000, 000 gals.; mains, c. l., 9 m., 4 to 10 in. dia.; 50 hyd.; 30 v.; met., 2; 300 serv.; pipe, galv. l.; pres., dom. 70 lbs., f. 100 lbs.; cost, \$190,000; cost mtee., \$3,000; wks. owned by Co.

TABOR, p. 400; f. area, 20 a. F. dept.—2 hose carts; f. al., bell; val. equip., \$750; val. bldgs., \$200; exp. dept., \$50; tot. mem., 26 vol.; undrs. rating, fourth class.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day, 10,000 gals.; mains, 2,000 ft.; 6 hyd.; cost, \$7,000; cost mtee., \$900; wks. owned by city.

TORONTO, p. 550; f. area, 120 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., c. hand ex., 1 h. & l. trk.; hose, rub. lined, gd., 300 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$50; tot. mem., 36 vol.

No waterwks.

TYNDALL, p. 1,107; f. area, 1,200 a.; merc. bldgs., stn., bk. & wd., 2 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 12 c. hand ex., 1 c. eng., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 1,350 ft.; tot. hose, 2,850 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$400; exp. dept., \$85; tot. mem., 25 vol.

Water Supply—Src., wells, near bus. cent.; sys., pump dir., cap. day 720,000 gals.; mains, iron, 2½ m., 4 to 8 in. dia.; 48 hyd.; 200 serv.; pipe, iron; pres., dom. 20 lbs., f. 70 lbs.; cost, \$14,000; cost mtee., \$450; wks. owned by city.

VALLEY SPRINGS, p. 331; f. area, 40 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 12 c. ex., 1 h. & l. trk., 2 hose car.; hose, rub., 800 ft.; inf., 500 ft.; cot., 800 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$1,700; val. bldgs., \$3,500; exp. dept., \$1,050; tot. mem., 27 vol.; undrs. rating, third class.

Water Supply—Src., cisterns filled from branch.

VEBLEN, p. 175; f. area, 40 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas. eng., 2 hose reels; hose, cot., rub. lined, gd., 800 ft.; inf., 400 ft.; tot. hose, 1,200 ft.; f. al., bell, 1 bx.; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$50; tot. mem., 50 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to res.; res. cap., 24,000 gals.; 1 pump. eng.; pres., f. 125 lbs.; cost, \$2,500; cost mtee., \$25; wks. owned by city.

VERDON, p. 126; f. area, 40 a. No org. f. dept. Water Supply—Src., well, 1 m. bus. cent.; sys., dir. pres.; mains, 1,000 ft.; 4 hyd.; pres., dom. & f. 160 lbs.; wks. owned by city.

VERMILION, p. 2,187; f. area, 300 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 1,200 ft.; inf., 350 ft.; tot. hose, 1,550 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$3,000; exp. dept., \$100; tot. mem., 36 vol.; undrs. rating, second class.

Water Supply—Src., 2 wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals.; mat., stl.; res. cap., 185,000 gals., loc. at stations;

2 pump. eng., class trip., cap. day, 1,296,000 gals.; mains, wd., 7 m., 4 to 8 in. dia.; 57 hyd.; 22 v.; met., 29; 296 serv.; pipe, iron; pres., dom. 55 lbs., f. 125 lbs.; cost, \$38,000; cost mtee., \$2,500; wks. owned by city.

VOLGA, p. 563; f. area, 4 blocks; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car., 6 force pumps on streets; 1,500 ft. hose; f. al., bell; val. equip., \$3,000; val. bldgs., \$150; tot. mem., 36 vol.; undrs. rating, fifth class.

Water Supply—Src., wells, in bus. cent.; sys., pump dir.; pump. eng., cap. day, 360,000 gals.

WAKONDA, p. 326. F. dept.—Not reported.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals., mat. stl.; res. cap., 10,000 gals.; 1 pump. eng., cap. day 40,000 gals.; mains, c. l., 1½ m., 4 to 6 in. dia.; 12 hyd.; 7 v.; 20 met.; 24 serv.; cost, \$11,000; cost mtee., \$300; wks. owned by city.

WASTA, p. 250; f. area, 10 a. F. dept.—1 c. eng., 30 c. hand ex.; f. al., bell; val. equip., \$500; val. bldgs., \$200; exp. dept., \$100; tot. mem., 80 vol.

Water Supply—Src., wells & cisterns, ½ m. bus. cent.; sys., dir. pres.; stdp. cap., 6,500 gals.; wks. owned by priv. party.

WATERTOWN, p. 7,010; f. area, 900 a.; merc. bldgs., stn. & bk., 2 to 4 stor.; priv., bk. wd. & cem., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & h. wag., 1 h. & l. trk., 4 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.; val. equip., \$6,500; val. bldgs., \$30,000; exp. dept., \$7,000; tot. mem., 16, 6 pd., 10 vol.

Water Supply—Src., Lake Kempeka, 3¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 211,000 gals.; mat., stl.; 2 pump. eng., class comp., cap. day 1,000,000 gals.; mains, c. l., 16 m., 4 to 12 in. dia.; 187 hyd.; 100 v.; 1,850 met.; 1,850 serv.; pipe, lead & galv. l.; pres., dom. 65 lbs., f. 135 lbs.; cons. day, 500,000 gals.; cost, \$150,000; cost mtee., \$3,500; wks. owned by Co.

WAUBAY, p. 1,000; f. area, 10 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 10 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 20 vol.

Water Supply—Not reported.

WEBSTER, p. 1,718; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 36 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,700 ft.; inf., 100 ft.; tot. hose, 1,800 ft.; f. al., bell & wh.; val. equip., \$2,000; tot. mem., 60 vol.

Water Supply—Src., wells & cistern, 1,500 ft. bus. cent.; sys., grav.; stdp. cap., 90,000 gals.; dim., 30 x 18; mat., stl.; res. cap., 20,000 gals.; 2 pump. eng., cap. day, 144,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 22 hyd.; 9 v.; 160 met.; 165 serv.; pipe, galv. l.; pres., dom. & f. 60 lbs.; cons. day, 40,000 gals.; cost, \$15,000; cost mtee., \$650; wks. owned by city.

WENTWORTH, p. 329. F. dept.—Not reported.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 220,000 gals.; mat., stl.; 1 pump. eng., cap. day 220,000 gals.; mains, c. l., 1½ m., 4 to 6 in. dia.; 14 hyd.; 2 v.; pipe, galv. l.; pres., dom. 60 lbs., f. 75 lbs.; cost, \$7,500; wks. owned by city.

WESSINGTON SPRINGS, Jerauld Co., p. 1,098. F. dept.—1 h. & l. trk., 2 hose carts, 1 c. hand ex.; hose, 1,200 ft.; f. al., bell; tot. mem., 34 vol.

Water Supply—Src., spr.; res. cap., 3,250 bbls.; 1 pump. eng., class trip., cap. day 216,000 gals.; mains, 3 m., 4 to 8 in. dia.; 30 hyd.

WHITE ROCK, p. 400; f. area, 1,000 a.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 350 ft.; tot. hose, 1,350 ft.; f. al., bell; val. equip., \$1,700; val. bldgs., \$1,000; exp. dept., \$25; tot. mem., 25 vol.

Water Supply—Not reported.

WHITEWOOD, p. 890; merc. bldgs., bk., 2 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—2 hose cart.; hose, cot., 700 ft.; rub., gd., 100 ft.; tot. hose, 800 ft.; f. al., bell; tot. mem., 80; undrs. rating, third class.

Water Supply—Src., spr.; sys., grav.; res. cap., 100,000 gals.; pipe, 2 m., 6 in. dia.; 8 hyd.; 8 v.; 76 taps; pres., 55 lbs.; cost, \$15,000; cost mtce., \$300; wks. owned by Co.

WILMOT, p. 500; f. area, 220 a. F. dept.—1 c. eng., 2 hose carts, 1 h. & 1 trk.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,200; tot. mem., 15 vol.; undrs. rating, 4½ class.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day, 240,000 gals.; mains, 1,800 ft.; 5 hyd.; pres., dom. 60 lbs., 1.70 lbs.; cost, \$5,000; wks. owned by city.

WOONSOCKET, p. 1,027; f. area, 330 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., 18 ft. high; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—3 hose cart.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 24 vol.

ATHENS, p. 2,264; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hose cart.; hose, cot., rub. lined, gd., 500 ft.; undrs. rating, fifth class.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., pump to stdp. & res.; res. cap., 300,000 gals.; stdp. cap., 60,000 gals., dim. 18 x 50; 1 pump. eng., class comp., cap. day 800,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 15 hyd.; 400 serv.; pipe, wrt. l.; pres., dom., 25 to 80 lbs.; f. 50 to 80 lbs.; cons. day, 100,000 gals.; cost, \$17,000; cost mtce., \$1,500; wks. owned by priv. Co.

BELLS, p. 753. F. dept.—1 hose reel; hose, 300 ft.; f. al., telp. & wh.

Water Supply—Src., wells; sys., dir. pump; stdp. cap., 10,000 gals., mat. wd.; pres., 35 lbs.

BOLIVAR, p. 1,070. No f. dept.

Water Supply—Src., well; sys., grav.; stdp. cap., 50,000 gals.; mains, ¾ m., 4 to 6 in. dia.; 24 hyd.

BRISTOL, Va.-Tenn., p. 20,000; f. area, 200 a.; merc. bldgs., bk. & wd., 2 to 5 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hose wag., 1 comb. c. & h. wag., 1 auto. trk., 1 auto. pump. eng., 5 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 500 ft.; tot. hose, 6,500 ft.; f. al., bell; val. equip., \$20,000; val. bldgs., \$15,000; exp. dept., \$3,000; tot. mem., 26, pd. full time 3, vol. 23; undrs. rating, fourth class.

Water Supply—Src., 2 spr., 3½ & 6 m. bus. cent.; sys., grav.; res. cap., 5,000,000 gals. from the spr. on the 3½ m. line, average cap. day, 1,000,000 gals.; the 6 m. line has 1 pipe dir. from spr., cap. day, 1,500,000 to 2,000,000 gals.; mains, c. l.; 23 m., 4 to 16 in. dia.; 98 hyd.; 98 v.; 48 met.; 1,900 serv.; pres., f. 75 to 90 lbs.; cons. day, 850,000 gals.; cost, \$325,000; cost mtce., \$2,000; wks. owned by city.

BROWNSVILLE, p. 2,882; f. area, 25 a.; merc. bldgs., stn., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 h. & 1 trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,100 ft.; val. equip., \$1,700; exp. dept., \$790; tot. mem., 15, pd. part time; undrs. rating, fifth class.

Water Supply—Src., wells, 200 yds. bus. cent.; sys., grav., pump to res. & stdp. dir.; stdp. cap., 50,000 gals., dim. 18 x 22, loc. near public sq., mat. wd. & iron; res. cap., 103,000 gals.; 4 pump. eng., cap. day, 1,916,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 23 v.; 80 hyd.; 240 met.; 280 serv.; pipe, wrt. l.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 150,000 gals.; cost, \$42,000; cost mtce., \$5,000; wks. owned by city.

CHATTANOOGA, p. 44,604; f. area, 5 2-3 sq. m.; merc. bldgs., stn. & conc., 2 to 14 stor.; priv., bk. & wd., 1 to 5 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. pump. eng., 2 chiefs

Water Supply—Src., artesian wells; sys., dir. pres. from well; mains, black iron, 8 m., 3, 4 & 6 in. dia.; 29 hyd.; 15 v.; 162 serv.; pipe, lead; pres., dom. 80 lbs., f. 130 to 153 lbs.; cost, \$13,500; cost mtce., \$450; wks. owned by city.

WORTHING, p. 160; f. area, 80 a. F. dept.—1 c. eng.; f. al., bell; val. equip., \$800; vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir.; 2 pump. eng.

YANKTON, p. 3,787; f. area, 1,280 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 h. & 1 trk., 1 ser. trk., 1 hose wag., 3 hose carts; hose, cot., rub. lined, gd., 4,000 ft.; inf., 500 ft.; tot. hose, 4,500 ft.; f. al., bell & wh.; val. equip., \$7,000; val. bldgs., \$15,000; exp. dept., \$1,000; tot. mem., 80 vol.

Water Supply—Src., wells; sys., pump to tk. & dir.; tk. cap., 200,000 gals.; cap. day, 216,000 gals.; mains, wd. & c. i., 12 m., 4 to 10 in. dia.; 53 hyd.; 59 v.; 550 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 55 lbs.; cons. day, 300,000 gals.; cost, \$75,000; cost mtce., \$2,000; wks. owned by city.

TENNESSEE

auto., 6 str., 4 comb. c. & h. wag., 2 hose reels, 1 c. eng., 1 aer. trk., 35 hrs.; hose, cot., rub. lined, gd., 16,000 ft.; c. i., 1,300 ft.; f. al., telp. & Gamewell, 77 bx.; val. bldgs. & equip., \$300,000; exp. dept., \$85,000; tot. mem., 77, pd. full time; undrs. rating, first class.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., pump dir.; stdp. cap., 176,000 gals.; dim. 75 x 20, loc. 160 ft. above city; res. cap., 3,500,000 gals.; 6 pump. eng., class comp. trip. exp. & con.; cap. day, 47,000,000 gals.; mains, c. & wrt. i., 202 m., 2 to 24 in. dia.; 373 hyd.; met., 12,500; 14,408 serv.; pipe, galv. i.; pres., dom. & f. 70 lbs.; wks. owned by priv. Co.

CLARKSVILLE, p. 8,458; f. area, 200 a.; bldgs., bk. & stn., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 comb. c. & h. wag., 3 h. & 1 trk., 4 reels, 6 hrs.; hose, cot., rub. lined, gd., 3,900 ft.; f. al., bell & telp.; val. equip., \$11,000; val. bldgs., \$5,000; exp. dept., \$4,700; tot. mem., 26, pd. full time 5, vol. 30; undrs. rating, second class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 867,000 gals., dim. 100 x 26, mtl. std.; 5 pump. eng., class hor. & vert., cap. day 3,750,000 gals.; mains, c. l., 14½ m., 3 to 12 in. dia.; 130 hyd.; 99 v.; 1,000 serv.; pipe, wrt. l. & lead; pres., dom. 55 lbs., f. 55 lbs.; cons. day, 1,250,000 gals.; cost, \$110,000; cost mtce., \$16,000; wks. owned by city.

CLEVELAND, p. 5,649; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. wag. with 60 gal. c. tk., 2 c. hand ex., 1 comb. c. & h. wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 1,009 ft.; rub., gd., 400 ft.; inf., 700 ft.; tot. hose, 2,100 ft.; f. al., Gamewell, 18 bx.; val. equip., \$5,000; exp. dept., \$750; tot. mem., 15, pd. full time 2, 13 vol.

Water Supply—Src., spr., 2½ m. bus. cent.; sys., grav. & dir.; res. cap., 1,600,000 gals., mat. conc., loc. 150 ft. above city; 2 pump. eng., cap. min. 1,120 gals.; mains, c. l., 14 m., 4 to 10 in. dia.; 64 hyd.; 87 v.; 867 met.; 876 serv.; pipe, galv. i. & lead; pres., dom. 65 lbs., f. 90 lbs. to 100 lbs.; wks. owned by city.

CLINTON, p. 1,090; merc. bldgs., bk., 2 to 3 stor.; priv., frame, 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—300 ft. hose; mem., vol.

Water Supply—Well, 1 m. bus. cent.; sys., grav.; mains, wrt. l., 1 m., 3 to 5 in. dia.; 5 hyd.; cost, \$5,000; wks. owned by priv. corporation.

COAL CREEK, p. 3,000; f. area, 1 m. F. dept.—2 hose carts, 1,000 ft. hose, ladders; f. al., bell; val. equip., \$1,000; tot. mem., 25 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 50,000 gals.; pump. eng., cap. day 40,000 gals.; mains, 2 m.; 75 hyd.; 15 met.; pres., dom. 80 lbs., f. 100 lbs.; cost, \$12,000; wks. owned by priv. Co.

COLLIERVILLE, p. 802. F. dept.—1 hose cart; hose, 300 ft.; 50 vol.

Water Supply—Src., wells; stdp. cap., 50,000 gals.; 2 pumps, cap. 7,000 gals. hour; pres., 40 lbs.

COLUMBIA, p. 5,754; f. area, 700 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 1 c. eng., 3 hose reels, 3 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 12 bx.; val. equip., \$4,875; val. bldgs., \$1,750; exp. dept., \$5,500; tot. mem., 28, pd. full time 12, vol. 16; undrs. rating, fourth class.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals., loc. Mt. Parnassus; 2 pump. eng., cap. day 1,000,000 gals.; mains, wrt. & c. i., 8 m., 4 to 8 in. dia.; 85 hyd.; 26 v.; met., 38; 950 serv.; pipe, iron; pres., dom. 90 lbs., f. 90 lbs.; cons. day, 600,000 gals.; cost, \$50,000; cost mtce., \$6,000; wks. owned by Co.

COOKEVILLE, p. 1,848. F. dept.—3 hose carts, 1,200 ft. hose; tot. mem., 24 vol.

Water Supply—Src., wells; sys., pump dir.; res. cap., 80,000 gals.; 2 pumps, pres., 125 lbs.; mains, 1 m., 6 to 8 in.; 20 hyd.

COVINGTON, p. 2,990; f. area, 252 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 3 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., telp. & wh.; val. equip., \$2,200; val. bldgs., \$2,000; exp. dept., \$550; tot. mem., 18, 1 pd. full time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; res. cap., 100,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. i. & galv. i., 7 m., 4 to 8 in. dia.; 52 hyd.; met., 78; pres., dom. 50 lbs., f. 125 lbs.; cons. day, 200,000 gals.; cost, \$15,000; cost mtce., \$1,800; wks. owned by city.

DAYTON, p. 1,991; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 c. eng., 1 hose car.; hose, 120 ft.; f. al., wh.; val. equip., \$900; tot. mem., 35 vol.; undrs. rating, sixth class.

Water Supply—Src., spr., creeks & wells; sys., pump to res.; pres., 100 lbs.; wks. owned by city.

DICKSON, p. 3,000. F. dept.—1 h. & l. wag., 3 hose reels, 1,500 ft. cot., rub. lined, hose; val. equip., \$1,000; tot. mem., vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; 2 pump. eng.; pres., dom. 40 lbs., f. 150 lbs.; wks. owned by city.

DYER, p. 1,166. F. dept.—2 h. & l. trk.

Water Supply—7 wells.

DYERSBURG, p. 4,149; f. area, 50 a.; merc. bldgs., bk. & stn., 3 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 h. & l. trk., 6 c. hand ex., 2 hrs.; hose, cot., rub. lined, gd., 1,150 ft.; inf., 250 ft.; tot. hose, 1,400 ft.; f. al., telp.; val. equip., \$2,000; val. bldgs., \$4,000; exp. dept., \$1,800; tot. mem., 8, pd. full time; undrs. rating, second class.

Water Supply—Src., riv. & wells; sys., pump dir.; stdp. cap., 215,000 gals.; dim., 50 x 27 loc. 150 ft. above City Hall sq.; 2 pump. eng.; cap. day, 2,000,000 gals.; mains, 10 m., 4 to 12 in. dia.; 75 hyd.; met., 22; 500 serv.; pres., dom. 80 lbs., f. 150 lbs.; cons. day, 500,000 gals.; cost, \$83,000; cost mtce., \$8,000; wks. owned by city.

ELIZABETHTON, p. 3,500; f. area, 2 m. F. dept.—3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$3,000; exp. dept., \$500; tot. mem., 31, pd. full time; undrs. rating, fourth class.

Water Supply—Src., spr., 5 m. bus. cent.; sys., grav.; res. cap., 10,000,000 gals.; 1 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 9 m., 4 to 14 in. dia.; 50 hyd.; 40 v.; 475 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 120 lbs.; cost, \$80,000; cost mtce., \$1,500; wks. owned by priv. Co.

FAYETTEVILLE, p. 3,439; f. area, 1,000 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 c. hand ex., 1 hose wag., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 50 ft.; tot. hose, 1,850 ft.; f. al., bell & wh.; val.

equip., \$1,500; val. bldgs., \$2,000; tot. mem., 20, pd. part time 8, 12 vol.

Water Supply—Src., spr., 5 m. bus. cent.; sys., grav.; res. cap., 200,000 gals., loc., 155 ft. above city; 1 pump. eng.; cap. day, 250,000 gals.; mains, c. i., 12 m., 4 to 10 in. dia.; 56 hyd.; 28 v.; 39 met.; 650 serv.; pres., dom. 90 lbs., f. 90 lbs.; cons. day, 100,000 gals.; cost, \$40,000; cost mtce., \$200; wks. owned by city.

FRANKLIN, p. 2,924; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 1 to 2 $\frac{1}{2}$ stor.; wd. rfs. not perm. in f. district; fwks. ord.; f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car., 1 hose wag., 3 c. ex.; hose, 1,200 ft.; val. equip., \$3,000; 25 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 500,000 gals., & stdp., cap. 103,000 gals.; pres., 27 to 50 lbs.

GALLATIN, p. 2,899; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 4 c. hand ex., 1 hose wag., 1 comb. c. & h. wag., 1 h. & l. trk., 2 hrs.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., bell, telp. & wh.; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$700; tot. mem., 16, pd. full time 1, vol. 15.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 165,000 gals., dim. 125 x 15, loc. 25 ft. above city; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 3 $\frac{1}{2}$ m., 4 to 8 in. dia.; 47 hyd.; met., 76; pres., dom. 65 lbs., f. 85 lbs.; cost, \$40,000.

GREENFIELD, p. 1,516; bldgs., wd., 1 to 2 $\frac{1}{2}$ stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 3 17-ft. ladders; nose, cot., rub. lined, gd., 100 ft.; rub. gd., 300 ft.; tot. hose, 400 ft.; tot. mem., 10 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & comp. air.; stdp. cap., 22,000 gals., dim. 12 x 25, mat. stl.; mains, c. i., 1 m., 4 in. dia.; 7 hyd.; pres., dom. 30 lbs., f. 30 lbs.; cons. day, 60,000 gals.; cost, \$6,000; cost mtce., \$1,500; wks. owned by priv. Co.

GREENVILLE, p. 1,920; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 4 hose reels; hose, cot., rub. lined, gd., 1,200 ft.; inf., 600 ft.; tot. hose, 1,800 ft.; f. al., telp.; val. equip., \$1,600; val. bldgs., \$200; exp. dept., \$150; tot. mem., 36 vol.; undrs. rating, fourth class.

Water Supply—Src., spr., in bus. cent.; sys., dir. pres.; res. cap., 30,000 gals.; 2 pump. eng., cap. day 1,600,000 gals.; mains, c. i. & stl., 5 $\frac{1}{2}$ m., 3 to 8 in. dia.; 45 hyd.; met., 20; 400 serv.; pipe, galv. i.; pres., dom. 90 lbs., f. 100 to 140 lbs.; cost, \$23,000; cost mtce., \$3,000; wks. owned by city.

HARRIMAN, p. 3,061; f. area, 100 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk., 5 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., elec., 14 bx.; val. equip., \$4,000; val. bldgs., \$1,500; tot. mem., 75 vol.; undrs. rating, fourth class.

Water Supply—Src., riv.; sys., pump dir.; res. cap., 1,125,000 gals.; 2 pump. eng., class vert. comp., cap. day 1,500,000 gals.; mains, c. i., 8 $\frac{1}{2}$ m., 4 to 16 in. d.a.; 51 hyd.; 30 v.; met., 8; 401 serv.; pipe, black i.; pres., dom. 125 lbs., f. 90 to 150 lbs.; cons. day, 300,000 gals.; cost, \$98,000; cost mtce., \$2,000; wks. owned by city.

HUMBOLDT, p. 3,446; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 hose wag., 2 hose carts, 1 hr.; hose, cot., rub. lined, gd., 800 ft.; val. equip., \$750; tot. mem., 15 vol.; undrs. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, c. i., 3 m., 4 to 10 in. dia.; 31 hyd.; 11 v.; 850 serv.; pipe, galv. i.; pres., dom. 40 to 50 lbs., f. 80 to 100 lbs.; cons. day, 225,000 gals.; cost, \$22,000; cost mtce., \$3,500; wks. owned by city.

HUNTINGDON, p. 1,112. F. dept.—3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; tot. mem., 15 vol.; undrs. rating, fifth class.

Water Supply—Src., wells, 500 yds. bus. cent.; sys., pump dir.; 2 pump. eng.; mains, c. & wrt. 1, 8 m., 3 to 9 in. dia.; 30 hyd.; 200 serv.; pipe, galv. iron; pres., dom. 60 lbs., f. 125 lbs.; cons. day, 100,000 gals.; cost, \$15,000; cost mtce., \$2,000; wks. owned by city.

JACKSON, p. 15,779; f. area, 2 sq. m.; merc. bldgs., bk. 2 & 3 stor.; priv., bk. & wd., 1½ & 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. auto. str. & h. wag., 2 comb. c. & h. & l. trk., 2 hose wag., 4 hrs.; hose, 3,000 ft.; f. al., Gamewell, 18 bx.; val. equip., \$9,000; val. bldgs., \$6,000; exp. dept., \$3,700; tot. mem., 150, pd. full time 20, vol. 130.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump dir.; res. cap., 17,500,000 gals.; 2 pump. eng., cap. day 9,000,000 gals.; mains, c. l., 25 m., 2 to 16 in. dia.; 250 hyd.; met., 40; 2,800 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 120 lbs.; cons. day, 2,000,000 gals.; cost, \$160,000; cost mtce., \$15,000; wks. owned by city.

JELLICO, p. 1,000. F. dept.—3 hose reels, 2, 000 ft. hose; vol.

Water Supply—Src., wells; sys., pump.; 2 pump. eng.; pres., f. 90 lbs.; cost, \$75,000; wks. owned by city.

JOHNSON CITY, p. 8,502; merc. bldgs., bk. & limestone, 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. only in residences; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., Gamewell; val. equip., \$2,500; val. bldgs., \$700; tot. mem., 11, pd. full time 2, vol. 9; undrs. rating, fourth class.

Water Supply—Src., Big Blue Springs, 2 to 5 m. bus. cent.; cap. spgs., 2,500,000 gals.; sys., grav.; new conc. res. cap., 4,000,000 gals.; pump. eng., class dup., cap. day 1,750,000 gals.; mains, c. l., 48 m., 3 to 14 in. dia.; 87 hyd.; 55 v.; 3 met.; 2,048 serv.; pipe, c. l.; pres., dom. 65 to 55 lbs., f. 65 to 95 lbs.; cost, \$265,000; cost mtce., \$3,000; wks. owned by city.

JONESBORO, p. 806; f. area, 960 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 1 & 2 stor.; few wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose car., 1 hose wag., 2 extension ladders; hose, cot., 500 ft.; f. al., bell; 2 hrs. hired; val. equip., \$500; val. bldgs., \$50 to \$75; mem., 40 vol.; undrs. rating, fifth class.

Water Supply—Src., strum., spr., well & cisterns.

KNOXVILLE, p. 36,346; merc. bldgs., bk., 3 to 10 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—5 str., 4 comb. c. & h. wag., 18 c. hanu ex., 1 c. eng., 1 h. & l. trk., 1 aer. trk., 1 water tower, 2 hose car., 2 wag., 36 hrs.; hose cot., rub. lined, gd., 11,800 ft.; f. al., Gamewell, Gaynor, 176 bx.; val. equip., \$66,000; val. bldgs., \$90,000; exp. dept., \$76,088; tot. mem., 72, pd. full time; undrs. rating, first class.

Water Supply—Src., riv.; sys., pump to res. & stdp.; 2 stdp., cap. 765,000 gals., dim. 85 x 32 & 75 x 25; res. cap., 3,750,000 gals.; 5 pump. eng.; cap. day, 28,000,000 gals.; mains, c. & wrt. i., 101½ m., 4 to 20 in. dia.; 460 hyd.; 1,095 v.; met., 4,850; 10,930 serv.; pipe, galv. & wrt. i.; pres., dom. 40 to 110 lbs., f. 75 to 130 lbs.; cost, \$1,800,000; wks. owned by Co.

LA FOLLETTE, p. 3,000; f. area, ½ sq. m. F. dept.—2 hose reels, 500 ft. hose; vol.

Water Supply—Src., Philip Riv., 1 m. bus. cent.; sys., pump to res. & dir. pres.; 2 pump. eng., combined cap. day 750,000 gals.; mains, c. l., 6 m.; 33 hyd.; pres. dom. 60 to 100 lbs., f. 125 to 195 lbs.; wks. owned by pr.v. Co.

LAWRENCEBURG, p. 1,687; f. area, 800 a. F. dept.—1 c. eng., 4 c. hand ex., 1 h. & l. trk., 4 hand hose reels; hose, 1,500 ft.; f. al., telp., bell, wh. & elec.; val. equip., \$2,700; val. bldgs., \$400; exp. dept., \$600; tot. mem., 20 vol.

Water Supply—Src., spr., cap. 1,500,000 gals. day; sys., grav. & dir.; res. cap., 100,000 gals.; 2 pump. eng., class trip., cap. day 504,000 gals.; mains, 7 m., 6 to 10 in. dia.; 70 hyd.; 120 v.; pres., dom. & f., 55 lbs.; cost, \$90,000; cost mtce., \$3,600; wks. owned by city.

LEBANON, p. 8,659; f. area, 10 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1 & 2

stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 c. eng., 1 hose car.; hose, rub., gd., 500 ft.; f. al., bell; val. bldgs., \$1,000; exp. dept., \$500; tot. mem., 25, pd. full time 1, vol. 24; undrs. rating, fourth class.

Water Supply—Src., deep well; sys., pump to stdp. & compressed air; stdp., cap., 75,000 gals., dim. 75 x 12½; 2 pump. eng., cap. day 250,000 gals.; mains, 3 m., 6 in. dia.; 35 hyd.; 2 v.; pres., dom. 60 lbs., f. 50 lbs.; cost mtce., \$24,000; wks. owned by Cedar City Mills.

LENOIR CITY, p. 6,000; f. area, 1 sq. m. F. dept.—1 h. & l. trk., 3 hose reels, 1,500 ft. hose; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 24 vol.

Water Supply—Src., res.; sys., pump dir.; 2 pump. eng.; pres., f. 98 lbs.; cost, \$60,000; wks. owned by city.

LEWISBURG, p. 1,830; f. area, 150 a. F. dept.—2 hose reels, 1 h. & l. trk., 4 hand ex., 1,000 ft. hose; val. equip., \$1,800; val. bldgs., \$1,300; exp. dept., \$100; tot. mem., 25 vol.

Water Supply—Src., spr.; sys., grav.; stdp., cap. 100,000 gals.; 1 pump. eng., cap. day 250,000 gals.; 33 hyd.; 10 v.; 375 serv.; mains, 7½ m.; pres., dom. & f., 75 lbs.; cost, \$60,000; cost mtce., \$1,000; wks. owned by city.

LEXINGTON, p. 2,000. F. dept.—4 hose reels, 2,000 ft. hose; f. al., bell; val. equip., \$2,000; vol.

Water Supply—Src., wells; sys., grav. & dir. pres.; stdp., cap., 80,000 gals.; res. cap., 44,000 gals.; 2 pump. eng.; cap. day, 1,080,000 gals.; mains, 3½ m.; 40 hyd.; 26 v.; 30 serv.; pres., dom. 45 lbs., f. 125 lbs.; cost, \$65,000; wks. owned by city.

MCKENZIE, p. 1,322; f. area, 5 a. F. dept.—500 ft. hose; val. equip., \$350; tot. mem., 9 vol. Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp., cap., 50,000 gals.; res. cap., 250,000 gals.; 2 pump. eng.; mains, c. l., 8½ m., 4 to 8 in. dia.; 32 hyd.; 18 met.; 250 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 110 lbs.; cons. day, 110,000 gals.; wks. owned by city.

MCMINNVILLE, p. 2,299. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell, telp. & wh.; tot. mem., 24 vol.; undrs. rating, fifth class.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to stdp.; stdp., cap., 250,000 gals., dim. 16 x 125, mat. stl.; 2 pump. eng., class comp. dup., cap. day 1,750,000 gals.; mains, c. l., 15 m., 4 to 10 in. dia.; 45 hyd.; 54 v.; 140 serv.; 12 met.; pipe, galv. i.; pres., dom. 50 lbs., f. 65 to 100 lbs.; cons. day, 100,000 gals.; cost, \$40,000; cost mtce., \$300; wks. owned by city.

MARTIN, p. 2,228; f. area, 16 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., wh.; tot. mem., 16 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 115,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. l., 6 m., 4 to 10 in. dia.; 45 hyd.; 500 serv.; pipe, galv. i.; pres., dom. 30 lbs., f. 90 to 125 lbs.; cons. day, 150,000 gals.; cost, \$41,000; cost mtce., \$6,000; wks. owned by city.

MEMPHIS, p. 131,105; f. area, 19.3 m.; merc. bldgs., strn. & bk., 1 to 20 stor.; priv., bk. & wd., 1, 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk. (1 in reserve), 12 str. (3 in reserve), 1 c. eng. (1 in reserve), 27 c. hand ex., 3 aer. trk., 7 comb. c. & h. wag. (1 in reserve), 2 auto. pumpers, 1 chief's auto., 5 hose reels (2 in reserve), 1 water tower, 90 hrs.; hose, cot., rub. lined, gd., 26,500 ft.; far, 3,000 ft.; inf., 3,000 ft.; tot. hose, 31,500 ft.; f. al., Gamewell elec., 87 bx.; val. equip., \$333,123; val. bldgs., \$378,350; exp. dept., \$229,536; tot. mem., 177; pd. full time 162, vol. 15.

Water Supply—Src., wells, surrounding the city on the north, east & south, 1 to 5 m. bus. cent.; 3 sys., No. 1, underground tunnel to deep well, dir. to mains, cap. 400,000 gals., dim. 20 x 160 ft., mat. stl.; 3 pump. eng., cap. 30,000,000 gallons; No. 2, 1 air lift sys., compressor, cap. 6,000,000 gals.; No. 3, 1 pump. sys., comprising 12 segregated units, cap. 12,000,000 gals.; mains, c. l., 250 m., 4 to 36 in. dia.; hyd., 1,525; v., 2,855;

met., 12,600; serv., 23,000; pipe, lead; dom. pres., 60 lbs.; cons. day, 13,652,348 gals.; cost, \$3,500,000; wks. owned by city.

MILAN, p. 1,605; merc. bldgs., bk., 2 stor., priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,400 ft.; f. al., wh.; tot. mem., 16 vol. dia.; 31 hyd.; 300 serv.; pres., dom. 40 lbs., f.

Water Supply—Src., wells; sys., pump to res. & dir.; 2 pump. eng.; mains, 8 m., 2 to 10 in. 120 to 150 lbs.; cost, \$20,000; wks. owned by city.

MORRISTOWN, p. 4,007; merc. bldgs., bk. & iron, 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 1,500 ft.; tot. hose, 3,000 ft.; val. equip., \$2,300; val. bldgs., \$250; tot. mem., 56; undra. rating, second class.

Water Supply—Src., spr., 2 & ½ m. bus. cent.; sys., pump to res. & dir.; res. cap., 750,000 gals., loc. 250 ft. station; 4 pump. eng., cap. day 200,000 gals.; mains, c. i., 14 m., 4 to 10 in. dia.; 101 hyd.; 350 met.; 700 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 90 lbs.; cons. day, 300,000 gals.; cost, \$85,000; cost mtce., \$5,800; wks. owned by city.

MOUNT PLEASANT, p. 1,973. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & telp.; tot. mem., 18 vol.; undra. rating, third class.

Water Supply—Src., spr., 9 m. bus. cent.; sys., grav., pump to stdp.; stdp. cap., 40,000 gals.; res. cap. 263,000 gals.; 1 pump. eng.; cap. day, 130,000 gals.; mains, 15 m., 4 to 8 in. dia.; 50 hyd.; 200 met.; pres., dom. 65 lbs., f. 85 lbs.; cons. day, 150,000 gals.; cost, \$48,000; cost mtce., \$840; wks. owned by city.

MURFREESBORO, p. 4,679; f. area, 700 a.; merc. bldgs., stn. & bk., 2 to 3 stor.; priv. bldgs., wd., bk., stn., iron, 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & telp.; val. equip., \$3,000; val. bldgs., \$5,000; tot. mem., 27, pd. full time 5; undra. rating, third class.

Water Supply—Src., spr.; sys., pump dir.; stdp. cap., 80,000 gals.; dim., 120 x 10; res. cap., 250,000 gals.; 2 pump. eng., cap. day 1,728,000 gals.; mains, 5 m., 4 to 6 in. dia.; 54 hyd.; 25 v.; met., 475; 712 serv.; pres., dom. 80 lbs., f. 150 lbs.; cons. day, 400,000 gals.; cost, \$110,000; cost mtce., \$11,700; wks. owned by Co.

NASHVILLE, p. 110,864; f. area, 17.40 sq. m.; merc. bldgs., stn. & bk., 4 to 12 stor.; priv. bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 auto. trip. comb. str., 1 h. & 1 trk., 11 str., 2 c. eng., 12 c. hand ex., 2 ser. trk., 9 comb. c. & h. wag., 5 hose car., 59 hrs.; hose, cot., rub. lined, gd., 13,350 ft.; rub., gd., 1,550 ft.; c., 1,950 ft.; inf., 4,000 ft.; tot. hose, 20,850 ft.; f. al., elec., 58 bx.; val. equip., \$800,000; val. bldgs., \$151,000; exp. dept., \$168,300; tot. mem., 114, pd. full time.

Water Supply—Src., Cumberland Riv., 4 m. bus. cent.; sys., pump to res.; res. cap., 51,000,000 gals., loc. 308 ft. above low water in Cumberland Riv.; 4 pump. eng., cap. day 50,000,000 gals.; mains, c. i., 155 m., 4 to 36 in. dia.; 1,335 hyd.; 1,873 v.; 11,027 met.; 15,816 serv.; pipe, lead; pres., dom. 20 to 90 lbs.; cons. day, 12,000,000 gals.; cost, \$2,030,000; cost mtce., \$68,070; wks. owned by city.

NEWBERN, p. 1,602; f. area, 20 a.; bldgs., bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—4 hose carts, 2 hand reels; hose, cot., rub. lined, gd., 900 ft.; rub., gd., 500 ft.; tot. hose, 1,400 ft.; f. al., wh.; val. equip., \$1,500; tot. mem., 12, pd. full time 9, vol. 3; undra. rating, third class.

Water Supply—Src., 2 wells; sys., pump to stdp.; stdp. cap., 80,000 gals.; 2 pump. eng., cap. day 400,000 gals.; mains, 4½ m., 4 to 8 in. dia.; 174 hyd.; pres., dom. 75 lbs., f. 100 lbs.; cost, \$80,000; cost mtce., \$2,600; wks. owned by Co.

PARIS, p. 3,881; merc. bldgs., bk., 1 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm. F. dept.—1 h. & 1 trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 32 vol.; undra. rating, third class.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to res. & stdp.; stdp. cap., 70,000 gals., dim. 20 x 30, loc. at station, mat. sil.; res. cap., 70,000 gals., loc. at station; 2 pump. eng., class dup. comp., cap. day 2,000,000 gals.; mains, c. i., 10 m., 4 to 10 in. dia.; 54 hyd.; 50 v.; met., 50; 700 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 to 150 lbs.; cons. day, 400,000 gals.; cost, \$50,000; cost mtce., \$8,000; wks. owned by city.

PULASKI, p. 2,928; f. area, 640 a.; merc. bldgs., bk., wd., stn., 1 & 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & 1 trk., 3 hose carts, 1 hand hose reel; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$3,500; exp. dept., \$640.68; tot. mem., 25, pd. part time; undra. rating, second class.

Water Supply—Src., spr. & creek, 1,500 ft. bus. cent.; sys., grav. & pump to res.; 2 res., combined cap., 750,000 gals.; 2 pump. eng., class trip., cap. day 1,250,000 gals.; mains, c. i., 5 m., 4 to 6 in. dia.; 39 hyd.; 26 v.; met., 100; 300 serv.; pres., 110 to 140 lbs.; cons. day, 500,000 gals.; cost, \$55,000; cost mtce., \$2,500; wks. owned by Co.

RIPLEY, p. 2,011. F. dept.—1 h. & 1 trk., 1 hose wag.; hose, cot., rub. lined, gd., 500 ft.; f. al., gong; tot. mem., 15 vol.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 80,000 gals., dim. 15 x 72, loc. 72 ft. high., mat. stl.; 2 pump. eng., cap. day 300,000 gals.; mains, wrt. i., 2 m.; 19 hyd.; 140 serv.; pipe, wrt. i.; pres., dom. 40 lbs., f. 85 lbs.; cons. day, 40,000 gals.; cost, \$2,000; wks. owned by Co.

ROCKWOOD, p. 3,660; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 1 hose wag.; hose, 750 ft.; val. equip., \$800; tot. mem., 12 vol.; undra. rating, fourth class.

Water Supply—Src., spr., 3 m. bus. cent.; sys., pump to res.; res. cap., 3,000,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 3½ m., 4 to 10 in. dia.; 40 hyd.; 22 v.; met., 10; 312 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 90 lbs.; cons. day, 500,000 gals.; cost, \$21,000; cost mtce., \$1,800; wks. owned by city.

SHELBYVILLE, p. 2,869; f. area, 40 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor. F. dept.—2 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose carts, 1 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., elec.; tot. mem., 8, pd. full time; undra. rating, third class.

Water Supply—Src., riv., 200 yds. bus. cent.; sys., pump to stdp.; stdp. cap., 160,000 gals., dim. 17½ x 30, mat. iron; 2 pump. eng., cap. day 500,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 30 hyd.; 70 met.; 240 serv.; pipe, galv. i.; pres., dom. 50 lbs.; f. 80 to 120 lbs.; cons. day, 100,000 gals.; wks. owned by Co.

SOMMERVILLE, p. 1,387. F. dept.—2 hose carts; f. al., bell; hose, 1,000 ft.; 20 vol.

Water Supply—Src., 4 wells; sys., pump dir.; tk. cap., 50,000 gals.; 1 pump., cap. day 280,000 gals.; mains, 1½ m.; 25 hyd.; pres., 40 to 100 lbs.

SOUTH PITTSBURGH, p. 2,106; f. area, 200 a.; merc. bldgs., wd., bk., iron, 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—3 extension ladders, 1 h. & 1 trk., 4 hose reels; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell, wh. & telp.; val. equip., \$2,500; val. bldgs., \$600; tot. mem., 80 vol.; undra. rating, fifth class.

Water Supply—Src., spr. & riv.; sys., grav. & pump dir.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 5 m.; 25 hyd.; 30 v.; pres., dom. 80 to 90 lbs., f. 100 to 150 lbs.; wks. owned by Co.

SPARTA, p. 1,700. F. dept.—2 c. eng.; f. al., bell; val. equip., \$200; vol.

Water Supply—Not reported.

SPRINGFIELD, p. 2,085. F. dept.—1 h. & 1 trk., 3 hose carts; hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$1,500; exp. dept., \$300; tot. mem., 16 vol.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals.; dim., 20 x 30; mat., stl.; 2 pump. eng., class trip., cap. day, 1,008,000 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 50 hyd.; 350 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 50 to 60 lbs.; cons. day, 250,000 gals.; wks. owned by city.

SWEETWATER, p. 2,500; f. area, 100 a. F. dept.—2 hose reels; f. al., bell; val. equip., \$1,500; vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump; 2 pump. eng., cap. day 75,000 gals.; 40 hyd.; pres., dom. 70 lbs., f. 125 lbs.; cost, \$33,000; wks. owned by city.

TRENTON, p. 2,402; f. area, 300 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 aer. trk., 2 hose carts; hose, cot., rub. lined, gd., 900 ft.; inf., 200 ft.; tot. hose, 1,100 ft.; f. al., wh. & telp.; val. equip., \$1,600; val. bldgs., \$750; exp. dept., \$1,700; tot. mem., 16, pd. part time.

Water Supply—Src., wells, 1,000 ft. bus. cent.; sys., pump dir.; res. cap., 60,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 85 hyd.; 175 serv.; pres., dom. 45 lbs., f. 50 lbs.; cost, \$15,000; cost mtce., \$1,700.

TULLAHOMA, p. 3,049; bldgs., bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 1 comb. c. & h. wag., 2 c. hand ex.; hose, cot., rub. lined, gd., 1,750 ft.; f. al., bell; tot. mem., 17 vol.; undrs. rating, third class.

Water Supply—Src., wells; sys., pump to res., to stdp. & dir.; stdp. cap., 75,000 gals., 120

ft. high, mat. iron; res. cap., 80,000 gals.; 1 pump. eng., class trip., cap. day 750,000 gals.; mains, c. i., 33,150 ft., 4 to 8 in. dia.; 54 hyd.; 25 v.; 205 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 150 lbs.; cons. day, 60,000 gals.; cost, \$360,000; wks. owned by city.

UNION, p. 4,389; f. area, 800 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., elec., 11 bx.; val. equip., \$1,250; exp. dept., \$400; tot. mem., 20, pd. full time 2, vol. 18; undrs. rating, second class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to res.; res. cap., 60,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 8 m., 4 to 10 in. dia.; 82 hyd.; 595 serv.; pipe, galv. i.; pres., dom. 20 lbs., f. 70 to 90 lbs.; cost, \$70,000; cost mtce., \$6,000; wks. owned by city.

WINCHESTER, p. 1,351; merc. bldgs., bk., 2 stor.; priv., wd., 1 story; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose wag.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$800; tot. mem., 65 vol.; undrs. rating, second class.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., pump to tk. & dir.; stdp. cap., 65,000 gals., dim. 32 x 18; pump driven by elec. motor, cap. day 1,000,000 gals.; mains, c. i., 7 m., 4 to 4 in. dia.; 48 hyd.; 28 v.; pres., dom. 50 lbs., f. 50 lbs.; wks. owned by Co.

Places with a population of 1,000 or more having no organized fire dept.—Camden, Centerville, Dechard, Erin, Henderson, Goodlettsville, Hartsville, Hill City, Jefferson City, Manchester, Marysville, Monterey, Obion, Rogersville, Rutherford, Savannah, Sharon, Soddy, Spring City, Tracy City, Whitwell.

Places with a population of 1,000 or more not reported—Newport.

TEXAS

ABBOTT HILL, p. 550. No f. dept.

Water Supply—Src., artesian well; sys., pump to res. & mains.

ABILENE, p. 9,204; f. area, 1,280 a.; bldgs., bk., 2 & 3 stor.; wd. rfs. not perm. F. dept.—1 auto. str., 1 c. eng., 1 comb. wag., 6 c. hand ex., 1 h. & 1 trk., 3 hose carts, 6 hrs.; hose, cot., rub. lined, gd., 3,700 ft.; f. al., bell & telp.; val. equip., \$10,500; v. bldgs., \$5,000; exp. dept., \$3,000; tot. mem., 52, pd. full time 2, 50 vol.; undrs. rating, second class.

Water Supply—Src., Lythe lake; sys., pump to stdp.; 2 stdp., cap. 440,000 gals., dim. 85 x 12, 60 x 32; res. cap., 800,000,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, 20 m., 4 to 8 in. dia.; 76 hyd.; 12 v.; met., 800; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 400,000 gals.; cost, \$125,000; cost mtce., \$5,000; wks. owned by Abilene Light & Water Co.

ALICE, p. 3,500. F. dept.—2 hose carts, 500 ft. hose; f. al., bell; 30 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump; 1 pump. eng., cap. hour 24,000 gals.; 9 hyd.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$19,000; wks. owned by city.

ALVARDO, p. 1,155. F. dept.—1 hose cart, 1 h. & 1 trk., 800 ft. hose; vol.

Water Supply—Src., wells; sys., pump dir. & grav.; stdp. dim., 12 x 100 ft.; 10 hyd.

AMARILLO, p. 9,957; merc. bldgs., stn., bk. & wd. F. dept.—1 auto. h. & 1 trk., 1 auto. c. eng., 6 c. hand ex., 2 auto. comb. c. & h. wag.; hose, 4,100 ft.; f. al., telp.; val. equip., \$15,500; val. bldgs., \$10,000; exp. dept., \$4,800; tot. mem., 29, pd. full time 6, vol. 23. Key rate for insurance, 44 cents.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; stdp. cap., 60,000 gals., dim. 20 x 22, mat. stl.; res. cap., 1,000,000 gals.; pump. eng., cap. day, 800,000 gals.; mains, c. & wrt. l., 40 m., 2 to 10 in. dia.; 132 hyd.; 1,500 met.; 1,800

serv.; pipe, galv. i.; pres., dom. 30 lbs., f. 100 lbs.; cons. day, 600,000 gals.; wks. owned by priv. Co.

ANSON, p. 2,500; f. area, 320 a. F. dept.—3 hose carts, 1 h. & 1 trk., 1,500 ft. hose; val. equip., \$2,000; val. bldgs., \$800; exp. dept., \$125; tot. mem., 40 vol. Key rate, 90 cents.

Water Supply—Src., wells & lake, 1 m. bus. cent.; sys., pump to stdp.; 1 pump. eng., cap. day 500,000 gals.; mains, 4 m., 4 to 8 in. dia.; 28 hyd.; 14 v.; pres., dom. 60 lbs., f. 120 lbs.; cost, \$28,000; cost mtce., \$1,800; wks. owned by city.

ARLINGTON, p. 1,794; f. area, 4 blocks. F. dept.—1 h. & 1 trk., 2 hose reels, 1,000 ft. hose; f. al., bell & wh.; val. equip., \$1,000; tot. mem., 20 vol. Key rate for insurance, \$1.07.

Water Supply—Src., deep well; sys., 2 pumps; 10 hyd.; wks. owned by Co.

ATHENS, p. 3,500; f. area, 1 m. F. dept.—2 hand hose reels, 1 hand h. & 1 trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,500; tot. mem., 20 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir.; 2 pump. eng.; 35 hyd.; wks. owned by city.

ATLANTA, p. 2,000. No org. f. dept.

Water Supply—Src., well; sys., dir. pres.; 2 pump. eng., cap. day 100,000 gals.; 35 hyd.; 40 v.; 110 serv.; mains, 3 m.; pres., dom. 80 lbs., f. 100 to 150 lbs.; cost, \$22,000; cost mtce., \$1,800; wks. owned by city.

AUSTIN, p. 29,860; f. area, 20 sq. m.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 comb. c. & h. wag., 20 c. hand ex., 1 h. & 1 trk., 8 hose wag., 20 hrs.; hose, cot., rub. lined, gd., 14,000 ft.; f. al., bell & wh.; val. equip., \$55,000; val. bldgs., \$75,000; exp. dept., \$31,500; tot. mem., 500 vol., pd. full time 12. Key rate for insurance, 32 cents.

Water Supply—Src., riv.; sys., pump dir.; res. cap., 10,000,000 gals.; 5 pump. eng., class horizontal-comp., dup.-trip. & centrif., cap. day 35,000-

000 gals.; mains, 60 m., 4 to 24 in. dia.; 400 hyd.; 156 v.; 4,857 met.; 4,857 serv.; pres., dom. 120 lbs., f. 150 lbs.; cons. day, 8,500,000 gals.; wks. owned by city.

BAIRD, p. 1,710; f. area, 6 sq. blocks; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 500 ft.; tot. hose, 1,500 ft.; f. al., bell & telp.; val. equip., \$4,000; val. bldgs., \$3,000; exp. dept., \$600; tot. mem., 25 vol. Key rate for insurance, 91 cents.

Water Supply—Src., wells, 3 1/4 m. bus. cent.; sys., grav.; mains, c. i., 6 m., 6 to 10 in. dia.; 320 hyd.; 3 v.; 200 serv.; met., 50; pres., dom. 60 lbs., f. 100 lbs.; cost, \$25,000; cost mtce., \$600; wks. owned by city.

BALLINGER, p. 8,586; f. area, 400 a.; bldgs., stn. & wd., 1 stor. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 750 ft.; tot. mem., 14 vol. Insurance key rate, 57 cents.

Water Supply—Src., creek, 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 65,000 gals., dim. 80 x 12; 1 pump. eng., cap. day 600,000 gals.; mains, c. i., 2 m., 4 to 6 in. dia.; 22 hyd.; 90 serv.; pipe, black i.; pres., dom. 65 lbs., f. 120 lbs.; cost, \$20,000.

BARTLETT, p. 1,815; f. area, 800 a.; merc. bldgs., bk. & wd. F. dept.—1 h. & l. trk., 2 hose carts, hose, 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; tot. mem., 25 vol. Insurance key rate, 65 cents.

Water Supply—Src., wells; sys., grav., dir.; res. cap., 110,000 gals., 36 x 13 ft. dia.; pump, 1; 39 hyd.; 30 v.; mains, 7 m., 1 to 6 in. dia.; pres., 40 lbs.; cost, \$22,500; cost mtce., \$560; wks. owned by city.

BASTROP, p. 1,707; f. area, 10 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. eng., 1 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; tot. mem., 60 vol. Insurance key rate, 78 cents.

Water Supply—Src., riv., sys., pump to stdp.; stdp. cap., 120,000 gals., dim. 14 x 110; pump. eng., cap. day 600,000 gals.; mains, c. i., 3 1/4 m., 4 to 8 in. dia.; 18 hyd.; 125 serv.; pipe, iron; pres., dom. 80 to 50 lbs., f. 75 lbs.; cost, \$35,000; cost mtce., \$500; wks. owned by Co.

BEAUMONT, p. 20,640; f. area, 80 a.; bldgs., bk. & wd., 2 & 5 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—3 str., 2 comb. hose & ladder wag., 1 c. eng., 1 aer. trk., 1 h. & l. trk., 3 hose wag., 24 hrs.; hose, rub., gd., 9,800 ft.; f. al., Gamewell, 39 bx.; val. equip., \$50,000; val. bldgs., \$16,000; exp. dept., \$20,000; tot. mem., 82, pd. full time; undrs. rating, second class. Insurance key rate, 22 cents.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump to stdp. dir.; stdp. cap., 110,000 gals., dim. 120 x 12; 3 pump. eng., class. dup., cap. day 5,500,000 gals.; mains, c. i., 30 m., 6 to 24 in. dia.; 284 hyd.; 225 v.; 500 met.; pipe, galv. i.; pres., dom. 45 lbs., f. 60 lbs.; cost, \$450,000.

BEEVILLE, p. 8,269; bldgs., bk. & wd.; wd. rfs. perm.; no f. dept. Insurance key rate, 95 cents.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 50,000 gals.; res. cap., 75,000 gals.; 2 pump. eng., cap. day, 1,500,000 gals.; mains, c. i., 2 m., 6 in. dia.; 7 hyd.; 2 v.; 135 met.; 140 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$50,000; wks. owned by Co.

BELLEVUE, p. 699; f. area, 250 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; no fwks. ord. F. dept.—25 c. ex., 1 hand eng., 1 h. & l. trk., 24 buckets; f. al., bell; val. equip., \$650; val. bldgs., \$250; exp. dept., \$100; tot. mem., 31 vol.

Water Supply—Src., cisterns & wells & elevated tks.

BELTON, p. 4,164; f. area, 800 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 comb. wag., h. & l. trk., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 800 ft.; tot. hose, 2,800 ft.; f. al., bell & wh.; val. equip.,

\$7,000; val. bldgs., \$4,000; exp. dept., \$3,000; tot. mem., 42, pd. full time 2, 40 vol. Insurance key rate, 79 cents.

Water Supply—Src., wells; sys., grav. & pump dir.; stdp. cap., 258,000 gals., dim. 24 x 75; res. cap., 100,000 gals.; 2 pump. eng., cap. day, 1,250,000 gals.; mains, c. i., 10 m., 4 to 8 in. dia.; 68 hyd.; 80 v.; 142 met.; 575 serv.; pipe, wrt. i.; pres., dom. 70 lbs., f. 125 lbs.; cost, \$65,000; cost mtce., \$3,000; wks. owned by town.

BIG SPRING, p. 4,102; f. area, 75 blocks; merc. bldgs., bk. & wd., 1 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 3 hose reels; hose, cot., rub. lined, gd., 750 ft.; f. al., bell; val. equip., \$450; val. bldgs., \$100; tot. mem., 25 vol.; undrs. rating, second class. Insurance key rate, 92 cents.

Water Supply—Src., wells, 2 1/4 m. bus. cent.; sys., pump to res.; res. cap., 1,000,000 gals.; 1 pump. eng.; cap. day, 90,000 gals.; mains, wrt. i., 2 m., 2 to 6 in. dia.; 18 hyd.; met., 350; 680 serv.; pipe, iron; pres., dom. & f. 71 lbs.; cons. day, 125,000 gals.; cost, \$60,000; wks. owned by city.

BONHAM, p. 4,844; f. area, 25 a.; bldgs., stn. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 auto. comb. c. & h. trk., 1 comb. c. & h. wag., 1 h. & l. trk., 1 hose cart, 1 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 600 ft.; tot. hose, 2,400 ft.; f. al., telp.; val. equip., \$7,500; val. bldgs., \$5,000; exp. dept., \$1,500; tot. mem., 35, pd. full time 3, vol. 32. Insurance key rate, 39 cents.

Water Supply—Src., wells & lake, 2 1/4 m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 165,000 gals., dim. 110 x 16; res. cap., 165,000 gals.; 2 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 14 m., 4 to 10 in. dia.; 97 hyd.; 45 v.; met., 910; 910 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 75 lbs.; cons. day, 100,000 gals.; cost, \$100,000; cost mtce., \$8,000; wks. owned by city.

BOWIE, p. 2,874; f. area, 25 a.; bldgs., bk. & stn., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—12 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell, 5 bx.; val. equip., \$3,500; val. bldgs., \$5,000; exp. dept., \$1,500; tot. mem., 25. Insurance key rate, 72 cents.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 72,000 gals., dim. 85 x 12, loc. 30 ft. above town; 1 pump. eng., class. dup., cap. day 500,000 gals.; mains, 4 1/4 m., 4 to 8 in. dia.; 18 hyd.; pres., dom. 42 lbs., f. 100 lbs.; cost, \$20,000; cost mtce., \$1,200; wks. owned by city.

BRENNHAM, p. 4,718; f. area, 25 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 str., 2 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & telp.; val. equip., \$9,000; val. bldgs., \$10,000; tot. mem., 114, pd. full time 2, vol. 112. Key rate for insurance, 77 cents.

Water Supply—Src., wells, 1/2 m. bus. cent.; sys., grav., pump dir.; stdp. cap., 114,000 gals., dim. 14 x 100; met., stl.; res. cap., 300,000 gals.; 2 pump. eng., cap. day 8,000,000 gals.; mains, c. i., 10 m., 8 to 8 in. dia.; 70 hyd.; 25 v.; met., 127; 840 serv.; pipe, c. i.; pres., dom. 31 to 45 lbs., f. 100 lbs.; cons. day, 200,000 gals.; cost, \$60,000; cost mtce., \$3,000; wks. owned by city.

BROWNSVILLE, p. 10,517; f. area, 640 a.; bldgs., bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 250 ft.; f. al., bell; val. equip., \$1,000; tot. mem., 20 vol. Insurance key rate, 59 cents.

Water Supply—Src., riv. & cisterns.

BRIDGEPORT, p. 2,500. F. dept.—1 c. eng.; val. equip., \$500; tot. mem., 18 vol. No waterwks.

BROWNWOOD, p. 6,967; f. area, 30 a.; merc. bldgs., stn., bk. & wd., 3 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 3 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,800 ft.; tot. hose, 3,800 ft.; f. al., elec. bell; val. equip., \$3,000; val. bldgs., \$500; tot. mem., 26 vol. Insurance key rate, 42 cents.

Water Supply—Src., Pecan Bayou, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 250,000 gals.; dim. 20 x 100; res. cap., 5,000,000 gals.; 2 pump. eng., class comp. dup.; cap. day, 1,450,000 gals.; mains, c. l. 15 m., 4 to 10 in. dia.; 200 hyd.; 100 v.; met., 110; 1,122 serv.; pipe, galv. l.; pres., dom. 70 lbs.; f. 100 lbs.; cons. day, 1,000,000 gals.; cost, \$100,000; cost mtce., \$8,000; wks. owned by city.

BRYAN, p. 4,132; f. area, 15 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 4 c. hand ex., 1 comb. c. & hose cart, 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell & telp.; val. equip., \$9,250; val. bldgs., \$3,500; exp. dept., \$1,500; tot. mem. 35, pd. full time 1, pd. part time 34.

Water Supply—Src., wells, sys., pump to res. & stdp.; stdp. cap., 85,000 gals.; dim. 100 x 20; res. cap., 41,256 gals.; 2 pump. eng., class dup., cap. day 1,100,000 gals.; mains, wrt. & c. l., $4\frac{1}{2}$ m., 4 to 8 in. dia.; 17 hyd.; met., 60; 200 serv.; pres., dom. 40 lbs.; f. 150 lbs.; cost, \$55,000; cost mtce., \$7,000; wks. owned by Co.

CALDWELL, p. 1,476; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 750 ft.; f. al., bell & wh.; val. equip., \$1,000; exp. dept., \$300; tot. mem., 36 vol.; undrs. rating, second class.

Water Supply—Src., 3 wells; sys., pump to stdp.; stdp. cap., 150,000 gals.; dim. 100 x 16; 3 pump. eng., cap. day 500,000 gals.; mains, $4\frac{1}{2}$ m., 2 to 6 in. dia.; 30 hyd.; 16 v.; met., 12; 240 serv.; pres., dom. 40 to 75 lbs.; f. 125 lbs.; cost, \$35,500; wks. owned by Co.

CALVERT, p. 2,579; f. area, 250 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 auto. comb. c. & h. wag., 1 hand eng., 6 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,250 ft.; inf., 1,000 ft.; tot. hose, 2,250 ft.; f. al., telp.; val. equip., \$5,000; val. bldgs., \$12,000; exp. dept., \$750; tot. mem., 75 vol.

Water Supply—Src., wells, 2,000 ft. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 100,000 gals.; dim. 100 x 12; res. cap., 60,000 gals.; 8 pump. eng.; cap. day, 2,000,000 gals.; mains, iron, $7\frac{1}{2}$ m., 2 to 8 in. dia.; 25 hyd.; 56 v.; met., \$29; 330 serv.; pres., dom. 40 lbs.; f. 125 lbs.; cost, \$54,000; cost mtce., \$3,600; wks. owned by Co.

CAMERON, p. 3,263; f. area, 9 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 8 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,800 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$3,500; exp. dept., \$1,950; tot. mem., 25, pd. full time 2, vol. 23.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 175,000 gals.; dim. 115 x 18; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 42 hyd.; 20 v.; met., 125; 700 serv.; pipe, galv. l.; pres., dom. 50 lbs.; f. 50 lbs.; cons. day, 400,000 gals.; cost, \$70,000; cost mtce., \$2,500; wks. owned by Co.

CANADIAN, p. 2,000; f. area, 320 a. F. dept.—2 c. hand ex., 1,000 ft. hose; val. equip., \$2,000; val. bldgs., \$500; tot. mem., 30 vol.

Water Supply—Src., well; sys., pump dir.; 2 pump. eng., cap. day 200,000 gals.; 36 hyd.; mains, 5 m.; pres., dom. & f., 70 lbs.; cost, \$31,000; cost mtce., \$1,000; wks. owned by city.

CENTER, p. 1,684. F. dept.—1 h. & l. trk., 10 c. ex., 1 hose cart, 1,400 ft. hose; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$500; tot. mem., 16 vol.

Water Supply—Src., 1 elevated tk., dim. 18 x 24 ft., cap. 50,000 gals.; sys., pump dir.; 1 pump. eng., cap. 43,200 gals. day; pres., 47 lbs.; mains, 1,540 ft., 4 to 8 in. dia.; 10 hyd.

CISCO, p. 2,410; f. area, 500 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; automatic elec. f. al., bell, telp. sys., bx.; val. equip., \$1,500; val. bldgs., \$1,000; exp. dept., \$150; tot. mem., 36 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys.,

pump to res. & stdp.; stdp. cap., 75,000 gals.; dim. 60 x 12; 1 pump. eng., class comp. dup., cap. day 500,000 gals.; mains, c. l., 4 m., 4 to 6 in. dia.; 13 hyd.; 6 v.; met., 12; 500 serv.; pipe, wrt. i.; pres., dom. 60 lbs.; f. 90 lbs.; cons. day, 100,000 gals.; cost, \$24,000; cost mtce., \$1,600; wks. owned by city.

CLARENDON, p. 1,946; f. area, 10 a.; merc. bldgs., bk., stn. & wd., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk. wag., 1 hose cart; hose, 700 ft. Insurance key rate, 92 cents.

Water Supply—Src., wells, $1\frac{1}{4}$ m. bus. cent.; sys., pump dir.; res. cap., 300,000 gals.; cap. day, 100,000 gals.; mains, wrt. i., 5 m., 3 in. dia.; 250 hyd.; 15 v.; 340 serv.; pipe, iron; pres., dom. 45 lbs.; f. 100 lbs.; cost, \$17,000; cost mtce., \$1,000; wks. owned by Co.

CLARKSVILLE, p. 2,065; f. area, 4 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. limits; fwks. ord. F. dept.—1 comb. c. & h. wag., 2 c. ex., 1 hose car., 1 hose wag.; hose, cot., gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; val. bldgs., \$5,000; val. equip., \$3,500; exp. dept., \$1,200; tot. mem., 21, pd. full time 1, pd. part time 5, 16 vol.

Water Supply—Src., 2 deep wells; 2 m. mains; 16 hyd.; cost, \$7,000.

CLAUDE, p. 1,000; f. area, 1,200 a. F. dept.—1 c. eng.; f. al., bell; val. equip., \$250; vol.

Water Supply—Src., wells.

CLEBURNE, p. 10,864; f. area, 3 blocks; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 c. hand ex., 2 hose wag., 2 hose car., 7 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & telp.; val. equip., \$12,000; val. bldgs., \$20,000; exp. dept., \$2,500; tot. mem. 24, pd. full time 1, pd. part time 3, vol. 20.

Water Supply—Src., wells; sys., pump to res., to stdp. & dir.; 2 stdps., cap. 373,000 gals.; res. cap., 1,350,000 gals.; pump. eng., cap. day, 1,000,000 gals.; mains, c. & wrt. l., 35 m., 2 to 12 in. dia.; 116 hyd.; 55 v.; met., 550; 3,000 serv.; pipe, wrt. i.; pres., dom. 35 lbs.; f. 60 to 100 lbs.; cost, \$250,000; cost mtce., \$40,000; wks. owned by Co.

CLIFTON, p. 1,137. F. dept.—1 h. & l. trk., 3 hose carts, 1,500 ft. hose. Insurance key rate, 80 cents.

Water Supply—Src., wells; sys., grav.; res. cap., 12,000 gals.; mains, $2\frac{1}{2}$ m.; 9 hyd.; pres., dom. 35 lbs.; cons. day, 350,000 gals.; cost, \$20,000; cost mtce., \$250; wks. owned by city.

COLEMAN, p. 3,046; bldgs., wd., 1 to 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—3 hose carts; hose, cot., rub. lined, gd., 2,500 ft.; tot. mem., 30 vol. Insurance key rate, 80 cents.

Water Supply—Src., lake & creek, $\frac{1}{2}$ m. bus. cent.; sys., pump to res. & dir.; res. cap., 4,000,000 gals.; pump. eng., cap. day, 1,000,000 gals.; mains, 10 $\frac{1}{2}$ m., 2 to 8 in. dia.; 71 hyd.; 350 met., 560 serv.; pres., dom. & f. 65 lbs.; cost, \$50,000; cost mtce., \$4,000; wks. owned by town.

COLORADO, p. 1,840; f. area, 500 a.; merc. bldgs., bk., wd. & stn., 1 to 3 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hrs., 1 hose wag.; hose, cot., rub. lined, gd., 2,100 ft.; inf., 200 ft.; tot. hose, 2,300 ft.; f. al., bell & wh.; val. equip., \$3,300; val. bldgs., \$500; exp. dept., \$1,000; tot. mem., 21, pd. full time 1, vol. 20.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 370,000 gals.; pump. eng., cap. day 165,000 gals.; mains, c. l., $7\frac{1}{2}$ m., 4 to 12 in. dia.; 14 hyd.; 15 v.; met., 80; pres., dom. 45 lbs.; f. 90 lbs.; cost, \$42,000; cost mtce., \$2,000; wks. owned by Co.

COLUMBUS, p. 1,800; combt. ord. F. dept.—1 h. & l. trk., 4 hose carts; hose, 1,500 ft.; tot. mem., 40 vol.

Water Supply—Src., well; sys., pump; tk. cap., 55,000 gals.; 1 pump, cap. day 400,000 gals.; mains, 8 m.; 20 hyd.; dir. pres., 75 lbs.; wks. owned by city.

COMANCHE, p. 2,756; f. area, 1,200 a.; merc. bldgs., stn., bk., 3 stor.; priv., stn., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hose cart, 1 comb. c. & h. wag., 2 hrs.; hose, cot., rub. lined, gd.,

1,400 ft.; val. equip., \$4,000; val. bldgs., \$500; tot. mem. 31, 1 pd. full time, 80 vol.

Water Supply—Src., well, $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; stdp. cap., 250,000 gals.; dim. 110 x 40 x 8 $\frac{1}{2}$; res. cap., 250,000 gals.; loc. 1 m. city; 1 pump. eng., cap. day 250,000 gals.; mains, c. l., 1 $\frac{1}{4}$ m., 6 to 10 in. dia.; 19 hyd.; 20 v.; met., 56; 106 serv.; pipe, galv. l.; pres., dom. 58 to 60 lbs.; f. 200 lbs.; cons. day, 35,000 gals.; cost, \$20,000; cost mtce., \$2,850; wks. owned by city.

COMMERCE, p. 2,818; bldgs., bk. & wd. F. dept.—1 hand eng., 1 comb. c. & h. wag., 1 h. & l. trk., 1 hose cart; hose, 600 ft.; f. al., wh. Water Supply—Src., wells.

CONRAL, p. 2,500; f. area, 50 a. F. dept.—3 hose carts, 1 h. & l. trk.; f. al., bell; val. equip., \$2,000; val. bldgs., \$700; tot. mem. 30 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump.; 15 hyd.; pres., dom. 40 lbs.; f. 70 to 90 lbs.; cost, \$17,000; wks. owned by city.

COOPER, p. 1,518. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose cart; hose, 500 ft.; tot. mem., 20 vol.

Water Supply—Src., cisterna.

CORPUS CHRISTI, p. 8,222; f. area, 66 blocks; merc. bldgs., bk. & wd., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 8 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$2,500; exp. dept., \$1,500; tot. mem., 150 vol. Insurance key rate, 68 cents.

Water Supply—Src., riv., 16 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 150,000 gals.; dim. 16 x 100, loc. 45 ft. above city; mat., stl.; 2 pump. eng., cap. day 1,500,000 gals.; mains, 20 m., 4 to 10 in. dia.; 65 hyd.; 6 v.; met., 150; 165 serv.; pipe, galv. i.; pres., dom. 65 lbs.; f. 65 lbs.; cost, \$158,000; cost mtce., \$4,000; wks. owned by city.

CORSICANA, p. 9,749; f. area, 8 sq. m.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 8 c. hand ex., 1 h. & l. trk., 2 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 4,000 ft.; tot. hose, 10,000 ft.; f. al., bell; val. equip., \$20,000; val. bldgs., \$23,000; exp. dept., \$6,120; tot. mem., 100, pd. full time 7, pd. part time 3, vol. 85.

Water Supply—Src., wells, lake; sys., pump to stdp. & dir.; stdp. cap., 230,000 gals.; dim. 20 x 100; res. cap., 1,500,000 gals.; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, 18 m., 4 to 10 in. dia.; 100 hyd.; met., 50; pres., dom. 50 lbs.; f. 80 lbs.; cost, \$150,000; cost mtce., \$15,000; wks. owned by Co.

CROCKETT, p. 5,000. F. dept.—2 hose carts, 2 hrs.; f. al., bell; val. equip., \$2,500; val. bldgs., \$100; tot. mem., 20, pd. part time.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump.; 2 pump. eng., cap. day 150,000 gals.; cost, \$35,000; wks. owned by city.

CUERO, p. 3,109; f. area, 640 a.; bldgs., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 28 c. hand ex., 1 h. & l. trk., 4 hose carts, 3 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,800; exp. dept., \$75; tot. mem. 91, pd. part time 2. Insurance key rate, 62 cents.

Water Supply—Src., spr., in bus. cent.; sys., pump to stdp.; stdp. cap., 165,000 gals.; dim., 110 x 16; res. cap., 320,000 gals.; 2 pump. eng., cap. day, 1,000,000 gals.; mains, 10 m., 4 to 8 in. dia.; 90 hyd.; 56 v.; 1 met.; 700 serv.; pres., dom. 45 lbs.; f. 120 lbs.; cost, \$20,000; cost mtce., \$3,700; wks. owned by city.

CUMBY, p. 1,000. No org. f. dept.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 70,000 gals.; cost, \$5,000; wks. owned by priv. Co.

DALHART, p. 2,580; f. area, 1,280 a. F. dept.—1 hose wag., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hose reels, 4 hrs.; hose, 2,300 ft.; val. equip., \$6,500; val. bldgs., \$5,000; exp. dept., \$1,200; tot. mem., 30 vol.

Water Supply—Src., deep wells; sys., grav.; 2 pump. eng., cap. 500,000 gals. day; 14 hyd.; 5 v.; mains, 6 in. dia.; pres., dom. 38 lbs.; f. 90 lbs.; wks. owned by Co.

DALLAS, p. 92,104; f. area, 17 sq. m.; merc. bldgs., str., bk. & iron, 1 to 22 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—8 str., 4 auto. pump. eng., 2 auto. c. eng., 2 auto. comb. c. & h. wag., 4 comb. c. & h. wag., 3 c. eng., 14 c. hand ex., 1 auto. h. & l. trk., 4 h. & l. trk., 1 aer. Kaiser h. & l. trk., 1 chief's auto., 4 hose wag., 3 hose car., 64 hrs.; hose, cot., rub. lined, gd., 34,000 ft.; f. al., Gamewell, 269 bx.; val. equip., \$170,000; val. bldgs., \$168,000; exp. dept., \$211,000; tot. mem., 155. Insurance key rate, 22 cents.

Water Supply—Src., riv. & spr.; sys., pump to res. & dir.; 4 flowing artesian wells, cap. 4,000,000 gals. day; 17 pump. artesian wells, cap. 8,500,000 gals. day when pumped; 6 res., combined cap. 7,270,000,000 gals.; 9 pump. eng., class vertical triple, hor. comp. & centrif., cap. day 64,000,000 gals.; mains, c. l., 180 m., 4 to 36 in. dia.; 960 hyd.; 875 v.; met., 34; 9,500 serv.; pipe, galv. l.; pres., dom. 75 lbs.; f. 85 lbs.; cons. day, 12,000,000 gals.; cost, \$950,000; cost mtce., \$105,000; wks. owned by city.

DAWSON, p. 808; f. area, 1 sq. m.; merc. bldgs., bk., 1 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; vol. f. dept.

Water Supply—Src., artesian wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; res. cap., 3,000,000 gals.; 1 pump. eng.; mains, c. l., 2 to 4 in. dia.; cost, \$10,000; wks. owned by city.

DECATUR, p. 1,651; f. area, 640 a.; merc. bldgs., str., 2 stor.; priv. bldgs., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & telp.; val. equip., \$3,000; val. bldgs., \$500; exp. dept., \$100; tot. mem., 35 vol.; undra. rating, third class.

Water Supply—Src., wells; sys., pump to res.; res. cap., 85,000 gals.; 2 pump. eng., cap. day 350,000 gals.; mains, 8 $\frac{1}{2}$ m., 4 to 6 in. dia.; 24 hyd.; 200 serv.; pres., dom. 20 lbs.; f. 100 lbs.; cost, \$21,765; cost mtce., \$1,200; wks. owned by E. H. Baumgartner.

DE LEON, p. 1,250. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$2,000; tot. mem., 80 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; 2 pump. eng.; mains, 3 m.; 7 hyd.; pres., dom. 60 lbs.; f. 75 lbs.; cost, \$6,500; wks. owned by city.

DEL RIO, p. 1,000. F. dept.—1 h. & l. trk., 4 c. ex.; tot. mem., 20 vol. Insurance key rate, 77 cents.

Water Supply—Only for domestic use.

DENISON, p. 13,632; f. area, 2,500 a.; merc. bldgs., str. & bk., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 1 c. hand ex., 1 aer. trk., 1 hose wag., 2 hose car., 8 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., telp.; val. equip., \$4,657; val. bldgs., \$5,000; exp. dept., \$7,000; tot. mem. 15, pd. full time 7, pd. part time 8. Insurance key rate, 66 cents.

Water Supply—Src., wells & tunnels, cap. 200,000 gals. day; 1 impounding res., cap. 300,000,000 gals.; 2 pump. eng., cap. 4,000,000 gals. day; sys., pump to stdp.; mat., iron; dim., 15 x 125; station loc. 2 m. Post Office; Shawnee station loc. 5 m. Post Office; 1 res., cap. 1,320,000,000 gals.; 1 pump. eng., cap. 2,000,000 gals.; sys., pump to stdp.; mains, 21 m., c. l., 4 to 14 in. dia.; 158 hyd.; 113 v.; 2,200 met.; 2,527 consumers; cons. day, 1,000,000 gals.; pres., dom. 75 lbs.; f. 120 lbs. in bus. district; cost, \$450,000; cost mtce., \$18,000; wks. owned by city.

DENTON, p. 4,732; f. area, 1,500 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 3,250 ft.; rub., gd., 2,000 ft.; inf., 500 ft.; tot. hose, 5,750 ft.; f. al., bell & wh.; val. equip., \$15,000; val. bldgs., \$8,000; exp. dept., \$2,500; tot. mem. 50, pd. full time 2, pd. part time 6, 42 vol.

Water Supply—Src., 2 wells, $\frac{1}{4}$ m. bus. cent.;

sys., pump to mains; stdp. cap., 84,000 gals.; dim. 12 x 100; mat., stl.; res. cap., 80,000 gals.; 2 pump. eng., cap. day, 1,250,000 gals.; mains, c. l., 16 m., 4 to 10 in. dia.; 120 hyd.; 75 v.; met., 600; 1,000 serv.; pipe, iron; pres., dom. 65 lbs., f. 100 lbs.; cons. day, 850,000 gals.; cost, \$90,000; cost mtce., \$6,000; wks. owned by city.

DUBLIN, p. 2,551; f. area, 2,700 a.; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., wd.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hose cart.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 400 ft.; tot. hose, 1,400 ft.; f. al., elec., 2 bx.; val. equip., \$4,000; val. bldgs., \$6,000; exp. dept., \$400; tot. mem., 48 vol. Insurance key rate, 86 cents.

Water Supply—Src., 3 wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; res. cap., 100,000 gals.; pump. eng., cap. day, 60,000 gals.; mains, 5 m., 4 to 8 in. dia.; 35 hyd.; met., 800; 350 serv.; pres., dom. 40 to 60 lbs., f. 150 lbs.; cons. day, 40,000 gals.; cost, \$60,000; cost mtce., \$6,000; wks. owned by city.

EAGLE LAKE, p. 2,000; f. area, 1,200 a. F. dept.—4 hose carts, 1 h. & l. trk., 2,000 ft. hose; val. equip., \$3,000; tot. mem., 48 vol.

Water Supply—Src., deep well, 1 m. bus. cent.; sys., pump; 2 pump. eng.; 80 serv.; wks. owned by priv. Co.

EAGLE PASS, p. 3,536; f. area, 2 m.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose reel, 2 c. hand ex., 2 tk., 800 ft. hose; f. al., bell; val. equip., \$600; val. bldgs., \$400; tot. mem., 25 vol.

Water Supply—Src., riv., 1/4 m. bus. cent.; sys., pump to res.; res. cap., 410,000 gals.; 2 pump. eng.; cap. day, 3,400,000 gals.; mains, 7 1/2 m., 4 to 10 in. dia.; 40 v.; 200 met.; 600 serv.; 11 hyd.; pres., dom. 40 lbs., f. 65 lbs.; cost, \$70,000; wks. owned by priv. Co.

ELGIN, p. 1,707; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose cart.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$150; tot. mem., 30 vol.; undra. rating, third class.

Water Supply—Src., spr., 4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; res. cap., 50,000 gals.; 2 pump. eng., cap. day, 500,000 gals.; mains, wd., 5 m., 4 to 6 in. dia.; 26 hyd.; 17 v.; 209 met.; pres., dom. 60 lbs., f. 70 lbs.; cons. day, 45,000 gals.; cost, \$30,000; wks. owned by city.

EL PASO, p. 39,279; f. area, 9 18-100 sq. m.; merc. bldgs., bk., 1 to 12 stor.; priv., bk., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 chief's auto., 1 auto. comb. c. & h. wag., 1 auto. triple comb. c. & h. e. wag., 3 str., 5 comb. c. & h. wag., 14 c. hand ex., 1 h. & l. trk., 1 aer. trk., 20 hrs; hose, cot., rub. lined, gd., 10,500 ft.; f. al., elec. wh., 77 bx.; val. equip., \$60,000; val. bldgs., \$75,000; exp. dept., \$26,000; tot. mem. 172, pd. full time 40, vol. 132. Insurance key rate, 21 cents.

Water Supply—Src., wells, 6 m. bus. cent.; sys., pump to res.; res. cap., 14,000,000 gals.; 5 pump. eng., class horizontal comp., dup-trip., cap. day 11,000,000 gals.; mains, 52 m., 4 to 16 in. dia.; 289 hyd.; 362 v.; met., 5,400; 6,245 serv.; pres., f. 80 lbs.; cons. day, 3,260,000 gals.; cost, \$1,296,000; cost mtce., \$105,000; wks. owned by Co.

ENNIS, p. 5,669; f. area, 20 a.; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hose wag., 1 hose cart., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., bell & wh.; val. equip., \$6,500; val. bldgs., \$5,000; exp. dept., \$1,000; tot. mem. 33, pd. full time 1, pd. part time 2, 30 vol.

Water Supply—Src., wells, 1/4 m. bus. cent.; sys., dir. pres.; res. cap., 300,000 gals.; 2 pump. eng., class comp. air, cap. day 500,000 gals.; mains, 5 m., 4 to 8 in. dia.; 50 hyd.; met., 32; pipe, c. l.; pres., dom. 40 lbs., f. 125 lbs.; cons. day, 200,000 gals.; cost, \$25,000; wks. owned by city.

FARMERSVILLE, p. 1,848. F. dept.—2 hose carts, 1 comb. h. & l. trk. & hose wag., 1 c. eng., 2 c. tk., 1,000 ft. hose; tot. mem., 16 vol.

Water Supply—Src., well; sys., grav.; stdp. dim., 12 x 120 ft.; stdp. cap., 100,000 gals.; 1 pump, pres. 40 lbs.; mains, 1,000 ft.; 4 hyd.

FERRIS, p. 1,233. F. dept.—1 hose reel, 1,000 ft. hose; vol.

Water Supply—Src., artesian well; sys., dir. & grav.; 12 hyd.; pres., 40 lbs.

FLATONIA, p. 1,800. F. dept.—1 c. eng.; val. equip., \$300; val. bldgs., \$50; tot. mem., 20 vol. No waterwks.

FLORESVILLE, p. 1,398. F. dept.—1 hose cart, 800 ft. hose; vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 55,000 gals.; 2 pump. eng.; mains, 3,240 ft., 4 to 6 in. dia.; 10 hyd.; pres., 50 lbs.

FORNEY, p. 1,200; f. area, 640 a. F. dept.—2 c. hand ex., 2 hose carts, 1 h. & l. trk., buckets, ladders, axes, 1,500 ft. hose; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$2,500; tot. mem., 25 vol.

Water Supply—Src., artesian well, 1 m. bus. cent.; sys., pump to stdp.; 1 pump. eng., cap. day 240,000 gals.; mains, 8 m.; 20 hyd.; pres., dom. 40 lbs., f. 78 lbs.; cost, \$20,000; cost mtce., \$1,500; wks. owned by Co.

FORT WORTH, p. 73,312; f. area, 4,550 a.; merc. bldgs., stn., bk. & wd., 1 to 7 stor.; priv., stn., bk. & wd., 1 to 8 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 2 c. eng., 1 comb. c. & h. wag., 15 c. hand ex., 2 h. & l. trk., 1 aer. trk., 9 hose wag., 1 hose cart., 39 hrs.; hose, cot., rub. lined, gd., 20,700 ft.; f. al., elec., Gamewell, 68 bx.; val. equip., \$55,000; val. bldgs., \$60,000; exp. dept., \$40,487; tot. mem. 84, pd. full time. Insurance key rate, 31 cents.

Water Supply—Src., wells; sys., dir. & grav. & pump to stdp.; stdp. cap., 305,000 gals., dim. 130 x 20, loc. 75 ft. above town; 10 pump. eng., class horizontal-vertical, centrif.-comp., dup-trip., cap. day 20,532,000 gals.; mains, c. & wrt. i., 96 m., 4 to 36 in. dia.; 1,200 hyd.; 872 v.; met., 1,200; 10,240 serv.; pipe, lead & wrt. i.; pres., dom. 85 lbs., f. 120 lbs.; cons. day, 5,000,000 gals.; cost, \$1,600,000; cost mtce., \$42,440; wks. owned by city.

FORT STOCKTON, p. 2,000; f. area, 640 a. F. dept.—3 hand c. eng.; val. equip., \$1,000; exp. dept., \$10; vol.

No waterwks.

FWLERTON, p. 1,800; f. area, 80 a. F. dept.—hose carts; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$500; tot. mem., 12 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump. dir.; 1 pump. eng., cap. day, 1,440,000 gals.; mains, 2 m.; 10 hyd.; 4 v.; 100 serv.; pres., dom. & f. 50 lbs.; cost, \$10,000; cost mtce., \$500; wks. owned by Co.

FREDERICKSBURG, p. 1,632; bldgs., stn. & wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 c. eng., 1 hand eng., 1 str., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 1,400 ft.; f. al., telp.; tot. mem., 42 vol.

Water Supply—Src., wells.

FROST, p. 702. F. dept.—1 c. eng., 1,500 ft. hose.

Water Supply—Src., artesian well; sys., pump to stdp.; stdp. cap., 92,000 gals.; mains, 2,000 ft., 6 in. dia.; 12 hyd.; cost, \$12,000; wks. owned by Co.

GAINESVILLE, p. 7,624; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 4 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hose wag., 3 hose cart., 9 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell; val. equip., \$13,000; val. bldgs., \$14,000; exp. dept., \$3,700; tot. mem. 104, pd. full time 4, vol. 100; undra. rating, second class.

Water Supply—Src., riv. & well, 1/4 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 106,000 gals.; res. cap., 115,000,000 gals.; 3 pump. eng., class dup., cap. day, 5,000,000 gals.; mains, c. l., 12 1/2 m., 4 to 12 in. dia.; 129 hyd.; met., 700; 1,500 serv.; pres., dom. 60 lbs., f. 139 lbs.; cons. day, 500,000 gals.; cost, \$280,000; wks. owned by city.

GALVESTON, p. 36,981; f. area, 4,160 a.; merc. bldgs., bk. & wd., 1 to 6 stor.; priv., stn., bk. &

wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 str., 1 c. eng., 3 h. & 1 trk., 16 c. hand ex., 3 comb. c. & h. wag., 1 aer. trk., 6 hose wag., 29 hrs.; hose, cot., rub. lined, gd., 13,000 ft.; f. al., Gamewell, 65 bx.; val. equip., \$35,275; val. bldgs., \$25,000; exp. dept., \$72,000; tot. mem. 63, pd. full time.

Water Supply—Src., wells, 18½ m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 550,000 gals., dim. 25 x 150; res. cap., 1,275,000 gals.; 4 pump. eng., class horizontal-comp. dup., combined cap. day, 9,000,000 gals.; mains, c. i., 60 m., 6 to 30 in. dia.; 650 hyd.; 400 v.; met., 808; 7,907 serv.; pipe, lead; pres., dom. 65 lbs., f. 110 lbs.; cons. day, 3,300,000 gals.; cost, \$1,680,000; cost mtce., \$69,000; wks. owned by city.

GATESVILLE, p. 1,929; f. area, 320 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hand eng., 25 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$600; tot. mem. 51, pd. full time 1, 50 vol. Insurance key rate, 71 cents.

Water Supply—Src., wells, sys., pump to stdp.; stdp. cap., 58,718 gals.; cap. day, 164,833 gals.; mains, 5½ m., 3 to 6 in. dia.; 15 hyd.; 18 v.; 450 serv.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$45,000; cost mtce., \$2,000; wks. owned by Co.

GEORGETOWN, p. 3,096; f. area, 500 a.; merc. bldgs., stm., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. c., hose & h. & 1 trk., 1 h. & 1 trk., 3 c. hand ex., 1 hose wag., 1 c. eng., 1 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$8,750; val. bldgs., \$20,000; tot. mem. 85, pd. part time.

Water Supply—Src., well & spr., 1 m. bus. cent.; sys., grav., pump to res., to stdp., & dir.; stdp. cap., 235,000 gals., dim. 20 x 100; res. cap., 135,000 gals.; 4 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 45 hyd.; 30 v.; 500 serv.; pres., dom. 40 lbs., f. 120 lbs.; cons. day, 400,000 gals.; cost, \$45,000; cost mtce., \$1,000; wks. owned by city.

GIDDINGS, p. 1,535; f. area, 640 a.; merc. bldgs., stm., bk., wd., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; no combt. ord. F. dept.—1 str., 1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$3,250; exp. dept., \$700; tot. mem., 75 vol.; undrs. rating, third class.

Water Supply—Src., wells & cisterns, in bus. cent.; sys., pump dir.; 8 hyd.; stdp. cap., 1,200 gals., loc. 60 ft. above st. level.

GIMER, p. 1,484. F. dept.—Not reported.

Water Supply—Src., well, sys., pump to stdp.; stdp. cap., 50,000 gals.; res. cap., 53,000 gals.; pres., 50 to 150 lbs.

GOLIAD, p. 1,261. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; tot. mem., 23 vol. Insurance key rate, 95 cents.

Water Supply—Src., riv., sys., pump to stdp.; stdp. cap., 100,000 gals., dim. 12 x 100; 2 pump. eng., cap. day 1,300,000 gals.; mains, 2¼ m., 4 to 8 in. dia.; 30 hyd.; pres., dom. 55 lbs., f. 150 lbs.

GONZALES, p. 3,139; f. area, 480 a.; merc. bldgs., bk., 1 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,000; tot. mem., 86 vol.; undrs. rating, third class.

Water Supply—Src., riv., 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 85,000 gals.; dim., 12 x 100; mat., stl.; 3 pump. eng., cap. day, 4,000,000 gals.; mains, c. i. & kalsmeier, 15 m., 8 to 12 in. dia.; 40 hyd.; 29 v.; 600 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 750,000 gals.; cost, \$60,000; cost mtce., \$8,000; wks. owned by priv. Co.

GRAHAM, p. 1,569; f. area, 100 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell, tel. & wh.; val. equip., \$3,500; tot. mem. 19, pd. part time 1, vol. 18.

Water Supply—Src., creek, ¼ m. bus. cent.; sys., grav.; stdp. cap., 100,000 gals., dim. 20 x 42, mat., iron; 2 pump. eng., cap. day, 850,000 gals.; mains, c. i.; 30 hyd.; 20 v.; 250 serv.; pres., dom. 65 lbs., f. 200 lbs.; cons. day, 75,000 gals.; cost, \$30,000; cost mtce., \$2,000; wks. owned by city.

GRANBURY, p. 1,386. F. dept.—1 h. & 1 trk., 1 c. eng., 1 hand cart; hose, 1,000 ft.; f. al., wh.; val. equip., \$2,750; tot. mem., 25. Insurance key rate, 91 cents.

Water Supply—Src., wells, sys., 4 pumps, cap. day 1,500,000 gals.; hyd., 125; mains, 2 to 6 in. dia.; pres., dom. 40 lbs., f. 90 lbs.; cost, \$12,000; wks. owned by priv. Co.

GRAND SALINE, p. 1,065; merc. bldgs., bk., 1 & 2 stor.; priv., bk., stm. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 hose wag., 2 hrs., h. & 1; hose, rub. lined, gd., 1,000 ft.; f. al., bell & tel.; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem. 12, pd. part time 1, vol. 11.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; res. cap., 135,000 gals.; 1 pump. eng.; mains, 4 to 6 in. dia.; 18 hyd.

GRANDVIEW, p. 1,018. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose carts; hose, 1,300 ft.; buckets & ladders; tot. mem., 24 vol. Insurance key rate, 89 cents.

Water Supply—Src., stdp., 3 artesian wells; 2 m. mains; 22 hyd.

GREENVILLE, p. 8,850; f. area, 640 a.; merc. bldgs., bk. & stm., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 2 c. eng., 4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose carts, 1 chief's buggy, 11 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bell; val. equip., \$50,000; val. bldgs., \$8,500; exp. dept., \$1,500; tot. mem. 85, pd. full time 7, vol. 28. Insurance key rate, 86 cents.

Water Supply—Src., riv., sys., pump to stdp. & dir.; stdp. cap., 139,000 gals., dim. 138 x 16; res. cap., 320,000,000 gals.; 3 pump. eng., cap. day 9,000,000 gals.; mains, 10 m., 4 to 12 in. dia.; 76 hyd., 18 v.; met., 106; pres., dom. 50 lbs., f. 100 to 120 lbs.; cost, \$140,000; cost mtce., \$3,650; wks. owned by Co.

GROESBECK, p. 1,454; f. area, 4 blocks; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 1,600 ft.; inf., 250 ft.; tot. hose, 1,850 ft.; f. al., bell; val. equip., \$1,100; val. bldgs., \$500; tot. mem., 21 vol.; undrs. rating, third class.

Water Supply—Src., spr.; sys., pump to stdp.; stdp. cap., 90,000 gals.; res. cap., 900,000 gals.; pump. eng., cap. day 500,000 gals.; mains, 3 m., 4 to 6 in. dia.; 20 hyd.; 12 v.; pres., dom. 45 lbs., f. 125 lbs.; cost, \$27,000; cost mtce., \$1,000; wks. owned by Co.

HALLETTSVILLE, p. 1,379; f. area, 1,000 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 aer. trk., 1 hose wag., 1 c. ex.; hose, cot., rub. lined, gd., 1,300 ft.; rub., gd., 200 ft.; tot. hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$300; tot. mem., 45 vol. Insurance key rate, 65 cents.

Water Supply—Src., wells, sys., pump to stdp. & dir.; stdp. cap., 85,000 gals., dim. 100 x 12; res. cap., 79,000 gals.; pump. eng., cap. day, 100,000 gals.; mains, 3 m., 4 to 6 in. dia.; 45 hyd.; 9 v.; 300 serv.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 85,000 gals.; cost, \$30,000; cost mtce., \$2,500; wks. owned by city.

HAMILTON, p. 2,000; f. area, 40 a. F. dept.—2 hose carts, 1,000 ft. hose; f. al., bell; 16 vol.; val. equip., \$1,250.

Water Supply—Src., wells, 1 block bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; res. cap., 60,000 gals.; 3 pump. eng., cap. day 1,000,000 gals.; mains, 2 m., 4 to 10 in. dia.; 15 hyd.; 12 v.; 160 met.; 160 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 125 lbs.; cons. day, 50,000 gals.; cost, \$25,000; cost mtce., \$2,500; wks. owned by city.

HASKELL, p. 2,436. F. dept.—3 hose reels, 1,500 ft. hose.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 35,000 gals.

HEARNE, p. 3,000; f. area, 15 a. F. dept.—2 hose carts, 1,200 ft. hose; f. al., bell; val. equip., \$1,750; tot. mem., 42 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump; 1 pump. eng., cap. min. 300 gals.; mains, 4 m.; 100 hyd.; 16 v.; pres., dom. 58 lbs., f. 120 lbs.; cost, \$30,000; cost mtce., \$125; wks. owned by city.

HEMPSTEAD, p. 2,614; f. area, 250 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & 1 trk., 2 hose cart.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,200; tot. mem., 30 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 85,000 gals., dim. 100 x 12; res. cap., 20,000 gals.; 1 pump. eng., cap. day 750,000 gals.; mains, c. i., 4 m., 2 to 8 in. dia.; 29 hyd.; pres., dom. 40 lbs., f. 60 lbs.; cost, \$80,000; wks. owned by city.

HENRIETTA, p. 2,104; f. area, 300 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 50 c. hand ex., 1 h. & 1 trk., 2 hose carts, 1 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 200 ft.; inf., 400 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$750; exp. dept., \$1,600; tot. mem. 45, pd. full time 2, pd. part time 1, 42 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 100,000 gals., dim. 12 x 100; res. cap., 65,000 gals.; 3 pump. eng., class dup., cap. day 464,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; 26 hyd.; 21 v.; 117 met.; 185 serv.; pres., dom. 65 lbs., f. 90 lbs.; cons. day, 75,000 gals.; cost, \$38,000; cost mtce., \$3,500; wks. owned by city.

HEREFORD, p. 1,750; f. area, 110 blocks; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. eng., c. hand ex., 1 h. & 1 trk., hrs.; hose, cot. lined, gd., 1,000 ft.; f. al., elec., 1 bx.; val. equip., \$3,000; exp. dept., \$1,200; tot. mem. 15, pd. full time 1, vol. 14.

Water Supply—Not reported.

HICO, p. 1,437. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., elec. bell; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 150,000 gals., dim. 75 x 12; 2 pump. eng.; mains, 1½ m., 4 to 6 in. dia.; 23 hyd.; pres., 60 lbs.

HILLSBORO, p. 6,115; f. area, 1,280 a.; merc. bldgs., stn., bk. & wd., wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 2 hose reels, 1 hose cart., 5 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & telp.; val. equip., \$10,000; val. bldgs., \$16,000; exp. dept., \$2,100; tot. mem. 65, 2 pd. full time, 1 pd. part time, 62 vol.; undra. rating, third class.

Water Supply—Src., wells; sys., pump to stdp. & dir.; stdp. cap., 160,000 gals., dim. 14 x 115; res. cap., 200,000 gals.; 2 pump. eng., class comp. dup., cap. day 350,000 gals.; mains, c. i., 24 m., 4 to 10 in. dia.; 84 hyd.; 620 met.; 1,400 serv.; pres., dom. 45 lbs., f. 135 lbs.; cost, \$50,000; cost mtce., \$4,000; wks. owned by city.

HONEY GROVE, p. 2,300; f. area, 10 a.; bldgs., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 1 comb. c. & h. wag., 4 c. hand ex., 1 h. & 1 trk., 1 hose cart., 3 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; rub. gd., 200 ft.; tot. hose, 2,400 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$5,000; exp. dept., \$900; tot. mem., 30, pd. full time 1, 29 vol.; undra. rating, third class.

Water Supply—Src., wells & lake, 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals., dim. 25 x 45; res. cap., 200,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 60 hyd.; 20 v.; 300 met.; 350 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 120 lbs.; cons. day, 100,000 gals.; cost, \$115,000; wks. owned by priv. Co.

HOUSTON, p. 78,800; f. area, 10,240 a.; merc. bldgs., bk., 2 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—9 str., 1 c. eng., 1 h. & 1 trk., 24 c. hand ex., 2 comb. c. & h. wag., 1 aer. trk., 5 hose wag., 1 hose reel, 52 hrs.; hose, cot., rub. lined, gd., 18,900 ft.; f. al., elec., 133 bx.; val. equip., \$69,890; val. bldgs., \$92,000; exp. dept., \$60,000; tot. mem. 104, pd. full time. Insurance key rate, 28 cents.

Water Supply—Src., artesian wells; sys., pump to stdp. & dir.; stdp. cap., 795,000 gals., dim. 30 x 150; 6 pump. eng., class horizontal comp. dup., cap. day 32,200,000 gals.; mains, c. i., 120 m., 4 to 24 in. dia.; 966 hyd.; 1,213 v.; 11,236 met.; 9,300 serv.; pres., dom. 60 to 100 lbs., f. 80 to 100 lbs.; cost, \$1,619,333; cost mtce., \$50,000; wks. owned by city.

HUBBARD, p. 1,843; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; tot. mem., 20 vol.

Water Supply—Src., lake, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 84,600 gals., dim. 12 x 100; 2 pump. eng.; mains, 8½ m.; 12 hyd.; 35 met.; pres., dom. 45 lbs., f. 60 lbs.; cons. day, 100,000 gals.; cost, \$45,000; cost mtce., \$2,500; wks. owned by priv. Co.

HUNTSVILLE, p. 2,072; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; inf., 700 ft.; tot. hose, 2,200 ft.; f. al., wh.; tot. mem., 20 vol.; undra. rating, second class.

Water Supply—Src., well, 4 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 85,000 gals., dim. 24 x 60; mat., iron; pump. eng., cap. day 100,000 gals.; mains, iron, 4 m., 2 to 8 in. dia.; 40 hyd.; 10 v.; met., 100; pres., dom. 60 lbs., f. 84 lbs.; cost, \$24,000; wks. owned by city.

ITALY, p. 1,149; f. area, 1 m.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 12 c. hand ex., 1 h. & 1 trk., 1 hose cart., 1 hose cart.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$675; exp. dept., \$250; tot. mem., 33 vol.

Water Supply—Src., wells, 1-3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals., dim. 18 x 35; mat., stl.; res. cap., 50,000 gals.; 2 pump. eng., class comp.; mains, c. i., 7 m., 4 to 6 in. dia.; 7 hyd.; 175 serv.; pipe, galv. i.; pres., dom. 47 lbs., f. 150 lbs.; cons. day, 50,000 gals.; cost, \$21,000; wks. owned by Co.

ITASCA, p. 1,356; f. area, 320 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose cart.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$1,500; val. bldgs., \$3,000; tot. mem., 23 vol.

Water Supply—Src., not stated; sys., pump to stdp.; stdp. cap., 100,000 gals.; pump. eng., cap. day 285,200 gals.; mains, ½ m., 4 to 6 in. dia.; pres., f. 35 lbs.

JACKSONVILLE, p. 2,875. F. dept.—2 hand hose carts, 1,000 ft. hose.

Water Supply—Src., wells & spr.

JEFFERSON, p. 2,515; f. area, 320 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. F. dept.—1 str. eng., 1 h. & 1 trk., 2 hose cart.; hose, rub. gd., 1,000 ft.; leather, gd., 900 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$10,000; exp. dept., \$150; tot. mem., 12 vol.; undra. rating, third class.

Water Supply—Src., riv. & well, in bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals.; dim. 12 x 20; mat., stl. & iron; res. cap., 40,000 gals., loc. at city park; 1 pump. eng., cap. day 264,000 gals.; mains, c. i., 10 m., 4 to 8 in. dia.; 45 hyd.; 12 v.; 90 met.; 160 serv.; cons. day, 50,000 gals.; cost, \$25,000; cost mtce., \$1,200; wks. owned by city.

KAUFMAN, p. 1,959; bldgs., bk. F. dept.—1 hose cart; hose, 1,000 ft.; f. al., elec.; tot. mem., 20 vol. Insurance key rate, 74 cents.

Water Supply—Src., lake.

KEMP, p. 1,000. F. dept.—1 hand c. eng.; val. equip., \$450; tot. mem., 22 vol. No waterwks.

KERRVILLE, p. 1,843; f. area, 200 a.; bldgs., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 24 buckets, hooks, ladders, axes, lanterns, picks, 3 hose carts; hose, cot., rub. lined, gd., 1,400 ft.; f. al. bell; val. bldgs., \$700; exp. dept., \$40; tot. mem., 15 vol.; undrs. rating, fourth class. Insurance key rate, 83 cents.

Water Supply—Src., 2 wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 450,000 gals.; 2 pump. eng., cap. day 600,000 gals.; mains, c. i., $4\frac{1}{2}$ m., 4 to 6 in. dia.; 24 hyd.; pres., dom. 80 lbs., f. 80 lbs.; wks. owned by Co.

LADONIA, p. 1,293; f. area, 20 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 4 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al. bell & wh.; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$60; tot. mem. 35, pd. full time 1, pd. part time 1, vol. 38.

Water Supply—Src., lakes; sys., pump to stdp.; stdp. cap., 70,000 gals., dim. 80 x 20; 1 pump. eng., class dup., cap. day 750,000 gals.; mains, 3 m., 4 to 6 in. dia.; 20 hyd.; 40 serv.; pres., dom. 40 lbs., f. 85 lbs.; wks. owned by Co.

LA GRANGE, p. 1,850; f. area, 12 $\frac{1}{2}$ a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 2 hose wag.; hose, cot., rub. lined, gd., 1,800 ft.; f. al. elec. bell; val. equip., \$2,400; val. bldgs., \$400; exp. dept., \$200; tot. mem., 44 vol. Insurance key rate, 56 cents.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 141,000 gals., dim. 60 x 20; 2 pump. eng., cap. day 1,500,000 gals.; mains, $5\frac{1}{2}$ m., 4 to 5 in. dia.; 38 hyd.; 36 v.; pres., dom. 56 lbs., f. 140 lbs.; cost, \$39,000; wks. owned by city.

LAMPASS, p. 2,119; f. area, 160 a.; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., stn. & bk., 1 & 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al. bell; val. equip., \$2,000; exp. dept., \$750; tot. mem. 15, pd. full time 1, 14 vol.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; stdp. cap., 75,000 gals., dim. 20 x 50; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, $5\frac{1}{2}$ m., 4 to 8 in. dia.; 30 hyd.; pipe, wrt. i.; pres., dom. 40 to 50 lbs., f. 50 lbs.; cost, \$40,000; cost mtce., \$2,000; wks. owned by town.

LANCASTER, p. 1,115; f. area, 300 a. F. dept.—1 hose cart, 1 h. & l. trk.; hose, 1,150 ft.; f. al. bell; val. equip., \$1,260; tot. mem., 36 vol.

Water Supply—Src., artesian well, $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 65,000 gals.; 2 pump. eng., cap. day 216,000 gals.; mains, c. i., 2 m., 4 to 6 in. dia.; 12 hyd.; 200 serv.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$10,000; cost mtce., \$1,000; wks. owned by city.

LAREDO, p. 14,855; f. area, 800 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., bk. & adobe, 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 hose cart, 3 hose reels, 3 hrs.; hose, cot., rub. lined, gd., 900 ft.; rub., gd., 250 ft.; inf., 150 ft.; tot. hose, 1,300 ft.; f. al. telp.; val. equip., \$8,000; val. bldgs., \$5,000; exp. dept., \$1,200; tot. mem. 23, pd. full time 3, pd. part time 2, vol. 18; undrs. rating, second class.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 90,000 gals., dim. 20 x 40, loc. at station; mat., stl.; 6 pump. eng., class comp. dup., cap. day 8,000,000 gals.; mains, c. i., 17 m., 4 to 16 in. dia.; 109 hyd.; 100 v.; met., 165; pipe, galv. i.; pres., dom. 55 lbs., f. 75 lbs.; cons. day, 1,500,000 gals.; cost, \$204,000; cost mtce., \$16,390; wks. owned by Co.

LLANO, p. 1,687; bldgs., bk., stn. & wd., 1 & 3 stor. F. dept.—1 h. & l. trk., 1 hose reel; hose, 1,500 ft.; 2 hrs.; val. equip., \$1,000; exp. dept., \$100; 40 vol.; undrs. rating, second class.

Water Supply—Src., riv., 1 block bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 80,000 gals., dim.

15 x 100; mat., iron; res., cap. 130,000 gals.; 2 pump. eng., class trip., cap. day, 1,440,000 gals.; mains, c. i., 4 m., 2 to 8 in. dia.; met., 8; 850 serv.; pipe, wrt. i.; 11 hyd.; pres., dom. 75 lbs.; cost, \$30,000; cost mtce., \$1,000; wks. owned by Co.

LOCKHART, p. 2,945; f. area, 1,000 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; f. al. bell & wh.; val. equip., \$1,500; val. bldgs., \$1,500; tot. mem., 60 vol.; undrs. rating, third class.

Water Supply—Src., spr., 2 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals., dim. 12 x 100; 2 pump. eng.; mains, c. i., 10 m., 4 to 8 in. dia.; 40 hyd.; met., 115; 200 serv.; pipe, wrt. i.; pres., dom. 45 lbs., f. 100 to 125 lbs.; cons. day, 300,000 gals.; cost, \$200,000; cost mtce., \$11,000; wks. owned by Co.

LONGVIEW, p. 5,155; f. area, 10 a.; bldgs., bk. & wd., 1 & 3 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 h. & l. trk., 1 stn. eng., 1 c. eng., 1 comb. c. h. & l. trk., 1 hose car.; hose, cot., gd., 3,500 ft.; 2 hrs.; f. al. bell; val. equip., \$10,000; val. bldgs., \$5,000; exp. dept., \$2,500; tot. mem. 12, pd. full time 2, pd. part time 10. Insurance key rate, 50 cents.

Water Supply—Src., 2 cisterns, cap. 100,000 gals.; deep wells, cap. 450,000 gals. day; pres., 90 lbs.

LOTT, p. 1,600; f. area, 500 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 1 h. & l. trk., hose reels; hose, cot., rub. lined, gd., 500 ft.; inf., 500 ft.; tot. hose, 1,000 ft.; f. al. bell; val. equip., \$600; val. bldgs., \$900; tot. mem., 20 vol.

Water Supply—Not reported.

LOUISVILLE, p. 1,200; f. area, 30 a. No org. f. dept.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 1 pump. eng.; wks. owned by priv. Co.

LUFKIN, p. 2,749; f. area, 10 a.; bldgs., bk., wd. & iron; wd. rfs. not perm. F. dept.—1 c. eng., 1 h. & l. trk., 1 comb. c. h. & l. wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al. Gamewell, elec.; val. equip., \$5,000; val. bldgs., \$2,000; tot. mem. 26, pd. part time.

Water Supply—Src., 2 lakes, 1 $\frac{1}{2}$ & 2 $\frac{1}{2}$ m. bus. cent.; sys., lakes connected with each other & pump to stdp. & mains; stdp. cap., 86,000 gals., dim. 12 x 100; mat., stl.; 8 pump. eng., cap. day, 3,000,000 gals., class dup.; mains, c. i., 15 m., 4 to 8 in. dia.; 65 hyd.; 15 v.; 300 met.; 300 serv.; cons. day, 200,000 gals.; pres., dom. 42 lbs., f. 80 lbs.; cost, \$60,000; cost mtce., \$4,000; wks. owned by city. Insurance key rate, 53 cents.

LULING, p. 1,404; f. area, 502 a.; merc. bldgs., stn., bk. & wd., 1 to 2 $\frac{1}{2}$ stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 c. hand ex., 1 h. & l. trk., 6 hose car.; hose, cot., rub. lined, gd., 2,250 ft.; inf., 1,000 ft.; tot. hose, 3,250 ft.; f. al. bell; val. equip., \$3,000; val. bldgs., \$1,000; tot. mem., 42 vol.

Water Supply—Src., riv.; sys., pump to stdp. & dir.; stdp. cap., 180,000 gals., dim. 80 x 25, 100 x 20; 1 pump. eng., class dup., cap. day 750,000 gals.; mains, 4 m., 4 to 8 in. dia.; 16 hyd.; 12 v.; 225 serv.; pres., dom. 45 lbs., f. 100 lbs.; cost, \$30,000; cost mtce., \$1,500; wks. owned by Co.

MCGREGOR, p. 1,864. F. dept.—1 hose car.; hose, 1,100 ft.; tot. mem., 20 vol. Insurance key rate, 84 cents.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals., dim. 16 x 24; mat., stl.; res. cap., 130,000 gals.; 3 pump. eng., cap. day, 290,000 gals.; mains, 8 m., 1 to 6 in. dia.; 5 hyd.; 100 met.; 650 serv.; pres., dom. & f. 40 lbs.; cons. day, 100,000 gals.; cost, \$90,000; cost mtce., \$5,000; wks. owned by priv. Co.

McKINNEY, p. 4,714; f. area, 20 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 $\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 2 c. hand ex., 2 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 250 ft.; tot. hose, 2,250

ft.; f. al., bell & wh.; val. equip., \$20,000; val. bldgs., \$14,000; exp. dept., \$750; tot. mem., 50, pd. full time 1; undrs. rating, third class.

Water Supply—Src., wells, $\frac{3}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals.; 1 pump. eng., class dup., cap. day 1,000,000 gals.; mains, c. l., $4\frac{1}{2}$ m., 6 to 12 in. dia.; 51 hyd.; met., 14; 180 serv.; pres., dom. 75 lbs., f. 125 lbs.; cost, \$40,000; cost mtce., \$2,700; wks. owned by town.

MABANK, p. 412. No f. dept.

Water Supply—Src., artificial lake; sys., pump to stdp.

MADISONVILLE, p. 1,200; f. area, 5 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 7 c. hand ex., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$100; tot. mem., 30 vol.

Water Supply—Not reported.

MANOR, p. 572. F. dept.—1 hand pump, 600 ft. hose; vol.

Water Supply—Src., cistern.

MANSFIELD, p. 627. F. dept.—1 hose cart, 600 ft. hose; vol.

Water Supply—Src., artesian wells; sys., pump to stdp.; stdp. cap., 11,000 gals.; res. cap., 1,000 gals.; mains, 1,200 ft., 2 to 4 in. dia.; 7 hyd.; pres., 32 to 50 lbs.

MARBLE FALLS, p. 1,061; f. area, 500 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—12 c. hand ex., ladders & f. hooks; hose, cot., rub. lined, gd., 400 ft.; f. al., horn; vol. f. dept.

Water Supply—To be installed.

MARFA, p. 2,500; f. area, 500 a. F. dept.—2 hand c. eng., 1 hand h. & l. trk.; val. equip., \$425; val. bldgs., \$200; tot. mem., 30 vol. No waterwks.

MARKEL, p. 2,500; f. area, 1 sq. m.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 1 comb. c. & hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,100 ft.; rub. gd., 300 ft.; inf., 900 ft.; tot. hose, 2,300 ft.; f. al., bell; val. equip., \$3,900; val. bldgs., \$700; exp. dept., \$400; tot. mem. 38, pd. part time 1, vol. 37.

Water Supply—Src., well, 300 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals., dim. 50 x 80 ft.; mat., stl.; res. cap., 125,000 gals.; 1 pump. eng., cap. day 100,000 gals.; mains, c. l., 2 m., 6 to 8 in. dia.; 27 hyd.; 25 v.; pipe, galv. i.; pres., dom. 50 to 75 lbs., f. 160 lbs.; cost, \$25,000; cost mtce., \$600; wks. owned by city.

MARLIN, p. 3,878; f. area, 6 blocks; merc. bldgs., bk., 2 & 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 1 hose wag., 3 hose carts, 6 hrs.; hose, cot., rub. lined, gd., 2,450 ft.; f. al., bell; vol. Insurance key rate, 60 cents.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & res.; stdp. cap., 90,000 gals., dim. 120 x 21, loc. near station; mat., stl.; res. cap., 5,000,000 gals., loc. at station; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 5 m., 4 to 12 in. dia.; 62 hyd.; 82 v.; 125 serv.; black pipe; pres., dom. 50 lbs., f. 75 lbs.; cons. day, 300,000 gals.; cost, \$85,000; wks. owned by Co.

MARSHALL, p. 11,452; f. area, 25 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 3 hose wag., 10 hrs.; hose, 4,000 ft.; f. al., bell & wh.; val. equip., \$17,000; val. bldgs., \$2,500; exp. dept., \$6,000; tot. mem. 100, 6 pd. full time, 94 vol.; undrs. rating, third class.

Water Supply—Src., wells, 3 m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 157,888 gals., dim. 16 x 125; tower cap., 160,000 gals., dim. 26 x 40; res. cap., 800,000 gals., loc. at station; 4 pump. eng., class comp., cap. day 3,000,000 gals.; mains, 26 m., 4 to 10 in. dia.; 175 hyd.; 50 v.; met., 650; 750 serv.; pres., dom. 65 lbs., f. 75 to

85 lbs.; cons. day, 400,000 gals.; cost, \$135,000; cost mtce., \$5,000; wks. owned by city.

MART, p. 3,500; f. area, 25 a. F. dept.—Hose carts, 22 vol.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump; 1 pump. eng.; cost, \$50,000; wks. owned by city.

MASON, p. 1,200; f. area, 220 a. F. dept.—1 c. eng.; val. equip., \$800; exp. dept., \$50; tot. mem., 17 vol.

Water Supply—Not reported.

MEMPHIS, p. 1,986. F. dept.—2 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; exp. dept., \$1,200; tot. mem., 20, pd. full time 1, vol. 19.

Water Supply—Src., spr., 6 m. bus. cent.; sys., grav.; res. cap., 300,000 gals.; mains, c. & galv. l., 14 m., $1\frac{1}{2}$ to 8 in. dia.; 25 hyd.; 85 met.; 500 serv.; pipe, galv. i.; pres., dom. & f. 110 lbs.; cost, \$100,000; wks. owned by priv. Co.

MERIDIAN, p. 713; f. area, 10 a.; merc. bldgs., stn., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,550; val. bldgs., \$200; tot. mem., 27 vol.

Water Supply—Src., artesian well, in bus. cent.; sys., dir. pres.; stdp. cap., 30,000 gals. mat., stl.; res. cap., 12,000 gals.; 2 pump. eng., cap. day 96,000 gals.; mains, iron, $4\frac{1}{2}$ m., 2 to 6 in. dia.; 5 hyd.; 200 serv., pres., dom., 45 lbs.; cons. day, 20,000 gals.; wks. owned by priv. Co.

MERKEL, p. 2,500; f. area, 640 a. F. dept.—1 hand c. eng., 1 h. & l. wag., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell; val. equip., \$3,200; val. bldgs., \$600; exp. dept., \$350; tot. mem., 36 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir.; 3 pump. eng.; mains, 2 m.; 27 hyd.; 30 v.; pres., dom. 50 lbs., f. 140 lbs.; cost, \$25,600; cost mtce., \$500; wks. owned by city.

MEXIA, p. 2,694; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., comb. c. & h. wag., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$400; exp. dept., \$1,000; tot. mem., 15 vol.; undrs. rating, third class.

Water Supply—Src., spr., 6 m. bus. cent.; sys., pump to stdp.; stdp. cap., 96,000 gals., dim. 12 x 100; mat., iron; 2 pump. eng., cap. day 750,000 gals.; mains, c. l., 12 m., 2 to 8 in. dia.; 28 hyd.; met., 25; 425 serv.; pipe, black i.; pres., dom. 40 lbs., f. 60 lbs.; cons. day, 75,000 gals.; cost, \$60,000; cost mtce., \$500; wks. owned by Co.

MIDLAND, p. 2,196. F. dept.—hose carts, 1,500 ft. hose; val. equip., \$2,000; tot. mem., 22 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; 1 pump. eng.; 23 hyd.; 10 v.; 90 serv.; pres., dom. 42 lbs., f. 95 lbs.; cost, \$54,000; wks. owned by city.

MIDLOTHIAN, p. 1,000; f. area, 8 a. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$600; tot. mem., 30 vol.; undrs. rating, third class.

Water Supply—Src., deep well, 1 m. bus. cent.; sys., pump to stdp.; mains, 700 ft.; 6 hyd.; 12 v.; pres., f. 40 lbs.; wks. owned by priv. Co.

MINEOLA, p. 1,706. F. dept.—6 hand ex., 1 h. & l. trk., 1,000 ft. hose; vol.

MINERAL WELLS, p. 3,950; merc. bldgs., bk. & stn. F. dept.—1 h. & l. trk., 2 hose carts, 1 comb. hose wag.; hose, 2,000 ft.; f. al., bell; tot. mem. 35, 1 pd. full time, 2 pd. part time, 32 vol.

Water Supply—Src., lake; sys., pump; res. cap., 100,000 gals.; pump. eng., cap. hour 63,000 gals.

MOUNTCALM, p. 575. F. dept.—1 c. eng., 310 ft. hose; vol.

MOUNT PLEASANT, p. 3,137. F. dept.—1 hose cart, 600 ft. hose; vol.

Water Supply—Src., lake; sys., pump to stdp.; stdp. cap., 100,000 gals.; mains, 4 to 6 in. dia.; 19 hyd.; pres., 70 lbs.

NACOGDOCHES, p. 3,369; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv.

F. dept.—10 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem. 31, pd. full time 1, 30 vol. Insurance key rate, 59 cents.

Water Supply—Src., lake, 1 m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 126,000 gals.; res. cap., 500,000 gals.; 2 pump. eng., cap. day, 11,592,000 gals.; mains, 10 m., 3 to 10 in. dia.; 75 hyd.; 400 met.; 400 serv.; pres., dom. 45 lbs., f. 75 lbs.; cons. day, 250,000 gals.; cost, \$75,000; cost mtce., \$6,000; wks. owned by city.

NAVASOTA, p. 3,284; f. area, 10 blocks; merc. bldgs., stn. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 200 ft.; inf., 500 ft.; tot. hose, 2,700 ft.; f. al., telp.; val. equip., \$3,500; val. bldgs., \$15,000; exp. dept., \$420; tot. mem., 25 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 100,000 gals.; res. cap., 100,000 gals.; 2 pump. eng., cap. day 1,750,000 gals.; mains, 6½ m., 4 to 8 in. dia.; 40 hyd.; 40 v.; met., 3; pres., dom. 38 to 66 lbs., f. 120 to 160 lbs.; cost, \$28,000; cost mtce., \$1,400; wks. owned by city.

NEW BRAUNFELS, p. 3,165; f. area, 650 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—5 c. hand ex., 1 auto. comb. hose & pump. trk., 6 hose car.; hose, cot., rub. lined, gd., 3,600 ft.; f. al., elec. & telp., 63 bx.; val. equip., \$15,000; val. bldgs., \$6,000; exp. dept., \$1,000; tot. mem., 60 vol. Insurance key rate, 60 cents.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 200,000 gals., dim. 25 x 58; mat., boiler stl.; 2 pump. eng., class dup. & trip., cap. day 1,944,000 gals.; mains, c. i., 11.6 m., 6 to 12 in. dia.; 122 hyd.; 112 v.; 15 met.; 993 serv.; pipe, wrt. i.; pres., dom. 40 lbs., f. 110 lbs.; cons. day, 350,000 gals.; cost, \$132,437; cost mtce., \$6,300; wks. owned by city.

OAK CLIFF, p. 8,000. F. dept.—1 auto. pump. eng., 1 h. & l. trk., 1 comb. c. & h. wag.; val. equip., \$12,000; val. bldgs., \$11,000; tot. mem., 19.

Water Supply—Part of Dallas, Tex., water supply sys.; src., artesian well; sys., pumps; 60 hyd.; pres., dom. 25 lbs., f. 100 lbs.; wks. owned by city.

ORANGE, p. 5,527; bldgs., bk. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 hose wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & telp.; val. equip., \$4,500; val. bldgs., \$250; exp. dept., \$1,200; tot. mem., 21, 1 pd. full time, 30 vol.; undra. rating, third class.

Water Supply—Src., artesian wells; sys., pump to stdp. & dir.; res. cap., 25,000 gals.; 4 pump. eng., cap. day 15,000,000 gals.; mains, 6 m., 4 to 10 in. dia.; 36 hyd.; 200 met.; 350 serv.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 600,000 gals.; cost, \$25,000; cost mtce., \$1,500; wks. owned by Co.

PALESTINE, p. 10,482; f. area, 500 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 auto. c. eng., 1 comb. c. & h. wag., 1 h. & l. trk., 2 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 150 ft.; inf., 1,000 ft.; tot. hose, 3,650 ft.; f. al., telp.; val. equip., \$16,000; val. bldgs., \$15,000; exp. dept., \$8,625; tot. mem., 7, pd. full time.

Water Supply—Src., spr. & waterheds, 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals., dim. 30 x 100; mat., iron; 2 pump. eng., cap. day 5,500,000 gals.; mains, c. i., 24 m., 4 to 14 in. dia.; 130 hyd.; 38 v.; 260 met.; 1,200 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 85 lbs.; cost, \$250,000; cost mtce., \$12,000; wks. owned by Co.

PARIS, p. 11,269; f. area, 50 a.; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., stn. & bk., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. pump. eng., 1 auto. h. & l. trk., 1 chiefs auto., 1 str., 1 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 11 hrs.; hose, rub. gd., 3,700 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$10,000; exp. dept., \$10,000; tot. mem. 23, pd. full time.

Water Supply—Src., lake & wells, 7 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 305,000 gals., dim. 130 x 20; mat. stl.; res. cap., 1,500,000 gals.; 4 pump. eng., cap. day, 4,000,000 gals.; mains, 38 m., 4 to 12 in. dia.; 225 hyd.; 75 v.; met., 1,400; 1,400 serv.; pipe, c. i.; pres., dom. 85 lbs., f. 100 lbs.; cons. day, 600,000 gals.; cost, \$250,000; cost mtce., \$25,000; wks. owned by city.

PEARSALL, p. 1,799; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 c. eng., 12 c. ex., 1 h. & l. trk., 1 hose car.; bucket brigade; val. equip., \$750; tot. mem., 30 vol.

Water Supply—Src., wells in bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; res. cap., 60,000 gals.; 2 pump. eng., class trip., cap. day 300,000 gals.; mains, c. i., 5 m., 2 to 8 in. dia.; 12 hyd.; 10 v.; 95 met.; 250 serv.; cons. day, 120,000 gals.; cost, \$25,000; wks. owned by priv. Co.

PECOS, p. 3,000. F. dept.—1 str., 2 hose wag., 2 c. eng., 2 h. & l. wag., 1,600 ft. hose; f. al., bell & telp., 12 bx.; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$600; tot. mem., 31, pd. full time 1, 30 vol.

Water Supply—Src., artesian well, 1 m. bus. cent.; sys., pump; f. pres., 120 lbs.; wks. owned by city.

PILOT, p. 1,371. F. dept.—2 hose carts, 6 hand ex., ladders, buckets, 1,000 ft. hose.

Water Supply—Src., wells; sys., grav.; stdp. cap., 50,000 gals.; 4 pump. eng.; mains, 4 m., 3 in. dia.; 9 hyd.; 200 serv.; wrt. i. pipe; pres., dom. 33 lbs., f. 75 lbs.; cons. day, 20,000 gals.; cost, \$15,000; cost mtce., \$1,200; wks. owned by Co.

PITTSBURG, p. 1,916. F. dept.—2 hose carts, 1,000 ft. hose; val. equip., \$2,000; exp. dept., \$500; tot. mem., 30 vol.

Water Supply—Src., deep wells; sys., 2 pumps; wks. owned by Co.

PLANO, p. 1,258; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 comb. hose & h. & l. wag., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell & telp., 2 bx.; tot. mem. 20, pd. full time 1, vol. 19; undra. rating, third class.

Water Supply—Src., creek & well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 90,000 gals., dim. 14 x 80; 2 pump. eng., class dup., cap. day 305,280 gals.; mains, 3½ m., 4 to 18 in. dia.; 32 hyd.

PORT ARTHUR, p. 7,663. F. dept.—1 str., 3 comb. c. & h. wag., 1 h. & l. trk., 1 supply wag., 1 hose cart; hose, 5,600 ft.; f. al., 36 bx.

Water Supply—Src., Neches riv.; sys., pump to stdp.; res. cap., 18,000,000 gals.; stdp. cap., 100,000 gals.; dir. pres., 100 lbs.; 60 hyd.

QUANAH, p. 3,127; f. area, 1½ sq. m.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. trk., with 1,200 ft. hose, 1 c. eng., 12 c. ex., 1 h. & l. trk., 1 hose wag.; hose, rub., 1,400 ft.; f. al., bell; 3 hrs.; val. equip., \$5,000; val. bldgs., \$500; exp. dept., \$500; tot. mem., 33 vol.; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 100,000 gals.

RICHMOND, p. 1,371. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 25 vol. Insurance key rate, 91 cents.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 59,000 gals., dim. 10 x 100; 2 pump. eng.; mains, 1 m., 4 to 8 in. dia.; 18 hyg.

ROBY, p. 712. F. dept.—1 hose cart, 600 ft. hose; vol.

Water Supply—Src., Cottonwood crk.; sys., pump to stdp.; mains, 1½ m., 2 to 4 in. dia.

ROCKDALE, p. 2,078; f. area, 640 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; tot. mem., 50 vol.; undra. rating, third class.

Water Supply—Src., wells, 3 blocks bus. cent.;

sys., pump to stdp.; stdp. cap., 93,000 gals., dim. 10 x 110; pump. eng., cap. day 1,000,000 gals.; mains, c. i., 2 m., 2 to 6 in. dia.; 20 hyd.; 14 v.; pipe, wrt. i.; pres., dom. 50 lbs., f. 110 lbs.; cost, \$45,000; wks. owned by Co.

ROCKPORT, p. 1,382; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 1 hose car., 1 hrs.; hose, cot., rub. lined, gd., 300 ft.; f. al., bell; val. equip., \$2,000; tot. mem., 15 vol. Insurance key rate, \$1.01.

Water Supply—Src., wells.

ROCKWELL, p. 1,136; merc. bldgs., stn. & bk. F. dept.—1 h. & l. trk., 1 hose cart; hose, 1,000 ft.; f. al., bell; tot. mem., 22 vol.

Water Supply—Src., well; sys., grav. & pump; res. cap., 32,000 gals.; pump. eng., cap. day 15,000 gals.

ROGERS, p. 1,500; f. area, 1,000 a. F. dept.—2 hose carts, 1,000 ft. hose; f. al., bell; val. equip., \$1,250; val. bldgs., \$750; tot. mem., 20, pd. part time.

Water Supply—Src., lake & riv., 1 m. bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; res. cap., 20,000,000 gals.; 2 pump. eng., cap. day, 900,000 gals.; mains, iron, 10 m., 2 to 8 in. dia.; 20 hyd.; 350 met.; pres., dom. 50 lbs., f. 75 lbs.; cons. day, 50,000 gals.; cost, \$50,000; cost mtce., \$2,000; wks. owned by priv. Co.

ROSEBUD, p. 1,472; f. area, 12 blocks; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand h. & l. trk., 2 hand hose reels, 1,300 ft. hose; f. al., bell, telp. & wh.; tot. mem., 42 vol.

Water Supply—Src., lake; sys., pump dir. & grav.; 1 pump. eng., cap. day 720,000 gals.; stdp. cap., 50,000 gals.; mains, 3,130 ft., 4 to 6 in. dia.; 13 hyd.; cons. day, 40,000 gals.; pres., dom. 40 lbs., f. 125 lbs.; wks. owned by municipality.

ROUND ROCK, p. 1,188; f. area, 640 a.; merc. bldgs., stn. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 h. eng., 1 c. eng., 1 hose car.; hose, cot., rub. lined, gd., 400 ft.; inf., 200 ft.; tot. hose, 600 ft.; f. al., bell; tot. mem., 30 vol.; undrs. rating, fourth class.

No water supply.

SABINAL, p. 1,640; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$500; exp. dept., \$25; tot. mem., 22 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; 1 pump. eng., class trip., cap. day, 720,000 gals.; mains, 3½ m., 4 to 8 in. dia.; cost, \$50,000; cost mtce., \$8,000; wks. owned by priv. Co.

SAN ANGELO, p. 10,821; merc. bldgs., bk., stn. & conc., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand ex., 1 auto. triple comb. trk., 1 h. & l. trk., 1 hose wag., 1 comb. c. & h. wag., 2 hose carts; hose, cot., rub. lined, gd., 2,700 ft.; f. al., telp.; val. equip., \$5,500; val. bldgs., \$300; tot. mem., 20, pd. full time; undrs. rating, third class.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 250,000 gals.; dim. 20 x 100; mat., stl.; res. cap., 300,000 gals.; 2 pump. eng., cap. day 5,500,000 gals.; mains, c. i., 45 m., 4 to 10 in. dia.; 85 hyd.; 75 v.; 1,400 met.; 1,850 serv.; pres., dom. 60 to 80 lbs., f. 120 lbs.; cons. day, 1,000,000 gals.; cost, \$150,000; cost mtce., \$12,000; wks. owned by Co.

SAN ANTONIO, p. 96,614; f. area, 36 sq. m.; merc. bldgs., bk. & stn., 1 to 10 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—6 str., 2 auto. comb. pump. eng. & hose wag., 7 comb. c. & h. wag., 2 auto. comb. h. & l. & c. trk., 1 aer. h. & l. trk., 17 c. hand ex., 5 hose wag., 53 hrs.; hose, cot., rub. lined, gd., 26,050 ft.; f. al., Gamewell, 121 bx.; val. equip., \$138,835; val. bldgs., \$118,250; exp. dept., \$125,000; tot. mem., 128, pd. full time.

Water Supply—Src., wells; sys., pump to res. &

dir.; res. cap., 5,000,000 gals., loc. 3 m. north cent. city; 15 pump. eng., class horizontal comp., dup. trip., cap. day 52,400,000 gals.; mains, c. i., 200 m., 4 to 30 in. dia.; 1,700 hyd.; 1,057 v.; met., 6,000; 23,000 serv.; pipe, galv. i. & lead; pres., dom. 80 to 90 lbs., f. 90 to 120 lbs.; cons. day, 11,400,000 gals.; cost, \$4,500,000; cost mtce., \$20,000; wks. owned by priv. Co.

SAN AUGUSTINE, p. 1,500; f. area, 100 a. F. dept.—2 hose reels, 1,000 ft. hose; val. equip., \$2,000; val. bldgs., \$100; tot. mem., 17 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; 2 pump. eng.

SAN MARCOS, p. 4,071; bldgs., bk. & stn., 1 to 3 stor.; wd. rfs. not perm. in f. area. F. dept.—1 hand ladder trk., 3 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$3,500; tot. mem., 76, 1 pd. man, 75 vol.

Water Supply—Src., riv.; sys., grav. & pump to res.; res. cap., 750,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 23 m., 4 to 10 in. dia.; 25 hyd.; 34 v.; met., 25; pres., dom. 100 lbs., f. 250 lbs.; cons. day, 600,000 gals.; cost, \$75,000; cost mtce., \$2,750; wks. owned by Co.

SAN SABA, p. 589; merc. bldgs., stn., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. ord.; no org. f. dept.

Water Supply—Src., spr.; sys., pump dir.; stdp. cap., 100,000 gals.; pump. eng., cap. day 96,120 gals.; mains, c. i., 5 3-8 m., ¾ to 6 in. dia.; 135 hyd.; pipe, 4½ m., 3 to 5¼ in. dia.; 175 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 lbs.; cost, \$27,000; cost mtce., \$500; wks. owned by Co.

SCHULENBURG, p. 1,091; bldgs., wd., 1 & 2 stor.; wd. rfs. not perm. in f. limits. F. dept.—1 hand eng., 2 priv. hand eng., 20 c. ex., 1 h. & l. trk., 5 hose carts; hose, rub. gd., 1,900 ft.; al., bell; val. equip., \$800; val. bldgs., \$75; tot. mem., 40 vol.; undrs. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump dir.; stdp. cap., 115,000 gals.; dim. 14 x 100, mat. iron; pump. eng., cap. day 5,000 to 10,000 gals.; mains, c. i., 6,131 ft., 6 & 8 in. dia.; 20 hyd.; wks. owned by city.

SEALY, p. 1,370; f. area, 1,280 a.; bldgs., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—18 c. ex., bucket brigade; f. al., bell; mem., 18.

Water Supply—Src., wells & cisterna.

SEQUIN, p. 3,116; f. area, 350 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose wag.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., telp.; val. equip., \$2,500; val. bldgs., \$3,000; tot. mem., 35 vol.

Water Supply—Src., riv., 1¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. No. 1, cap. 60,000 gals.; No. 2, cap. 300,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 10 m., 2 to 10 in. dia.; 44 hyd.; 20 v.; 750 serv.; pres., dom. 45 lbs., f. 60 lbs.; cons. day, 75,000 gals.; cost, \$80,000; cost mtce., \$2,000; wks. owned by city.

SHERMAN, p. 12,412; f. area, 2,500 a.; merc. bldgs., bk., stn. & wd., 1 to 5 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 6 c. hand ex., 1 h. & l. trk., 3 hose wag., 1 hose reel; 1 chief's buggy, 11 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; inf., 500 ft.; tot. hose, 6,500 ft.; f. al., telp.; val. equip., \$20,860; val. bldgs., \$29,000; exp. dept., \$16,000; tot. mem., 75, pd. full time 14, vol. 61; undrs. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 625,000 gals.; res. cap., 350,000 gals.; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 14½ m., 4 to 10 in. dia.; 260 hyd., 27 v.; met., 2,000; 2,400 serv.; pipe, wrt. i.; pres., dom. 60 lbs., f. 200 lbs.; cost, \$145,000; cost mtce., \$10,000; wks. owned by city.

SHINER, p. 1,096. F. dept.—3 hose carts, hose, 900 ft.; tot. mem., 34 vol.

Water Supply—Sys., pump to stdp.; res. cap., 50,000 gals.; mains, 1½ m.; 24 hyd.

SMITHVILLE, p. 3,167; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.

in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, rub., gd., 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$100; exp. dept., \$125; tot. mem., 30 vol.

Water Supply—Src., riv., 2,040 ft. bus. cent.; sys., grav. & pump dir.; 2 pump. eng.; cap. day, 1,500,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 24 hyd.; 10 v.; 390 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 80 to 125 lbs.; cons. day, 200,000 gals.; cost, \$25,000.

SONORA, p. 1,200. F. dept.—2 hose carts; hose, 1,200 ft.; val. equip., \$800; val. bldgs., \$150; exp. dept., \$150; tot. mem., 20, pd. part time.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; res. cap., 335,000 gals.; 2 pump. eng., cap. day 85,000 gals.; mains, 1 m., 5 & 6 in. dia.; 10 hyd.; 2 v.; 50 met.; 150 serv.; pipe, wrt. i.; pres., dom. & f., 45 lbs.; cons. day, 15,000 gals.; cost, \$15,000; cost mtce., \$3,000; wks. owned by priv. Co.

STAMFORD, p. 3,902. F. dept.—1 gas eng., 1 h. & l. trk., 1 hose wag., 2 hand hose reels, 2 hrs.; hose, 3,000 ft.; val. equip., \$5,000; val. bldgs., \$2,500; exp. dept., \$1,500; tot. mem., 38 vol., 1 pd. man.

Water Supply—Src., artificial lake, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. day, 600,000 gals.; mains, c. l., 11 m., 4 to 8 in. dia.; 33 hyd.; 60 v.; 460 met.; 800 serv.; pres., f. 65 lbs.; cons. day, 200,000 gals.; wks. owned by Stamford Water Works Co., Inc.

STEPHENVILLE, p. 2,561. F. dept.—1 hose wag., 1 hose cart; hose, 1,500 ft.; tot. mem., 25 vol.; undra. rating, fourth class.

Water Supply—Src., 2 wells; stdp. cap., 68,000 gals.; res. cap., 76,500 gals.; 2 pumps; pres., 125 lbs.; wks. owned by city.

SULPHUR SPRINGS, p. 5,151; f. area, 100 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., $1\frac{1}{2}$ stor.;

wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 1 hose cart, 4 hrs.; hose, cot., rub. lined, gd., 2,100 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$5,000; exp. dept., \$750; tot. mem., 20; pd. full time 1, 19 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 115,000 gals., dim. 12 x 120; 1 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 4 m., 3 to 8 in. dia.; 25 hyd.; 65 serv.; pipe, black & galv. i.; pres., f. 60 lbs.; cost, \$50,000; cost mtce., \$3,000; wks. owned by Co.

SWEET WATER, p. 6,000; f. area, 20 a. F. dept.—2 hose wag.; f. al., bell; val. equip., \$1,200; val. bldgs., \$1,200; exp. dept., \$1,500; tot. mem., 18 vol.

Water Supply—Src., res., 1 m. bus. cent.; sys., pump dir.; 14 hyd.; wks. owned by city.

TAYLOR, p. 5,314; f. area, 275 a.; bldgs., bk., str. & wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 2 hose car., 6 c. hand ex., 3 hrs.; hose, cot., rub. lined, gd., 3,800 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$3,000; tot. mem., 65 vol.; undra. rating, third class.

Water Supply—Src., well, 9 blocks bus. cent.; sys., grav. & dir. pres.; stdp. cap., 155,000 gals., dim. 16 x 104, loc. cent. of city, mat. stl.; res. cap., 30,000,000 gals., loc. near city; 2 pump. eng., cap. day, 1,500,000 gals.; mains, wrt. & c. i., 15 m., 4 to 10 in. dia.; 46 hyd.; 46 v.; 850 met., 1,200 serv.; pipe, wrt. i.; pres., dom. 45 lbs., f. 80 to 100 lbs.; cons. day, 300,000 gals.; cost, \$125,000; cost mtce., \$25,000; wks. owned by priv. Co.

TEAGUE, p. 3,288. F. dept.—Not reported.

Water Supply—Src., spr. & well, 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 75,000 gals., mat. sheet i.; 2 gasoline pump. eng., cap. day 60,000 gals.; mains, 3 m., 4 to 10 in. dia.; 33 hyd.; 50 v.; met., 54; pipe, galv. i.; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 300,000 gals.; cost, \$50,000; cost mtce., \$2,000; wks. owned by city.

TEMPLE, p. 10,998; f. area, 2,150 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 1 c. eng., 4 c. hand ex., 2

hose wag., 1 hose reel, 6 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 200 ft.; tot. hose, 5,200 ft.; f. al., telp; val. equip., \$15,000; val. bldgs., \$18,000; exp. dept., \$7,000; tot. mem., 123, 9 pd. full time, 10 pd. part time, 104 vol. Insurance key rate, 40 cents.

Water Supply—Src., riv., 6 m. bus. cent.; sys., grav. & pump to res.; stdp. cap., 265,000 gals., dim. 110 x 18; res. cap., 6,000,000 gals.; 8 pump. eng., cap. day 6,000,000 gals.; mains, 30 m., 4 to 18 in. dia.; 124 hyd.; 130 v.; pres., dom. 60 lbs., f. 120 lbs.; cost, \$320,000; cost mtce., \$25,000; wks. owned by city.

TERRELL, p. 7,050; f. area, 480 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. pump. eng. & hose wag., 2 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 300 ft.; tot. hose, 2,800 ft.; f. al., bell; val. equip., \$14,000; val. bldgs., \$2,500; exp. dept., \$2,000; tot. mem., 32; pd. full time 2, 30 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 150,000 gals.; 3 pump. eng., cap. day 600,000 gals.; mains, 6 m.; 43 hyd.; met., 160; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 200,000 gals.; cost, \$48,000; wks. owned by city.

TEXARKANA, p. 9,790; bldgs., bk., 2, 3 & 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 trip. comb. auto. h. & c. wag. equipped with small ladder & pump, 2 auto. comb. h. & c. wag. with ladders, 1 h. & l. trk., 1 str., 1 chief's auto. with c., 1 comb. h. & c. wag., 1 hose wag.; hose, cot., rub. lined, gd., 9,000 ft.; f. al., bell; val. equip., \$3,600; val. bldgs., \$1,200; tot. mem., 68 vol.; undra. rating, second class.

Water Supply—Src., lake & wells; sys., pump to stdp. & dir.; stdp. dim., 110 x 20; 3 pump. eng., class dup. comp., cap. day 4,000,000 gals.; mains, 30 m., 4 to 12 in. d.a.; 110 hyd.; pres., dom. 45 lbs.

THURBER, p. 4,500. F. dept.—2 hose carts, ladders, hooks, buckets, &c.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 38, pd. part time.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump.; 2 pump. eng., cap. min. 1,250 gals.; mains, 2,500 ft., 6 to 10 in. dia.; 12 hyd.; 24 v.; pres., dom. 60 lbs., f. 60 lbs.; wks. owned by Co.

TROY, p. 219. F. dept.—1 hose cart, 300 ft. hose, vol.

Water Supply—Src., well; pump to stdp.; stdp. cap., 10,000 gals.; mains, 4 in. dia.; 3 hyd.

TYLER, p. 10,400; f. area, 648 a.; bldgs., wd. & bk., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng. & ladders, 1 hose wag. equipped with hand c. & ladders, 1 h. & l. trk., 1 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 3,800 ft.; f. al., telp. & bell; val. equip., \$12,500; val. bldgs., \$20,000; tot. mem., 37, pd. full time 12, vol. 25; undra. rating, third class.

Water Supply—Src., creek & spr., 5 m. bus. cent.; sys., pump dir.; res. cap., 25,000,000 gals.; 3 pump. eng., cap. day 4,250,000 gals.; mains, 13 4-5 m., 4 to 18 in. d.a.; 100 hyd.; 44 v.; met., 29; pres., dom. 50 lbs., f. 100 lbs.; cost, \$200,000; cost mtce., \$5,000; wks. owned by Co.

UVALDE, p. 3,998; f. area, 400 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 c. eng., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$125; exp. dept., \$150; tot. mem., 45 vol.; undra. rating, second class.

Water Supply—Src., wells, 300 yds. bus. cent.; sys., pump to stdp.; stdp. cap., 85,000 gals., dim. 100 x 12; pump. eng., cap. day 1,152,000 gals.; mains, c. l., 8 m., 4 to 6 in. dia.; 23 hyd.; 500 serv.; pipe, iron; pres., dom. & f., 150 lbs.; cost, \$38,000; cost mtce., \$9,500; wks. owned by Co.

VALLEY MILLS, p. 708. No f. dept.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 12,000 gals.

VAN ALSTYNE, p. 1,441; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 1,250 ft.; rub., 1,250 ft.; f. al., bell & wh.; tot. mem., 10 vol.

Water Supply—Src., well, 2 blocks bus. cent.;

sys., pump to stdp., dim. 12 x 100, mat. stl.; 1 pump. eng., class dup., cap. day 100,000 gals.; mains, c. i., 2½ m., 4 to 6 in. dia.; 27 hyd.; 9 v.; met., 110; 4 serv.; pipe, galv. i.; pres., dom. 35 to 45 lbs.; f. 125 lbs.; cost, \$15,525; cost mtce., \$1,200; wks. owned by city.

VICTORIA, p. 3,673; f. area, 640 a.; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. c. & h. wag., 3 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 3,100 ft.; f. al., Gamewell, 8 bx.; val. equip., \$9,000; val. bldgs., \$1,000; exp. dept., \$5,000; tot. mem., 208, pd. full time 6, pd. part time 2, vol. 200; undra. rating, second class.

Water Supply—Src., 2 artesian wells; sys., pump to stdp. & dir.; stdp. cap., 150,000 gals., dim. 100 x 16; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 10½ m., 4 to 12 in. dia.; 187 hyd.; 22 v.; 420 serv.; p.p.e. galv. i.; pres., dom. 45 lbs.; f. 100 lbs.; cost, \$92,000; wks. owned by city.

WACO, p. 26,425; f. area, 42 blocks; merc. bldgs., bk., 2 to 22 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. pump. eng., 1 chief's auto., 7 str., 1 c. eng., 20 hand ex., 2 h. & l. trk., 1 chief's wag., 8 hose reels, 36 hrs.; hose, cot., rub. lined, gd., 14,000 ft.; f. al., Gamewell, 78 bx.; val. equip. & bldgs., \$108,000; exp. dept., \$52,000; tot. mem., 206, pd. full time 34, pd. part time 24, vol. 148. Insurance key rate, 19 cents.

Water Supply—Src., wells, riv. & res., 1 m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 600,000 gals.; dim., 60 x 22; mat., iron; res. cap., 4,000,000 gals.; 6 pump. eng., class horizontal comp. trip., cap. day, 25,000,000 gals.; mains, c. i., 85 m., 4 to 24 in. dia.; 700 hyd.; 1,200 v.; met., 2,000; 10,500 serv.; pipe, galv. i.; pres., dom. 75 lbs.; f. 90 to 100 lbs.; cons. day, 6,000,000 gals.; cost, \$646,479; cost mtce., \$4,764; wks. owned by city.

WALNUT SPRINGS, p. 1,340. F. dept.—1 hose cart, 300 ft. hose, 75-bbl. tk.

WAXAHACHIE, p. 6,205; f. area, 3,500 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd., 10 ft. high; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car., 8 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 300 ft.; tot. hose, 2,800 ft.; f. al., elec.; val. equip., \$9,000; val. bldgs., \$17,000; exp. dept., \$2,800; tot. mem., 50, pd. full time 3, pd. part time 3, 44 vol. Insurance key rate, 60 cents.

Water Supply—Src., well, 800 ft. bus. cent.; sys., pump to res. & stdp.; stdp. No. 1, cap. 138,000 gals., dim. 15 x 105, mat. iron; stdp. No. 2, cap. 220,260 gals., dim. 25 x 60, mat. iron; res. cap., 500,968 gals.; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; 83 hyd.; 82 v.; met., 1,050; 1,500 serv.; pipe, galv. i.; pres., dom. 50 lbs.; f. 60 lbs.; cons. day, 350,000 gals.; cost, \$86,003; cost mtce., \$13,395; wks. owned by city.

WEATHERFORD, p. 5,074; f. area, 900 a.; merc. bldgs., stn. & bk., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$2,000; exp. dept., \$365; tot. mem., 60, pd. full time 1, 59 vol.

Water Supply—Src., wells, 1,000 yds. bus. cent.; sys., pump to res.; res. cap., 1,833,000 gals.; 2 pump. eng., cap. day 1,275,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 84 hyd.; 15 v.; 395 met.; 523 serv.; pipe, galv. i.; pres., dom. 45 lbs.; f. 80 lbs.; cons. day, 100,000 gals.; cost, \$120,000; cost mtce., \$9,000; wks. owned by Co.

WEIMAR, p. 906; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 str., 1 h. eng., 1 c. eng., 1 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, rub., gd., 1,400 ft.; inf., 500 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$600; exp. dept., \$300; tot. mem., 45, pd. part time 1, 44 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals., dim. 100 x 18, mat. iron; 2 pump. eng., class dup., cap.

day 80,000 gals.; mains, c. i., 3 m., 4 to 10 in. dia.; 19 hyd.; 7 v.; pres., f. 40 lbs.; cost, \$10,000; cost mtce., \$500; wks. owned by city.

WEST, p. 1,645; f. area, 8 a.; merc. bldgs., bk., stn. & iron, 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 800 ft.; tot. hose, 1,800 ft.; f. al., bell; tot. mem., 20 vol.; undra. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., grav., pump to res. & stdp.; stdp. cap., 115,000 gals.; res. cap., 75,000 gals.; 1 pump. eng., cap. day, 600,000 gals.; mains, galv. i., 12 m., 2 to 6 in. dia.; 20 hyd.; 60 met.; 500 serv.; pipe, galv. i.; pres., f. 50 lbs.; cons. day, 100,000 gals.; cost, \$38,000; cost mtce., \$1,800; wks. owned by Co.

WHARTON, p. 1,505. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$2,000; tot. mem., 21 vol. Insurance key rate, 74 cents.

Water Supply—Src., deep well pump; sys., pump; to stdp., 1 elevated stl. tk., 125 ft. high, cap., 50,000 gals.; 2 pumps, pres., 32 lbs.; mains, 6,000 ft., 4 to 6 in. dia.; 23 hyd.

WHITESBORO, p. 1,219; f. area, 640 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$2,250; val. bldgs., \$100; exp. dept., \$25; tot. mem., 30 vol.

Water Supply—Src., well; sys., pump to stdp., res. cap., 100,000 gals.; 1 pump. eng., dup., cap. 500,000 gals.; 2½ m. mains, 4 to 8 in. dia.; 40 hyd.; pres., 40 to 60 lbs.

WHITEWRIGHT, p. 1,563; f. area, 30 a.; merc. bldgs., bk., 1 to 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; fwks. ord. F. dept.—1 hose wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; val. equip., \$2,050; val. bldgs., \$1,600; exp. dept., \$930; tot. mem., 11, pd. full time 1, vol. 10.

Water Supply—Src., wells, 200 yds. bus. cent.; sys., pump to stdp.; stdp. cap., 80,000 gals., dim. 12 x 80, mat. stl.; res. cap., 75,000 gals.; 2 pump. eng., cap. day 75,000 gals.; mains, c. i., 4 to 8 in. dia.; 30 hyd.; 2 v.; pres., dom. & f., 60 lbs.; cons. day, 60,000 gals.; cost, \$25,000; cost mtce., \$1,800; wks. owned by city. Insurance key rate, 68 cents.

WHITNEY, p. 766; f. area, 20 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. not perm.; no fwks. ord. F. dept.—1 c. eng., 7 c. ex., 1 h. & l. trk., 1 hose wag.; hose, 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,000; tot. mem., 20 vol.; undra. rating, third class.

Water Supply—Src., artesian wells, in bus. cent.; sys., grav.; stdp. cap., 40,000 gals.; res. cap., 40,000 gals.; pump. eng., cap. day, 7,200,000 gals.; 4 hyd.; 185 serv.; pipe, 4 m., 2 to 4 in. dia.; pres., f. 80 lbs.; cost, \$15,000; wks. owned by priv. Co.

WICHITA FALLS, p. 8,200; f. area, 16 blocks; merc. bldgs., bk. & stn., 1 to 6 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 2 c. hand ex., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.; val. equip., \$13,350; val. bldgs., \$8,000; exp. dept., \$2,110; tot. mem., 13, pd. full time 2, 11 vol.

Water Supply—Src., lake; sys., pump to water tower; tower cap., 106,000 gals.; res. cap., 50,000,000 gals.; 2 pump. eng., cap. day 4,000,000 gals.; mains, 6 m., 4 to 10 in. dia.; 50 hyd.; 600 met.; pres., dom. 45 to 50 lbs.; f. 150 lbs.; cons. day, 800,000 gals.; cost, \$55,000; cost mtce., \$2,250; wks. owned by Co.

WILLS POINT, p. 1,398; merc. bldgs., bk. F. dept.—1 gasoline eng., 1 c. eng., 1 hose car.; hose, 650 ft.; f. al., bell.

Water Supply—Src., wells & cisterns; sys., pump. WINTERS, p. 1,500; f. area, 400 a. F. dept.—2 hand hose carts, 1 c. eng., 1,000 ft. hose; 20 vol.; val. equip., \$1,500.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump; 1 pump eng., cap. day 504,000 gals.; mains, 6 in. dia.; 10 hyd.; pres., dom. 50 lbs., f. 100 lbs.;

cost, \$20,000; cost mtce., \$1,000; wks. owned by city.

WOLF CITY, p. 1,402; f. area, 30 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose

car.; hose, cot., rub. lined, gd., 1,150 ft.; f. al., elec.; tot. mem., 15 vol.

Water Supply—Src., surface tk., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals., dim. 15 x 28, mat. stl.; res. cap., 3,000,000 gals.; 1 gasoline pump. eng., cap. day 288,000 gals.; mains, c. i., 1 m., 4 to 6 in. dia.; 4 hyd.; owned by city; pipe, c. i.; pres., dom. 40 lbs., f. 80 lbs.; cost, \$10,000; cost mtce., \$200; wks. owned by city.

YOAKUM, p. 4,657; f. area, 800 a.; merc. bldgs., wd. & bk., 1, 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al. bell & telp.; val. equip., \$2,300; val. bldgs., \$8,500; exp. dept., \$800; tot. mem., 42, pd. men 2, 40 vol.; undrs. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys.,

pump to stdp. & dir.; stdp. cap., 100,000 gals.; res. cap., 75,000 gals.; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 79 hyd.; 16 v.; met., 300; 800 serv.; pres., dom. 30 lbs., f. 125 lbs.; cons. day, 500,000 gals.; cost, \$172,000; cost mtce., \$7,000; wks. owned by Y. P. L. & W. Co.

YORKTOWN, p. 1,180. F. dept.—1 hose cart, 2 c. eng.; hose, 1,000 ft.; tot. mem., 40 vol. Insurance key rate, 79 cents.

Water Supply—Src., 2 artesian wells; sys., pump to stdp. & dir.; stdp. cap., 54,000 gals.; 8 hyd.

Places with a population of 1,000 or more having no organized fire dept.—Alba, Albany, Alpine, Alvin, Alvord, Angleton, Atlanta, Beeville, Blooming Grove, Blossom, Bracketville, Burnet, Burton, Carthage, Celeste, Clarendon, Clifton, Conton, Cottulla, Cumby, Daingerfield, Detroit, Devine, Edna, El Campo, Estelline, Fort Davis, Franklin, Garland, Glenrose, Goldthwaite, Grand Prairie, Henderson, Higgins, Hughes Springs, Jackboro, Kennedy, Killen, Kirbyville, Laporte, Louisville, Livingston, Lone Oak, Malakoff, Malone, Marquez, Mesquite, Mount Vernon, Naples, Nocona, Oakwood, Palmer, Ranger, Rio Grande, Rosenberg, Runge, Rusk, San Diego, San Elizario, Sanger, Seymour, Timpson, Troup, Vernon, Waelder, Wallis, Ysleta.

UTAH

BEAVER, p. 2,500; f. area, 30 a. F. dept.—1 hose cart, 500 ft. hose; val. equip., \$700; vol.

Water Supply—Src., spr.; sys., grav.; pump. eng., cap. day 600,000 gals.; mains, 14 $\frac{1}{2}$ m.; pres., dom. 85 lbs., f. 104 lbs.; cost, \$40,000; cost mtce., \$1,000; wks. owned by city.

BINGHAM, p. 8,200. F. dept.—1 c. eng., 6 hose carts; f. al., bell; val. equip., \$7,000; val. bldgs., \$1,500; exp. dept., \$900; tot. mem., 80 vol.; undrs. rating, third class.

Water Supply—Src., res., 1 m. bus. cent.; sys., grav.; mains, 3 m.; 20 hyd.; 6 v.; pres., dom. 60 lbs., f. 90 lbs.; wks. owned by city.

BOUNTIFUL, p. 2,000; f. area, 160 a. F. dept.—1 hose cart with hose; f. al., bell; val. equip., \$2,000; val. bldgs., \$300; tot. mem., 31 vol.; undrs. rating, third class.

Water Supply—Src., mountain strm., 1 m. bus. cent.; sys., pump; 1 pump. eng., cap. day 2,000,000 gals.; mains, 6 to 12 in. dia.; 9 hyd.; 201 serv.; pres., dom. 90 lbs., f. 90 lbs.; cost, \$40,000; wks. owned by city.

BRINGHAM CITY, p. 3,685; f. area, 6 blocks; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. trk., 1 h. & 1 trk., 7 c. hand ex., 1 hose cart; hose, cot., rub. lined, gd., 1,100 ft.; inf., 150 ft.; tot. hose, 1,250 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$7,000; exp. dept., \$650; tot. mem., 20 vol.

Water Supply—Src., spr., 4 to 7 m. bus. cent.; sys., grav.; 2 res., combined cap. 410,666 gals.; mains, kalamein, 22 m., 3 to 12 in. dia.; 200 hyd.; 30 v.; 1 met.; 900 serv.; pipe, galv. i.; pres., dom. & f., 80 lbs.; cons. day, 200,000 gals.; cost, \$85,000; cost mtce., \$319; wks. owned by city.

CEDAR CITY, p. 1,705. No org. f. dept.

Water Supply—Sys., grav. & pump; res. cap., 300,000 gals.; mains, 8 to 8 in. dia.; 4 hyd.; pres., 80 lbs.; cost, \$22,000; cost mtce., \$900; wks. owned by city.

COALVILLE, p. 1,100. F. dept.—2 hose carts, 1,000 ft. hose; val. equip., \$1,350; val. bldgs., \$106; vol.

Water Supply—Src., spr., in bus. cent.; sys., pump dir.; pump cap. day, 460,800 gals.; 12 hyd.; 12 v.; mains, 3 m.; pres., dom. 85 lbs., f. 97 lbs.; cost, \$17,061; wks. owned by city.

EPHRAIM, p. 2,296. F. dept.—1 hand eng., 1 hose car.; hose, 750 ft.; f. al., bell; tot. mem., 12 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; stdp. cap., 75,000 gals.; res. cap., 250,000 gals.; mains, 14 m., 4 to 10 in. dia.; pres., dom. & f. 50 to 100 lbs.; cost, \$42,000; cost mtce., \$400; wks. owned by city.

EUREKA, p. 3,416; bldgs., bk., stn. & wd., 1

& 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 h. & 1 trk., 1 hose wag., 3 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 300 ft.; tot. hose, 1,700 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$500; exp. dept., \$300; tot. mem., 60 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, 3 $\frac{1}{4}$ m. bus. cent.; sys., pump to tk., tk. cap. 100,000 gals., dim. 16 x 24, loc. on side of mountain, mat. wd.; 1 pump. eng., cap. day 144,000 gals.; mains, 10 m., 2 to 5 in. dia.; 20 hyd.; 18 v.; met., 0; 250 serv.; pipe, spiral riveted; pres., f. 150 lbs.; cons. day, 120,000 gals.; cost, \$20,000; cost mtce., \$1,000; wks. owned by city.

GARLAND, p. 1,000; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hose cart, buckets, ladders, etc.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$200; exp. dept., \$50; tot. mem., 34 vol.; undrs. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; mains, 2 m.; 6 hyd.; 1 v.; wks. owned by Co.

LOGAN, p. 7,522; f. area, 60 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. trip. comb. hose, c. & pump. eng., 1 hand eng., 4 c. hand ex., 2 comb. c. & h. wag., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 3,700 ft.; f. al., bell & telp.; val. equip., \$13,775; exp. dept., \$765; tot. mem., 12, pd. full time 2, 10 vol.

Water Supply—Src., riv., 3 m. bus. cent.; sys., grav.; mains iron & wd., 23 m., 2 to 18 in. dia.; 116 hyd.; 20 met.; 1,190 serv.; pipe, iron & lead; pres., dom. 50 lbs., f. 120 lbs.; cost, \$152,720; cost mtce., \$2,000; wks. owned by city.

MANTI, p. 2,423; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. No org. f. dept.—1 h. & 1 trk.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 316,800 gals.; mains, stl. & iron, 14 m., 1 to 3 in. dia.; 160 hyd.; 54 met.; 427 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 126,720 gals.; cost, \$53,400; cost mtce., \$500; wks. owned by city.

MERCUR, p. 1,047; f. area, 7 a.; merc. bldgs., stn., 1 story; priv., wd., 1 story; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose reel; hose, cot., rub. lined, gd., 600 ft.; inf., 300 ft.; tot. hose, 900 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 28 vol.

Water Supply—Src., Ophir Creek, 7 m. bus.

cent.; sys., tk.; stdp. cap., 200,000 gals., mat. wd.; 3 pump. eng., cap. day, 619,200 gals.; mains, stl., 25 m.; 8 hyd.; 50 v.; 2 met.; pipe, galv. l.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$115,000; cost mtce., \$2,000; wks. owned by priv. Co.

MIDVALE, p. 1,760. F. dept.—1 hose cart, 500 ft. hose; bell al.; 28 vol.

Water Supply—Src., mountain str., 8 m. bus. cent.; sys., dir. pres.; mains, 10 m., 2 to 6 in. dia.; 10 met.; pipe, wd. & iron; pres., dom. & f. 80 lbs.; cost, \$25,000; cost mtce., \$1,500; wks. owned by priv. Co.

MILFORD, p. 1,014. F. dept.—1 hose cart, 1 comb. h. & l. trk., 800 ft. hose; bell al.; 18 vol.

Water Supply—Src., 2 wells, in bus. cent.; sys., pump to res.; res. cap., 150,000 gals.; 2 pump. eng., cap. day, 216,000 gals.; mains, stl. & wd., 2 m., 6 to 10 in. dia.; 25 hyd.; pres., dom. 45 to 50 lbs., f. 90 lbs.; wks. owned by city.

MURRAY, p. 4,057; f. area, 900 a.; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 12 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 1 gasoline eng.; hose, cot., rub. lined, gd., 1,300 ft.; inf., 300 ft.; tot. hose, 1,600 ft.; f. al., telp. & bell, 2 bx.; val. equip., \$5,000; val. bldgs., \$1,200; exp. dept., \$420; tot. mem., 31, pd. part time 2, vol. 31; undrs. rating, first class.

Water Supply—Src., artesian well, 3½ m. bus. cent.; sys., grav.; res. cap., 40,000 gals.; mains, 2½ m., 6 to 12 in. dia.; 36 hyd.; 12 v.; 150 serv.; pipe, galv. l.; pres., dom. 80 lbs., f. 100 lbs.; cons. day, 400,000 gals.; cost, \$60,000; cost mtce., \$250; wks. owned by city.

MT. PLEASANT, p. 2,280; f. area, 200 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$3,000; exp. dept., \$200; tot. mem., 11, pd. part time; undrs. rating, fourth class.

Water Supply—Src., mountain str., 4 m. bus. cent.; sys., grav.; res. cap., 250,000 gals., loc. ¼ m. east town; 38 hyd.; pres., 95 lbs.; cost, \$50,000; cost mtce., \$700; wks. owned by city.

OGDEN CITY, p. 25,580; f. area, 11,280 a.; merc. bldgs., bk. & stn., 1 to 5 stor.; priv., bk., 1½ to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 chief's auto., 1 str., 1 hand eng., 1 c. eng., 8 c. hand ex., 1 comb. c. & h. wag., 1 h. & l. trk., 1 aer. trk., 2 hose wag., 1 hose reel, 7 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; f. al., Gamewell, 25 bx.; val. equip., \$35,000; val. bldgs., \$20,000; exp. dept., \$28,500; tot. mem., 42, pd. full time 19, pd. part time 23; undrs. rating, third class.

Water Supply—Src., riv., 8 m. bus. cent.; sys., grav.; res. cap., 20,000,000 gals.; mains, kala-mein, 51 m., 2 to 30 in. dia.; 144 hyd.; 170 v.; 290 met.; 5,600 serv.; pipe, galv. l.; pres., dom. 85 lbs., f. 120 lbs.; wks. owned by city.

PARK CITY, p. 3,439; f. area, 350 a.; merc. bldgs., bk. & stn., 1 to 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. c. & h. wag., 1 c. eng., 6 hose carts, 7 hose reels, 1 c. hand ex.; hose, cot., rub. lined, gd., 5,350 ft.; inf., 500 ft.; tot. hose, 5,850 ft.; f. al., telp. & elec. wh.; val. equip., \$9,000; val. bldgs., \$7,500; exp. dept., \$1,600; tot. mem., 80 vol.

Water Supply—Src., mountain str., 1½ m. bus. cent.; sys., grav.; res. cap., 5,000,000 gals.; mains, iron, 6 m., 4 to 12 in. dia.; 85 hyd.; pipe, iron; pres., dom. 110 lbs., f. 150 lbs.; cost, \$75,000; cost mtce., \$5,000; wks. owned by city.

PAYSON, p. 3,000; f. area, 30 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 30 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., dir. pres.; stdp. cap., 300,000 gals.; mains, 13½

m.; 15 hyd.; 108 serv.; pres., dom. & f. 110 lbs.; cost, \$52,000; wks. owned by city.

PROVO CITY, p. 8,925; f. area, 320 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk., 1½ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$3,000; exp. dept., \$1,000; tot. mem., 24, pd. full time 2, 22 vol.

Water Supply—Src., riv., 8 m. bus. cent.; sys., grav.; res. cap., 271,125 gals.; mains, c. l. & wd., 28 m., 4 to 21 in. dia.; 90 hyd.; 85 v.; 1,800 serv.; pipe, galv. l.; pres., dom. 75 lbs., f. 110 lbs.; cost, \$200,000; cost mtce., \$2,000; wks. owned by city.

RICHFIELD, p. 2,559; f. area, 600 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk., 1½ & 2 stor.; no wd. rfs. perm. in f. limits; combt. ord. F. dept.—1 c. eng., 2 hose carts; hose, cot., rub. lined, 1,000 ft.; rub., gd., 400 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$200; tot. mem., 6 vol.

Water Supply—Src., spr., sys., grav.; mains, 8 in. dia.; 7 hyd.

SALINA, p. 1,100; f. area, 240 a. F. dept.—1 hose cart, ladders; f. al., bell; val. equip., \$1,000; val. bldgs., \$250; vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump; pump. eng., cap. day 85,000 gals.; 10 hyd.; 200 serv.; pres., dom. 70 lbs.; cost, \$21,000; cost mtce., \$300; wks. owned by city.

SALT LAKE CITY, p. 92,777; f. area, 32,000 a.; merc. bldgs., bk., stn. & conc., 1 to 16 stor.; priv., bk., stn. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. trip. comb. pump, c. & h. wag., 1 auto. comb. c. & h. wag., 1 chief's auto., 8 h. & l. trk., 3 str., 1 c. eng., 14 c. hand ex., 1 aer. trk., 5 comb. c. & h. wag., 1 supply wag., 1 line wag., 1 reel, 26 hrs.; hose, cot., rub. lined, gd., 10,000 ft.; f. al., elec., 79 bx.; val. equip. & bldgs., \$164,444; exp. dept., \$93,853; tot. mem., 74, pd. full time.

Water Supply—Src., str., & spr., 3 to 10 m. bus. cent.; sys., grav.; res. cap., 9,000,000 gals., loc. 8 m. bus. cent.; mains, c. l., 220 m., 3 to 36 in. dia.; 1,788 hyd.; 3,840 v.; 733 met.; pipe, lead; pres., dom. 125 lbs., f. 300 lbs.; cons. day, 22,000,000 gals.; cost, \$6,000,000; cost mtce., \$102,000; wks. owned by city.

SMITHFIELD, p. 2,000. F. dept.—1 hose cart; vol.

Water Supply—Src., spr., 1 m., bus. cent.; sys., pump; 8 hyd.; cost, \$25,000; cost mtce., \$200; wks. owned by city.

SANDY CITY, p. 1,037. F. dept.—Not reported. Water Supply—Src., spr.; sys., grav.; mains, iron, 2 m., 2 to 6 in. dia.; 50 serv.; pres., f. 50 lbs.; cost, \$5,000; wks. owned by city.

SPRINGVILLE, p. 1,000. F. dept.—2 hose carts, 1,000 ft. hose; val. equip., \$5,000; exp. dept., \$60; tot. mem., 23 vol.

Water Supply—Src., wells.

TOOLE, p. 2,753; merc. bldgs., bk., stn. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 300 ft.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 80,000 gals.; mains, wd., 5 m., 2½ to 4 in. dia.; 125 hyd.; 5 v.; 125 serv.; pipe, galv. l.; pres., dom. 80 lbs., f. 80 lbs.; cost, \$20,000; cost mtce., \$400; wks. owned by Co.

VERNAL, p. 836. F. dept.—Not reported.

Water Supply—Src., canal, 3½ m. bus. cent.; sys., grav.; mains, 7½ m., 4 to 10 in. dia.; 50 hyd.; 22 v.; pipe, wd.; pres., dom., 52 to 72 lbs.; f. 52 to 72 lbs.; cost, \$35,000; wks. owned by city.

Places with a population of 1,000 or more having no organized fire dept.—American Fork, Escalante, Fairview, Fillmore, Gratsville, Heber, Huntsville, Huntington, Hyrum, Kamas, Kayserville, Lehi City, Manti, Mill Creek, Monroe, Moroni, Nephi, Pangwitch, Parowan, Pleasant Grove, Richmond, St. George, Spanish Fork.

Places with a population of 1,000 or more not reported—Castle Dale, Farmington, Gunnison, Mercur, Morgan, Price, Spring City, Sugar, Tremonton, Wellsville.

VERMONT

ARLINGTON, p. 1,193; f. area, 250 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 250 ft.; linen, gd., 200 ft.; inf., 250 ft.; tot. hose, 700 ft.; f. al., bell; val. equip., \$275; val. bldgs., \$200; exp. dept., \$100; tot. mem., 50 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys. grav.; res. cap., 1,000 gals.; mains, wrt. l., 8 m., 1 to 5 in. dia.; pres., dom. 70 lbs., f. 70 lbs.; cost, \$6,000; wks. owned by priv. Co.

BARNET, p. 1,763; f. area, 400 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 1 hose wag., 1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 150 ft.; tot. hose, 950 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$700; exp. dept., \$50; tot. mem., 30 vol.

Water Supply—Src., spr., sys. grav.; res. cap., \$35,000; mains, galv. l., 2 m., 8 in. dia.; 1 hyd.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 5,280 gals.; cost, \$5,000; cost mtce., \$100; wks. owned by Co.

BARRE, p. 10,734; f. area, 2,476 a.; merc. bldgs., stn., bk. & wd., 2 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hand eng., 4 c. hand ex., 1 comb. c. & h. wag., 4 hose carts; hose, cot., rub. lined, gd., 3,000 ft.; inf., 1,500 ft.; tot. hose, 4,500 ft.; f. al., bell & wh., 17 bx.; val. equip., \$9,000; val. bldgs., \$30,000; exp. dept., \$6,500; tot. mem., 85, pd. full time 5, 80 vol.

Water Supply—Src., reservoirs, 3 to 6 m. bus. cent.; sys. grav.; res. cap., 65,000,000 gals.; 1 pump. eng., cap. day, 720,000 gals.; mains, c. l., 23 m., 1½ to 24 in. dia.; 121 hyd.; 1,630 serv.; pres., dom. 120 lbs., f. 130 lbs.; cons. day, 1,500,000 gals.; cost, \$324,197; cost mtce., \$13,088; wks. owned by city.

BARTON, p. 3,346; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—10 c. hand ex., 1 h. & l. trk., 1 supply wag., 4 hose car.; hose, cot., rub. lined, gd., 2,450 ft.; f. al., bell & wh.; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$600; tot. mem., 55 vol.; undrs. rating, third class.

Water Supply—Src., brook & pond, 1½ m. bus. cent.; sys. grav.; res. cap., 1,500,000 gals.; mains, c. l., 5½ m., 4 to 12 in. dia.; 34 hyd.; 12 v.; 2,770 serv.; pipe, galv. i.; pres., dom. 125 to 150 lbs., f. 125 to 150 lbs.; cost, \$20,000; cost mtce., \$300; wks. owned by village.

BELLOWS FALLS, p. 4,883; f. area, 1,500 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. c. & h. wag., 1 str., 15 c. hand ex., 5 hose carts, 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 5,250 ft.; f. al., wh., striker & gong, 18 bx.; val. equip., \$18,000; val. bldgs., \$40,000; exp. dept., \$4,000; tot. mem., 38, pd. part time.

Water Supply—Src., ponds, 1½ m. bus. cent.; sys. grav.; res. cap., 200,000 gals.; mains, 15 m., 4 to 20 in. dia.; 79 hyd.; 155 met.; 784 serv.; pipe, iron & lead; pres., 100 to 160 lbs.; cost, \$50,000; wks. owned by city.

BENNINGTON, p. 3,898; f. area, 1,200 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 4,150 ft.; f. al., Gamewell, 21 bx.; val. equip., \$14,000; val. bldgs., \$14,500; exp. dept., \$3,962; tot. mem., 133, pd. full time 2, pd. part time 6, 125 vol.

Water Supply—Src., spr. & lake; sys. grav.; res. cap., 1,000,000 gals.; mains, 21 m., 4 to 12 in. dia.; 52 hyd.; met., 18; pres., dom. 125 lbs., f. 125 lbs.; cost, \$200,000; wks. owned by village.

BETHEL, p. 1,611; f. area, 100 a.; bldgs., stn., bk. & wd., 1½ & 2 stor.; wd. rfs. perm. F. dept.—2 c. hand ex., 8 hose car.; hose, gd., 1,000 ft.; inf., 250 ft.; tot. hose, 1,250 ft.; f. al., wh.; val. equip., \$2,500; tot. mem., 12 vol.

Water Supply—Src., r.v.; sys., pump; cap. day, 1,080,000 gals.; mains, ½ m., 8 to 8 in. dia.; 10 hyd.; cost, \$4,000; wks. owned by city.

BRADFORD, p. 614; f. area, 300 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm. F. dept.—1 hand eng., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$1,350; val. bldgs., \$800; exp. dept., \$1,000; tot. mem., 20 vol.; undrs. rating, third class.

Water Supply—Src., spr. & brooks; sys. grav.; res. cap., 1,400,000 gals.; mains, 7 m., 4 to 10 in. d.a.; 33 hyd.; 178 serv.; pres., dom. 115 lbs., f. 115 lbs.; cost, \$50,000; cost mtce., \$150; wks. owned by town.

BRANDON, p. 2,712; f. area, 1½ m.; merc. bldgs., bk., 2, 3 & 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 c. eng., 8 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., elec., 100 bx.; val. equip., \$3,800; val. bldgs., \$2,500; tot. mem., 35 vol.

Water Supply—Src., lake; sys. grav.; mains, 8 m., 4 to 16 in. dia.; 42 hyd.; 2 v.; 350 serv.; pipe, galv. iron; pres., dom. 40 lbs., f. 50 to 65 lbs.; cost, \$50,000; cost mtce., \$1,000; wks. owned by fire district.

BRATTLEBORO, p. 7,541; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; priv., wd., 2½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 str., 2 c. eng., 12 c. hand ex., 1 h. & l. trk., 5 hose car., 2 hrs.; hose, cot., rub. lined, gd., 5,400 ft.; inf., 1,250 ft.; tot. hose, 6,650 ft.; f. al., Gamewell; bx., 23; val. equip., \$18,000; val. bldgs., \$20,000; exp. dept., \$7,000; tot. mem., 103, pd. part time 1, vol. 102; undrs. rating, second class.

Water Supply—Src., spr., 5.7 m. bus. cent.; sys. grav. & pump to res. as a reserve; low pres. res. cap., 6,000,000 gals.; high pres. res. cap., 100,000,000 gals.; pump. eng.; cap. day, 500,000 gals.; mains, iron, 25 m., 4 to 16 in. dia.; 100 hyd.; met., 50; 800 serv.; pipe, lead & galv. i.; pres., dom. 50 to 100 lbs., f. 75 to 150 lbs.; cost, \$400,000; wks. owned by Co.

BRIGHTON, p. 2,000; f. area, 600 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 h. & l. trk., 3 hose car., c. hand wag.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; val. equip., \$2,500; exp. dept., \$300; tot. mem., 45 vol.

Water Supply—Src., mountain strm., 3 m. bus. cent.; sys. grav.; res. cap., 500,000 gals.; mains, c. l., 10 m., 3 to 10 in. dia.; 54 hyd.; 48 v.; 3 met.; 385 serv.; pipe, galv. i.; pres., dom. & f., 55 to 100 lbs.; cost, \$50,000; cost mtce., \$350; wks. owned by town.

BRISTOL, p. 2,061; f. area, 480 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 c. eng., 16 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; exp. dept., \$200; tot. mem., 45 vol.; undrs. rating, third class.

Water Supply—Src., spr., 7 m. bus. cent.; sys. grav. dir.; res. cap., 700,000 gals.; mains, galv. & wrt. i., 11 m., 4 to 10 in. dia.; 54 hyd.; 300 serv.; pipe, wrt. i.; pres., dom. 110 to 150 lbs.; cost, \$61,000; cost mtce., \$800; wks. owned by town.

BURLINGTON, p. 20,463; f. area, 6,400 a.; merc. bldgs., wd., bk. & stn., 2 to 7 stor.; priv., bk. & wd., 2 to 4 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 auto. comb. trk., 1 comb. wag., 1 h. & l. trk., 3 hose wag., 8 hose sleighs, 1 chief's wag. & sleigh, 1 exercise wag., 1 str., 12 hrs.; 9,000 ft. cot., rub. lined, hose, gd., 300 ft. poor hose; tot. hose, 9,300 ft.; 1 turret pipe,

1 life net, 12 hand ex., 61 f. al. bx.; val. equip., \$24,450; val. bldgs., \$30,000; exp. dept., \$25,000; tot. mem., 41, pd. full time 25, 16 vol.; undrs. rating, first class.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to res.; res. cap., 7,000,000 gals.; 3 pump. eng., cap. day, 4,000,000 gals.; mains, c. l., wrt. i. & cem., 42.29 m., 4 to 30 in. dia.; 253 hyd.; 714 v.; met., 8,660; 4,117 serv.; pipe, galv., c. i. & lead; pres., dom. 20 to 120 lbs., f. 20 to 128 lbs.; cons. day, 1,091,648 gals.; cost, \$401,190; cost mtce., \$56,577; wks. owned by city.

CABOT, p. 1,126; bldgs., frame, 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose car.; f. al., bell; val. equip., \$1,500; tot. mem., 30 vol.

Water Supply—Src., spr. & wells; new water sys. installed.

CAMBRIDGE, p. 350. F. dept.—2 hose carts, 1,200 ft. hose; val. equip., \$1,000; vol.

Water Supply—Src., spr., 5 m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 18 hyd.; 7 v.; 80 serv.; pres., dom. 90 lbs., f. 90 to 95 lbs.; cost, \$25,000; wks. owned by city.

CASTLETON, p. 2,089; f. area, 10 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—2 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 300 ft.; inf., 150 ft.; tot. hose, 450 ft.; val. equip., \$2,500; exp. dept., \$127; tot. mem., 75 vol.

No waterwks.

CAVENDISH, p. 1,352. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose cart; f. al., bell; vol.

Water Supply—Not reported.

CHELSEA, p. 1,278; f. area, 2 m.; merc. bldgs., bk. & wd., 2½ stor.; priv., bk. & wd., 1½ to 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 15 c. hand ex., 1 h. & l. trk., 1 hose car., 1 hose wag.; hose, cot. lined, 500 ft.; rub. lined, 2,000 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$650; tot. mem., 24 vol.; undrs. rating, third class.

Water Supply—Wells & strms.

CHESTER, p. 1,750; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 hand eng., 20 c. hand ex., 1 h. & l. trk., 6 hose carts; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$2,500; exp. dept., \$600; tot. mem., 22, pd. part time.

Water Supply—Src., spr. & brook, 2 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 28 hyd.; 225 serv.; pipe, iron; pres., dom. 130 lbs., f. 130 lbs.; cost, \$30,000; cost mtce., \$250; wks. owned by village.

COLCHESTER, p. 6,450. F. dept.—1 str., 5 c. hand ex., 1 h. & l. trk., 4 hose carts; f. al., bell; tot. mem., 45 vol.

Water Supply—Src., spr., ¾ m. bus. cent.; sys., grav.; res. cap., 12,245,000 gals.; mains, c. i., 10 m., 4 to 10 in. dia.; 35 hyd.; met., 202; 255 serv.; pres., f. 63 lbs.; cost, \$60,000; wks. owned by Co.

CONCORD, p. 600; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. wag., ladders, pails, etc.; f. al., bell; vol.

No waterwks.

DANBY, p. 964; bldgs., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—Not reported.

Water Supply—Src., spr.; sys., grav.; res. cap., 5,000 bbls.; pres., dom. 120 lbs., f. 120 lbs.; cost, \$6,500; cost mtce., \$300; wks. owned by Co.

DANVILLE, p. 1,628; f. area, 100 a.; merc. bldgs., wd.; wd. rfs. perm. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 700 ft.; tot. mem., 20 vol.

Water Supply—Src., spr., 1¼ m. bus. cent.; sys., grav.; res. cap., 100,000 gals.; mains, 3½ m., 8 to 10 in. dia.; 20 hyd.; 100 serv.; pres., dom. 90 lbs., f. 90 lbs.; cost, \$10,000; cost mtce., \$100; wks. owned by village.

DERBY, p. 3,639; merc. bldgs., bk. & wd., 2 & 2½ stor.; priv., wd., 2 & 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—17 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 1,425 ft.; leather, gd., 100 ft.; tot. hose, 1,525 ft.; f. al., bell; tot. mem., 50 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 1,000,000 gals.; mains, 6½ m., 4 to 10 in. dia.; 57 hyd.; 15 v.; 300 serv.; pres., dom. 90 lbs., f. 200 lbs.; cost, \$45,000; wks. owned by International Water Co.

DORSET, p. 1,000; f. area, 100 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1,000 ft. cot., rub. lined hose; f. al., bell; vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; res. cap., 100,000 gals.; mains, 2½ m., 4 to 8 in. dia.; 14 hyd.; pres., dom. 4 f., 115 lbs.; cost, \$12,000; cost mtce., \$75; wks. owned by city.

ENOSBURG, p. 2,060; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—22 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell & wh.; val. equip., \$1,200; tot. mem., 50 vol.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump dir.; pump. eng., cap. day, 1,738,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 30 hyd.; 25 v.; 150 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 120 to 140 lbs.; cost, \$18,000; cost mtce., \$300; wks. owned by village.

ESSEX, p. 2,714; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 1½ to 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, rub. gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$2,000; tot. mem., 23 vol.

Water Supply—Src., spr. & 2 artesian wells, 5 m. bus. cent.; sys., grav.; res. cap., 1,500,000 gals.; mains, c. i., 5½ m.; 30 hyd.; met., 30; 220 serv.; pres., dom. 57 to 75 lbs., f. 57 to 75 lbs.; cons. day, 100,000 gals.; cost, \$46,000; cost mtce., \$200; wks. owned by city.

FAIR HAVEN, p. 3,095; merc. bldgs., bk., 3 & 4 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., Gamewell, 3 bx.; val. equip., \$2,500; val. bldgs., \$4,000; tot. mem., 60 vol.

Water Supply—Src., pond, 3¼ m. bus. cent.; sys., grav.; res. cap., 80 a.; mains, c. i., 15 m., 2 to 10 in. dia.; 35 hyd.; 23 v.; 500 serv.; pipe, wrt. i.; pres., f. 90 lbs.; cost, \$35,000; cost mtce., \$400; wks. owned by village.

FRANKLIN, p. 1,145. F. dept. not org.

Water Supply—Src., spr., 1 m. bus. cent.; mains, wd., 1 m., 1½ to 3 in. dia.; pres., dom., 150 lbs.; cost mtce., \$50; wks. owned by priv. Co.

HARDWICK, p. 3,201; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm. F. dept.—50 c. hand ex.; 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$3,000; exp. dept., \$400; tot. mem., 20 vol.; undrs. rating, third class.

Water Supply—Src., brook, ¾ m. bus. cent.; sys., grav.; mains, iron, 19 m., 4 to 10 in. dia.; 26 hyd.; 21 v.; 600 serv.; pres., dom. 125 lbs., f. 125 lbs.; wks. owned by town.

HARTFORD, p. 4,179. F. dept.—1 str., 1 h. & l. trk., 6 hose reels, 3 c. ex.; tot. mem., 30 vol. Water Supply—Src. & sys., not reported; pres., 120 lbs.; 20 hyd.

HUNTINGTON, p. 900. F. dept.—1 eng., 20 c. hand ex., 1 hose cart; tot. mem., 30 vol.

Water Supply—Src., spr., ½ m. bus. cent.; sys., dir. pres.; mains, 1 m., 2 in. dia.; pres., dom., 100 lbs.; wks. owned by priv. Co.

HYDE PARK, p. 500; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 800 ft. hose; val. equip., \$1,500; exp. dept., \$300; tot. mem., 25 vol.; undrs. rating, third class.

Water Supply—Src., spr.; sys., grav. & pits res.; res. cap., 37,000 gals.; cap. day, 70,000 gals.; mains, 8 m., 2½ & 3 in. dia.; 16 hyd.; pres., f. 85 lbs.; cost, \$25,000; cost mtce., \$300; w. owned by village.

ISLAND POND, p. 2,200. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose car., 2 c. hand ex.; hose, 2,800 ft.; tot. mem., 45 vol.

Water Supply—Src., 8 brooks, 2 m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, c. i., 7 m., 4 to 10 in. dia.; 54 hyd.; 75 v.; 2 met.; 410 serv.; pres., dom. & f. 80 to 100 lbs.; cons. day, 400,000 gals.; cost, \$45,000; wks. owned by town.

JAMAICA, p. 800; f. area, 1 m. sq.; merc. bldgs., wd., 2 stor.; priv., wd., 3 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 hand eng., 1 hose car.; hose, rub., gd., 300 ft.; leather, gd., 450 ft.; tot. hose, 750 ft.; vol.; al., bell.

Water Supply—Src., wells, cisterns & 2 res.

JOHNSON, p. 1,500; f. area, 240 a.; merc. bldgs., wd., 1½ to 3 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & 1 trk., 1 hose wag.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$800; exp. dept., \$50; tot. mem., 30 vol.

Water Supply—Src., brook, 3 m. bus. cent.; sys., grav.; res. cap., 150,000 gals.; mains, c. i., 5½ m., 3 to 10 in. dia.; 22 hyd.; 21 v.; 100 serv.; pres., dom. 75 lbs.; cost, \$12,000; wks. owned by village.

LONDONDERRY, p. 961. F. dept.—2 hand eng., 3 hose carts, 10 c. hand ex.; tot. mem., 100 vol.; f. al., bell.

Water Supply—Not reported.

LOWELL, p. 1,100; f. area, 25 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—hose reels; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; val. equip., \$325; vol.

Water Supply—Src., res., 1 m. bus. cent.; sys., dir. pres.; 2 hyd.; 3 v.; pres., f. 160 lbs.; wks. owned by priv. Co.

LUDLOW, p. 3,000; f. area, 7.75 a.; merc. bldgs., wd., 1 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 c. hand ex., 2 hose wag., 3 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; inf., 100 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$4,000; exp. dept., \$1,000; tot. mem., 27 vol.

Water Supply—Src., mountain spr., 2¼ m. bus. cent.; sys., grav.; res. cap., 900,000 gals.; mains, c. i., 8 m., 4 to 12 in. dia.; 34 hyd.; met., 2; 214 serv.; pipe, galv. l.; pres., f. 120 lbs.; cost, \$30,432; wks. owned by city.

LYNDONVILLE, p. 3,204; f. area, 200 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—25 c. hand ex., 1 h. & 1 trk., 1 aer. trk., 4 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 600 ft.; inf., 500 ft.; tot. hose, 3,100 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$192.56; tot. mem., 82 vol.

Water Supply—Src., brook, 4 m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; mains, iron, 8 3-5 m., 6 to 10 in. dia.; 57 hyd.; 269 serv.; pres., dom. 145 lbs., f. 145 lbs.; cons. day, 200,000 gals.; cost, \$40,000; cost mtce., \$800; wks. owned by village.

MANCHESTER, p. 2,000; f. area, 1,280 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 1 h. & 1 trk., 4 hose car.; hose, cot., rub. lined, gd., 800 ft.; inf., 1,200 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals.; mains, c. i., 14 m., 4 to 10 in. dia.; 47 hyd.; 37 v.; met., 165; 410 serv.; pipe, galv. l.; pres., dom. 90 to 120 lbs. f. 90 to 126 lbs.; wks. owned by Co.

MARSHFIELD, p. 1,032. F. dept.—20 c. hand ex., 1 hose wag., 1 hand eng.; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$150; vol.

Water Supply—Src., spr., 1 m. distant; sys., grav.; mains, stl., 1½ m., 1½ in. dia.; pres., 140 lbs.; cost, \$2,200.

MILTON, p. 1,804. No org. f. dept.; pails used.

Water Supply—Src., riv., 20 rods bus. cent.; sys., pump to res.; res. cap., 25,000 gals.; mains,

iron, 1½ m., ½ to 3 in. dia.; 8 hyd.; pipe, iron; pres., f. 140 lbs.; cost mtce., \$100; wks. owned by Co.

MONTPELIER, p. 7,856; f. area, 3,000 a.; merc. bldgs., bk., 3 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept. 25 c. hand ex., 1 hand eng., 2 h. & 1 trk., 3 hose wag., 2 hose car., 3 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 500 ft.; tot. hose, 4,000 ft.; f. al., Gamewell, 51 bx.; val. equip., \$17,600; exp. dept., \$9,000; tot. mem., 30, pd. full time 5, pd. part time 25.

Water Supply—Src., pond, 4 m. bus. cent.; sys., grav.; res. cap., 4,000,000 gals.; mains, c. i., 26.9 m., 2 to 20 in. dia.; 116 hyd.; 249 v.; 1,315 serv.; pres., dom. 150 lbs., f. 150 lbs.; cons. day, 1,000,000 gals.; cost, \$75,000; cost mtce., \$8,500; wks. owned by city.

MORRISTOWN, p. 2,652. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose carts; tot. mem., 24 vol.; f. al., bell & wh.

Water Supply—Src., not reported; pres., 120 lbs.; 30 hyd.

NEWPORT, p. 3,684; f. area, 150 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 2 h. & 1 trk., 4 hose car., 3 hrs.; hose, cot., rub. lined, gd., 2,800 ft.; inf., 500 ft.; tot. hose, 3,300 ft.; f. al., Gamewell, 11 bx.; val. equip., \$3,800; val. bldgs., \$600; exp. dept., \$150 to \$225; tot. mem., 42 vol.

Water Supply—Src., pond, 5½ m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, c. i., 15 m., 4 to 16 in. dia.; 61 hyd.; 2 pump. eng. for emergency; 500 serv.; pipe, galv. l.; pres., dom. 100 lbs., f. 120 lbs.; cost, \$55,000; cost mtce., \$1,000; wks. owned by city.

NORTHFIELD, p. 3,226; f. area, 1,000 a.; merc. bldgs., wd., 4 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; leather, gd., 350 ft.; tot. hose, 2,450 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,500; exp. dept., \$500; tot. mem., 80 vol.

Water Supply—Src., creek & cisterns & spr.; sys., grav., pump to res., to stdp., or dir.; 75 hyd.

NORTH TROY, p. 562; f. area, 460 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$1,800; tot. mem., 40 vol.; undra. rating, third class.

Water Supply—Src., brook, 3 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, c. i., 5½ m., 3 to 10 in. dia.; 23 hyd.; 30 v.; 175 serv.; pres., dom. 90 lbs., f. 90 lbs.; cost, \$20,000; cost mtce., \$350; wks. owned by city.

NORWICH, p. 1,803; f. area, 1,000 a.; bldgs., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. No f. dept.; priv. parties are supplied with hose.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., grav.; res. cap., 28,000 gals.; mains, iron, 1 m., 3 in. dia.; 6 hyd.; 25 serv.; pipe, iron; pres., dom. 75 lbs., f. 150 lbs.; cost, \$5,000; cost mtce., \$50; wks. owned by Co.

ORLEANS, p. 677; f. area, 100 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell, automatic wh. & telp.; val. equip., \$1,200; val. bldgs., \$300; exp. dept., \$400; tot. mem., 52 vol.

Water Supply—Src., riv., 5½ m. bus. cent.; sys., grav.; res. cap., 900,000 gals., loc. on hill 1-3 m. above village; mains, c. i., 5 1-12 m., 4 to 10 in. dia.; 40 hyd.; 34 v.; met., 6; 400 serv.; pres., dom. & f., 85 lbs., cost, \$40,000; cost mtce., \$300; wks. owned by city.

PITTSFORD, p. 2,000 f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 hose wag.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,000; vol.

Water Supply—Src., spr., 6 m. bus. cent.; sys., grav.; res. cap., 175,000 gals., loc. on hill; mains, iron, 6 m., 6 in. dia.; 23 hyd.; 250 serv.; 216 met.; pipe, galv. l.; pres., dom. & f. 85 lbs.; cons.

day, 15,000 gals.; cost, \$27,000; cost mtce., \$250; wks. owned by corporation.

POULTNEY, p. 3,644; f. area, 170 a.; merc. bldgs., bk. & wd., 2 & 8 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 1 hose cart; hose, cot., rub. lined, gd., 1,500 ft.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$1,000; exp. dept., \$140; tot. mem., 20 vol.

Water Supply—Src., lake, 8 m. bus. cent.; sys., grav.; res. cap., 70,000,000 gals.; mains, iron, 6 m., 4 to 10 in. dia.; 46 hyd.; 20 v.; 200 serv.; pipe, galv. i.; pres., dom. 120 lbs.; f. 120 lbs.; cost, \$30,000; cost mtce., \$500; wks. owned by village.

POWNALE, p. 1,990. F. dept.—1 hose cart; 20 vol.

Water Supply—Src., brook, $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, 2 m., 2 to 5 in. dia.; 7 hyd.; 5 v.; 40 serv.; pipe, wrt. i.; pres., f. 80 lbs.; cost, \$5,000; cost mtce., \$100; wks. owned by priv. Co.

PROCTOR, p. 2,871; f. area, 200 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—4 c. hand ex., 2 hose cart; hose, cot., rub. lined, gd., 3,100 ft.; f. al., Gamewell; tot. mem., 25 vol.

Water Supply—Src., spr. & brook, 8 m. bus. cent.; sys., grav. & pump to stdp. & dir.; stdp. cap., 850,000 gals., dim. 35 x 40, loc. cent. of village, mat. stil.; res. cap., 15,000,000 gals., loc. $\frac{1}{4}$ m. town; pump, eng., cap. day 300,000 gals.; mains, c. i., 22 $\frac{1}{2}$ m., 4 to 10 in. dia.; 64 hyd.; 425 serv.; pipe, galv. i.; pres., dom. 50 to 125 lbs.; f. 125 to 150 lbs.; cons. day, 100,000 gals.; cost, \$85,000; wks. owned by village.

PUTNEY, p. 969. F. dept.—1 comb. c. & hose wag., 1 hose wag., 600 ft. hose; f. al., wh.; val. equip., \$1,000; tot. mem., 25 vol.

Water Supply—Src., not stated; 4 hyd.; pres., 80 lbs.

RANDOLPH, p. 8,191; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 $\frac{1}{2}$ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 2 c. hand ex., 1 h. & l. trk., 4 hose cart; hose, cot., rub. lined, gd., 1,100 ft.; leather, gd., 500 ft.; inf., 800 ft.; tot. hose, 1,900 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 45, pd. full time 30, pd. part time 15.

Water Supply—Src., spr.; sys., grav.; res. cap., 1,000,000 gals.; 1 pump, eng., cap. day, 72,000 gals.; mains, 4 to 10 in. dia.; 54 hyd.; 20 v.; 440 serv.; pres., dom. & f. 85 to 125 lbs.; cost, \$28,000; cost mtce., \$1,000; wks. owned by village.

READSBORO, p. 1,800; f. area, 10 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$200; exp. dept., \$345; tot. mem., 23, pd. full time.

Water Supply—Src., brook, 8 m. bus. cent.; sys., grav. & pump to res.; res. cap., 675,000 gals.; 2 pump, eng., cap. day 500,000 gals.; mains, 8 m., 4 to 8 in. dia.; 20 hyd.; 11 v.; 110 serv.; pipe, galv. i.; pres., dom. 80 to 100 lbs.; f. 115 to 150 lbs.; cost, 14,000; wks. owned by city.

RICHFORD, p. 2,907; f. area, 650 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose cart; hose, cot., rub. lined, gd., 3,000 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$6,000; exp. dept., \$90; tot. mem., 39 vol.

Water Supply—Src., spr. & brook, 8 m. bus. cent.; sys., grav.; res. cap., 2,500,000 gals.; mains, iron, 9 m., 4 to 10 in. dia.; 40 hyd.; 18 v.; 800 serv.; pipe, galv. i.; pres., dom. 110 lbs.; f. 110 & 120 lbs.; cost, \$26,000; cost mtce., \$500; wks. owned by city.

RICHMOND, p. 1,000. F. dept.—2 hose carts, 1 c. eng.; vol.; val. equip., 800.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump; 12 hyd.; 2 v.; pres., f. 100 lbs.; wks. owned by city & Co.

ROCHESTER, p. 1,250; f. area, 320 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt.

ord. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; tot. mem., 15 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 120,000 gals.; mains, 1 $\frac{1}{4}$ m.; 18 hyd.; 85 serv.; gd., 800 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$25; tot. mem., 25 vol.

RUTLAND, p. 13,546; f. area, 5,136 a.; merc. bldgs., str., bk., wd., 2 to 5 stor.; priv., bk. & wd., 2 $\frac{1}{2}$ & 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 str., 1 aer. trk., 2 hose wag.; hose, cot., rub. lined, gd., 6,200 ft.; f. al., Gamewell; bx., 38; val. equip., \$20,000; exp. dept., \$12,000; tot. mem., 80, pd. full time 9, vol. 21; undra. rating, second class.

Water Supply—Src., riv., 4 m. bus. cent.; sys., grav.; res. cap., 5,000,000 gals.; mains, c. i., 50 m., 2 to 16 in. dia.; 168 hyd.; 2,335 serv.; pipe, galv. i.; pres., dom. 60 lbs.; f. 50 to 100 lbs.; cons. day, 2,000,000 gals.; cost, \$200,000; cost mtce., \$6,000; wks. owned by city.

ST. ALBANS, p. 6,881; f. area, 158 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—11 c. hand ex., 1 h. & l. trk., 2 reels, 2 hose wag., 3 hra.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 29 bx.; val. equip., \$10,000; val. bldgs., \$8,000; exp. dept., \$4,000; tot. mem., 26, pd. full time 3, pd. part time 23.

Water Supply—Src., spr. & brook, 4 $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 258,000,000 gals., loc. at North Fairfax; mains, c. i. & cem., 37 m., 3 to 16 in. dia.; 112 hyd.; 100 v.; met., 50; 1,500 serv.; pipe, galv. i.; pres., dom. 120 lbs.; f. 120 lbs.; cost, \$300,000; cost mtce., \$5,000; wks. owned by city.

ST. JOHNSBURY, p. 8,098; f. area, 1,000 a.; merc. bldgs., wd. & bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., equipped with 1,000 ft. hose, 2 c. tk., 1 hand eng., 35 c. hand ex., 1 h. & l. trk., 1 supply wag., 5 hose wag.; hose, cot., rub. lined, gd., 5,500 ft.; inf., 600 ft.; tot. hose, 6,100 ft.; f. al., Gamewell, 30 bx.; val. equip., \$14,000; val. bldgs., \$3,500; exp. dept., \$5,500; tot. mem., 73, pd. full time 2, vol. 71.

Water Supply—Src., riv.; sys., pump dir.; mains, c. i., 8 m., 4 to 12 in. dia.; 181 hyd.; 35 v.; 1 met.; 300 serv.; pipe, galv. & wrt. i.; pres., dom. 65 lbs.; f. 100 lbs.; cost, \$100,000; cost mtce., \$2,000; wks. owned by village.

SHELDON, p. 1,341. F. dept.—No org. f. dept. Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 150 bbls.; mains, 2 m., 1 $\frac{1}{2}$ in. dia.; 30 serv.; pres., dom. 50 lbs.; f. 50 lbs.; cost, \$1,500; wks. owned by priv. Co.

SOUTH ROYALTON, p. 940; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose cart, 2 hose wag., 25 hand ex.; hose, linen, gd., 800 ft.; inf., 200 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$500; exp. dept., \$25; tot. mem., 40 vol.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 5,000 gals.; mains, 1 m., 2 to 6 in. dia.; 3 hyd.; pres., dom. 125 lbs.; f. 130 lbs.; cost, \$5,000; wks. owned by priv. Co.

SPRINGFIELD, p. 4,784; f. area, 2,000 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 4 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 2,500 ft.; tot. hose, 4,000 ft.; f. al., wh., 1 bx.; val. equip., \$8,000; val. bldgs., \$6,000; exp. dept., \$1,000; tot. mem., 27, pd. part time.

Water Supply—Src., spr., 4 $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 56,000,000 gals.; mains, c. i., 4.3 m., 12 to 20 in. dia.; 75 hyd.; 38 v.; 550 met.; 550 serv.; pipe, wrt. i.; pres., dom. 65 lbs.; f. 150 lbs.; cost, \$165,000; cost mtce., \$1,500; wks. owned by city.

STOWE, p. 2,000; f. area, 250 a.; merc. bldgs., wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 24 c. hand ex., 1 hose cart; hose, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$1,100; val. bldgs., \$500; tot. mem., 35, pd. part time.

Water Supply—Src., spr., 1 m. bus. cent.; sys.,

grav.; res. cap., 345,000 gals.; loc. $\frac{1}{2}$ m. east of cent. of village; mains, c. & wrt. l., 4 m., 1 to 10 in. dia.; 34 hyd.; 21 v.; 167 serv.; pipe, galv. i. & lead; pres., dom. 90 lbs.; f. 90 lbs.; cost, \$21,000; cost mtce., \$150; wks. owned by city.

SWANTON, p. 3,628; bldgs., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & 1 trk., 4 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; linen, gd., 500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$1,800; tot. mem. 44, pd. part time 22, vol. 22.

Water Supply—Src., pond, 9 m. bus. cent.; sys. grav.; pump. eng., cap. day 1,500,000 gals.; mains, wd., 18 m., 4 to 12 in. dia.; 35 hyd.; pres., dom. 60 lbs.; cost, \$115,000; cost mtce., \$700; wks. owned by Co.

UNDERHILL, p. 1,140. F. dept.—1 c. eng., 25 c. hand ex., 1 ladder trk.; vol.

Water Supply—Src., spr., $\frac{1}{2}$ m. bus. cent.; sys. grav.; res. cap., 19,200 gals.; mains, iron, 3 m., $\frac{3}{4}$ to 3 in. dia.; 15 hyd.; 100 serv.; pres., dom. 75 lbs.; f. 75 lbs.; cost, \$5,000; cost mtce., \$300; wks. owned by Co.

VERGENNES, p. 1,753; f. area, 600 a.; merc. bldgs., stn., bk. & wd., 3 & 4 stor.; priv., wd., bk. & stn., 1 to 3 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 h. & 1 trk., 5 hose car.; hose, cot., rub. lined, gd., 2,150 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$500; tot. mem., 43 vol.

Water Supply—Src., creek, in cent. of city; sys. pump dir.; pump. eng., cap. day 1,250,000 gals.; mains, c. i., 8 m., 4 to 6 in. dia.; 37 hyd.; 14 v.; 480 serv.; pipe, wrt. i.; pres., dom. 80 lbs.; f. 130 lbs.; cost, \$85,000; cost mtce., \$800; wks. owned by city.

WALLINGFORD, p. 1,800; f. area, 50 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 1 h. & 1 trk., 6 ladders, pails, axes, etc.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$900; exp. dept., \$800; tot. mem., 60 vol.

Water Supply—Src., res., 1 m. bus. cent.; sys. dir. pres.; mains, 6 to 8 in. dia.; 25 hyd.; pres., dom. 80 lbs.; f. 100 lbs.; wks. owned by priv. Co.

WATERBURY, p. 3,273; f. area, 1 sq. m.; merc. bldgs., bk. & wd., $1\frac{1}{2}$ to 4 stor.; priv., bk. & wd., 2 $\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 3 hose carts; hose, cot., rub. lined, gd., 2,700 ft.; tot. mem., 18 vol.; val. equip., \$3,000; exp. dept., \$400; vol.

Water Supply—Src., spr., cisterns, 7 m. bus. cent.; sys. grav.; res. cap., 500,000 gals.; pump. eng., cap. day 250,000 gals.; mains, iron, 12 m., 2 to 12 in. dia.; 56 hyd.; 175 serv.; pres., dom. 105 lbs.; f. 105 lbs.; cost, \$37,000; wks. owned by city.

WELLS, p. 750; merc. bldgs., wd., 1 & 2 stor.; pr.v., wd., 1 to 3 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 2 hose car.; hose, cot., rub. lined, gd., 200 ft.; rub. gd., 200 ft.; tot. hose, 400 ft.; val. equip., \$1,000; val. bldgs., \$300; tot. mem., 9, pd. part time.

No waterwks.

WESTMINSTER, p. 1,295. No org. f. dept.

Water Supply—Src., spr., $\frac{1}{2}$ m. bus. cent.; sys. grav.; res. cap., 1,000 gals.; mains, iron & cem., 1 m., 3 in. dia.; 30 serv.; pres., f. 30 lbs.; cost, 3,000; cost mtce., \$100; wks. owned by Co.

WEST RUTLAND, p. 3,427. F. dept.—4 hose carts; hose, gd., 1,950 ft.; old, 400 ft.; tot. hose, 2,350 ft.; f. al., wh.; vol.

Water Supply—Mountain spr.; res. cap., 8,000, 000 gals.; 30 hyd.; pres., 140 lbs.

WHITE RIVER JUNCTION, p. 2,000; f. area, 200 a.; merc. bldgs., wd. & bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; F. dept.—1 str., 1 h. & 1 trk., 5 carts & 1 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell, 14 bx.; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$3,624; tot. mem., 30 vol.

Water Supply—Src., riv., $2\frac{1}{4}$ m. bus. cent.; sys. grav.; res. cap., 30,000,000 gals.; mains, c. i., 9 m., 4 to 10 in. dia.; 25 v.; 54 hyd.; met., 14; 400 serv.; pipe, galv. i.; pres., dom. 140 lbs.; f. 70 to 140 lbs.; cons. day, 200,000 gals.; cost, \$90,000; cost mtce., \$1,000; wks. owned by Co.

WILMINGTON, p. 1,250; f. area, 150 a.; merc. bldgs., wd., 2 stor.; priv., wd., $1\frac{1}{2}$ & 2 stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—1 stm. pump, 1 hand eng., 1 h. & 1 trk., 3 hose car.; hose, rub., gd., 1,500 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$500; exp. dept., \$150; tot. mem., 10, pd. full time.

Water Supply—Src., mountain spr., 5 m. bus. cent.; sys. grav.; res. cap., 1,500,000 gals., loc. within village limits; mains, iron, 1 m., 6 to 8 in. dia.; 12 hyd.; 10 v.; pres., f. 95 lbs.; cost, \$20,500; wks. owned by village.

WINDSOR, p. 2,330; merc. bldgs., bk. & wd., $2\frac{1}{2}$ stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.; exp. dept., \$197.83; tot. mem., 24 vol.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys. pump to stdp. & dir.; stdp. cap., 275,000 gals.; res. cap., 5,000,000 gals.; pump. eng., cap. day 576,000 gals.; mains, c. i., 6 m., 2 to 8 in. dia.; 54 hyd.; 400 serv.; 20 met.; pipe, galv. i.; pres., dom. 80 lbs.; f. 90 to 100 lbs.; cons. day, 225,000 gals.; cost, \$50,000; cost mtce., \$2,000; wks. owned by village.

WINDSOR, p. 4,520; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 6 c. hand ex., 1 h. & 1 trk., 4 hose carts; hose, rub., gd., 8,000 ft.; f. al., bell & wh.; val. equip., \$3,000; exp. dept., \$1,500; tot. mem., 50, 4 pd. part time, 46 vol.

Water Supply—Src., spr., $\frac{1}{4}$ m. bus. cent.; sys. grav.; res. cap., 12,500,000 gals.; mains, c. i., $6\frac{1}{2}$ m., 4 to 8 in. dia.; 30 hyd.; 3 v.; met., 521; 575 serv.; pipe, galv. i.; pres., dom. 65 lbs.; f. 65 to 150 lbs.; cons. day, 50,000 gals.; cost, \$60,000; cost mtce., \$1,500; wks. owned by Co.

WOODSTOCK, p. 2,545; bldgs., wd., stn. & bk., 1 to 4 stor.; wd. rfs. perm. F. dept.—2 c. hand ex., 2 hand eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 500 ft.; tot. hose, 2,100 ft.; f. al., elec., 10 bx.; val. equip., \$3,000; val. bldgs., \$800; exp. dept., \$400; tot. mem., 44 vol.

Water Supply—Src., spr. & brook, $2\frac{1}{4}$ m. bus. cent.; sys. grav.; res. cap., 20,000,000 gals., loc. $2\frac{1}{4}$ m. bus. cent.; mains, c. i., $8\frac{1}{2}$ m., 4 to 8 in. dia.; 36 hyd.; 440 serv.; pipe, galv. i.; pres., dom. 110 lbs.; f. 110 lbs.; cost, \$100,000; cost mtce., \$1,500; wks. owned by Co.

WOLCOTT, p. 1,066; merc. bldgs., wd. F. dept.—1 hand eng., 1 hose car.; hose, rub., gd., 400 ft.; f. al., bell & wh.; tot. mem., vol.

Water Supply—Src., riv.

Places with a population of 1,000 or more having no organized fire dept.—Albany, Alburgh, Bakersfield, Bridgeport, Calais, Charlotte, Craftsbury, Fairfax, Fairfield, Ferrisburg, Georgia, Grafton, Hartland, Highgate, Lincoln, Marshfield, Montgomery, Newbury, New Haven, Orwell, Pawlet, Royalton, Ryegate, Shaftsbury, Shelbourne, Shoreham, Stratford, Topsam, Whitingham, Williston.

VIRGINIA

ABINGDON, p. 1,757; f. area, 480 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose reels, 1 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$750; tot. mem., 24 vol.; undra. rating, third class.

Water Supply—Src., spr.; sys., pump to res.; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day 600,000 gals.; mains, 6 m., 2 to 6 in. dia.; 40 hyd.; 14 v.; met., 2; 195 serv.; pres., f. 80 to 95 lbs.; cost, \$30,000; cost mtce., \$1,000; wks. owned by Co.

ALEXANDRIA, p. 15,329; f. area, 960 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 2 c. hand ex., 1 h. & l. trk., 2 hose carts, 2 hose car., 9 hrs.; hose, cot., rub. lined, gd., 9,000 ft.; inf., 3,000 ft.; tot. hose, 12,000 ft.; f. al., tel. & bell; val. equip., \$18,000; val. bldgs., \$18,000; exp. dept., \$8,000; tot. mem., 160, pd. full time 8, 152 vol.; undra. rating, second class.

Water Supply—Src., Cameron Run, $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. No. 1, cap. 16,500,000 gals.; res. No. 2, cap. 600,000,000 gals.; 2 pump. eng., cap. day 2,304,000 gals.; mains, iron, 8 m., 4 to 20 in. dia.; 165 hyd.; met., 8; 3,700 serv.; pipe, lead & iron; pres., dom. 30 lbs., f. 25 to 35 lbs.; wks. owned by Co.

ASHLAND, p. 1,324; f. area, 640 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 gas. eng., 1 h. & l. trk., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$1,800; tot. mem., 35 vol.; undra. rating, third class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 80,000 gals.; 2 pump. eng.; pres., 40 lbs.

BASIC CITY, p. 1,632; bldgs., wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 50 ft.; tot. hose, 1,250 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$500; vol.

Water Supply—Src., spr.; sys., pump to res.; res. cap., 200,000 gals.; 1 pump. eng., cap. day 180,000 gals.; mains, c. l., $4\frac{1}{2}$ m., 3 to 8 in. dia.; 10 hyd.; 2 v.; 56 serv.; pres., dom. 60 lbs., f. 70 lbs.; cons. day, 80,000 gals.; cost, \$3,000; cost mtce., \$1,200; wks. owned by city.

BEDFORD CITY, p. 2,508; bldgs., bk. & wd., 2 stor.; wd. rfs. not perm. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,800; exp. dept., \$200; tot. mem., 25 vol.; undra. rating, third class.

Water Supply—Src., spr.; sys., grav.; res. cap., 1,000,000 gals.; mains, c. l., 7 m., 4 to 8 in. dia.; 50 hyd.; pipe, iron; pres., f., 100 lbs.; cost, \$90,000; cost mtce., \$850; wks. owned by city.

BERKLEY, p. 6,732; f. area, 100 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose reels, 5 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$20,000; val. bldgs., \$3,500; exp. dept., \$400; tot. mem., 43, pd. full time 3, vol. 40; undra. rating, second class.

Water Supply—Src., wells & lake, $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 368,000 gals., dim. 25 x 100; 2 pump. eng., cap. day 1,500,000 gals.; mains, wrt. l., cem., 4.4 m., 4 to 10 in. dia.; 86 hyd.; 72 v.; met., 75; 825 serv.; pipe, galv. i.; pres., dom. 30 lbs., f. 60 lbs.; cost, \$100,000; cost mtce., \$2,000; wks. owned by Co.

BERRYVILLE, p. 876; merc. bldgs., bk., stn., & wd., $1\frac{1}{2}$ to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord.; f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., 1,200 ft.; bell al.; tot. mem., 25 vol.

Water Supply—Src., spr., impounding reservoir;

sys., grav.; res. cap., 50,000 gals.; pipe, 4 m., 4 to 8 in. dia.; 35 hyd.; pres., 35 to 90 lbs.; cost, \$43,000; wks. owned by Co.

BIG STONE GAP, p. 2,590; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., trk., 180 buckets, 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; tot. mem., 50 vol.

Water Supply—Src., str., 7 m. bus. cent.; sys., grav.; mains, c. l., 7 m., 6 to 12 in. dia.; 50 hyd.; 12 v.; 250 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 130 lbs.; cons. day, 100,000 gals.; cost, \$90,000; cost mtce., \$700; wks. owned by town.

BLACKSTONE, p. 1,486; bldgs., bk. & wd. F. dept.—2 hose reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; tot. mem., 17 vol.

Water Supply—Src., wells; sys., air pres.; cap. of res., 50,000 gals.

BRISTOL. (See Tennessee.)

BUCHANAN, p. 792; merc. bldgs., bk. & wd., 1 to 2 $\frac{1}{2}$ stor.; priv., wd., 2 stor. No org. f. dept.

Water Supply—Src., mountain str.; sys., pump to stdp.; stdp. cap., 25,000 gals.; pump. eng., cap. day, 150,000 gals.; mains, 1 $\frac{1}{2}$ m., 4 to 8 in. dia.; 13 hyd.; pres., 100 lbs., f. 130 lbs.; cost, \$7,800; wks. owned by Co.

BUENA VISTA, p. 3,245; f. area, 1,000 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; fair, 400 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$1,000; tot. mem., 22, pd. full time 2, 20 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; mains, 8 m., 4 to 8 in. dia.; 80 hyd.; 25 v.; pres., dom. 80 lbs., f. 80 lbs.; cost, \$10,000; wks. owned by city.

CAPE CHARLES, p. 1,948; f. area, 150 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 3 c. hand ex., 3 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$2,400; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 26 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 50,000 gals.; 2 pump. eng., cap. day 240,000 gals.; mains, 2 m.; 81 hyd.; met., 14; pres., dom. 40 lbs., f. 40 lbs.; cons. day, 50,000 gals.; cost, \$12,000; wks. owned by city.

CHARLOTTESVILLE, p. 6,765; f. area, 6,400 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hand eng., 50 c. hand ex., 1 h. & l. trk., 2 hose wag., 7 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$3,500; exp. dept., \$1,500; tot. mem., 50, pd. full time 3, vol. 47; undra. rating, third class.

Water Supply—Src., mountain str., 4 m. bus. cent.; sys., grav.; stdp. cap., 33,000 gals.; mat. wrt. l.; res. cap., 600,000,000 gals.; pump. eng., cap. day, 1,000,000 gals.; mains, c. l., 16 m., 2 to 18 in. dia.; 89 hyd.; 132 v.; met., 793; 1,600 serv.; pipe, c. l. & wrt. l.; pres., dom. & f. 40 to 90 lbs.; cons. day, 1,200,000 gals.; cost, \$265,000; cost mtce., \$7,500; wks. owned by city.

CHASE CITY, p. 1,662; f. area, 840 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 200 ft.; inf., 100 ft.; tot. hose, 300 ft.; f. al., bell; val. equip., \$125; val. bldgs., \$575; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., wells.

CHATHAM, p. 1,113; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 c. eng., 1 h. & l. trk., 300 ft. hose; vol.; undra. rating, fourth class.

Water Supply—Src., spr.; sys., grav. to res.; res. cap., 100,000 gals.; mains, 3 m., 2 to 6 in. dia.; 25 hyd.; 50 serv.; pres., dom. 18 lbs., f. 75 lbs.; cost, \$27,000.

CHRISTIANBURG, p. 1,568. F. dept.—12 c. ex., ladders & buckets, vol.

Water Supply—Src., wells & cisterns.

CLIFTON FORGE, p. 5,748; merc. bldgs., wd. & bk., 2, 3 & 4 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 8 hose reels, 8 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al. telp. & wh.; val. equip., \$7,000; val. bldgs., \$1,500; exp. dept., \$1,200; tot. mem., 35, pd. full time 2, vol. 83.

Water Supply—Src., creek, 4 m. bus. cent.; sys., grav.; 2 dams, cap. 3,000,000 gals.; creek, cap. 7,000,000 gals.; mains, c. l., 17½ m., 4 to 18 in. dia.; 62 hyd.; 40 v.; 20 met.; 1,200 serv.; pres., dom. 70 lbs., f. 125 lbs.; cost, \$180,000; cost mtce., \$2,600; wks. owned by city.

COVINGTON, p. 4,234; f. area, 250 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 25 c. hand ex., 5 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al. bell; val. equip., \$3,500; val. bldgs., \$1,500; exp. dept., \$750; tot. mem., 40 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 1,400,000 gals.; 1 pump. eng., cap. day 500,000 gals.; mains, c. l., 5 m., 1 to 10 in. dia.; 35 hyd.; 25 v.; met., 4; 650 serv.; pipe, iron; pres., dom. 90 to 110 lbs., f. 110 to 145 lbs.; cons. day, 800,000 gals.; cost, \$53,000; cost mtce., \$2,000; wks. owned by city & Co.

CREWE, p. 1,802; bldgs., wd. & bk. F. dept.—12 c. h. ex., 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; inf., 500 ft.; tot. hose, 1,100 ft.; f. al. wh.; tot. mem., 20 vol.

Water Supply—Src., str., sys., pump to res.; res. cap., 50,000 gals.; 1 pump. eng., class dup., cap. day 200,000 gals.; 16 hyd.; pres., dom. 30 lbs., f. 30 lbs.; wks. owned by priv. individual.

CULPEPER, p. 1,795; f. area, 960 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 300 ft.; inf., 300 ft.; tot. hose, 1,600 ft.; f. al. elec., 18 bx.; tot. mem., 20 vol.; undra. rating, third class.

Water Supply—Src., str., 3 m. bus. cent.; sys., pump to stdp.; stdp., cap., 300,000 gals.; dim. 80 x 25; 2 pump. eng., cap. day, 1,250,000 gals.; mains, c. i. & terra cotta, 7 m., 4 to 10 in. dia.; 51 hyd.; 400 met.; 425 serv.; pres., dom. 90 lbs., f. 150 lbs.; cost, \$40,000; wks. owned by city.

DANVILLE, p. 19,020; f. area, 1,000 a.; merc. bldgs., stn., bk. & wd., 1 to 6 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 1 aer. trk., 6 c. hand ex., 1 h. & 1 trk., 3 hose wag., 1 comb. c. & h. wag., 12 hrs.; hose, cot., rub. lined, gd., 6,350 ft.; c., 400 ft.; tot. hose, 6,750 ft.; f. al., Gamewell, 34 bx.; val. equip., \$15,000; val. bldgs., \$12,000; exp. dept., \$18,000; tot. mem., 34, pd. full time 12, pd. part time 22.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., pump to res. & dir.; res. cap., 7,000,000 gals.; 2 pump. eng., class cross comp., cap. day 4,000,000 gals.; mains, iron, 31 m., 1 to 24 in. dia.; 232 hyd.; 162 v.; met., \$3,087; \$1,919 serv.; pipe, lead; pres., dom. 50 lbs., f. 80 to 100 lbs.; cons. day, 859,186 gals.; wks. owned by city.

EMPORIA, p. 2,018. F. dept.—2 hose carts, 1,500 ft. hose; vol.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., grav.; stdp., cap., 65,000 gals., dim. 20 x 24, mat. wd.; 2 pump. eng., cap. day, 1,200,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 59 hyd.; 30 v.; 20 met.; 250 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 40 to 50 lbs.; cons. day, 300,000 gals.; cost, \$30,000; wks. owned by town.

FALLS CHURCH, p. 1,100; f. area, 640 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—3 c. eng., 2 h. f. ex., 1 h. & 1 trk., 300 ft. hose; f. al. bell; val. equip., \$750; val. bldgs., \$300; tot. mem., 45 vol.

Water Supply—Src., wells.

FARMVILLE, p. 2,971; f. area, 375 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & 1 trk., 24 buckets, 5 hose car., 3 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell, elec. & telp., 12 bx.; val. equip., \$3,350; val. bldgs., \$3,500; exp. dept., \$1,400; tot. mem., 24, 3 pd. full time, 8 pd. part time, 13 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav., pump to res., to stdp. or dir.; stdp., cap., 188,000 gals. dim. 25 x 50, mat. iron; 3 pump. eng., cap. day 864,000 gals.; mains, galv. & c. l., 7 m., 4 to 10 in. dia.; 45 hyd.; met., 40; 373 serv.; pipe, iron; pres., dom. 60 lbs., f. 70 lbs.; cons. day, 300,000 gals.; cost, \$40,000; cost mtce., \$3,000; wks. owned by town.

FRANKLIN, p. 2,271; f. area, 700 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 300 ft.; f. al., bell; tot. mem., 10 vol.; undra. rating, fourth class.

Water Supply—Src., riv.; sys., pump to tk.; tk. cap., 60,000 gals.; mains, wrt. l., ¾ m., 2½ in. dia.; 6 hyd.; 6 serv.; pipe, wrt. l.; pres., 5 lbs.; wks. owned by R. R. Co.

FREDERICKSBURG, p. 5,874; f. area, 960 a.; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. dept. equip., \$2,000; val. bldgs., \$2,800; exp. dept., \$1,000; tot. mem., 20 vol.; undra. rating, third class.

Water Supply—Src., riv.; sys., pump to res. d.r.; res. cap., 400,000 gals.; reserve res. 9,000,000 gals.; 2 pump. eng., cap. day 1,000,000 gals.; mains, 20 m., 2 to 8 in. dia.; 72 hyd.; 52 v.; met., 18; 1,392 serv.; pres., dom. 56 lbs., f. 100 lbs.; cons. day, 700,000 gals.; cost, \$60,000; cost mtce., \$5,000; wks. owned by city.

FRONT ROYAL, p. 1,133; f. area, 200 a.; bldgs., wd., bk., 2 stor.; wd. rfs. perm. F. dept.—1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,000; tot. mem., 50 vol.; undra. rating, third class.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 600,000 gals.; mains, 8 m., 4 to 10 in. dia.; 26 hyd.; 40 v.; 250 serv.; pres., f. 100 to 120 lbs.; cost, \$35,000; wks. owned by town.

GAINES CITY, p. 599. F. dept.—1 hose cart, 600 ft. hose; vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 70,000 gals.; mains, 2,500 ft., 3 & 4 in. dia.; 6 hyd.; pres., 60 lbs.

GLASGOW, p. 407. No org. f. dept.—1 hose car.; hose, cot., rub. lined, gd., 600 ft.

Water Supply—Src., spr., ½ m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals.; mains, c. l., 5½ m., 2 to 6 in. dia.; 50 hyd.; 12 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 80 lbs.; cost, \$15,000.

GORDONSVILLE, p. 564; f. area, 100 a.; bldgs., wd. & bk., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. hand ex., 1 h. & 1 trk., 1 aer. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; inf., 300 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$300; tot. mem., 25 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 500,000 gals.; mains, iron, 3 m., 4 to 6 in. dia.; 18 hyd.; pres., f. 50 lbs.; cost, \$12,000; cost mtce., \$240; wks. owned by city.

GOSHEN, p. 165. F. dept.—Not reported.

Water Supply—Src., creek; sys., pump to stdp.; stdp., cap., 26,000 gals.; mains, ¾ m., 4 to 8 in. dia.; 1 hyd.; 3 v.; pres., dom. 30 lbs., f. 30 lbs.; cost, \$5,550; cost mtce., \$500; wks. owned by Co.

GRAHAM, p. 1,917; bldgs., bk. & wd. F. dept. 4 hose car.; hose, 1,500 ft.; f. al., bell; val. equip., \$1,400; val. bldgs., \$100; tot. mem., 15 vol.

Water Supply—Src., res.; sys., pump; res. cap., 180,000 gals.; pump. eng., cap. day 500,000 gals.

HAMPTON, p. 5,505; f. area, 1,200 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. not inv. F. dept.—1

str., 1 h. & 1. trk., 3 hose car., 1 hose wag., 5 hrs.; hose, rub. lined, gd., 8,000 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$7,000; exp. dept., \$3,500; tot. mem., 72, pd. full time 2, vol. 70; undrs. rating, third class.

Water Supply—Src., riv. & creeks, wells, supplied by Newport News sys., 26 m. bus. cent.; sys. pump to stdp.; stdp. cap., 160,000 gals.; dim. 30 x 30. mat. iron; res. cap., 470,000 gals.; 3 pump. eng., cap. day 6,000,000 gals.; mains, c. i., 7 m., 4 to 12 in. dia.; 14 hyd.; met., 203; pipe, lead; pres., dom. 40 lbs., f. 40 lbs.; wks. owned by Co.

HARRISONBURG, p. 4,879; merc. bldgs., bk., 2 & 3 stor.; priv. wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1. trk., 5 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; val. equip., \$8,000; val. bldgs., \$5,000; tot. mem., 150 vol.; undrs. rating, third class.

Water Supply—Src., mountain strm. & spr., 13 m. bus. cent.; sys. grav.; res. cap., 1,000,000 gals.; pump. eng., cap. day 750,000 gals.; mains, c. i., 20½ m., 3 to 10 in. dia.; 100 hyd.; 97 v.; met., 24; 797 serv.; pipe, galv. i.; pres., dom. 55 lbs., f. 75 to 140 lbs.; cons. day, 450,000 gals.; cost, \$75,000; cost mtce., \$1,000; wks. owned by city.

LEESBURG, p. 1,597; f. area, 500 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hand eng.; 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$600; exp. dept., \$420; tot. mem., 48 vol.; undrs. rating, second class.

Water Supply—Src., spr. & wells, ¼ m. bus. cent.; sys. grav.; stdp. cap. 65,000 gals., 24 x 20 in. dia.; res. cap., 75,000 gals.; 1 trip. gasoline eng., cap. day 200,000 gals.; 1 pump. eng., cap. 36,000 gals. day; mains, 2 m., c. i.; pipe, 4 to 8 in. dia.; 52 hyd.; 50 v.; 10 met.; 305 serv.; pres., dom. 50 lbs., f. 50 lbs.; cost, \$28,000; cost mtce., \$250; wks. owned by town.

LEXINGTON, p. 2,931; f. area, 960 a.; merc. bldgs., stn. & bk., 2 to 4 stor.; priv., stn., bk. & wd., 2 to 3½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 59 c. hand ex., 4 hose car.; hose, cot., rub. lined, gd., 950 ft.; rub. gd., 600 ft.; inf., 1,250 ft.; tot. hose, 2,800 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$3,500; exp. dept., \$375; tot. mem., 60 vol.

Water Supply—Src., spr., 5 1-3 m. bus. cent.; sys. grav.; res. cap., 2,500,000 gals.; mains, c. i., 28 m., 3 to 8 in. dia.; 66 hyd.; met., 344; 340 serv.; pipe, wrt. i.; pres., dom. 60 lbs., f. 65 lbs.; cons. day, 225,000 gals.; cost, \$65,000; cost mtce., \$1,500; wks. owned by city.

LURAY, p. 1,218; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 3 stor.; wd. rfs. perm., except on new bldgs.; fwks. ord. F. dept.—2 hose car.; hose, cot., 1,200 ft.; f. al., wh.; tot. mem., 50 vol.; undrs. rating, second class.

Water Supply—Src., mountain strm.; sys. grav.; 1 res., cap. 4,000,000 gals.; mains, 3 m., 8 to 8 in. dia.; 29 hyd.; pres., f., 105 lbs.; cost, \$11,000; wks. owned by city.

LYNCHBURG, p. 29,494; f. area, 3,800 a.; merc. bldgs., bk., 3 to 8 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 3 comb. c. & h. wag., 20 c. hand ex., 1 h. & 1. trk., 1 aer. trk., 3 hose wag., 29 hrs.; hose, cot., rub. lined, gd., 12,600 ft.; f. al., Camewell, 74 bx.; val. equip. & bldgs., \$67,500; exp. dept., \$47,500; tot. mem., 52, pd. full time; undrs. rating, second class.

Water Supply—Src., riv., 22 m. bus. cent.; sys. grav. & pump to res.; res. cap., 8,000,000 gals.; 5 pump. eng., cap. day 7,250,000 gals.; mains, c. i., 38 m., 3 to 30 in. dia.; 351 hyd.; 400 v.; met., 275; 4,400 serv.; pipe, galv. i. & lead; pres., dom. 100 lbs., f. 160 lbs.; cons. day 4,000,000 gals.; cost, \$69,758; cost mtce., \$26,508; wks. owned by city.

MANASSAS, p. 1,217; f. area, 5½ a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline eng., 1 h. & 1. trk., 2 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf.

300 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$2,800; tot. mem. 20, pd. part time 1, vol. 19.

Water Supply—Src., well, 1 m. bus. cent.; sys. pump to stdp.; stdp. cap., 80,000 gals.; res. cap., 78,940 gals.; 2 pump. eng., cap. day 129,600 gals.; mains, iron, 7 m., 4 to 8 in. dia.; 52 hyd.; 72 v.; 86 met.; 86 serv.; pres., dom. 62 lbs., f. 100 lbs.; cons. day, 20,000 gals.; cost, \$33,000; cost mtce., \$600; wks. owned by city.

MANCHESTER, part of Richmond; p. 9,715; f. area, 600 a.; merc. bldgs., bk., iron, stn., wd., 2 & 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; f. not inv. F. dept.—1 h. & 1. trk., 1 hose wag., 3 hose car., 1 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., telp.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$2,100; tot. mem., 15, pd. full time 2, vol. 13.

Water Supply—Src., riv., 1½ m. bus. cent.; sys. pump to stdp.; stdp. cap., 130,000 gals., dim. 35 x 25; 4 pump. eng., class dup., cap. day 3,000,000 gals.; mains, c. & wrt. i., 12 m., 2 to 12 in. dia.; 75 hyd.; met., 100; 1,500 serv.; pipe, galv. i.; pres., dom. 88 lbs., f. 115 lbs.; cons. day, 1,500,000 gals.; cost, \$142,000; cost mtce., \$5,000 wks. owned by city.

MARION, p. 2,727; f. area, 180 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 4 hose car., 1 hose wag., 12 hand c. ex., 1 Eastman New Nozzle sys.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 600 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$2,050; val. bldgs., \$100; exp. dept., \$150; tot. mem., 30 vol.

Water Supply—Src., spr., 4¼ m. bus. cent.; sys. grav.; spr., cap. 3,000,000 gals. day, dim. 38 x 78 x 2½, mat. conc.; mains, c. i., 12 m., 3 to 12 in. dia.; 35 hyd.; 26 v.; 375 serv.; pipe, c. i.; pres., dom. 75 lbs., f. 40 to 100 lbs.; cons. day, 400,000 gals.; cost, \$40,000; cost mtce., \$100; wks. owned by city.

MARTINSVILLE, p. 3,368; f. area, 664 a.; merc. bldgs., bk., 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose reels; hose, cot., gd., 1,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$200; exp. dept., \$100; tot. mem., 24; undrs. rating, third class.

Water Supply—Src., creek, 1 m. bus. cent.; sys. pump to stdp. & dir.; stdp. cap., 300,000 gals., 75 ft. high; 4 pump. eng., cap. day 1,250,000 gals.; mains, c. i., 6 m., 6 to 8 in. dia.; 49 hyd.; 29 v.; 300 met.; 550 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 90 lbs.; cons. day, 150,000 gals.; cost, \$45,000; cost mtce., \$1,200; wks. owned by city.

NEWPORT NEWS, p. 20,205; f. area, 2,560 a.; merc. bldgs., stn., bk. & wd., 2 to 6 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 1 comb. c. & h. wag., 10 c. hand ex., 1 h. & 1. trk., 1 aer. trk., 2 hose wag., 1 hose car., 17 hrs.; hose, cot., rub. lined, gd., 8,500 ft.; f. al., elec., 21 bx.; val. equip., \$31,500; val. bldgs., \$9,000; exp. dept., \$20,520; tot. mem., 195, pd. full time 15, 170 vol.

Water Supply—Src., spr. & strm., 16 m. north city; sys. pump to stdp.; stdp. cap., 150,000 gals., dim. 30 x 34, mat. iron; res. cap., 800,000,000 gals.; 2 pump. eng., cap. day 6,000,000 gals.; mains, 89 m., 1 to 18 in. dia.; 206 hyd.; 468 v.; 2,828 met.; 4,875 serv.; pres., 40 lbs.; cons. day, 2,700,000 gals.; wks. owned by Co.

NORFOLK, p. 67,452; f. area, 9¼ m.; merc. bldgs., stn. & wd., 1 to 12 stor.; priv., stn., bk. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 str., 1 c. eng., 2 h. & 1. trk., 18 hand ext., 2 aer. trk., 1 hose wag., 1 supply wag., 1 hose car., 1 chief's auto; 3 chief's wag., 7 comb. c. & h. wag., 41 hrs.; hose, cot., rub. lined, gd., 15,750 ft.; f. al., elec., 188 bx.; val. equip., \$110,309; val. bldgs., \$150,800; exp. dept., \$163,462; tot. mem., 107, pd. full time.

Water Supply—Src., lakes, 5 m. bus. cent.; sys. pump or d.r.; 4 pump. eng., cap. day 22,000,000 gals.; mains, c. i., 92 m., 4 to 30 in. dia.; 400 hyd.; 3,700 met.; 11,500 serv.; pipe, lead & iron; pres., dom. 40 lbs., f. 45 lbs.; cons. day, 6,800,000 gals.; cost, \$1,250,000; wks. owned by city.

ONANCOCK, p. 1,001. F. dept.—1 hand hose reel, 500 ft. hose; vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 50,000 gals.; 1 pump. eng., class elec., cap. day 432,000 gals.

PETERSBURG, p. 24,127; f. area, 6,700 a.; merc. bldgs., bk., 3 to 5 stor.; priv., wd. & bk., 3 & 4 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 3 comb. c. & h. wag., 1 aer. trk., 1 chief's wag., 15 hrs.; hose, cot., rub. lined, gd., 5,850 ft.; inf., 500 ft.; tot. hose, 6,360 ft.; f. al., Gamewell, 48 bx.; val. equip., \$30,425; val. bldgs., \$35,000; exp. dept., \$31,540; tot. mem., 37, pd. full time; undrs. rating, first class.

Water Supply—Src., str., 1 m. bus. cent.; sys., grav. & pump to res.; res. cap., 23,000,000 gals.; 2 pump. eng., cap. day 4,000,000 gals.; mains, c. i., 26 m., 4 to 16 in. dia.; 242 hyd.; 200 v.; 3,700 met.; 1,500 serv.; pipe, lead; pres., dom. 30 lbs.; f. 60 lbs.; cons. day \$1,250,000 gals.; cost, \$200,000; cost mtce., \$18,000; wks. owned by city.

PHOEBUS, p. 2,394; bldgs., wd. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels, 5 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 200 ft.; tot. hose, 2,200 ft.; val. equip., \$3,000; val. bldgs., \$1,500; exp. dept., \$3,500; tot. mem., 120, pd. full time 2, vol. 118.

Water Supply—Src., same src. that supplies Newport News & Hampton, 15 m. bus. cent.; sys., pump to res.; pres., 60 to 75 lbs.

PINNERS POINT, p. 2,500. F. dept.—2 hose carts, 2,000 ft. hose; vol.

Water Supply—Src., from Portsmouth; pres., 35 to 65 lbs.; mains & hyd.

POCAHONTAS, p. 2,452; f. area, 3 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$250; tot. mem., 35 vol.

Water Supply—Src., str., & spr.; sys., pump to stdp.; stdp. cap., 250,000 gals.; dim. 35 x 85; 2 pump. eng., cap. day 2,000,000 gals.; 48 hyd.; pres., dom. & f., 130 lbs.

PORTSMOUTH, p. 33,190; f. area, 2½ sq. m.; merc. bldgs., stn. & bk., 3 to 5 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 5 comb. c. & h. wag., 14 c. hand ex., 1 aer. trk., 18 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 84 bx.; val. equip., \$50,000; val. bldgs., \$30,000; tot. mem., 422, pd. full time 22, 400 vol.

Water Supply—Src., lake, 20 m. bus. cent.; sys., grav. pump to res., to stdp. or dir.; stdp. cap., 530,000 gals.; dim. 30 x 100, mat. stl.; res. cap., 700,000 gals.; 4 pump. eng., cap. day, 12,000,000 gals.; mains, c. i., 52 m., 4 to 20 in. dia.; 359 hyd.; 520 v.; met., 965; 11,171 serv.; pipe, galv. i.; pres., dom. 30 lbs., f. 30 lbs.; cons. day, 4,000,000 gals.; wks. owned by Co.

PULASKI, p. 4,807; f. area, 960 a.; merc. bldgs., stn. & bk., 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$300; exp. dept., \$50; tot. mem., 23 vol.; undrs. rating, third class.

Water Supply—Src., storage dam, cap. 44,000 gals., loc. 3 m. north of city; sys., grav.; res. cap., 60,000,000 gals.; mains, c. i., 14 m., 4 to 12 in. dia.; 65 hyd.; 80 v.; 500 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 115 lbs.; cons. day, 80,000 gals.; cost, \$75,000; cost mtce., \$3,000; wks. owned by city.

RADFORD, p. 4,202; f. area, 600 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—3 reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$1,950; tot. mem., 50 vol.; undrs. rating, third class.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 184,000 gals.; res. cap., 8,000,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 10 m., 4 to 12 in. dia.; 75 hyd.; met., 30; 225 serv.; pres., dom. 65 lbs., f. 80 lbs.; cons. day, 225,000 gals.; cost, \$60,000; wks. owned by Co.

RICHLANDS, p. 743; f. area, 250 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car., axes, buckets, &c.; hose, cot., rub. lined, gd., 400 ft.; val. equip., \$300; val. bldgs., \$50; exp. dept., \$50; tot. mem., 30 vol.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 380,000 gals.; 1 pump. eng., cap. day 1,000,000 gals.; mains, 3½ m., 4 to 16 in. dia.; 35 hyd.; 20 v.; 105 serv.; pres., dom. 80 lbs., f. 125 lbs.; cost, \$45,000; cost mtce., \$1,000; wks. owned by Co.

RICHMOND, p. 127,628; f. area, 4,575 a.; merc. bldgs., bk., stl., conc. & stn., 2 to 10 stor.; priv., bk. & wd., 4 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. pump. eng., c. & h. wag., 3 chief's auto., 12 str., 10 comb. c. & h. wag., 73 c. hand ex., 12 in reserve, 4 aer. trk., 2 h. & l. trk., 4 hose wag., 11 fuel & supply wag., 68 hrs., 6 in reserve; hose, cot., rub. lined, gd., 27,750 ft.; inf., 1,150 ft.; tot. hose, 28,900 ft.; f. al., Gamewell, 248 bx.; val. equip., \$134,655; val. bldgs., \$286,000; exp. dept., \$179,760; tot. mem., 178, pd. full time 146, pd. part time 32.

Water Supply—Src., riv., 4 m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 150,000 gals., dim. 30 x 30, mat. stl.; res. cap., 50,000,000 gals.; 15 pump. eng., cap. day 32,000,000 gals.; mains, c. i., 175.78 m., 3 to 30 in. dia.; 1,239 hyd.; 17,743 met.; 26,100 serv.; pipe, lead; pres., dom. 65 to 85 lbs., f. 85 lbs.; cons. day, 14,638,642 gals.; cost, \$4,000,000; cost mtce., \$106,047; wks. owned by city.

ROANOKE, p. 34,874; f. area, 5 a.; merc. bldgs., wd., bk., 1 to 4 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm. in residential section; fwks. & combt. ord.; causes of f. inv. F. dept.—3 auto. comb. c. & h. wag., 3 str., 14 c. hand ex., 1 h. & l. trk., 3 hose wag., 21 hrs.; hose, cot., rub. lined, gd., 10,350 ft.; f. al., Gamewell, 77 bx.; val. equip., \$78,773; val. bldgs., \$90,869; exp. dept., \$54,000; tot. mem., 59, pd. full time 55, pd. part time 4; undrs. rating, first class.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., pump to res. & dir.; stdp. cap., 183,500 gals., 25 x 50 in. d.a.; res. cap., 5,000,000 gals.; 3 pump. eng., class dup., cap. day 9,000,000 gals.; mains, c. i., 86 m., 3 to 16 in. dia.; 290 hyd.; 300 v.; 3,600 met.; 6,800 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 90 lbs.; cons. day, 4,076,830 gals.; cost, \$526,000; cost mtce., \$13,000; wks. owned by Co.

SALEM, p. 3,849; merc. bldgs., bk., 2 stor.; priv., wj., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 hose wag.; hose, cot. jacket, gd., 3,000 ft.; f. al., bell & elec.; val. equip., \$700; val. bldgs., \$1,200; tot. mem., 16, pd. full time & vol.

Water Supply—Src., lake & spr.; sys., pump to res. & d.r.; res. cap., 500,000 gals.; stdp. cap., 150,000 gals.; 2 pump. eng., cap. day 1,440,000 gals.; mains, 16 m., 2 to 8 in. dia.; 70 hyd.; met., 5; pres., dom. 50 lbs.; cost, \$42,000; cost mtce., \$1,000; wks. owned by city.

SHENANDOAH, p. 1,431. F. dept.—2 hose carts, 1,000 ft. hose; vol.

Water Supply—Src., pumps; sys., pump dir.

SMITHFIELD, p. 1,278. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 950 ft.; tot. mem., 40 vol.

Water Supply—Src., lakes; sys., pump to stdp.; stdp. cap., 80,000 gals.; 2 pump. eng., cap. day 7,500,000 gals.; mains, 2 m., 4 to 8 in. dia.; 20 hyd.; pres., dom. 40 to 80 lbs.; wks. owned by Co.

SOUTH BOSTON, p. 3,616; f. area, 160 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—4 hose reels; hose, cot., rub. lined, gd., 1,800 ft.; inf., 700 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$2,200; val. bldgs., \$2,000; exp. dept., \$350; tot. mem., 12 vol.; undrs. rating, third class.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 75,000 gals., dim. 75 x 12; 1 pump. eng., cap. day 300,000 gals.; mains, iron, 2 m., 6 & 8 in. dia.; 80 hyd.; 8 v.; pres., dom. 40 lbs., f. 95 lbs.; cost, \$12,000; wks. owned by city.

STAUNTON, p. 10,604; f. area, 1,000 a.; merc. bldgs., bk., 1 to 5 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.;

causes of f. inv. F. dept.—1 auto. str., 6 c. hand ex., 1 hose wag., 1 hose wag. & c. comb., 1 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 1,750 ft.; f. al., elec. bell, 31 bx.; val. equip., \$15,000; val. bldgs., \$7,000; exp. dept., \$5,000; tot. mem., 30, pd. full time 2, pd. part time 10, 18 vol.

Water Supply—Src., spr., $\frac{1}{2}$ m. bus. cent.; sys. pump to res., to stdp. & dir.; res. cap., 2,500,000 gals.; 2 pump. eng., class dup., cap. day 2,500,000 gals.; mains, c. i., 8 m., 4 to 12 in. dia.; 76 hyd.; 100 v.; met., 50; 2,000 serv.; pipe, galv. i., lead; pres., dom. 50 lbs., f. 75 lbs.; cost, \$250,000; cost mtce., \$12,000; owned by city.

STRASSBURG, p. 762. F. dept.—2 hose carts, 800 ft. hose; vol.

Water Supply—Src., well; sys., grav.; res. cap., 1,078,500 gals.; mains, 4 m., 4 to 6 in. dia.; 19 hyd.

SUFFOLK, p. 7,008; f. area, 800 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 1 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Stevens, 9 bx.; val. equip., \$8,000; val. bldgs., \$8,500; tot. mem., 41, pd. full time 2, pd. part time 3, vol. 36; undra. rating, third class.

Water Supply—Src., lake; sys., pump to stdp.; stdp. cap., 52,700 gals., dim. 8 x 140; 8 pump. eng., cap. day 10,000,000 gals.; mains, iron, 4.6 m., 6 to 16 in. dia.; 42 hyd.; met., 24; 375 serv.; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 200,000 gals.; wks. owned by Co.

TAZEWELL, p. 1,230; bldgs., wd.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; tot. mem., 30 vol.

Water Supply—Src., spr.; sys., grav. to stdp.; stdp. cap., 160,000 gals.; res. cap., 50,000 gals.; mains, 2 m., 4 to 8 in. dia.; 40 hyd.; pres., dom. 100 lbs.

VINTON, p. 1,928; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—c. hand ex., 1 hose reel, 1 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; f. al. bell; val. equip., \$1,300; val. bldgs., \$1,000; tot. mem., 21 vol.

Water Supply—Src., spr.; sys., gr. & pump to stdp.; stdp. cap., 200,000 gals.; pump. eng., cap. day 500,000 gals.; mains, 11 m., 2 to 10 in. dia.; pres., dom. 90 lbs., f. 300 lbs.; cost, \$100,000; wks. owned by Co.

WARRENTON, p. 1,427; f. area, 500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 200 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$5,000; tot. mem., 25 vol.

Water Supply—Src., spr. & well, 3 m. bus. cent.; sys., grav.; 2 res.; res. No. 1, cap. 750,000 gals.; res. No. 2, cap. 1,250,000 gals.; 1 pump. eng., cap. day 72,000 gals.; mains, iron, 6 m., 4 to 8 in. dia.; 30 hyd.; met., 300; pres., dom. & f., 70 lbs.; wks. owned by city.

WAYNESBORO, p. 1,389; bldgs., bk., conc. & wd. F. dept.—1 h. & l. trk., 2 hose reels; hose, 700 ft.; tot. mem., 30 vol.

Water Supply—Src., riv.; sys., pump; pump.

eng., cap. min. 600 gals.; res. cap., 50,000 gals. 700 ft.; tot. mem., 30 vol.

WEST POINT, p. 1,397; f. area, 523 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. c. & hose wag., 4 c. hand ex., 1 hose wag., 8 hose car.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 2,000 ft.; tot. hose, 3,400 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$300; exp. dept., \$250; tot. mem., 30 vol.

Water Supply—Src., 8 wells, in bus. cent.; sys., grav. & pump dir.; stdp. cap., 63,000 gals.; purp. eng., cap. min. 250 gals.; mains, 3 m.; 50 hyd.; wks. owned by city.

WILLIAMSBURG, p. 2,714. F. dept.—2 c. eng.; vol.

No water supply.

WINCHESTER, p. 5,864; f. area, 600 a.; merc. bldgs., bk.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—8 str., 2 hand eng., 1 c. eng., 1 h. & l. trk., 7 hose car.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 2,000 ft.; tot. hose, 7,000 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$68,000; exp. dept., \$1,490; tot. mem., 975 vol.

Water Supply—Src., spr., $\frac{1}{2}$ m. bus. cent.; sys., grav. & pump; res. cap., 275,000 gals., loc. $\frac{1}{2}$ m. city; 2 pump. eng., class dup., cap. day 1,440,000 gals.; mains, c. i., 19 $\frac{1}{2}$ m., 2 to 10 in. dia.; 108 hyd.; met., 45; 1,443 serv.; pipe, galv. iron; pres., dom. 65 lbs., f. 65 lbs.; cons. day, 457,000 gals.; cost, \$135,000; cost mtce., \$2,500; wks. owned by city.

WOODSTOCK, p. 1,314; f. area, 150 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 9 ft. h. high; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 10 c. hand ex., 5 hose car.; hose, cot., rub. lined, gd., 2,100 ft.; rub., gd., 1,200 ft.; inf., 300 ft.; tot. hose, 3,600 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$600; tot. mem., 55 vol.

Water Supply—Src., mountain spr., $\frac{3}{4}$ m. bus. cent.; sys., grav.; res. No. 1, cap. 360,000 gals.; No. 2, 600,000 gals., loc. near spr.; mains, c. i., $5\frac{1}{2}$ m., 4 to 8 in. dia.; 31 hyd.; 230 serv.; pipe, galv. i.; pres., f. 172 lbs.; cons. day, 100,000 gals.; cost, \$25,000; wks. owned by city.

WYTHEVILLE, p. 3,054; f. area, 1 $\frac{1}{2}$ blocks; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 600 ft.; inf., 800 ft.; tot. hose, 1,400 ft.; f. al., elec. val. equip., \$1,500; tot. mem., 20 vol.

Water Supply—Src., spr., 6 m. bus. cent.; sys., grav. & pump to res.; res. cap., 1,300,000 gals.; 1 pump. eng., cap. day 400,000 gals.; mains, c. i., $9\frac{1}{2}$ m., 4 to 6 in. dia.; 43 hyd.; 11 v.; met., 4; 600 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 75 lbs.; cons. day, 400,000 gals.; cost, \$40,000; cost mtce., \$300; wks. owned by town.

Places with a population of 1,000 or more having no organized fire dept.—Chincoteague Island, James River, Keyesville, Lawrenceville, Rocky Mount, Rural Retreat, Saltville, Scottsville.

Places with a population of 1,000 or more not reported—South Norfolk.

WASHINGTON

ABERDEEN, p. 13,660; f. area, 1,200 a.; merc. bldgs., stn., bk. & conc., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. hose & pump. eng., 1 auto. comb. c. & h. & l. trk., 1 h. & l. trk., 2 comb. c. & h. wag., 10 hrs.; hose, cot., rub. lined, gd., 6,500 ft.; f. al., Gamewell, 33 bx.; val. equip., \$14,000; val. bldgs., \$1,500; exp. dept., \$3,500; tot. mem., 23, pd. full time.

Water Supply—Src., 3 creeks, 1 $\frac{1}{2}$ m., & 1 creek, 2 m. bus. cent.; sys., pump dir.; 4 pump. eng., class comp. dup. & simplex, cap. day 6,000,000 gals.; mains, stl., c. i. & wd., 20 m., 4 to 18 in. dia.; 158 hyd.; 150 v.; met., 481; 3,000

serv.; pipe, iron; pres., dom. 90 lbs., f. 110 lbs.; cons. day, 2,500,000 gals.; cost, \$225,000; cost mtce., \$7,385; wks. owned by city.

ANACORTES, p. 4,168; f. area, 1,500 a.; merc. bldgs., stn., bk., wd., 2 to 4 stor.; priv., wd. & cem., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—9 c. hand ex., 1 comb. h. & l. trk. & c., 3 hose carts, 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$10,000; exp. dept., \$2,500; tot. mem., 26, pd. full time 3 men, 23 vol.

Water Supply—Src., lake, 3 m. bus. cent.; sys., grav.; res. cap., 480,000 gals., loc. 2 m. south of city; mains, wd. & stl., 24 m., 1 to 12 in. dia.

41 hyd.; 38 v.; met.; 257; 780 serv.; pipe, galv. i.; pres., dom. 60 to 80 lbs., f. 90 lbs.; cost, \$115,000; wks. owned by Co.

ARLINGTON, p. 1,476; merc. bldg., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 3,000 ft.; f. al., tel.; val. equip., \$3,517; val. bldgs., \$400; tot. mem., 50 vol.

ASOTIN, p. 820; f. area, 100 a.; merc. bldgs., bk., conc. & wd., 1 to 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 h. & l. trk., 1,000 ft. hose; tot. mem., 30, pd. part time.

Water Supply—Src., Asotin creek, 9 m. bus. cent.; sys., grav.; res. cap., 350,000 gals.; pump. eng., cap. day 1,500,000 gals.; mains, $7\frac{1}{2}$ m., 4 to 10 in. dia.; 26 hyd.; 19 v.; 247 met.; 258 serv.; pres., dom. 60 to 90 lbs., f. 90 lbs.; cons. day, 800,000 gals.; cost, \$32,000; cost mtce., \$1,300; wks. owned by city.

ATTALA, p. 250. F. dept.—1 hose cart, 800 ft. hose, bell al.; vol.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., grav. & dir. pres.; res. cap., 270,000 gals.; 1 pump. eng., cap. day 270,000 gals.; mains, wd., $1\frac{1}{2}$ m., 4 to 8 in. dia.; 4 hyd.; 2 v.; 10 met.; 25 serv.; pres., dom. 43 lbs., f. 46 lbs.; cost mtce., \$300; wks. owned by priv. Co.

AUBURN, p. 957. F. dept.—1 c. eng., 12 c. hand ex., 1 hand eng., 1 h. & l. trk., 1,100 ft. hose; f. al., wh., 4 bx.; tot. mem., 65 vol.

Water Supply—Src., spr., $2\frac{1}{4}$ m. bus. cent.; sys., grav.; conc. res., cap. 225,000 gals.; mains, 4 to 8 in. dia.; 24 hyd.; pres., dom. 85 lbs., f. 110 lbs.; 27 hyd.

BALLARD, p. 12,000; annexed to Seattle.

Water Supply—See Seattle.

BELLINGHAM, p. 24,298. F. dept.—2 auto. comb. c. & h. wag., 1 auto. comb. c. & chief's buggy, 1 comb. c. & h. wag., 1 str., 1 aer. trk., 4 hose carts, 8 hose reels; hose, 7,900 ft.; f. al., Gamewell, 49 bx.; tot. mem., 122, pd. full time 17, vol. 105.

Water Supply—Src., lake, sys., grav.; 1 pump. eng., class dup., cap. day 720,000 gals.; res. cap., 270,000 gals.; 246 hyd.; pres., 105 lbs.

BLAINE, p. 2,289; f. area, 6 blocks; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor. F. dept.—3 c. eng., 2 carts, 1 h. & l. trk.; hose, cot., rub. lined, 1,300 ft.; inf., 600 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$3,500; tot. mem., 35 vol.; undrs. rating, third class.

Water Supply—Src., str., sys., grav.; res. cap., 5,000,000 gals., loc. 8 m. town; mains, stl., 5 m., 4 to 8 in. dia.; 19 hyd.; met., 10; 250 serv.; pres., dom. 40 lbs., f. 40 lbs.; cost, \$55,000; cost mtce., \$1,000; wks. owned by Co.

BREMERTON, p. 2,993; merc. bldgs., bk., stn. & wd., 1 to 3 stor. F. dept.—3 hose carts, 1 hand h. & l. trk., 1 comb. h. & c. wag., 2 hrs., 2,800 ft. cot., rub. lined, hose; f. al., bell; 1 pd. man, vol.

Water Supply—Src., mountain str., sys., grav. & dir. pres.; res. cap., 3,000,000 gals.; 2 pump. eng., cap. min. 2,750 gals.; 50 hyd.; wks. owned by city.

BREWSTER, p. 500; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; vol. 1.

Water Supply—Src., Columbia Riv., 1 m. bus. cent.; sys., grav.; res. cap., 100,000 gals.; 1 pump. eng., class trip., cap. day, 132,480 gals.; mains, wd., 4 to 10 in. dia.; 7 hyd.; 2 v.; pres., dom. 63 lbs., f. 83 lbs.; wks. owned by city.

BRIDGEPORT, p. 500. F. dept.—1 c. eng., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 27 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; mains, 2 m., 4 to 8 in. dia.; 7 hyd.; pres., dom. 35 lbs., f. 35 lbs.; wks. owned by city.

BUCKLEY, p. 1,272; f. area, 600 ft.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. &

l. trk., 1 c. eng., 1 hose cart; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$750; val. bldgs., \$500; tot. mem., 25 vol.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 100,000 gals.; stdp. cap., 375,000 gals.; 1 pump. eng., cap. day 860,000 gals.; mains, stl., 5 m., 4 to 6 in. dia.; 22 hyd.; 50 serv.; pipe, galv. i.; pres., dom. 25 lbs., f. 120 lbs.; wks. owned by city.

BURLINGTON, p. 1,000. F. dept.—2 hose carts, 1,000 ft. hose; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells, cap. 8,000 gals. hour, 1 m. bus. cent.; sys., grav. & dir. pres.; stdp. cap., 100,000 gals., mat. wd.; mains, wd., 1,700 ft., 4 to 8 in. dia.; 9 hyd.; 12 v.; pres., dom. 65 lbs., f. 80 lbs.; wks. owned by city.

BURTON, p. 1,000. F. dept.—Not reported.

Water Supply—Src., spr. & res., $1\frac{1}{2}$ m. bus. cent.; sys., grav.; stdp., dim. 8 x 4, mat. wd.; mains, wd. & i., $3\frac{1}{4}$ m., $\frac{1}{4}$ to 6 in. dia.; 5 hyd.; 60 serv.; pipe, wd. & iron; pres., dom. 10 to 100 lbs., f. 100 lbs.; wks. owned by priv. Co.

CAMAS, p. 1,125. F. dept.—1 hose cart, 1 c. eng., 1,000 ft. hose; 16 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., grav.; res. cap., 800,000 gals.; 2 pump. eng., cap. 750 gals. min.; mains, 6 in. dia.; 4 hyd.; pres., f. 47 lbs.

CASHMERE, p. 625; merc. bldgs., bk. & conc., 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 1 hose reel; hose, cot., rub. lined, gd., 1,050 ft.; rub. gd., 150 ft.; inf., 500 ft.; tot. hose, 1,700 ft.; f. al., tel.; bell; tot. mem., 40 vol.

Water Supply—Src., Wenatchee Riv., 1 m. bus. cent.; sys., grav.; res. cap., 200,000 gals.; 1 pump. eng., cap. day 576,000 gals.; mains, c. i., 2 m., 4 to 8 in. dia.; 13 hyd.; pres., dom. 43 lbs., f. 80 lbs.; wks. owned by city.

CASTLE ROCK, p. 998; bldgs., wd., 1 & 2 stor. F. dept.—2 hand hose carts; 800 ft. hose; 12 vol.

Water Supply—Src., mountain str., 3 m. bus. cent.; sys., grav. & pump to res.; res. cap., 150,000 gals.; mains, iron & wd., $3\frac{1}{2}$ m., 2 to 6 in. dia.; 23 hyd.; 11 v.; met., 5; 150 serv.; pipe, galv. i.; pres., dom. 48 lbs., f. 75 lbs.; cost, \$16,000; cost mtce., \$400; wks. owned by Co.

CATHLAMET, p. 400. F. dept.—1 hand hose cart; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; tot. mem., 12 vol.

Water Supply—Src., creek, $1\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 54,000 gals.; mains, 2 m., 2 to 6 in. dia.; 11 hyd.; pres., dom. 57 lbs.; f. 57 lbs.; wks. owned by city.

CENTRALIA, p. 7,311; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. hose, c. & h. & l. trk., 1 str., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hrs.; hose, cot., rub. lined, gd., 4,400 ft.; f. al., bell; val. equip., \$25,000; val. bldgs., \$4,000; exp. dept., \$7,000; tot. mem., 8, 1 call mem., 7 pd. full time.

Water Supply—Src., riv., $\frac{3}{4}$ m. bus. cent.; sys., pump to res. & dir.; res. cap., 650,000 gals.; 3 pump. eng., class dup., cap. day 2,000,000 gals.; mains, stl. & wd., $5\frac{1}{2}$ m., 4 to 10 in. dia.; 72 hyd.; 44 v.; 600 serv.; pres., dom. 95 lbs., f. 95 to 110 lbs.; cons. day, 800,000 gals.; cost mtce., \$6,000; wks. owned by Co.

CHARLESTON, p. 1,800; f. area, 80 a. F. dept.—2 hose carts, 6 c. hand ex., hooks & ladders; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. dept., equip., \$1,500; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 30 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; 1 pump. eng., cap. day 31,000 gals.; mains, 2 m.; 26 hyd.; 31 v.; 12 serv.; pres., dom. 75 lbs., f. 80 lbs.; cost, \$200,000; cost mtce., \$3,000; wks. owned by priv. Co.

CHEDAN, p. 682. F. dept.—2 hose carts, 700 ft. hose; bell al.; vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav.; 2 res., combined cap. 65,000 gals.; mains, 6 in. dia.; 14 hyd.; pres., f. 50 lbs.; wks. owned by city.

CHEHALIS, p. 4,507; f. area, 300 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 comb. h. & c. wag., 2 hose car.; hose, cot., rub. lined, gd., 2,700 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$1,300; exp. dept., \$118; tot. mem., 17, 3 pd. full time, 14 vol.

Water Supply—Src., riv., 1½ m. bus. cent.; sys., pump to res.; res. cap., 600,000 gals., loc. on hill east of city; 2 pump. eng., class comp., cap. day 3,160,000 gals.; mains, wd., 15 m., 2 to 10 in. dia.; 52 hyd.; 23 v.; 450 serv.; pipe, galv. i.; pres., dom. 85 lbs., f. 80 to 100 lbs.; cons. day, 600,000 gals.; cost, \$55,000; cost mtce., \$6,000; wks. owned by Co.

CHENEY, p. 1,207; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., hooks & ladders, 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,250 ft.; inf., 500 ft.; tot. hose, 2,750 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 25 vol.

Water Supply—Src., lake & wells, 3 m. bus. cent.; sys., pump to res.; res. cap., 300,000 gals.; pump. eng., cap. day 288,000 gals.; mains, wd. & stl., 5 m., 2½ to 8 in. dia.; 28 hyd.; 25 v.; met., 183; 105 serv.; pipe, iron; pres., dom. 80 lbs., f. 80 lbs.; cost, \$50,000; cost mtce., \$2,000; wks. owned by city.

CHEWELAH, p. 823. F. dept.—1 c. eng., 1 hose cart, 600 ft. hose; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., mountain str., 1 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, wd., 2 to 10 in. dia.; 10 hyd.; 14 v.; pres., dom. 45 lbs., f. 90 lbs.

CLARKSON, p. 1,250. F. dept.—2 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 23 vol., pd. on call.

Water Supply—Src., Tillman Creek & Cle Elum Riv., 3½ & 8 m. bus. cent.; sys., grav.; res. cap., 130,000,000 gals.; 1 pump eng., cap. day, 1,440,000 gals.; mains, wd., 22½ m., 4 to 6 in. dia.; 32 hyd.; 47 v.; 1 met.; pres., dom. 70 lbs., f. 80 lbs.; cost, \$100,000; cost mtce., \$300; wks. owned by city.

CLE ELUM, p. 2,749; f. area, ½ sq. m. F. dept.—4 hose carts, 1 h. & l. trk.; hose, 3,000 ft.; f. al., bells & wh.; val. equip., \$2,220; val. bldgs., \$4,200; exp. dept., \$100; tot. mem., 40, gd. part time; undrs. rating, fourth class.

Water Supply—Src., Tillman Creek & mountain str., sys., grav.; 30 hyd.; mains, 8 m., 4 to 12 in. dia.; pres., 90 lbs.; cost, \$50,000; cost mtce., \$300; wks. owned by city.

COLFAX, p. 2,783; f. area, 22 a.; bldgs., bk. & stn., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,700 ft.; f. al., wh.; val. equip., \$8,000; val. bldgs., \$5,000; exp. dept., \$500; tot. mem., 27, pd. full time 2, vol. 25.

Water Supply—Src., spr., 14½ m. bus. cent.; sys., grav., pump to res.; res. cap., 600,000 gals.; pump. eng., class centrif. elec. comp. & dup., cap. day, 1,600,000 gals.; mains, kalameln, 5 m., 2 to 10 in. dia.; 58 hyd.; 63 v.; 600 met.; 700 serv.; pipe, galv. i.; pres., dom. & f. 85 lbs.; cons. day, 600,000 gals.; cost, \$120,000; cost mtce., \$3,500; wks. owned by city.

COLTON, p. 393. F. dept.—1 hose cart, 300 ft. hose, bell al.; 11 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; res. cap., 152,592 gals.; mains, 4 to 6 in. dia.; 12 hyd.; pres., f. 42 lbs.

COLUMBIA CITY, p. 2,500, under the Seattle f. dept. F. dept.—1 c. eng., 1 h. & l. trk. out-dt. 1 hose cart; hose, 600 ft.; tot. mem., 36 vol.

Water Supply—Src., Seattle mains.

COLVILLE, p. 1,533; f. area, 22 a. F. dent.—4 c. hand ex., 2 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,400 ft.; inf., 200 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$600; exp. dept., \$500; tot. mem., 30 vol.

Water Supply—Src., wells, 2½ m. bus. cent.; sys., grav.; res. cap., 360,000 gals.; 27 hyd.; 24 v.; pres., 145 lbs.

CONCRETE, p. 945. F. dept.—500 ft. hose; 6 vol.

Water Supply—Src., str., 1 m. bus. cent.; sys., grav.; res. cap., 80,000 gals.; mains, wd., 3 m., 4 to 6 in. dia.; 13 hyd.; pres., dom. 80 lbs., f. 90 lbs.; wks. owned by priv. Co.

COSMOPOLIS, p. 1,132; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. eng., 3 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$2,500; exp. dept., \$300; tot. mem., 30 vol.

Water Supply—Src., creek, 1 m. bus. cent.; sys., grav.; stdp. cap., 100,000 gals., mat. wd.; cost, \$15,000; wks. owned by Co.

COUPEVILLE, p. 310; merc. bldgs., wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 24 buckets, 6 ladders, 2 axes & ropes.

Water Supply—No regular sys.

CURLEW, p. 250. F. dept.—1 hand hose cart, 300 ft. hose; vol.

Water Supply—Src., mountain str., 1 m. bus. cent.; sys., grav.; res. cap., 100,000 gals.; mains, wd., 2 to 6 in. dia.; 5 hyd.; pres., dom. 30 lbs.; wks. owned by M. M. Kellehy.

DAVENPORT, p. 1,229; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose carts, &c.; hose, cot., rub. lined, gd., 1,800 ft.; c. 200 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$100; exp. dept., \$400; tot. mem., 75 vol.

Water Supply—Src., spr., in bus. cent.; sys., pump to stdp.; stdp. cap., 65,000 gals., mat. stl.; 2 pump. eng., cap. day 360,000 gals.; mains, wrt. l., 10 m., 2 to 6 in. dia.; 59 hyd.; 40 v.; met., 2; 150 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 80,000 gals.; cost, \$30,000; cost mtce., \$3,000; wks. owned by city.

DAYTON, p. 2,889; f. area, 25 a.; bldgs., wd., stn. & bk., 1½ to 3 stor.; wd. rfs. not perm.; F. dept.—1 str., 1 h. & l. trk., 8 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 3,400 ft.; f. al., bells; val. equip., \$8,000; val. bldgs., \$4,000; exp. dept., \$350; tot. mem., 125, pd. full time 1, 124 vol.; undrs. rating, third class.

Water Supply—Src., spr., 4½ m. bus. cent.; sys., grav.; 2 res., comb. cap., 890,000 gals.; mains, c. i., 12½ m., 4 to 16 in. dia.; 90 hyd.; 50 v.; 537 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 65 lbs.; cost, \$140,000; cost mtce., \$1,500; wks. owned by city.

DEER PARK, p. 1,200; f. area, 160 a. F. dept.—c. hand ex., 2 hose carts, 1,500 ft. hose; f. al., wh.; val. equip., \$15,000; val. bldgs., \$2,000; exp. dept., \$75; tot. mem., 24 vol.

Water Supply—Src., well, ¾ m. bus. cent.; sys., dir. pres.; 1 pump. eng., cap. day 12,000 gals.; mains, c. l., 3 m., 2 to 6 in. dia.; 39 hyd.; 20 v.; 40 met.; 70 serv.; pres., dom. 90 lbs., f. 140 lbs.; cost, \$16,000; cost mtce., \$240; wks. owned by city.

EATONVILLE, p. 700. F. dept.—1 hose cart; f. al., bell; tot. mem., 14, pd. part time.

Water Supply—Src., Little Marshall Riv., 1 m. bus. cent.; sys., grav. & dir. pres.; res. cap., 200,000 gals.; 2 pump. eng., cap. day 2,880,000 gals.; mains, 2 m., 4 to 14 in. dia.; 27 hyd.; pres., dom. 50 lbs., f. 100 lbs.; wks. owned by city.

EDMONDS, p. 1,114. F. dept.—2 hose carts, 850 ft. hose, bell al.; 10 vol.

Water Supply—Src., str., & spr., 1 m. bus. cent.; sys., grav.; mains, 4 to 8 in. dia.; 23 hyd.; pres., f. 68 lbs.; cost, \$30,000; cost mtce., \$3,000; wks. owned by priv. Co.

ELLENSBURG, p. 4,209; f. area, 600 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 str., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., &c., 2 hrs.; hose, cot., rub. lined, gd., 2,100 ft.; fair, 1,600 ft.; tot. hose, 3,700 ft.; f. al., Gamewell, 8 bx.; val. equip., \$13,000; val. bldgs., \$2,000; exp. dept., \$3,000; tot. mem., 18, pd. full time 4, vol. 14, pd. 32 per call; undrs. rating, third class.

Water Supply—Src., wells, 7 m. bus. cent.; sys., grav. & pump dir.; res. cap., 1,000,000 gals.; 2

pump. eng., cap. day 17,280,000 gals.; mains, 27 m., 4 to 18 in. dia.; 107 hyd.; 146 v.; met., 10; 400 serv.; pres., dom. 85 lbs., f. 180 lbs.; cost, \$175,000; cost mtce., \$3,000; wks. owned by city.

ELMA, p. 1,532; f. area, 9 a.; merc. bldgs., wd., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 3 hose carts; hose, rub., gd., 1,100 ft.; f. al., bell; val. equip., \$1,500; tot. mem., 42 vol.

Water Supply—Src., spr., $\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 315,000 gals., loc. near hillside; 1 pump. eng., cap. day 20,000 gals.; mains, wd., 3 m., 3 to 8 in. dia.; 80 hyd.; 250 serv.; pipe, galv. i.; pres., dom. 46 lbs., f. 60 lbs.; cost, \$12,200; cost mtce., \$100; wks. owned by city.

ENDICOTT, p. 700. F. dept.—1 c. eng., 2 hose carts, 1,000 ft. hose; f. al., bell; tot. mem., 30 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; res. cap., 63,432 gals.; mains, 4 to 6 in. dia.; 21 hyd.; wks. owned by city.

ENUMCLOW, p. 800. F. dept.—2 hose carts, 1 h. & l. trk., 350 ft. hose; bell al.; 36 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; 1 stn. pump. eng., cap. day 792,000 gals.; mains, wd. & l., 5 m., 2 to 10 in. dia.; 11 hyd.; 300 serv.; pres., dom. 45 lbs., f. 90 lbs.; wks. owned by priv. Co.

EVERETT, p. 24,814; f. area, 11 4-5 sq. m.; merc. bldgs., wd., stn., bk., 5 stor.; priv., wd., 8 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. c. & h. wag., 1 comb. h. & l. trk., 2 hose wag., 1 in reserve, 14 hrs.; hose, cot., rub. lined, gd., 5,550 ft.; f. al., Gamewell, 40 bx.; val. equip., \$85,000; val. bldgs., \$8,000; exp. dept. for 1st 6 months, \$20,440; tot. mem., 23, pd. full time 3, 20 pd. part time.

Water Supply—Src., spr., 10 m. bus. cent.; sys., grav., pump to res. & dir.; res. cap., 11,500,000 gals., loc. $\frac{1}{2}$ m. south of station; 3 pump. eng., class elec. & comp. & dup., cap. day 12,000,000 gals.; mains, stl. & wd., 67 m., 6 to 20 in. dia.; 171 hyd.; met., 160; 5,600 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 120 lbs.; cost, \$208,000; wks. owned by Co.

FARMINGTON, p. 500; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., gong.; tot. mem., 14 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; res. cap., 100,000 gals.; 1 pump. eng., cap. day, 63,360 gals.; mains, 4 to 6 in. dia.; 18 hyd.; pres., dom. 55 lbs.; wks. owned by city.

FERNDALE, p. 800. F. dept.—2 hose carts, 600 ft. hose; f. al., bell; 9 vol.

Water Supply—Src., Nooksack Riv., 1 m. bus. cent.; sys., grav. & dir. pres.; stdp. cap., 50,000 gals.; res. cap., 50,000 gals.; 1 pump. eng., cap. day 720,000 gals.; mains, wd., $\frac{1}{4}$ m., 3 to 10 in. dia.; 14 hyd.; 8 v.; 5 met.; 168 serv.; pipe, galv. i.; pres., dom. & f., 57 lbs.; cons. day, 38,000 gals.; cost, \$12,000; wks. owned by city.

FORT WORDEN, p. 750; f. area, 500 a. F. dept.—2 hand c. eng., 3 hose carts, hand ex., ladders, buckets, &c.; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,500; exp. dept., \$90; vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; 16 hyd.; pres., dom. 100 lbs.; f. 100 lbs.; wks. owned by U. S. Government.

GARFIELD, p. 932; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., dir. pres.; res. cap., 152,592 gals.; mains, 2 m., 8 to 10 in. dia.; 21 hyd.; pres., dom. 42 lbs., f. 80 lbs.; wks. owned by city.

GOLD BAR, p. 500; merc. bldgs., wd., 1 to 2½ stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 nozzle, 150 ft. cot., rub. lined, hose; f. al., wh.; vol.

Water Supply—Src., creek, $\frac{1}{4}$ m. bus. cent.; sys., grav.; mains, wd., 3 m., 1 to 8 in. dia.; 7 hyd.; pres., dom. & f., 44 lbs.; wks. owned by G. B. L. & W. Co.

GOLDENDALE, p. 1,203; f. area, 500 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—Ladders & buckets & hooks, 7 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$800; tot. mem., 25 vol.

Water Supply—Src., spr., 12 m. bus. cent.; sys., grav. to res.; 2 res., comb. cap. 840,000 gals.; pump. eng., cap. day 750,000 gals.; mains, 20 m., 4 to 8 in. dia.; 29 hyd.; 250 serv.; pres., f., 150 lbs.; cost, \$20,000; cost mtce., \$600; wks. owned by town.

GRAND VIEW, p. 500; merc. bldgs., bk. & conc., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; vol.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., dir. pres.; stdp. cap., 30,000 gals.; 1 pump. eng., cap. day, 432,000 gals.; mains, wd., 3½ m., 4 to 8 in. dia.; 20 hyd.; 118 met.; 124 serv.; pres., dom. 20 lbs., f. 80 lbs.; cons. day, 12,000 gals.; cost, \$16,000; cost mtce., \$1,000; wks. owned by city.

GRANGER, p. 350; merc. bldgs., bk. & stn., 1 stor.; priv., bk. & wd., 1 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; vol.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 142,000 gals.; 1 pump. eng., cap. day, 180,000 gals.; mains, wd., 4 to 10 in. dia.; 16 hyd.; pres., dom. 35 lbs., f. 70 lbs.; cons. day, 25,000 gals.; cost, \$15,100; cost mtce., \$1,200; wks. owned by city.

GRANITE FALLS, p. 1,000; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand hose carts, 1 c. eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; tot. mem., 15 vol.

Water Supply—Src., res., $\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 6,000,000 gals.; mains, wd., 3½ m., 4 to 12 in. dia.; 21 hyd.; 15 met.; 60 serv.; pres., dom. 70 lbs., f. 120 lbs.; cost, \$14,000; cost mtce., \$500; wks. owned by city.

HAMILTON, p. 406. F. dept.—1 h. & l. trk., 1 hose cart; hose, 1,200 ft.; vol.

Water Supply—Src., res.

HANFORD, p. 300. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 750 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$60; tot. mem., 25 vol.

Water Supply—Src., Columbia Riv., 1 m. bus. cent.; sys., grav. & dir. pres.; res. cap., 75,000 gals.; 1 pump. eng., class trip., cap. day 720,000 gals.; mains, 2 m., 6 to 10 in. dia.; 5 hyd.; 24 v.; 45 serv.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$14,000; cost mtce., \$600; wks. owned by priv. Co.

HARRINGTON, p. 661. F. dept.—2 hose carts, 1 c. eng.; hose, 800 ft.; tot. mem., 17 vol.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; sys., grav.; stdp. cap., 79,000 gals.; 2 pump. eng.; mains, wd., 2,000 ft., 4 to 6 in. dia.; 23 hyd.; pres., 80 lbs.; cons. day, 200,000 gals.; cost, \$22,000; wks. owned by priv. Co.

HATTON, p. 161; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand hose cart; hose, cot., rub. lined, gd., 300 ft.; f. al., bell; vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; stdp. cap., 12,000 gals., mat. wd.; 1 pump. eng., cap. day 50,400 gals.; mains, c. i., 2 m., 2 to 4 in. dia.; 4 hyd.; wks. owned by city.

HILLYARD, p. 3,276; merc. bldgs., bk. & conc., 1 to 3 stor.; priv., bk. & wd., 1 to 2½ stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand hose cart, 1 hand c. tk.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; stdp. cap., 25,000 gals.; 2 pump. eng., cap. day 2,250,000 gals.; mains, wood stave, 2 m., 6 to 10 in. dia.; 26 hyd.; pipe, wd. & stn.; pres., dom. 85 lbs., f. 72 lbs.; wks. owned by municipal.

HOQUIAM, p. 8,171; f. area, 250 a.; merc. bldgs., bk., wd. & conc., 1 to 3 stor.; priv., wd.,

2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. pump. eng. & hose wag., 1 auto. comb. c. & h. wag., 1 str., 1 h. & 1 trk., 3 comb. c. & h. wag., 8 hrs.; hose, cot., rub. lined, gd., 7,500 ft.; f. al., 83 bx., Gamewell; val. equip., \$30,000; val. bldgs., \$15,000; exp. dept., \$15,000; tot. mem., 60, pd. full time 10, vol. 50.

Water Supply—Src., mountain str., 5 m. bus. cent.; sys., pump to res. & grav.; 2 res., comb. cap. 8,000,000 gals., loc. 1 m. from town; 8 pump. eng., class comp. dup., cap. day, 7,500,000 gals.; in reserve, 1 pump. eng., cap. day, 5,000,000 gals.; mains, 25 m., 6 to 14 in. dia.; 112 hyd.; 150 v.; 350 met.; 1,850 serv.; pres. dom. 95 lbs.; f. 100 lbs.; cons. day, 2,000,000 gals.; cost, \$325,000; wks. owned by Co.

ILWACO, p. 1,000; f. area, 35 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose carts, 1 hand pump, ladders, buckets, nozzles, &c.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,200; exp. dept., \$50; tot. mem., 40 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day, 432,000 gals.; mains, 1 m.; 16 hyd.; 7 v.; 150 serv.; pres. dom. & f. 80 lbs.; cost, \$15,000; cost mtce., \$1,000; wks. owned by city.

INDEX, p. 500. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; vol.

Water Supply—Src., mountain str., 1 m. bus. cent.; sys., grav.; res. cap., 12,000 gals.; mains, 1 m., 2 to 8 in. dia.; 4 hyd.; pres. dom. 45 lbs.; f. 45 lbs.; wks. owned by city.

IONE, p. 634; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—Hand hose carts, 1 c. eng., 1,000 ft. hose; f. al., firearms; tot. mem., 14 vol.

Water Supply—Src., mountain str., 1½ m. bus. cent.; res. cap., 6,000,000 gals.; sys., grav.; 2 pump. eng., cap. day 2,000,000 gals.; mains, wd., 3 m., 6 to 16 in. dia.; 11 hyd.; 13 v.; 22 met.; 127 serv.; pres. dom., 65 lbs.; wks. owned by priv. Co.

ISSAQUAH, p. 800. F. dept.—1 hand hose cart, 400 ft. rub. lined hose; f. al., bell; vol.

Water Supply—Src., 2 spr., 1 m. bus. cent.; sys., grav.; res. cap., 15,000 gals.; mains, wd., 4 m., 2 to 8 in. dia.; 25 hyd.; pres. dom. & f. 47½ lbs.; cost mtce., \$825; wks. owned by priv. Co.

KALAMA, p. 816. F. dept.—2 hose carts, 1,250 ft. hose; bell al.; 25 vol.

Water Supply—Src., crk. & riv., 1½ m. bus. cent.; sys., grav.; res. cap., 260,000 gals.; 1 pump. eng., cap. day 240,000 gals.; mains, wd. & iron., 5 m., 4 to 6 in. dia.; 35 hyd.; 12 v.; 206 met.; 242 serv.; pres. dom. 80 lbs.; f. 175 lbs.; cost, \$12,000; cost mtce., \$4,667; wks. owned by priv. Co.

KELSO, p. 2,039. F. dept.—4 hose carts, 1 hand h. & l. trk., 2,700 ft. hose; f. al., bell & tarp.; val. equip., \$3,900; val. bldgs., \$800; exp. dept., \$231; tot. mem., 67 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav.; res. cap., 200,000 gals.; 2 pump. eng., cap. day, 800,000 gals.; mains, wd. & stl., 15 m., 8 to 12 in. dia.; 30 hyd.; 80 v.; 220 met.; 500 serv.; pipe, wd. & stl.; pres. dom. & f. 110 lbs.; cons. day, 800,000 gals.; wks. owned by priv. Co.

KENNEWICK, p. 1,800; merc. bldgs., bk. & conc., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose carts, 1 c. eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., 2 elec. gongs; val. equip., \$2,000; exp. dept., \$1,000; tot. mem., 20 vol.

Water Supply—Src., Columbia Riv., 1 m. bus. cent.; sys., grav.; res. cap., 150,000 gals.; 3 pump. eng., class trip., cap. day 1,814,400 gals.; mains, c. l., 3 m., 6 to 8 in. dia.; 27 hyd.; pres. dom. 45 lbs.; f. 100 lbs.; wks. owned by Co.

KENT, p. 1,908; f. area, 1 a. F. dept.—1 c. eng., 2 hose carts, 1 h. & l. trk.; hose, 1,200 ft.; bell al.; val. equip., \$1,000; val. bldgs., \$450; tot. mem., 20 vol.

Water Supply—Src., spr., sys., grav.; 3 res., comb. cap., 1,500,000 gals.; 27 hyd.; pres., 85

lbs.; cost, \$23,000; cost mtce., \$400; wks. owned by city.

KETTLE FALLS, p. 377. F. dept.—2 hose carts, 1 c. eng., triangle al.; 15 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; res. cap., 396,000 gals.; mains, 4 to 10 in. dia.; 16 hyd.; pres., f., 47 lbs.

KIRKLAND, F. dept. not reported.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 30,000 gals.; mains, c. l. & wd., 2½ m., 4 to 8 in. dia.; cons. day, 3,000 gals.; cost, \$5,000; cost mtce., \$100; wks. owned by priv. Co.

LACONNER, p. 603; f. area, 20 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 4 c. hand ex., 1 c. eng., 1 h. & l. trk., 36 buckets, 1 hose car., 500 ft. hose; f. al., wh.; val. equip., \$1,500; val. bldgs., \$600; tot. mem., 30 vol.

Water Supply—Src., spr.; sys., grav. & pump to stdp.; stdp. cap., 25,000 gals.; pump. eng., cap. day 100,000 gals.; mains, 4 m., 4 to 6 in. dia.; 160 serv.; cost, \$11,000; cost mtce., \$400; wks. owned by Co.

LAKESIDE, p. 222. F. dept.—2 hose carts, 700 ft. hose, bell al.; vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav. & dir. pres.; 2 res., cap. 65,000 gals.; 2 pump. eng., cap. day 864,000 gals.; mains, 6 in. dia.; 14 hyd.

LAMONT, p. 250. F. dept.—2 hose carts, 1,000 ft. hose; f. al., bell; vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; stdp. cap., 100,000 gals.; res. cap., 250,000 gals.; 1 pump. eng., cap. day 96,000 gals.; mains, 4 to 6 in. dia.; 9 hyd.; wks. owned by city.

LATH, p. 339. F. dept.—1 c. eng., 2 hose carts, 1,000 ft. hose; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., well, 1,600 ft. bus. cent.; sys., pump dir.; res. cap., 37,500 gals.; 1 pump. eng., cap. day, 720,000 gals.; mains, wd., 4 to 6 in. dia.; 14 hyd.; pres. dom. 47 lbs.; wks. owned by city.

LEAVENWORTH, p. 1,551; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. h. & l. trk. & h. wag., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 14 vol.

Water Supply—Src., Wenatchee Riv., 1 m. bus. cent.; sys., grav.; 2 res., cap. 188,490 gals. & 146,760 gals.; 3 pump. eng., class simplex & dup., cap. day, 2,253,000 gals.; 83 hyd.; pres. dom. 55 lbs.; f. 90 lbs.; wks. owned by city.

LIND, p. 331; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 1 c. eng.; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; res. cap., 234,000 gals.; 2 pump. eng., cap. day, 1,068,480 gals.; 22 hyd.; pres. dom. 70 lbs.; f. 70 lbs.; wks. owned by city.

LITTLE FALLS, p. 900. F. dept.—3 hand hose carts; hose, cot., rub. lined, gd., 750 ft.; f. al., bell; vol.

Water Supply—Src., mountain str., ¾ m. bus. cent.; sys., grav.; mains, 1 m., 4 to 6 in. dia.; 13 hyd.; wks. owned by city.

LOOMIS, p. 350. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 500 ft.; vol.

Water Supply—Src., well & mountain str., 1 m. bus. cent.; sys., grav.; pres. dom. 78 lbs.; f. 78 lbs.; wks. owned by city.

LYNDEN, p. 1,200; f. area, 10 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 2 hose carts, 1 h. & l. trk., 1,200 ft. hose; f. al., bell; val. equip., \$1,100; val. bldgs., \$300; tot. mem., 25 vol.

Water Supply—Src., well & riv., ½ m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 50,000 gals.; res. cap., 50,000 gals.; 1 pump. eng., cap. day 150,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 24 hyd.; 16 v.; 24 met.; 233 serv.; pipe, galv. i.; pres. dom. & f., 52 lbs.; cons. day, 36,000 gals.; cost, \$20,000; wks. owned by city.

MALDEN, p. 798; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., A. D. T., 6 bx.; val. equip., \$2,775; tot. mem., 30 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; stdp. cap., 48,000 gals., mat. wd.; 1 pump. eng., cap. day 120,000 gals.; mains, c. i., 4 to 6 in. dia.; 16 hyd.; pres., dom. 85 lbs., f. 85 lbs.; wks. owned by town.

MANSFIELD, p. 850. F. dept.—1 hand hose cart; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; res. cap., 54,125 gals.; mains, 1 m., 4 to 6 in. dia.; 15 hyd.; pres., dom. 30 lbs., f. 30 lbs.; wks. owned by city.

MARBLE, p. 50; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand hose carts; hose, 800 ft., good; vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; res. cap., 13,476 gals., loc. on a hill about 2,000 ft. east of merc. district; mains, 6,000 ft., 3 to 6 in. dia.; 7 hyd.; 5 v.; pres., dom. 57 lbs.; wks. owned by city.

MARCUS, p. 600. F. dept.—2 hose carts, 1,000 ft. cot., rub. lined, hose; vol.

Water Supply—Src., Columbia Riv., 1 m. bus. cent.; sys., grav.; res. cap., 250,000 gals.; 1 pump. eng., class trip, cap. day 288,000 gals.; mains, 2 m., 3 to 8 in. dia.; 76 hyd.; 31 v.; wks. owned by city.

MARYSVILLE, p. 1,289; merc. bldgs., bk. & wd., 1 to 3 stor.; no fwks. & combt. ord.; causes of f. inv. F. dept.—800 ft. hose, 2 hose carts, 1 hand h. & l. trk., 1 c. ex.; 10 vol.

Water Supply—Src., lake; sys., grav.; 2 pump. eng., cap. 400 gals. min.; 15 hyd.; pres., dom. 45 lbs.

MEDICAL LAKE, p. 1,730; f. area, 160 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 450 ft.; rub. gd., 450 ft.; inf., 100 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$800; tot. mem., 15 vol.

Water Supply—Src., lake, 2 m. bus. cent.; sys., grav.; res. cap., 600,000 gals.; 2 pump. eng., class trip, cap. day, 1,224,000 gals.; mains, balamein, 2½ m., 4 to 6 in. dia.; 23 hyd.; 10 v.; met., 1; 40 serv.; pres., dom. 84 lbs., f. 110 lbs.; cost, \$14,000; cost mtce., \$1,200; wks. owned by city.

METALINE FALLS, p. 600 a. F. dept.—1 c. eng., 2 hose carts, 1,000 ft. hose; f. al., bell; vol.

Water Supply—Src., lake & creek, in bus. cent.; sys., grav.; 2 pump. eng., cap. day 180,000 gals.; mains, 6,300 ft., 4 to 8 in. dia.; 11 hyd.; 7 v.; 60 serv.; pipe, galv. i.; pres., dom. & f., 100 lbs.; cons. day, 35,000 gals.; cost, \$30,000; cost mtce., \$1,000; wks. owned by priv. Co.

MONROE, p. 1,552; f. area, 160 a. F. dept.—1 comb. h. & l. trk., 3 hose carts, 1 c. eng.; hose, 1,700 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$500; tot. mem., 40, pd. part time.

Water Supply—Src., riv., 1-5 m. bus. cent.; sys., dir. pres. & pumps; res. cap., 1,000,000 gals.; 2 pumps, cap. day, 961,920 gals.; 34 hyd.; 37 v.; 37 met.; 479 serv.; pipe, stl.; pres., dom. & f. 73 to 90 lbs.; mains, wd., 8½ m., 4 to 12 in. dia.; cons. day, 500,000 gals.; cost, \$27,000; cost mtce., \$2,172; wks. owned by priv. Co.

MONTESANO, p. 2,488; f. area, 320 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 3 hose wag.; hose, rub. gd., 1,500 ft.; inf., 1,000 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$3,000; tot. mem., 60 vol.

Water Supply—Src., mountain str., 6 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, wrt. l. & wd., 18 m., 4 to 10 in. dia.; 39 hyd.; 60 v.; 250 met.; 300 serv.; pres., dom. & f. 80 lbs.; cons. day, 250,000 gals.; cost, \$78,000; cost mtce., \$900; wks. owned by Co.

MOUNT VERNON, p. 2,381. F. dept.—1 str., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined,

gd., 1,250 ft.; f. al., bell; tot. mem., 20 vol.; undra. rating, third class.

Water Supply—Src., riv. & spr., ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 12,000 gals.; 2 res., No. 1, cap. 1,500,000 gals., No. 2, cap. 338,000 gals.; 2 pump. eng., class dup., cap. day, 936,000 gals.; mains, wd., 8½ m., 1½ to 8 in. dia.; 52 hyd.; 85 v.; 8 met.; 600 serv.; pipe, wd.; pres., dom. & f. 10 to 79 lbs.; wks. owned by Co.

NEWPORT, p. 1,199; f. area, 120 a. F. dept.—1 h. & l. trk., 2 hose carts, 1 c. eng.; hose, 1,000 ft., extension ladders, &c.; f. al., elec. & bell; val. equip., \$1,000; tot. mem., 18 vol.

Water Supply—Src., spr.; sys., grav.; res. cap., 400,000 gals.; 22 hyd.; mains, 7 m.; pres., 57 lbs.; wks. owned by Co.

NEW WHATCOM, p. 9,185; f. area, 22½ sq. m.; bldgs., wd., bk., stn., 1 to 6 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 comb. c. & h. wag., 9 c. hand ex., 1 c. eng., 2 hose car., 3 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; rub. fair, 900 ft.; inf., 1,300 ft.; tot. hose, 9,100 ft.; f. al., Gamewell, 49 bx.; val. equip., \$8,200; val. bldgs., \$10,300; exp. dept., \$17,000; tot. mem., 15, pd. full time; undra. rating, third class.

Water Supply—Src., lake, 3½ m. bus. cent.; sys., grav.; res. cap., 370,000 gals.; 1 pump. eng., cap. day 432,000 gals.; mains, iron & wd., 5 m., 2 to 24 in. dia.; 108 hyd.; met., 24; 2,275 serv.; pipe, galv.; pres., dom. 60 lbs., f. 95 to 105 lbs.; cons. day 8,560,000 gals.; cost, \$223,000; cost mtce., \$6,000; wks. owned by city.

NORTH BEND, p. 600. F. dept.—1 h. & l. trk., 1 c. eng., 1 hose cart; hose, cot., rub. lined, gd., 400 ft.; c. 100 ft.; tot. hose, 500 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., mountain str., 3 m. bus. cent.; sys., grav.; mains, 4 m., 4 to 14 in. dia.; 10 hyd.; 5 v.; 92 serv.; pres., dom. 45 to 50 lbs., f. 50 lbs.; wks. owned by priv. Co.

NORTHPORT, p. 476. F. dept.—3 hose carts, 1 h. & l. trk., 1,200 ft. hose; bell al.; 10 vol.

Water Supply—Src., creek, 1½ m. bus. cent.; sys., grav.; 2 stdp., combined cap. 7,250,000 gals.; mains, 4 to 6 in. dia.; 17 hyd.; pres., dom. 80 lbs., f. 85 lbs.; wks. owned by priv. Co.

NORTH YAKIMA, p. 14,082; f. area, 1,800 a.; merc. bldgs., stn., bk. & wd., 1 to 7 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. hose & pump. eng., 1 auto. str., 1 aer. h. & l. trk., 1 auto. hose trk., 1 auto. comb. c. & h. wag., 1 auto. c. eng.; hose, cot., rub. lined, gd., 6,000 ft.; rub. gd., 500 ft.; tot. hose, 6,500 ft.; f. al., Gamewell, 29 bx.; val. equip., \$32,000; val. bldgs., \$20,000; exp. dept., \$32,000; tot. mem., 20, pd. full time.

Water Supply—Src., riv., 16 m. bus. cent.; sys., grav., pump to res., to stdp., or dir.; res. cap., 2,000,000 gals.; 5 pump. eng., class dup., cap. day 6,750,000 gals.; mains, c. i. & wd., 52 m., 6 to 18 in. dia.; 147 hyd.; 108 v.; 2,988 serv.; 3,180 met.; pres., dom. 85 lbs., f. 100 lbs.; wks. owned by Pacific Power & Light Co.

OAKESDALE, p. 882; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hose cart; hose, cot., rub. lined, gd., 450 ft.; c., 150 ft.; tot. hose, 600 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells, near bus. cent.; sys., grav.; res. cap., 125,000 gals., loc. 800 ft. west of pump. house; 1 pump. eng., cap. day 72,000 gals.; mains, 800 ft., 4 to 8 in. dia.; 13 hyd.; pres., dom. 35 lbs., f. 85 lbs.; wks. owned by Co.

OAKVILLE, p. 500. F. dept.—1 c. eng., 1 hose cart, 1 h. & l. trk., 600 ft. hose; f. al., bell; val. equip., \$1,500; val. bldgs., \$300; tot. mem., 16 vol.

Water Supply—Src., creek, 1½ m. bus. cent.; sys., grav.; mains, 6 to 8 in. dia.; 10 hyd.; wks. owned by city.

ODESSA, p. 885. F. dept.—2 hose carts, 1,200 ft. hose; bell al.; 17 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; 2 stdps., combined cap. 104,000 gals.; 2 pump. eng., comb. cap. day 720,000 gals.; mains, 4 to 8 in. dia.; 21 hyd.; pres., dom. & f. 67 lbs.

O'KANOGAN, p. 611. F. dept.—1 hose cart, 1

c. eng., 500 ft. hose; bell al.; tot. mem., \$9, pd. Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; res. cap., 150,000 gals.; mains, 8 to 6 in. dia.; 10 hyd.; pres., f. 101 lbs.

OMARK, p. 850. F. dept.—1 hose cart, 700 ft. hose; f. al., gong; tot. mem., 35 vol.

Water Supply—Src., well, in bus. cent.; sys., grav.; res. cap., 112,000 gals.; 1 pump. eng., cap. day 432,000 gals.; mains, wd., 4 to 8 in. dia.; 6 hyd.; wks. owned by city.

OLYMPIA, p. 6,996; f. area, 4,800 a.; merc. bldgs., bk., cem. & wd., 1 to 4 stor.; priv., wd., 1 to 3 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. trk., 1 h. & 1 trk., 1 hose wag, 3 hose carts, 2 hra.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., Gamewell, 17 bx.; val. equip., \$14,000; val. bldgs., \$25,000; exp. dept., \$8,000; tot. mem., 27, pd. full time 4, pd. part time 3, vol. 20; undra. rating, third class.

Water Supply—Src., creek & spr.; sys., pump to res. & dir.; res. cap., 2,700,000 gals., loc. 1 m. east of station; 3 pump. eng., class comp. dup., cap. day 5,000,000 gals.; mains, iron, 20 m., 4 to 14 in. dia.; 88 hyd.; 42 v.; 300 met.; 1,300 serv.; pres., dom. 90 lbs., f. 85 lbs.; cost, \$200,000; cost mtce., \$18,000; wks. owned by Co.

ORIENT, p. 250; f. area, 40 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. ris. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand hose cart, 1 c. eng., 500 ft. hose; f. al., bell; val. equip., \$400; tot. mem., 20 vol.

Water Supply—Src., mountain str., 2 m. bus. cent.; sys., grav.; res. cap., 30,000 gals.; mains, 2 m., 2 to 4 in. dia.; 3 hyd.; 6 v.; pres., dom., 78 lbs.; cons. day, 6,000 gals.; cost, \$6,000; wks. owned by priv. Co.

OROVILLE, p. 800. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav. & dir. pres.; res. cap., 100,000 gals.; 1 pump. eng., cap. min. 350 gals.; mains, 4 to 6 in. dia.; 14 hyd.; 9 v.; pres., dom. 76 lbs., f. 76 lbs.; wks. owned by city.

ORTING, p. 799; f. area, 160 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. ris. perm.; no fwks. ord.; f. inv. F. dept.—1 c. eng., 1 hose cart, 2 c. ex., 120 ft. buckets, 2 extension ladders; hose, rub., gd., 750 ft.; bell al.; val. equip., \$500; val. bldgs., \$100; tot. mem., 86 vol.

Water Supply—Src., spr., 3 1/4 m. bus. cent.; sys., grav.; 2 res., cap. 108,000 gals.; mains, wd., 6 m., 3 to 8 in. dia.; 16 hyd.; 6 v.; pres., 107 lbs.; cons. day, 200,000 gals.; cost, \$15,000; cost mtce., \$250; wks. owned by priv. Co.

ORVILLE, p. 500; f. area, 80 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., c. hand ex.; val. equip., \$1,000; vol.

Water Supply—Src., well, 1/4 m. bus. cent.; sys., dir. pres.; res. cap., 158,000 gals.; 1 pump. eng., class dup., cap. day 504,000 gals.; mains, 3 m., 2 to 6 in. dia.; 15 hyd.; 9 v.; 135 serv.; pres., dom. & f., 87 lbs.; cost, \$20,000; cost mtce., \$1,000; wks. owned by town.

OTHELLO, p. 350. F. dept.—1 c. eng., 1 comb. c. & hose wag, 3 c. hand ex.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$150; exp. dept., \$300; tot. mem., 20 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; res. cap., 72,797 gals.; mains, 1 m., 2 to 8 in. dia.; 5 hyd.; pres., dom. 28 to 45 lbs., f. 50 lbs.; wks. owned by city.

PALOUSE, p. 1,549; f. area, 60 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 1/2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 500 ft.; inf., 700 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$1,100; val. bldgs., \$700; exp. dept., \$50; tot. mem., 40 vol.

Water Supply—Src., str., in bus. cent.; sys., pump to stdp.; stdp. cap., 133,500 gals., dim. 25 x 30; res. cap., 182,150 gals.; 2 pump. eng.,

cap. day, 3,888,000 gals.; mains, wd. & iron, 5 m., 4 to 10 in. dia.; 26 hyd.; 80 v.; met., 250; 250 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 150 lbs.; wks. owned by city.

PASCO, p. 2,088; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 auto. comb. c. & h. wag., 2 c. hand ex., 4 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; f. al., Gamewell; val. equip., \$6,000; exp. dept., \$2,400; tot. mem., 22, pd. full time 1, pd. part time 1, vol. 20.

Water Supply—Src., wells, 1 m. bus. cent.; sys., grav.; mains, c. i., 2 m., 4 to 6 in. dia.; 20 hyd.; pres., dom. 45 lbs., f. 88 lbs.; wks. owned by city.

PELL, p. 838; merc. bldgs., bk. & wd., 1 & 2 stor.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose carts, 500 ft. hose; 20 vol.

Water Supply—Sys., grav., 10 hyd.

POMEROY, p. 1,800; f. area, 8 blocks; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd., 1 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—5 c. hand ex., 1 h. & 1 trk., 5 hose carts; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$750; exp. dept., \$100; tot. mem., 48 vol.

Water Supply—Src., mountain str.; sys., grav. to res.; res. cap., 500,000 gals., loc. 1-5 m. north of town; 1 pump. eng., cap. day, 60,000 gals.; mains, 1 1/2 m., 4 to 6 in. dia.; 25 hyd.; pres., dom. 80 to 85 lbs., f. 200 lbs.; cost, \$10,000; cost mtce., \$50; wks. owned by city.

PORT ANGELES, p. 2,286; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord. F. dept.—Axes, ladders & buckets, 24 c. hand ex., 1 c. eng., 2 cylinders (25 gals.), 1 gas. eng., 1 h. & 1 trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell, 4 bx.; val. equip., \$3,000; val. bldgs., \$2,500; exp. dept., \$230; tot. mem., 18 vol.

Water Supply—Src., str., 3 m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals.; mains, c. i., 3 1/2 m., 2 1/2 to 12 in. dia.; 11 hyd.; 20 v.; met., 5; pipe, galv. i.; pres., dom. 85 lbs., f. 85 lbs.; cost, \$75,000; cost mtce., \$400; wks. owned by Co.

PORT ORCHARD, p. 1,000. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; 25 vol.

Water Supply—Src., Black Jack Creek; sys., grav. & dir. pres.; 1 pump. eng., cap. 250 gals. min.; 2 res., mat. wd., cap. 50,000 gals. each; mains, wd. stove, 6 to 12 in. dia.; 18 hyd.; 8 v.; wks. owned by municipality.

PORT TOWNSEND, p. 4,181; f. area, 15 a.; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str. in reserve, 1 c. eng., 4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 5 hose car., 4 hra.; hose, cot., rub. lined, gd., 3,300 ft.; f. al., Gamewell, 15 bx.; val. equip., \$15,000; val. bldgs., \$12,000; exp. dept., \$3,010; tot. mem., 27, pd. full time 2, 35 vol.

Water Supply—Src., mountain, 20 m. bus. cent.; sys., grav.; 2 res., cap. 5,900,000 gals.; 3 pump. eng., cap. day, 400,000 gals.; mains, wd., iron & stl., 7 m., 4 to 12 in. dia.; 67 hyd.; met., 11; pres., dom. 50 to 90 lbs., f. 125 lbs.; cons. day, 160,000 gals.; cost, \$250,000; cost mtce., \$2,558; wks. owned by Co.

PRESCOTT, p. 502. F. dept.—2 hose carts, 1 hand c. ex., 500 ft. hose; bell al.; vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; res. cap., 54,129 gals.; mains, 4 to 6 in. dia.; 18 hyd.; pres., 20 lbs.

PROSSER, p. 1,298. F. dept.—1 c. eng., 1 h. & 1 trk., 2 hose carts; hose, 1,400 ft.; f. al., bell; tot. mem., 45 vol.

Water Supply—Src., Yakima Riv.; sys., grav. & dir. pres.; pump. eng., cap. 700 gals. min.; res. cap., 440,000 gals.; mains, 1 m., 6 to 8 in. dia.; 26 hyd.; pres., dom. 48 lbs., f. 80 lbs.

PULLMAN, p. 2,602; f. area, 400 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 5 hose car.; hose, cot., rub. lined, gd., 2,450 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$5,000; tot. mem., 16 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res. & dir.; stdp. cap., 70,000 gals.; mat. stl.; res. cap., \$50,000 gals.; 2 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, 6 m., 4 to 10 in. dia.; 42 hyd.; 15 v.; 700 met.; 700 serv.; pres., dom. & f., 100 lbs.; cons. day, 150,000 gals.; cost, \$50,000; cost mtce., \$5,000; wks. owned by city.

PUYALLUP, p. 4,544; f. area, 1,000 a.; merc. bldgs., bk., 1 to 8 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$5,000; tot. mem., 25 vol.; undrs. rating, fourth class.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, wd., 9 m., 2 to 12 in. dia.; 36 hyd.; met., 5; 700 serv.; pipe, iron; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 400,000 gals.; wks. owned by city.

QUINCY, p. 264. F. dept.—1 hose cart, 2 c. eng., 500 ft. hose; bell al.; vol.

Water Supply—Src., stdp., cap. 30,000 gals.; 1 pump. eng., cap. day 57,600 gals.; 6 hyd.

RAYMOND, p. 2,450; merc. bldgs., bk. & wd., 1 to 3 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. eng., 1 h. & 1 trk., 5 hose carts, 4,000 ft. hose; f. al., Gamewell, 4 bx.; tot. mem., 22 vol.

Water Supply—Src., Willapa Riv.; sys., dir. pres.; res. cap., 90,000 gals.; 5 pump. eng., cap. day 1,080,000 gals.; 45 hyd.; pres., dom. 45 to 70 lbs., f. 125 lbs.; wks. owned by city.

REARDON, p. 527. F. dept.—1 c. eng.; vol. Water Supply—None for f. purposes.

RENTON, p. 3,500. F. dept.—1 c. eng., 2 comb. c. & h. wag., 4 c. hand ex., 10 hose carts; hose, cot., rub. lined, gd., 4,000 ft.; f. al., telp.; val. equip., \$5,000; tot. mem., 60 vol.

Water Supply—Src., spr., 3 m. bus. cent.; res. cap., 500,000 gals.; 1 pump. eng., class elec., cap. day 864,000 gals.; mains, 3 m., 4 to 14 in. dia.; 68 hyd.; pres., dom. 55 lbs., f. 85 lbs.

REPUBLIC, p. 999; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., $\frac{1}{4}$ stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., bell & telp.; val. equip., \$2,925; exp. dept., \$2,500; tot. mem., 30 vol.

Water Supply—Src., mountain spr., $\frac{1}{4}$ m. bus. cent.; sys., grav. & pump to res.; stdp. cap., 25,000 gals.; res. cap., 146,000 gals.; 1 pump. eng., class dup.; mains, wd., 1 m., 6 in. dia.; 15 hyd.; met., 6; 105 serv.; pres., dom. 40 lbs., f. 85 to 115 lbs.; cons. day, 35,000 gals.; cost, \$60,000; wks. owned by Co.

RITZVILLE, p. 1,859. F. dept.—1 c. eng., 1 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; inf., 300 ft.; tot. hose, 1,500 ft.; f. al., telp.; tot. mem., 55 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; res. cap., 380,000 gals.; 2 pump. eng., class trip., cap. day, 600,000 gals.; mains, iron, $\frac{3}{4}$ m., 2 to 6 in. dia.; 56 hyd.; 498 met.; 486 serv.; pipe, iron; pres., dom. & f. 54 lbs.; cons. day, 258,000 gals.; cost, \$110,071; cost mtce., \$8,969; wks. owned by city.

ROCKFORD, p. 668. F. dept.—1 hand eng., 1 hose cart, 1 h. & 1 trk., 500 ft. hose. No org. f. dept.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; res. cap., 144,812 gals.; 1 pump. eng., cap. day 72,000 gals.; mains, 4 to 8 in. dia.; 11 hyd.; pres., f. 66 lbs.

ROSALIA, p. 767. F. dept.—3 hose carts, 1 h. & 1 trk., 1,000 ft. hose; bell al.; 30 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; res. cap., 340,000 gals.; 2 pump. eng., cap. day 144,000 gals.; mains, 4 to 8 in. dia.; 23 hyd.; pres., f. 92 lbs.

ROSLYN, p. 3,126; f. area, 60 a.; merc. bldgs., stn., bk. & wd., 1 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose carts, 2 hose sleighs, 1 h. & 1 trk., 3,000 ft. hose; bell & wh. al., 10 bx.; val. equip., \$4,000; val. bldgs., \$8,000; tot. mem., 60 vol.

Water Supply—Src., crk. & spr., 5 m. bus. cent.;

sys., grav.; res. cap., 2,350,000 gals.; 2 pump. eng., class trip., cap. day 1,776,000 gals.; mains, stl., 10 m., 2 to 15 in. dia.; 49 hyd.; 28 v.; met., 35; 950 serv.; pres., dom. 85 lbs., f. 120 lbs.; cost, \$58,000; cost mtce., \$300; wks. owned by city.

SEATTLE, p. 237,194; f. area, 57.92 sq. m.; merc. bldgs., stn. & bk., 3 to 15 stor.; priv., bk. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—15 str., 2 in reserve, 2 c. eng., 7 h. & 1 trk., 2 chief's buggies, 1 in reserve, 3 supply wag., 21 hose wag., 8 in reserve, 7 comb. c. & h. wag., 2 fireboats, 1 water tower, 2 auto. hose wag., 6 chief's auto., 3 auto. comb. c. & h. wag., 1 auto. aer. trk., 1 auto. c. eng., 151 hra.; hose, cot., rub. lined, gd., 98,179 ft.; f. al., Gamewell, 343 bx.; exp. dept., \$570,600; tot. mem., 361, pd. full time.

Water Supply—Src., riv., $2\frac{1}{4}$ m. bus. cent.; sys., grav. & pump to res. to stdp. & dir.; stdp. cap., 2,000,000 gals.; res. cap., 370,102,000 gals.; 6 pump. eng., class trip., comp. dup. & centrif., cap. day, 16,750,000 gals.; mains, c. i., 613 m., 2 to 54 in. dia.; 5,084 hyd.; 4,803 v.; 31,539 met.; 37,918 serv.; pres., dom. 80 lbs., f. 80 to 140 lbs.; cons. day, 25,000,000 gals.; cost, \$11,358,000; cost mtce., \$186,602; wks. owned by city.

SEDRO WOOLLEY, p. 2,129; f. area, 400 a. F. dept.—3 hose carts, 1 c. eng.; hose, 1,700 ft.; bell al.; val. equip., \$1,000; val. bldgs., \$500; vol.

Water Supply—Src., creek; sys., grav.; res. cap., 2,000,000 gals.; 1 stn. pump. eng., cap. day 288,000 gals.; 1 pump. eng., class trip., cap. day 860,000 gals.; 18 hyd.; pres., dom. 45 lbs., f. 75 lbs.; cost mtce., \$1,200; wks. owned by Co.

SHELTON, p. 1,163. F. dept.—4 hose carts, 1,250 ft. hose; bell al.; 15 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; 2 stdp., combined cap. day 300,000 gals., mat. wd.; mains, 6 to 8 in. dia.; 21 hyd.; pres., f. 62 lbs.

SKYKOMISH, p. 300. F. dept.—2 hose wag.; hose, cot., rub. lined, gd., 550 ft.; int., 250 ft.; tot. hose, 800 ft.; f. al., wh.; tot. mem., 12 vol.

Water Supply—Src., mountain str., 1 m. bus. cent.; sys., grav.; res. cap., 180,000 gals.; mains, wd., 2,400 ft., 6 in. dia.; 10 hyd.; pres., f. 125 lbs.; wks. owned by city.

SNOHOMISH, p. 3,244; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 6 c. hand ex., 1 hose wag., 3 hose car., 2 hra.; hose, cot., rub. lined, gd., 2,250 ft.; f. al., bell; val. equip., \$10,500; val. bldgs., \$800; exp. dept., \$270; tot. mem., 35 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav. & pump to res. & dir.; filtration sys., gravel; res. cap., 453,600 gals.; new res. cap., 1,000,000 gals.; 1 elec. pump. eng., cap. day 1,065,000 gals.; mains, wd., $1\frac{1}{2}$ m., 4 to 12 in. dia.; 142 hyd.; 61 v.; 700 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 80 lbs.; cons. day, 450,000 gals.; cost, \$65,000; cost mtce., \$6,000; wks. owned by city.

SOUTH BELLINGHAM, p. 4,228; f. area, 1,000 a.; merc. bldgs., wd., stn., bk., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & 1 trk., 1 aer. trk., 4 hose wag., 4 hose car.; hose, cot., rub. lined, gd., 4,000 ft.; rub., gd., 2,000 ft.; tot. hose, 8,000 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$6,000; exp. dept., \$500; tot. mem., 50 vol.

Water Supply—Src., lake, $2\frac{1}{4}$ m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; mains, c. i., 32 m., 4 to 20 in. dia.; 61 hyd.; 120 v.; met., 25; 1,105 serv.; pipe, wd. & iron; pres., dom. 75 lbs., f. 140 lbs.; cost, \$200,000; cost mtce., \$10,000; wks. owned by Co.

SOUTH BEND, p. 3,023; merc. bldgs., bk. & wd., 1 to 3 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 hose carts, 2 c. hand eng., 2,200 ft. cot., rub. lined, hose; tot. mem., 20 vol.

Water Supply—Src., mountain str., 5 m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; mains, wd. & iron, 16 m., 4 to 10 in. dia.; 19 hyd.; 40 v.; 530 met.; 580 serv.; pipe, wd. & iron; pres., dom. & f. 70 lbs.; cons. day, 350,000 gals.; cost, \$80,000; cost mtce., \$700; wks. owned by Co.

SPOKANE, p. 104,402; f. area, 40 sq. m.; merc. bldgs., bk. & stn., 1 to 14 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. c. eng., 1 auto. comb. c. & h. & l. trk., 7 str., 8 comb. c. & h. wag., 1 c. eng., 2 auto. h. & l. trk., 1 h. & l. trk., 5 auto. hose wag., 1 hose wag., 44 hrs.; hose, cot., rub. lined, gd., 35,000 ft.; f. al., Gamewell, 266 bx.; val. equip., \$226,328; val. bldgs., \$70,000; exp. dept., \$192,543; tot. mem. 130, pd full time.

Water Supply—Src., 3 wells & riv., 5 m. bus. cent.; sys., pump to res., to stdp. & dir.; 6 stdps., combined cap. 2,100,000 gals., dim. 30 x 70, loc. on hill south part of city, mat. stl.; 2 res., cap. 41,500,000 gals.; 15 pump. eng., class dup., cap. day 84,000,000 gals.; mains, c. l. & kalamein, 270 m., 4 to 30 in. dia.; 2,136 hyd.; 2,765 v.; 7,700 met.; 30,000 serv.; pipe, galv. l.; pres., dom. 80 lbs., f. 100 lbs.; cons. day, 30,000,000 gals.; cost, \$4,500,000; cost mtce., \$169,800; wks. owned by city.

SPRAGUE, p. 1,110; merc. bldgs., wd., 2 stor.; priv., same; wd. rfs. not perm. in f. limits; fwks. ord. F. dept.—2 hose carts, 1 c. ex.; hose, rub. gd., 800 ft.; cot., 700 ft.; tot. hose, 1,000 ft.; bell al.; val. equip., \$3,800; val. bldgs., \$7,000; tot. mem., 75 vol.

Water Supply—Src., well, 2 blocks bus. cent.; sys., grav. & pump dir.; res. cap., 250,000 gals.; 2 pump. eng., cap. day 1,116,000 gals.; mains, wd., 8 m., 4 to 10 in. dia.; 36 hyd.; 13 v.; 215 serv.; pres., dom. 55 lbs., f. 80 lbs.; cost, \$20,000; cost mtce., \$2,400; wks. owned by city & Co.

SPRINGDALE, p. 251; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand c. eng., 100 ft. hose; vol.

Water Supply—Src., creek; sys., grav.; stdp. cap., 10,000 gals.; 1 pump. eng.; mains, 2 to 4 in. dia.; 2 hyd.; pres., dom. 29 lbs.

STANWOOD, p. 544. F. dept.—1 hose cart, 1 ext. ladder, 1,000 ft. hose; bell al. No org. f. dept.

Water Supply—Src., riv., 1 m. bus. cent.; sys., dir. pres.; 2 pump. eng., cap. day 360,000 gals.; mains, 6 in. dia.; 8 hyd.; wks. owned by city.

STEVENSON, p. 500. F. dept.—1 hose cart, 1 c. eng., 500 ft. hose; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., mountain strum.; sys., grav.; res. cap., 5,000 gals.; mains, 7,500 ft., 4 in. dia.; 10 hyd.; pres., dom. 60 lbs., f. 123 lbs.; wks. owned by city.

SULTAN, p. 600. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 35 vol.

Water Supply—Src., spr., 5 m. bus. cent.; sys., grav.; res. cap., 101,000 gals.; mains, 3 m., 2 to 6 in. dia.; 16 hyd.; pres., dom. 100 lbs.; f. 125 lbs.; wks. owned by city.

SUMAS, p. 902; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand hose cart, 500 ft. hose; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells; sys., grav.; res. cap., 150,000 gals.; 1 pump. eng.; mains, 4 to 6 in. dia.; 10 hyd.; 10 v.; pres., dom. 58 lbs.

SUMNER, p. 892; bldgs., wd., 2 stor.; wd. rfs. perm.; no f. dept.; undrs. rating, fourth class.

Water Supply—Src., spr.; sys., grav. to & from res.; res. cap., 30,000 gals.; mains, 6 m., 2 to 4 in. dia.; 2 hyd.; 600 serv.; pres., dom. 50 lbs., f. 85 lbs.; wks. owned by Co.; cost, \$10,000; cost mtce., \$700.

SUNNYSIDE, p. 1,379; merc. bldgs., bk. & wd., 1 to 3 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hand c. eng., 1,500 ft. cot., rub. lined, hose; f. al., bell; tot. mem., 14 vol.

Water Supply—Src., well; sys., grav.; res. cap., 250,000 gals.; 1 elec. pump. eng., cap. day 288,000 gals.; mains, wd., 5¼ m., 4 to 8 in. dia.; 23 hyd.; 16 v.; 400 met.; 400 serv.; pres., dom. 40 lbs., f. 80 lbs.; wks. owned by city.

TACOMA, p. 82,972; f. area, 43 sq. m.; merc. bldgs., stn., bk., cem. & wd., 1 to 16 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt.

ord.; causes of f. inv. F. dept.—10 str., 1 c. eng., 1 auto. c. eng., 1 auto. hose wag., 1 auto. comb. c. & h. wag., 1 auto. aer. trk., 1 aer. trk., 20 c. hand ex., 10 hose wag., 8 hose carts, 59 hrs.; hose, cot., rub. lined, gd., 36,900 ft.; c. l., 1,000 ft.; tot. hose, 37,900 ft.; f. al., Gamewell, 133 bx., 86 auxiliary bx., 75 Starr elec. bx.; val. equip., \$216,271; val. bldgs., \$226,731; exp. dept., \$228,799; tot. mem., 131, pd. full time.

Water Supply—Src., creek, 8¼ m. bus. cent.; sys., grav.; 5 res., combined cap., 25,145,000 gals.; pump to res. & stdp.; 3 stdps., combined cap. 1,165,000 gals.; 9 pump. eng., cap. day 16,545,000 gals.; mains, wrt. & c. l., 250.3 m., 2 to 30 in. dia.; 1,317 hyd.; 1,343 met.; 14,466 serv.; 1,154 v.; pipe, galv. l.; pres., 40 to 65 lbs.; cons. day, 15,000,000 gals.; cost, \$2,000,000; cost mtce., \$243,972; wks. owned by city.

TEKOA, p. 1,694. F. dept.—1 h. & l. trk., 5 hose wag.; hose, cot., rub. lined, gd., 1,150 ft.; rub., gd., 200 ft.; ini., 200 ft.; tot. hose, 1,550 ft.; f. al., telp.; val. equip., \$2,000; vol.

Water Supply—Src., artesian wells; sys., grav. & dir. pres., res. cap. 400,000 gals.; 2 pumps; 34 hyd.; 14 v.; mains, kalamein, 4 to 8 in. dia.; cost, \$10,500; wks. owned by city.

TENINO, p. 1,000. F. dept.—2 c. eng., 2 hand hose carts; hose, cot., rub. lined, gd., 1,000 ft.; tot. mem., 40 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; res. cap., 700,000 gals.; 1 pump. eng., cap. day 190,080 gals.; mains, 3 m., 6 to 8 in. dia.; pres., dom. 58 to 82 lbs., f. 100 lbs.; wks. owned by city.

TOPPENISH, p. 1,598; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 3 hose carts; hose, cot., rub. lined, gd., 1,450 ft.; f. al., telp. & bell; tot. mem., 24 vol., pd. \$2 each on call.

Water Supply—Src., well, ¼ m. bus. cent.; sys., dir. pres.; stdp. cap., 18,000 gals., mat. stl.; 2 elec. pump. eng., cap. day, 806,400 gals.; mains, wd. & iron, 7 m., 4 to 8 in. dia.; 46 hyd.; 10 v.; 275 met.; 275 serv.; pres., dom. 45 lbs., f. 90 lbs.; cons. day, 225,000 gals.; cost mtce., \$5,000; wks. owned by city.

UNIONTOWN, p. 426. F. dept.—1 hose cart, 500 ft. hose; bell al. No org. f. dept.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; res. cap., 152,592 gals.; pump. eng., cap. day 288,000 gals.; mains, 6 in. dia.; 14 hyd.; pres., f. 45 lbs.

VANCOUVER, p. 9,300; f. area, 30 a.; merc. bldgs., wd., bk., stn., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 str., 1 auto. comb. c. & h. wag. & h. & l. trk., 1 comb. h. & l. wag., 1 hose wag., 1 hose cart, 5 hrs.; hose, rub. gd., 3,700 ft.; f. al., telp.; val. equip., \$13,500; val. bldgs., \$2,000; exp. dept., \$3,000; tot. mem. 52, pd. full time 4, vol. 48.

Water Supply—Src., spr., 5 m. east bus. cent.; sys., grav. & dir.; 3 res., cap. 1,107,600, 300,000 & 180,000 gals.; 3 pump. eng., cap. day, 2,600,000 gals.; 4 pumps, cap. 500,000 gals.; mains, stl. & wd., 67 m., 2 to 12 in. dia.; 116 hyd.; 800 serv.; pipe, galv. l.; pres., dom. 65 lbs., f. 125 lbs.; cost, \$260,000; wks. owned by Co.

WAITSBURG, p. 1,237; f. area, 10 a.; merc. bldgs., wd., bk., stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—3 hose carts, h. & l.; hose, cot., rub. lined, gd., 850 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; tot. mem., 35 vol.

Water Supply—Src., riv. & spr., 3 m. bus. cent.; sys., grav. & pump to res.; res. cap., 500,000 gals.; 3 pump. eng., cap. day 400,000 gals.; mains, stl. & wd., 6 m., 4 to 8 in. dia.; 35 hyd.; 24 v.; 275 met.; 300 serv.; pres., dom. & f. 60 lbs.; cons. day, 100,000 gals.; cost, \$50,000; cost mtce., \$2,000; wks. owned by city.

WALLA WALLA, p. 19,364; f. area, 20 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 str., 1 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hose car., 12 hrs.; hose, cot., rub. lined, gd., 6,150 ft.; f. al., Gamewell, 52 bx.; val. equip., \$35,000; val. bldgs., \$33,000; exp. dept., \$31,000; tot. mem. 22, pd. full time.

Water Supply—Src., spr., 16 m. bus. cent.; sys.,

grav., pump to res. & stdp.; stdp. cap., 67,000 gals.; mat., wd. & stl.; res. cap., 8,000,000 gals.; 3 pump. eng., cap. day 1,000,000 gals.; mains, kal., 30 m., 2 to 20 in. dia.; 287 hyd.; met., 105; 2,715 serv.; pipe, galv. i.; pres., dom. 12 to 35 lbs.; f. 30 lbs.; cost, \$600,000; cost mtce., \$6,000; wks. owned by city.

WAPATO, p. 400; f. area, 180 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., c. hand ex., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; inf., 200 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$8,000; tot. mem., 10, pd. part time.

Water Supply—Src., well, 1½ blocks bus. cent.; sys., grav.; stdp. cap., 35,000 gals., dim. 20 x 15; mat., wd.; 1 pump. eng., class trip., cap. day 200,000 gals.; mains, wd., 3½ m., 4 to 10 in. dia.; 27 hyd.; 47 v.; met., 30; pres., dom. 27 lbs.; f. 60 lbs.; cons. day, 1,000 gals.; cost, \$17,000; cost mtce., \$200; wks. owned by city.

WASHOUGAL, p. 456. F. dept.—1 hose cart, 500 ft. hose; f. al., bell; 15 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav. & dir. pres.; stdp. cap., 67,566 gals.; mat., wd.; 2 pump. eng., cap. day 596,000 gals.; mains, 4 to 6 in. dia.; 24 hyd.

WASHTUCNA, p. 300. F. dept.—1 hose cart, 1 h. & 1 trk., 550 ft. hose; f. al., bell; 25 vol.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., grav.; res. cap., 274,500 gals.; pump. eng., cap. day 180,000 gals.; mains, wd., 3½ m., 4 to 8 in. dia.; 8 hyd.; 5 met.; 87 serv.; pres., dom. 45 lbs.; f. 65 to 70 lbs.; cost, \$20,330; cost mtce., \$75; wks. owned by City.

WATERVILLE, p. 1,000. F. dept.—1 c. eng., 2 hose carts, 1 h. & 1 trk.; hose, cot., rub. lined, gd., 1,150 ft.; f. al., bell & wh.; tot. mem., 80 vol.

Water Supply—Src., spr. & well, 4½ m. bus. cent.; sys., grav.; stdp. cap., 130,000 gals.; 2 pump. eng., comb. cap. day 180,000 gals.; mains, 9 m., 4 to 8 in. dia.; 19 hyd.; 240 met.; pres., dom. & f., 50 lbs.; cost, \$38,868; cost mtce., \$946; wks. owned by city.

WENATCHEE, p. 4,050; f. area, 1,050 a.; merc. bldgs., bk., stn., conc. & wd., 1 to 4 stor.; priv., bk., stn., conc. & wd., 1 to 3 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 c. hand ex., 1 c. eng., 1 h. & 1 trk., 2 hose car., 4 hrs.; hose, rub. lined, gd., 2,550 ft.; f. al., telp. & Gamewell; val. equip., \$10,000; exp. dept., \$4,000; tot. mem., 43, pd. full time 8, vol. 40; undra. rating, third class.

AMOS, p. 1,000; merc. bldgs., wd., 2 & 3 stor. F. dept.—1 hose reel; hose, cot. jacket, 900 ft.; vol.

Water Supply—Src., 2 drilled wells; sys., grav.; res. cap., 98,750 gals., size 10 x 41, loc. on hillside; 1 pump, class dup., cap. day 96,000 gals.; mains, 1½ m., 4 to 6 in. dia.; 17 hyd.

BELINGTON, p. 1,481. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 800 ft.; f. al., wh.; tot. mem., 40 vol.

Water Supply—Src., mountain spr. & res.; sys., grav. & dir.; res. cap., 1,800,000 gals., loc. 192 ft. above street grade; 1 pump; mains, 5 m., 4 to 8 in. dia.; 38 hyd.; pres., dom. 100 lbs.; f. 100 lbs.

BENTWOOD, p. 7,000. F. dept.—2 comb. c. & h. wag., 20 c. hand ex., 3 hand hose reels, 2 c. wag., 3 hrs., 3,300 ft. hose; f. al., Gamewell, 18 bx. & bell; tot. mem., 93, vol. 90 & 3 pd. men.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; res. cap., 600,000 gals.; 4 pump. eng., class comp. dup., cap. day 10,000,000 gals.; mains, c. l., 7 m., 4 to 12 in. dia.; 36 hyd.; pres., dom. 85 to 100 lbs.; f. 110 lbs.; cons. day 600,000 gals.; wks. owned by priv. Co.

BERKELEY SPRINGS, p. 864; f. area, 35 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2

Water Supply—Src., riv., ¼ m. bus. cent.; sys., grav.; res. cap., 1,054,000 gals.; 2 pump. eng., class trip., cap. day 2,500,000 gals.; mains, wd. & stl., 18 m., 1 to 12 in. dia.; 109 hyd.; 156 v.; met., 411; 1,219 serv.; pipe, galv. i.; pres., dom. 20 to 60 lbs.; f. 60 to 110 lbs.; cons. day, 878,843 gals.; cost, \$183,604; cost mtce., \$8,763; wks. owned by city.

WHITE SALMON, p. 682; f. area, 20 a. F. dept.—1 c. eng., 2 c. hand ex., ladders, buckets, &c., 300 ft. rub. hose; f. al., bell; val. equip., \$600; exp. dept., \$25; vol.

Water Supply—Src., spr.

WILBUR, p. 757. F. dept.—3 hose carts, 1,200 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav. & dir. pres.; res. cap., 200,000 gals.; 2 pump. eng., combined cap. day, 252,000 gals.; mains, 4 to 6 in. dia.; 30 hyd.; pres., f. 50 lbs.

WILSON CREEK, p. 406. F. dept.—1 hose cart, 1 c. tk., 750 ft. hose; f. al., bell; 15 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., grav.; res. cap., 130,000 gals.; 2 pump. eng., cap. day 300,000 gals.; mains, c. l. & wd., 2¼ m., 4 to 8 in. dia.; 14 hyd.; 15 v.; 55 met.; 112 serv.; pres., f., 52½ lbs.; cons. day, 65,000 gals.; cost, \$20,000; wks. owned by city.

WINLOCK, p. 1,400; f. area, 40 a. F. dept.—2 hose carts, 1 c. hand ex., 500 ft. hose; val. equip., \$1,600; val. bldgs., \$3,500; exp. dept., \$500; tot. mem., 16, pd. part time.

Water Supply—Src., wells, in bus. cent.; sys., grav.; 5 pump. eng.; 15 hyd.; mains, 2,500 ft.; pres., dom. & f., 65 lbs.; cost, \$10,000; wks. owned by priv. Co.

WOODLAND, p. 400. F. dept.—1 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 25; pd. 50 cents per call.

Water Supply—Src., Lewis River, 3,500 ft. bus. cent.; sys., grav. & dir. pres.; res. cap., 200,000 gals.; 1 pump. eng., cap. 180 gals. min.; mains, wd. stave, 4 to 8 in. dia.; 24 hyd.; 19 v.; wks. owned by municipality.

YACOLT, p. 400. F. dept.—1 hand hose cart; hose cot., rub. lined, gd., 500 ft.; tot. mem., 18 vol.

Water Supply—Src., mountain strm., 2 m. bus. cent.; sys., grav.; mains, 1 m., 2 to 4 in. dia.; 6 hyd.; pres., dom. 35 to 50 lbs.; f. 112 lbs.; wks. owned by city.

Places with a population of 1,000 or more not reported—Brighton, Burlington, Steilacoom, Wilkeson.

WEST VIRGINIA

stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose carts, buckets, ladders, axes, &c., 1 hose car.; hose, cot., rub. lined, gd., 800 ft.; val. equip., \$1,000; exp. dept., \$50; tot. mem., 31 vol.

Water Supply—Src., spr., in bus. cent.; sys., dir. pres.; res. cap., 5,000 gals.; wks. owned by priv. party.

BLUEFIELD, p. 11,188; f. area, 700 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 & 4 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 4,000 ft.; rub. gd., 500 ft.; tot. hose, 4,500 ft.; f. al., Gamewell, 27 bx.; val. equip., \$20,000; val. bldgs., \$6,000; exp. dept., \$10,000; tot. mem., 12, 4 pd. men, 3 vol.; undra. rating, second class.

Water Supply—Src., spr.; sys., grav., pump to stdp.; stdp. cap., 250,000 gals., dim. 35 x 35; res. cap., 12,000,000 gals., loc. 5 m. east town; 2 pump. eng., class comp. dup., cap. day 1,800,000 gals.; mains, c. l., 26½ m., 8 to 10 in. dia.; 30 hyd.; 33 v.; met., 30; 1,100 serv.; pres., dom. 25 to 70 lbs.; f. 45 to 100 lbs.; cons. day, 1,000,000 gals.; cost, \$180,000; wks. owned by Co.

BRAMWELL, p. 1,458. F. dept.—2 hose reels; hose, rub., 1,000 ft.; f. al., bells; vol.

Water Supply—Src., natural spr.; sys., grav.; res. cap., 13,000,000 gals., loc. in valley 244 ft. above street grade; mains, 4 in.; 10 hyd.; pres., f. 100 lbs.

BUCKHANNON, p. 2,225; f. area, 100 a.; merc. bldgs., wd., bk., 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 4 hose reels, 10 ladders; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$400; val. bldgs., \$50; tot. mem., 55 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; res. cap., 219,000 gals.; 2 pump. eng., class dup., cap. day, 1,200,000 gals.; mains, 10 m., 2 to 8 in. dia.; 53 hyd.; 600 serv.; pres., dom. & f. 90 lbs.; cons. day, 500,000 gals.; cost, \$53,000; wks. owned by priv. corp.

CAIRO, p. 668; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., spr., 350 ft. bus. cent.; sys., pump to res.; res. cap., 2,400 bbls.; pump. eng., class dup., cap. day, 1,500 bbls.; mains, c. & w. l., 4,500 ft., 4 in. dia.; 15 hyd.; pres., dom. 80 lbs., f. 80 lbs.; cons. day, 200 bbls.; cost, \$7,000; cost mtce., \$400; wks. owned by city.

CAMERON, p. 1,660. F. dept.—2 c. hand ex., 2 hose reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 2,150 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$15,000; tot. mem., 100 vol.

Water Supply—Src., wells; sys., pump dir.; res. cap., 160,000 gals., loc. 200 ft. above main street; 1 pump. eng., class trip., cap. day 425,000 gals.; mains, 2½ m., 4 to 8 in. dia.; pres., dom. 110 lbs., f. 125 lbs.

CENTRAL CITY, p. 3,000; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose reels; hose, rub., gd., 1,500 ft.; f. al., wh.; tot. mem., 24 vol.

Water Supply—Src., Huntington waterwks.; sys., grav.; mains, 3 m., 6 & 8 in. dia.; 42 hyd.; pres., 100 lbs.

CEREDO, p. 1,215. F. dept.—8 c. hand ex., 4 ladders, 1 hose cart; hose, cot. jacket, 600 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., deep wells; sys., grav.; res. cap., 271,000 gals., situated 192 ft. above grade; 1 pump. eng., class trip., cap. min., 157 gals.; mains, 2 m., 4 to 8 in. dia.; 21 hyd.; pres., f. 80 lbs.

CHARLESTON, p. 22,996; f. area, 5½ sq. m.; merc. bldgs., bk. & stn., 3 to 12 stor.; frame & iron-clad bldgs. not perm. in f. area; fwks. & combt. ord. F. dept.—8 str., 2 comb. c. & h. wag., 1 c. eng., 1 aer. trk., 12 c. hand ex., 1 h. & l. trk., 8 hose wag., 1 chief's auto., 12 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; rub., gd., 200 ft.; tot. hose, 6,200 ft.; f. al., Gamewell, 29 bx.; tot. mem. 26, pd. full time.

Water Supply—Src., Elk riv., 1 m. bus. cent.; sys., pump to res. & dir.; res. cap., 3,000,000 gals., loc. south of pump. station on elevation; 8 pump. eng., class comp., cap. day 30,504,800 gals.; mains, kalamein & c. i., 45 m., 3 to 20 in. dia.; 180 hyd.; 405 v.; met., 200; 3,500 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 120 lbs.; cons. day, 3,693,000 gals.; cost, \$200,000; cost mtce., \$25,000; wks. owned by Co.

CHARLESTOWN, p. 2,662; f. area, 800 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—2 str., 10 c. hand ex., 1 auto. comb. hose wag., 1 aer. trk., 1 squad auto. with c. tank (in reserve), 1 chief's buggy, 1 supply wag., 2 hose wag. (2 in reserve), 8 hrs.; hose, cot., rub. lined, gd., 5,510 ft.; f. al., Gamewell, 29 bx.; val. bldgs., \$25,000; exp. dept., \$1,250; tot. mem., 150 vol.

Water Supply—Src., spr., ¾ m. bus. cent.; sys., pump to stdp.; stdp. cap., 200,000 gals.; mat., stl.; 3 pump. eng., cap. day 300,000 gals.; mains, iron, 7 m., 2 to 6 in. dia.; 25 hyd.; 450 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 150,000 gals.; cost, \$90,000; cost mtce., \$5,000; wks. owned by priv. Co.

CHESTER, p. 3,184; merc. bldgs., bk. & wd., 2 stor. F. dept.—4 hose reels, 1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 2 hrs.; hose,

cot., rub. lined, gd., 1,000 ft.; rub., gd., 200 ft.; tot. hose, 1,200 ft.; f. al., elec. & bell, 10 bx.; val. equip., \$2,500; val. bldgs., \$1,600; exp. dept., \$600; tot. mem., 24 vol.

Water Supply—Src., Ohio riv.; sys., pump to res. & dir.; res. cap., 1,500,000 gals., elevated 360 ft.; 1 pump. eng., cap. 1,200,000 gals. day; mains, 5 m., 4 & 6 in. dia.; 18 hyd.; pres., dom. & f. 120 lbs.; cost, \$75,000; wks. owned by Co.

CLARKSBURG, p. 9,201; f. area, 500 a.; merc. bldgs., bk., 1 to 7 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 8 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; val. equip., \$2,500; val. bldgs., \$2,600; exp. dept., \$4,000; tot. mem. 60, pd. full time 10, 50 vol.

Water Supply—Src., West Ford riv., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 1,563,780 gals.; mat., conc. & stl.; 6 pump. eng., cap. day 7,000,000 gals.; mains, c. l., 21 m., 4 to 16 in. dia.; 157 hyd.; 256 v.; met., 36; 2,400 serv.; pipe, galv. i. & lead; pres., dom. & f. 110 lbs.; cons. day, 3,000,000 gals.; cost, \$500,000; wks. owned by city.

COALTON, p. 800. F. dept.—3 hose reels; hose, 1,000 ft.; f. al., wh.; val. equip., \$1,000; vol.

Water Supply—Src., Roaring creek; sys., grav.; res. cap., 100,000 gals., elevated 150 ft. above street grade; 1 pump. eng., cap. min. 520 gals.; mains, 1,900 ft., 4 in. dia.; 8 hyd.; 2 met.; pres., dom. & f., 70 lbs.; cost, \$10,000; wks. owned by priv. Co.

DAVIS, p. 2,615. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; tot. mem., 37.

Water Supply—Src., riv. & creek; sys., pump to res.; res. cap., 62,000 gals., loc. 100 ft. above grade; 3 pump. eng., class dup.; mains, 2 m., 4 to 6 in. dia.; 25 hyd.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$3,000; wks. owned by city.

ELKINS, p. 5,260; f. area, 300 a.; merc. bldgs., bk., 2 to 7 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 1,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., tel.; val. equip., \$6,900; val. bldgs., \$3,500; exp. dept., \$1,000; tot. mem., 50 vol.; undrs. rating, third class.

Water Supply—Src., riv.; sys., grav. & pump to res.; res. cap., 250,000 gals.; 2 pump. eng., class dup., cap. day 2,000,000 gals.; mains, 9 m., 4 to 8 in. dia.; 52 hyd.; met., 35; 400 serv.; pres., dom. 40 to 50 lbs., f. 125 to 145 lbs.; cost, \$25,000; cost mtce., \$3,600; wks. owned by city.

FAIRMONT, p. 9,711; f. area, 4.4 sq. m.; merc. bldgs., bk. & stn., 3 to 11 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. auto., 1 chief's auto., 1 h. & l. trk., 2 comb. c. & hose wag., 15 c. hand ex., 2 hose wag., 3 hose reels, 6 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; rub., gd., 500 ft.; inf., 1,500 ft.; tot. hose, 5,500 ft.; f. al., tel.; val. equip., \$12,500; val. bldgs., \$50,000; exp. dept., \$15,000; tot. mem. 47, pd. full time 11, vol. 36.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 18,000,000 gals.; 2 pump. eng., class trip. dup. comp., cap. day 8,000,000 gals.; mains, c. l., 15 m., 3 to 20 in. dia.; 200 hyd.; v.; 2,500 serv.; pipe, lead; pres., dom. 50 to 90 lbs., f. 100 to 120 lbs.; cons. day, 3,000,000 gals.; cost mtce., \$7,000; wks. owned by city.

FOLLANSBEE, p. 2,031. F. dept.—Not reported.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res.; res. cap., 1,500,000 gals.; 1 pump. eng., cap. day, 750,000 gals.; 9 m. c. i. mains, 4 to 8 in. dia.; 17 hyd.; 40 v.; met., 450; 440 serv.; pres., dom. 150 lbs., f. 150 lbs.; cons. day, 30,000 gals.; cost, \$45,000; cost mtce., \$2,000; wks. owned by priv. Co.

GRAFTON, p. 7,563; f. area, 65 a.; merc. bldgs., bk. & wd., 3 & 4 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 5 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 1,800 ft.; tot. hose, 3,800 ft.; f. al., wh.; val. equip., \$2,500; val. bldgs., \$1,000; tot. mem., 65 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 450,000 gals.; dim. 30 x 50; mat., boiler stil.; res. cap., 450,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; 116 hyd.; met., 12; 1,100 serv.; pipe, lead & galv. i.; pres., dom. 100 lbs., f. 150 lbs.; cost, \$80,000; cost mtce., \$7,000; wks. owned by city.

GUYANDOTTE, p. 1,702; f. area, 200 a.; bldgs., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 750 ft.; val. equip., \$2,000; val. bldgs., \$300; tot. mem., 25 vol.

Water Supply—Src., supplied by Huntington Waterwks. Co.; sys., grav., pump to res., to stdp., or dir.; mains, 3 m., 2 to 8 in. dia.; 13 hyd.; 30 v.; 362 serv.; pres., dom. 61 lbs., f. 100 lbs.; wks. owned by priv. Co.

HINTON, p. 3,656; f. area, 960 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car., 2 hose reels; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$150; exp. dept., \$150; tot. mem., 30 vol.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to res.; res. cap., 600,000 gals.; 2 pump. eng., cap. day, 1,500,000 gals.; mains, c. & wrt. i., 6 m., 4 to 8 in. dia.; 58 hyd.; 60 v.; 950 serv.; pipe, galv. i.; pres., dom. & f. 100 lbs.; cons. day, 750,000 gals.; cost, \$30,000; cost mtce., \$10,000; wks. owned by priv. Co.

HUNTINGTON, p. 31,161; f. area, 6½ sq. m.; merc. bldgs., bk. & wd., 3 to 10 stor.; priv., bk., stn., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 auto. chief's car. & squad wag., 2 c. hand ex., 1 aer. trk., 1 comb. c. & h. wag., 4 hose wag., 9 hrs.; hose, cot., rub. lined, gd., 11,000 ft.; f. al., Gamewell, 44 bx.; val. equip., \$18,000; val. bldgs., \$8,000; exp. dept., \$15,000; tot. mem. 33, pd. full time 21, vol. 12.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 3,000,000 gals.; 4 pump. eng., class comp. dup., cap. day, 16,000,000 gals.; mains, c. i., 40 m., 4 to 16 in. dia.; 275 hyd.; 140 v.; 2,800 met.; 6,000 serv.; pres., dom. & f. 120 lbs.; cons. day, 2,500,000 gals.; cost, \$600,000; wks. owned by Co.

KENOVA, p. 992. F. dept.—1 hose reel; hose, cot., 600 ft.; f. al., wh.; tot. mem., 20 vol.

Water Supply—Src., continuation of Catlettsburg, Ky., sys.; mains, 4½ m., 6 & 8 in. dia.; 14 hyd.; pres., dom. & f. 80 lbs.

KEYSER, p. 3,706; f. area, 150 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 auto. hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$6,000; val. bldgs., \$500; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., natural spr., 5 m. bus. cent.; sys., grav.; res. cap., 35,000,000 gals., loc. 4½ m. southeast town; mains, 9 m., 4 to 8 in. dia.; 44 hyd.; 1,500 serv.; pipe, iron; pres., dom. 125 lbs., f. 125 lbs.; cost, \$40,000; cost mtce., \$200; wks. owned by town.

KEYSTONE, p. 2,047; f. area, 15 squares; merc. bldgs. must be bk., stn. or conc. (2 years to comply with these requirements); wd. rfs. not perm. F. dept.—15 hand ex., 4 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.; tot. mem., 27 vol.

Water Supply—Src., well; sys., grav., pump to res. & stdp.; 2 stdps., combined cap. 800,000,000 gals.; mat., conc.; 3 pump. eng., cap. day 144, 271,000 gals.; mains, 6½ m., 4 in. dia.; 20 hyd.

LEWISBURG, p. 803; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., stn. & bk., 8 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 4 hose car.; hose, cot., rub. lined, gd., 900 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 20 vol.

Water Supply—Src., riv.; sys., pump, to 3 tk., 200 ft. above main part of town; cap. tk., 30,000 gals. each; mains, 3 m., 4 to 6 in. dia.; 17 hyd.; pres., dom. 100 lbs., f. 120 lbs.; cost, \$12,000; cost mtce., \$1,650; wks. owned by city.

LITTLETON, p. 712. F. dept.—1 hose reel; hose, cot., 500 ft.; f. al., wh.; vol.

Water Supply—Src., Fish creek; sys., grav.; res. cap., 30,000 gals., loc. on hillside; 1 pump. eng., class dup.; 3-in. mains; 6 hyd.

LOGAN, p. 1,640. F. dept.—2 hose reels; hose, cot. jacket., 1,150 ft.; f. al., wh.; tot. mem., 21 vol.

Water Supply—Src., Guayandotte riv. & strm.; sys., grav.; res. cap., 100,000,000 gals., elevated 225 ft. above st. grade; 3 pump. eng., cap. day, 500,000 gals.; mains, 6,800 ft., 4 in. to 6 in. dia.; 20 hyd.; pres., dom. 90 lbs., f. 100 lbs.; cons. day, 300,000 gals.; cost, \$40,000; cost mtce., \$4,500; wks. owned by priv. Co.

McDOWELL, p. 1,241; f. area, 6 m.; merc. bldgs., stn., bk., wd. F. dept.—Hose, cot., rub. lined, gd., 1,000 ft.; 10 bx.; tot. mem. 12, pd. full time 5, pd. part time 7.

Water Supply—Not reported.

McMECHEN, p. 2,921. F. dept.—6 c. hand ex., 1 h. & l. trk.; vol.

Water Supply—Src., from Benwood & McMechen Consolidated Co.; 10 hyd.

MANNINGTON, p. 2,672; bldgs., wd. & bk., 2, 3 & 4 stor. F. dept.—6 c. hand ex., 3 ladders, 4 hose reels; hose, cot., rub. lined, gd., 4,000 ft.; inf., 1,000 ft.; tot. hose, 5,000 ft.; f. al., wh.; val. equip., \$7,000; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 25 vol.

Water Supply—Src., creek; sys., grav. & pump dir.; stdp. cap., 120,000 gals.; res. cap., 160,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,500,000 gals.; mains, 14 m., 4 in. dia.; 38 hyd.; met., 250; 325 serv.; pres., dom. 100 lbs., f. 125 lbs.; cons. day, 216,000 gals.; cost, \$4,500; cost mtce., \$1,800; wks. owned by city.

MARTINSBURG, p. 10,698; f. area, 3,200 a.; merc. bldgs., stn., bk., wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. h. wag., 1 auto. comb. c. hose & l. trk., 1 h. & l. trk., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,200 ft.; rub. gd., 500 ft.; inf., 500 ft.; tot. hose, 4,200 ft.; f. al., bell; val. equip., \$15,000; val. bldgs., \$5,000; exp. dept., \$4,500; tot. mem., 200, pd. full time 5, pd. part time 10, vol. 185.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day, 4,000,000 gals.; mains, cem. & c. i., 13½ m.; 126 hyd.; 100 v.; 2,200 serv.; pipe, wrt. & galv. i.; pres., dom. 40 lbs., f. 90 lbs.; cons. day, 1,850,000 gals.; cost, \$138,000; cost mtce., \$17,000; wks. owned by Co.

MONONGAH, p. 2,084. F. dept.—1 hose reel, ladders & buckets; hose, cot., rub. lined, gd., 3,000 ft.; f. al., wh.

Water Supply—Src., riv.; sys., grav. & pump to res.; pump. eng., class dup.; mains, 2½ m., 3 & 5 in. dia.; 16 hyd.

MONTGOMERY, p. 1,888; merc. bldgs., bk. & frame. F. dept.—1 comb. c. & h. wag., 1 c. eng., 1 auto. comb. c. & hose wag., 2 hose wag., 4 c. hand ex., 1 hrs.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., wh.; tot. mem., 21, pd. part time.

Water Supply—Src., Great Kanawha riv.; sys., grav. & dir.; res. cap., 67,000 gals., loc. 220 ft. above street grade; 1 pump. eng., class dup., cap. day 518,000 gals.; mains, 12,000 ft., 3 to 6 in. dia.; 20 hyd.; pres., dom. 95 lbs., f. 150 lbs.; wks. owned by Co.

MORGANTOWN, p. 9,150; f. area, 250 a.; merc. bldgs., stn., bk. & wd., 2 to 7 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 5 hose car., 2 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., wh.; val. equip., \$4,000; exp. dept., \$2,250; tot. mem. 23, pd. full time 2, 21 vol.

Water Supply—Src., riv., 2 m. bus. cent.; sys., pump to res. & dir.; stdp. cap., 1,500,000 gals.; res. cap., 1,700,000 gals.; 3 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. i., 10 m., 4 to 8 in. dia.; 36 hyd.; 15 v.; 2,200 serv.; pipe, iron; pres., dom. 95 lbs., f. 125 lbs.; cost, \$235,000; cost mtce., \$1,800; wks. owned by Co.

MOUNDSVILLE, p. 8,918; f. area, 600 a.; merc. bldgs., bk. & stn., 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv.

F. dept.—1 auto. trk., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, 3,100 ft.; f. al., bell; val. equip., \$7,000; tot. mem. 43, pd. full time 2, vol. 40; undrs. rating, third class.

Water Supply—Src., riv., $\frac{3}{4}$ m. bus. cent.; sys., pump dir.; stdp. cap., 151,000 gals., dim. 16 x 100; mat., iron; res. cap., 2,000,000 gals.; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; 46 hyd.; 120 v.; met., 175; 685 serv.; pipe, lead; pres., dom. 80 to 120 lbs., f. 80 to 120 lbs.; cons. day, 352,000 gals.; cost mtce., \$8,000; wks. owned by Co.

NEW CUMBERLAND, p. 1,807; f. area, 500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; no org. f. dept.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 115,000 gals.; pump. eng., cap. day 55,000 gals.; mains, wrt. f., 2 m., 4 to 6 in. dia.; 11 hyd.; 130 serv.; pipe, lead & galv. f.; pres., 107 lbs.; cost, \$8,000; wks. owned by Co.

NEW MARTINSVILLE, p. 2,176; bldgs., wd. & bk.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 8,000 ft.; f. al., bell; tot. mem., 50 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump dir. to mains; stdp. cap., 18,000 barrels; res. cap., 429,000 gals.; 2 pump. eng., class dup., cap. day, 500,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 39 hyd.; 24 v.; 450 serv.; pipe, lead & galv. f.; pres., dom. & f. 110 lbs.; cons. day, 338,333 gals.; cost, \$36,000; cost mtce., \$2,500; wks. owned by city.

PARKERSBURG, p. 17,842; f. area, 2,750 a.; bldgs., bk., 1 to 7 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 3 comb. c. & h. wag., 8 c. hand ex., 1 aer. trk., 1 hose car., 8 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; rub., gd., 600 ft.; tot. hose, 5,600 ft.; f. al., Gamewell, 33 bx.; val. equip., \$45,000; exp. dept., \$15,000; tot. mem. 16, pd. full time.

Water Supply—Src., riv., $\frac{3}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 6,000,000 gals.; 2 pump. eng., class comp., cap. day 10,000,000 gals.; mains, c. i., 30 m., 6 to 20 in. dia.; 331 hyd.; 562 v.; 1,500 met.; pipe, lead; pres., dom. 80 lbs., f. 100 lbs.; cons. day, 2,800,000 gals.; cost, \$456,000; cost mtce., \$16,000; wks. owned by city.

PIEDMONT, p. 2,054; f. area, 300 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 3 & 4 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 hand eng., 1 c. eng., 5 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., wh.; val. equip., \$1,800; val. bldgs., \$16,000; exp. dept., \$25; tot. mem., 200 vol.

Water Supply—Src., riv., 5 m. bus. cent.; sys., grav. & pump to res.; res. cap., 500,000 gals.; 2 pump. eng., class dup., cap. day 1,350,000 gals.; mains, c. i., 5 m., 10 in. dia.; 120 hyd.; 30 v.; 700 serv.; pipe, lead; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 300,000 gals.; cost, \$90,000; cost mtce., \$2,200; wks. owned by town & Co.

POINT PLEASANT, p. 2,045; f. area, 300 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in bus. parts; fwks. ord.; causes of f. inv. F. dept.—2 c. ex., 1 h. & l. trk., 3 hose reels; hose, gd., 3,000 ft.; f. al., wh.; val. equip., \$500; tot. mem., 17 vol.

Water Supply—Src., Ohio riv.; sys., pump to res.; res. cap., 260,000 gals.; pump. eng., cap. day, 600,000 gals.; mains, 5 m.; 35 hyd.; met., 165; 325 serv.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$60,000, including electric light plant; wks. owned by Co.

ROMNEY, p. 1,120; f. area, 90 a.; merc. bldgs., bk., 2 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm. F. dept.—1 hose reel, 1 h. & l. trk., ladders, 600 ft. hose; tot. mem., 20 vol.

Water Supply—Src., mountain spr.; sys., grav.; 2 res., cap. 115,000 gals. each; mains, $5\frac{1}{2}$ m., $\frac{1}{4}$ to 4 in. dia.; 175 hyd.; pres., f. 85 lbs.; cost, \$15,000; cost mtce., \$500; wks. owned by city.

RONCEVERTE, p. 2,157; bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 atm. eng., 1 hose car., 2 hose wag., buckets; hose, cot., gd., 1,000 ft.; f. al., wh.; val. equip., \$3,000; tot. mem., 40.

Water Supply—Src., riv.

ST. MARY'S, p. 1,358. F. dept.—3 hose reels; hose, $2\frac{1}{2}$ in., cot. jacket, gd., 1,700 ft.; tot. mem., 60 vol.

Water Supply—Src., Ohio riv.; sys., grav. & dir.; 2 wd. tk., cap. 64,000 & 100,000 gals., loc. on hill 1 m. pump. station; 1 pump. eng., class trip., cap. day 950,000 gals.; mains, 19,500 ft., 6 to 8 in. dia.; 25 hyd.; pres., dom. 90 lbs., f. 100 lbs.

SALEM, p. 2,169; merc. bldgs., bk., stn. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—Hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., wells; sys., pump to tk.; tk. cap., 90,000 gals., dim. 16 x 24, loc. $\frac{3}{4}$ m. town; 2 pump. eng., class trip., cap. day 672,000 gals.; mains, c. i., $2\frac{3}{4}$ m., 4 in. dia.; 80 hyd.; met., 7; 200 serv.; pipe, lead & iron; pres., dom. 100 lbs., f. 100 lbs.; cost, \$10,000; cost mtce., \$1,500; wks. owned by city.

SHEPHERDSTOWN, p. 1,070; f. area, 125 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. eng., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 700 ft.; rub., gd., 500 ft.; inf., 300 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$8,000; exp. dept., \$50; tot. mem. 50, pd. part time 1, 49 vol.

Water Supply—Src., wells & cisterns; creek runs through town.

SHINNISTON, p. 1,224. F. dept.—Hose, cot. jacket, 1,000 ft.; tot. mem., 20 vol.

Water Supply—Src., West Fork Riv., 500 ft. bus. cent.; sys., grav.; res. cap., 50,000 gals.; 2 pump. eng., cap. hour 20,000 gals. each; mains, 16,000 ft., 4 & 6 in. dia.; 23 hyd.; 54 v.; 52 met.; pres., dom. & f., 115 lbs.; cons. day, 75,000 gals.; cost, \$18,000; cost mtce., \$1,800; wks. owned by priv. Co.

SISTERSVILLE, p. 2,684; f. area, 600 a.; merc. bldgs., bk. & wd.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 7 hose car., reels; hose, cot., rub. lined, 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$800; tot. mem., 150 vol.

Water Supply—Src., Ohio Riv., $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; res. cap., 1,200,000 gals.; 2 pump. eng., class comp. dup. & trip., cap. day 2,000,000 gals.; mains, c. i., 7 m., 4 to 12 in. dia.; 74 hyd.; 30 v.; 23 met.; 1,124 serv.; pres., dom. & f., 130 lbs.; cost mtce., \$4,000; wks. owned by city.

SPENCER, p. 1,224. F. dept.—2 hose reels; hose, rub., $2\frac{1}{2}$ in., gd., 1,500 ft.; vol.

Water Supply—Src., riv.; sys., pump to res. & dir.; res. cap., 700,000 gals.; 2 pump. eng., cap. day 360,000 gals.; mains, c. i., 3 m., 4 to 6 in. dia.; 24 hyd.; 25 v.; 230 met.; pres., dom. & f., 100 lbs.; cons. day, 125,000 gals.; cost, \$25,000; cost mtce., \$5,000; wks. owned by priv. Co.

SUTTON, p. 1,121. F. dept.—2 hose carts; hose, cot. jacket, 250 ft.; f. al., bell; tot. mem., 24 vol.

Water Supply—Src., Elk riv.; sys., grav.; res. cap., 700,000 gals., elevated 300 ft. above grade; 1 pump. eng., cap. day 1,440,000 gals., class dup.; mains, 3 m., 4 & 6 in. dia.; 23 hyd.; pres., dom. & f. 125 lbs.

THOMAS, p. 2,126. F. dept.—6 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; tot. mem., 24 vol.

Water Supply—Src., spr.; sys., pump dir.; res. cap., 171,200 gals.; 3 pump. eng., class dup., cap. 342,400 gals. day; mains, $3\frac{1}{4}$ m., 4 to 6 in. dia.; 80 hyd.; pres., f. 90 to 100 lbs.; cons. day, 75,000 gals.; cost, \$16,000; cost mtce., \$2,000; wks. owned by town.

WEIRTON, p. 2,000. F. dept.—Hose, reel, nozzles, axes, ladders, c. ex.; val. bldgs., \$100; tot. mem., 15 vol.

Water Supply—Src., Ohio riv., 1 m. bus. cent.; sys., pump to stdp.; 3 pump. eng., cap. day 4,000,000 gals.; pres., dom. 60 lbs., f. 140 lbs.; wks. owned by priv. Co.

WELCH, p. 1,526. No f. dept.

Water Supply—Src., well; sys., grav.; tk., 45,000 gals., loc. on hill, 180 ft. high; mains, 4 in. dia.; 12 hyd.; pres., 80 lbs.

WELLSBURG, p. 4,189; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 500 ft.; inf., 500 ft.; tot. hose, 1,000 ft.; f. al., telp.; tot. mem., 25 vol.; undra. ratings, fourth class.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 1,728,000 gals., loc. on side of hill; 3 pump. eng., class dup., cap. day 3,000,000 gals.; mains, c. l., $11\frac{1}{4}$ m., 4 to 10 in. dia.; 62 hyd.; 66 v.; met., 72; 900 serv.; pipe, lead; pres., dom. 120 lbs., f. 120 lbs.; cons. day, 900,000 gals.; cost, \$62,000; cost mtce., \$1,445; wks. owned by city.

WESTON, p. 2,213; f. area, 2 $\frac{1}{4}$ a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—6 hose reels, 3 hand ex.; hose, cot., rub. lined, gd., 2,400 ft.; 50 vol.

Water Supply—Src., riv., sys., pump to res. & dir.; res. cap., 580,000 gals., loc. on hill east of town; 5 pump. eng., class comp. dup., cap. day 5,500,000 gals.; mains, 7 m., 4 to 8 in. dia.; 42 hyd.; met., 30; 400 serv.; pres., dom. 115 lbs., f. 135 lbs.; cons. day, 400,000 gals.; cost, \$60,000; wks. owned by Co.

WHEELING, p. 41,641; f. area, 2,100 a.; merc. bldgs., bk., 1 to 12 stor.; priv. bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 chief's

auto., 5 str., 6 comb. c. & h. wag., 1 c. eng., 20 c. hand ex., 1 h. & l. trk., 1 aer. trk., 3 hose wag. in reserve, 1 chief's wag., 7 exercise & fuel wag., 34 hrs.; hose, cot., rub. lined, gd., 19,000 ft.; f. al., Gamewell, 109 bx.; val. equip., \$80,000; val. bldgs., \$67,000; exp. dept., \$64,542; tot. mem., 51, pd. full time.

Water Supply—Src., riv., 2 m. bus. cent.; sys., pump to res. & dir.; res. cap., 3,600,000 gals.; 4 pump. eng., cap. day, 47,000,000 gals.; mains, c. l., 52 m., 4 to 30 in. dia.; 458 hyd.; met., 102; 10,215 serv.; pipe, lead; pres., dom. 60 lbs., f. 90 lbs.; cons. day, 17,000,000 gals.; cost, \$1,350,000; cost mtce., \$30,000; wks. owned by city.

WILLIAMSON, p. 3,561; frame & iron-clad bldgs. prohibited. F. dept.—6 hose reels, 1 h. & l. trk.; hose, cot. jacket, gd., 2,000 ft.; tot. mem., 24 vol.

Water Supply—Src., Tug Fork, Big Sandy riv.; sys., grav. & dir.; res. cap., 225,000 gals., loc. 180 ft. above street grade; 2 pump. eng., class dup., cap. hour 48,000 gals.; mains, 21,400 ft., 4 to 8 in. dia.; 41 hyd.; pres., dom. 75 lbs., f. 75 to 80 lbs.

Places with a population of 1,000 or more having no organized fire dept.—Ansted, Eagle, Ravenswood, Winona.

Places with a population of 1,000 or more not reported.—Elkhorn, Maybury.

WISCONSIN

ABBOTSFORD, p. 947; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv. wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 400 ft.; inf., 600 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$600; tot. mem., 38 vol.

No waterwks.

ALBANY, p. 669; f. area, 600 a.; merc. bldgs., bk., 1 to 3 stor.; priv. wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. hand ex., 2 hose wag.; hose, rub., gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$800; tot. mem., 40 vol.

Water Supply—Src., Sugar Riv.; sys., pump dir.; stdp. cap., 60,000 gals.; 1 pump. eng.; mains, 5 m., 4 to 6 in. dia.; 25 hyd.; 25 v.; 10 met.; 10 serv.; pipe, c. l.; wks. owned by city.

ALGOMA, p. 2,082; f. area, 80 a.; merc. bldgs., bk., 2 to 4 stor.; priv. bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, 1,600 ft.; rub. gd., 500 ft.; inf., 300 ft.; tot. hose, 2,400 ft.; f. al., bell & wh.; val. equip., \$2,500; exp. dept., \$435; tot. mem., 25, pd. part time.

Water Supply—Src., artesian well, 80 rods bus. cent.; sys., pump dir.; res. cap., 37,000 gals.; 2 pump. eng., cap. day, 1,000,000 gals.; mains, c. l., $3\frac{1}{2}$ m., 4 to 10 in. dia.; 38 hyd.; 45 v.; 204 met.; 204 serv.; pipe, galv. i.; pres., dom. 40 to 45 lbs., f. 80 to 100 lbs.; cons. day, 35,000 gals.; cost, \$50,000; cost mtce., \$400; wks. owned by city.

ALMA, p. 1,101; f. area, 960 a.; bldgs., stn., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 stn. eng., 1 hand eng., 1 h. & l. trk., 2 hose carts, 1 hose wag., 1 heater, 1 hand pump; hose, 1,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,800; exp. dept., \$178; tot. mem., 42 vol.

Water Supply—Src., well; sys., pump to stdp. & dir.; 1 pump. eng., cap. day 144,000 gals.; mains, 6 to 8 in. dia.; pres., 87 lbs.

ALMOND, p. 527; f. area, $1\frac{1}{4}$ sq. m. F. dept.—1 hand c. eng., ladders, axes, pails, &c.; f. al., bell; val. equip., \$800; val. bldgs., \$500; exp. dept., \$50; tot. mem., 25 vol.; undra. ratings, fifth class.

No waterwks.

AMHERST, p. 629. F. dept.—1 h. & l. trk., 2 reels; hose, 1,000 ft.; f. al., bell; tot. mem., 22 vol., pd. full time 1; undra. rating, $\frac{1}{4}$ class.

Water Supply—Src., Waupaco riv.; sys., dir.; 1 pump. eng., cap. day 1,295,000 gals.; mains, 3,120 ft., 6 in. dia.; 12 hyd.; pres., f. 125 lbs.

ANTIGO, p. 7,196; f. area, 1,800 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 5 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car., 3 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 1,000 ft.; tot. hose, 6,000 ft.; f. al., telp. & wh., 1 bx.; val. equip., \$5,500; val. bldgs., \$15,000; exp. dept., \$5,000; tot. mem., 15, pd. part time 7, 8 vol.; undra. rating, third class.

Water Supply—Src., wells, 5 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 150,000 gals., dim. 106 x 16, loc. at station; mat., stl.; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. l., 12 m., 4 to 12 in. dia.; 105 hyd.; 68 v.; met., 8; 678 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 80 to 100 lbs.; cons. day, 525,000 gals.; cost, \$135,000; cost mtce., \$10,000; wks. owned by Co.

APPLETON, p. 16,773; f. area, 1,800 a.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv. wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 5 c. hand ex., 1 h. & l. trk., 1 chief's wag., 3 hose wag., 11 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gaynor, 68 bx.; val. equip., \$20,000; val. bldgs., \$30,000; exp. dept., \$24,000; tot. mem., 20, pd. full time.

Water Supply—Src., riv., wells; sys., pump dir.; res. cap., 2,500,000 gals.; pump. eng., cap. day 8,000,000 gals.; mains, 25 m., 4 to 16 in. dia.; 250 hyd.; met., 500; pres., dom. 60 lbs., f. 80 to 100 lbs.; cost, \$300,000; wks. owned by city.

ARCADIA, p. 1,212; f. area, 200 a.; merc. bldgs., bk., stn., wd., 2 stor.; priv. wd., 2 stor.; wd. rfs. not perm. on new bldgs.; fwks. ord. F. dept.—2 hose carts, 1,300 ft. hose; 31 vol.

Water Supply—Src., well; sys., grav.; res. cap., 175,000 gals.; 28 hyd.; f. pres., 92 lbs.

ARLINGTON, p. 150; merc. bldgs., bk., 1 & 2 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand pump, 1 c. hand ex., 1 aer. trk., 1 hose wag.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$200; tot. mem., 26 vol.

Water Supply—Not reported.

ASHLAND, p. 11,594; f. area, 15,360 a.; merc. bldgs., wd., bk. & stn., 1 to 3 stor.; priv. wd., stn. & bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose carts, 3 hose wag., 10 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 32 bx.; val. equip., \$20,000; val. bldgs., \$15,000; exp. dept., \$15,600; tot. mem., 24, pd. full time 15, pd. part time 9.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump dir.; 3 pump. eng., cap. day 7,000,000 gals.; mains, c. l., 30 m., 6 to 20 in. dia.; 247 hyd.;

180 v.; met., 600; 2,100 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 125 lbs.; cons. day, 1,250,000 gals.; wks. owned by Co.

ATHENS, p. 904. F. dept.—1 gasoline eng., 1 hand eng., 1 c. ex.; hose, 2,000 ft.; f. al., telp., bell; tot. mem., 40 vol.; undrs. rating, 4½ class. Water Supply—Src., cisterns; waterwks. not reported.

AUGUSTA, p. 1,405; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$800; tot. mem., 22 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp. & dir.; mains, c. i., 3 m., 4 to 10 in. dia.; 27 hyd.; pres., dom. 60 lbs.; cost, \$12,500; wks. owned by city.

BALDWIN, p. 584; f. area, 80 a.; merc. bldgs., bk., 1 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose carts, 1,500 ft. hose, pails; f. al., telp. & bell; val. equip., \$1,500; val. bldgs., \$1,200; exp. dept., \$150; tot. mem., 25 vol.

Water Supply—Src., well, 1 block bus. cent.; sys., pump dir.; res. cap., 24,500 gals., loc. end of Main street; pump. eng., cap. day 44,640 gals.; mains, c. i., 2 m., 4 to 6 in. dia.; 23 hyd.; 10 v.; 6 serv.; pipe, galv. i.; pres., dom. 37 lbs., f. 40 lbs.; cost, \$11,541; cost mtce., \$500; wks. owned by village.

BANGOR, p. 692; f. area, 320 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 4 c. ex., 8 hose car.; hose, cot., 400 ft.; f. al., Gamewell, 11 bx.; val. equip., \$1,500; val. bldgs., \$100; exp. dept., \$100; tot. mem., 40 vol.

Water Supply—Src., 2 wells, in bus. cent.; sys., pump to res. & dir.; res. cap., 8,000 gals., loc. cent. village; 2 pump. eng., class dup., cap. day 576,000 gals.; mains, c. i., 15 blocks, 6 in. dia.; 15 hyd.; pres., dom. 20 lbs., f. 110 lbs.; wks. owned by city.

SARABOO, p. 6,324; f. area, 15 a.; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. hand ex., 1 c. eng., 5 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; inf., 600 ft.; tot. hose, 1,800 ft.; f. al., telp.; val. equip., \$2,000; val. bldgs., \$3,500; exp. dept., \$200; tot. mem., 40 vol.; undrs. rating, third class.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 3,000,000 gals., dim. 30 x 60; mat., stl.; 3 pump. eng., cap. day 6,000,000 gals.; mains, c. i., 11½ m., 4 to 12 in. dia.; 121 hyd.; 400 met.; 1,000 serv.; pipe, lead & galv. i.; pres., dom. 75 lbs., f. 104 lbs.; cons. day, 600,000 gals.; cost, \$125,000; cost mtce., \$3,000; wks. owned by city.

BARRON, p. 1,449; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 1 to 2 stor.; priv., stn., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 8 c. hand ex., 1 h. & l. trk., 5 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; inf., 600 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$3,500; exp. dept., \$210; tot. mem., 38 vol.

Water Supply—Src., spr., ½ m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 31,500 gals.; 1 pump. eng., class dup.; mains, iron, 3 m., 4 to 6 in. dia.; 23 hyd.; 125 serv.; pres., dom. 43 lbs., f. 100 lbs.; cons. day, 75,000 gals.; cost, \$5,000; cost mtce., \$500; wks. owned by city.

BAYFIELD, p. 1,689; f. area, 240 a.; bldgs., stn. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh. & bell; val. equip., \$3,000; val. bldgs., \$4,000; tot. mem., 24 vol.

Water Supply—Src., Lake Superior; sys., pump to res.; res. cap., 160,000 gals.; 2 pump. eng., class dup.; mains, 4½ m.; 40 hyd.; met., 40; 325 serv.; pres., dom. 40 to 128 lbs., f. 60 to 140 lbs.; cons. day, 80,000 gals.; cost, \$38,000; wks. owned by city.

BEAVER DAM, p. 6,758; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F.

dept.—1 h. & l. trk., 1 hose cart, 1 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; exp. dept., \$800; tot. mem., 32 vol.

Water Supply—Src., wells & spr., 1½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 200,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 15 m., 4 to 12 in. dia.; 146 hyd.; met., 13; 1,230 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 130 lbs.; cost, \$65,000; wks. owned by Co.

BELGIUM, p. 500. F. dept.—1 c. hand ex., 1 hand eng., 1 hose wag., ladders, buckets, 500 ft. hose; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,900; tot. mem., 24 vol.

Water Supply—Src. res.

BELLEVILLE, p. 414; f. area, 320 a. F. dept.—1 h. & l. trk., 2 hose carts, 1,000 ft. hose; val. equip., \$1,500; tot. mem., 50 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 150,000 gals.; 14 hyd.; mains, 9,649 ft.; pres., dom. 60 lbs., f. 76 lbs.; cost, \$16,100; wks. owned by city.

BELMONT, p. 532; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 750 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$200; tot. mem., 21 vol.

Water Supply—Src., wells; sys., pump to res., cap. 60,000 gals.; 1½ m. mains, 4 to 6 in. dia.; 15 hyd.; 75 serv.; cost, \$6,000; cost mtce., \$40; wks. owned by city.

BELOIT, p. 16,125; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 auto. comb. c. & h. wag., 10 c. hand ex., 1 h. & l. trk., 2 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 350 ft.; tot. hose, 5,350 ft.; f. al., Gamewell, 70 bx.; val. equip., \$30,000; val. bldgs., \$12,000; exp. dept., \$17,000; tot. mem., 16, pd. full time 14, pd. part time 2.

Water Supply—Src., spr. & wells, ½ m. bus. cent.; sys., pump to res. & dir.; stdp. cap., 100,000 gals.; res. cap., 500,000 gals.; 9 pump. eng., cap. day 8,000,000 gals.; mains, c. i. & wrt. i., 26.5 m., 1 in. to 16 in. dia.; 207 hyd.; 2,165 serv.; pipe, lead; pres., dom. 50 lbs., f. 75 to 100 lbs.; wks. owned by Beloit Water, Gas & Electric Co.

BENTON, p. 1,000. F. dept.—1,000 ft. hose; val. equip., \$700; tot. mem., 22 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 25 hyd.; mains, 1½ m.; pres., 45 lbs.; wks. owned by village.

BERLIN, p. 4,636; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 3 c. hand ex., 1 hose wag., 1 hose cart, 4 hrs.; hose, cot., rub. lined, 3,500 ft.; f. al., bell & wh.; val. equip., \$8,500; val. bldgs., \$2,000; tot. mem., 22, pd. full time 2, pd. part time 20.

Water Supply—Src., 2 artesian wells; sys., grav. & pump dir.; res. cap., 3,000,000 gals.; 3 pump. eng., class dup., cap. day 2,000,000 gals.; mains, 9½ m., 4 to 12 in. dia.; 84 hyd.; met., 320; 478 serv.; pres., dom. 45 to 60 lbs., f. 80 to 120 lbs.; cons. day, 170,000 gals.; cost, \$61,000; cost mtce., \$4,258; wks. owned by city.

BLACK CREEK, p. 516; f. area, 180 a.; merc. bldgs., bk. & stn., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose car.; hose, rub. lined, gd., 750 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$3,000; exp. dept., \$100; tot. mem., 24 vol.

Water Supply—Src., 8 res.

BLACK RIVER FALLS, p. 1,917; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 1,400 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$3,500; tot. mem., 40 vol.; undrs. rating, third class.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals., dim. 16 x 100, loc. northwest of city; mat., iron; 3 pump. eng., class, 1 trip, 1 dup., cap. day 1,000,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 24 hyd.; 32 v.; met., 90; 420 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 120,000

gals.; cost, \$35,000; cost mtce., \$1,000; wks. owned by city.

BLOOMER, p. 1,204; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 400 ft.; rub., gd., 500 ft.; tot. hose, 1,900 ft.; f. al., telp. & bell; val. equip., \$1,200; val. bldgs., \$800; exp. dept., \$100; tot. mem., 24 vol.

Water Supply—Src., ponds; sys., pump to stdp. & dir.; pump. eng.; 16 hyd.; pres., f. 90 to 125 lbs.; cost, \$21,000; wks. owned by city.

BOSCOBEL, p. 1,525; f. area, 80 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 2 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,650 ft.; inf., 600 ft.; tot. hose, 2,250 ft.; f. al., bell & wh.; val. equip., \$4,500; val. bldgs., \$2,500; exp. dept., \$250; tot. mem., 154 vol.

Water Supply—Src., well, 4 blocks bus. cent.; sys., dir. pres.; res. cap., 100,000 gals.; 1 pump. eng., class trip., cap. day, 518,400 gals.; mains, c. i., 4 to 8 in. dia.; 50 hyd.; 14 v.; 35 met.; 40 serv.; pipe, c. i.; pres., dom. & f. 80 lbs.; cost, \$24,000; wks. owned by city.

BRANDON, p. 684. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose cart; hose, 500 ft.; f. al., telp., bell; tot. mem., 25 vol.

Water Supply—Src., cisterna.

BRILLION, p. 998; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,400 ft.; inf., 600 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$300; tot. mem., 50 vol.

Water Supply—Src., wells & cisterna.

BRISTOL, p. est. 250; f. area, 40 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 hand eng., 18 c. ex., 1 h. & l. trk., 1 hose cart; hose, cot., 200 ft.; f. al., bell; val. equip., \$300; exp. dept., \$350; tot. mem., 25 vol.

Water Supply—Src., 6 cisterna, holding 200 bbls. each.

BRODHEAD, p. 1,517; bldgs., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell; exp. dept., \$250; tot. mem., 40 vol.

Water Supply—Src., well in cent. of city; sys., pump dir.; pump. eng., cap. day 482,000 gals.; mains, iron, 5 m., 2 to 8 in. dia.; 35 hyd.; 175 serv.; pipe, lead; pres., dom. 40 lbs., f. 120 lbs.; cost, \$20,000; cost mtce., \$1,100; wks. owned by city.

BRUCE, p. 565. F. dept.—1 h. & l. trk., 2 hose reels; hose, 800 ft.; f. al., telp., wh.; tot. mem., 34 vol.; undrs. rating, 4½ class.

Water Supply—Src., well; sys., dir.; res. cap., 50,000 gals.; 1 pump. eng., class dup., cap. day 72,000 gals.; mains, 2½ m., 4 to 8 in. dia.; 8 hyd.; f. pres., 100 lbs.

BURLINGTON, p. 3,212; merc. bldgs., bk. & stn., 2 stor.; priv., bk. & stn., 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., telp.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 45 vol.; undrs. rating, fourth class.

Water Supply—Src., well in cent. city; sys., pump to stdp.; stdp. cap., 80,000 gals., dim. 30 x 30 x 30; pump. eng., cap. day 1,000,000 gals.; mains, c. i., 8½ m., 4 to 8 in. dia.; 60 hyd.; 35 v.; met., 420; 406 serv.; pipe, lead; pres., f. 74 lbs.; cost, \$40,000; wks. owned by city.

BUTTERNUT, p. 717; merc. bldgs., cem. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hand eng., 6 c. ex., 1 h. & l. trk., 1 hose car., force pumps; hose, rub., 700 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$2,000; tot. mem., 47 vol.

Water Supply—Src., wells & cisterna.

CADOTT, p. 765; f. area, 640 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose car., hooks, ladders & axes;

hose, 1,500 ft.; f. al., bell; val. equip., \$850; val. bldgs., \$800; tot. mem., 30 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., grav. & pump to res. & dir.; res. cap., 60,000 gals., loc. edge of cent. of town; pump. eng., cap. day, 800,000 gals.; mains, c. i., 2 m., 4 to 6 in. dia.; 22 hyd.; 10 v.; 2 met.; 120 serv.; pipe, galv. i.; pres., dom. 60 to 70 lbs., f. 80 lbs.; cons. day, 25,000 gals.; cost, \$15,000; cost mtce., \$400; wks. owned by village.

CAMERON, p. 562; f. area, 720 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., bell; val. equip., \$2,100; val. bldgs., \$2,000; tot. mem., 25 vol.; undrs. rating, third class.

Water Supply—Not reported.

CASHTON. F. dept. not reported.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 85,000 gals.; mat., wd.; res. cap., 85,000 gals.; pump. eng., cap. day 40,000 gals.; mains, c. i., 5 m., ¾ to 6 in. dia.; 1 hyd.; 4 v.; met., 14; 200 serv.; pipe, iron; pres., dom. 20 to 30 lbs., f. 125 lbs.; cons. day, 15,000 gals.; cost, \$25,000; cost mtce., \$200; wks. owned by city.

CASSVILLE, p. 890; f. area, 1 sq. m.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—2 hose carts; hose, cot., 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$400; tot. mem., 30 vol.

Water Supply—Src., artesian well, in cent. of town; sys., pump to res., cap. 65,000 gals.; pump. eng., cap. day 750,000 gals.; 2 m. mains, 4 to 6 in. dia.; 26 serv.; pres., 75 to 80 lbs.; cost, \$9,000; wks. owned by city.

CEDARBURG, p. 1,777; f. area, 800 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 gas. eng., 1 h. & l. trk., 2 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; linen, gd., 500 ft.; rub., gd., 200 ft.; inf., 1,400 ft.; tot. hose, 4,100 ft.; f. al., wh. & elec. bell; val. equip., \$8,775; val. bldgs., \$8,000; exp. dept., \$1,675; tot. mem., 68, pd. full time 1. vol. 62; undrs. rating, third class.

Water Supply—Src., creek, in bus. cent.; sys., pump to stdp. & dir.; 1 hyd.; 2 serv.; cost, \$2,500; wks. owned by city.

CEDAR GROVE, p. 500. F. dept.—1 hand pump, 7 c. hand ex., axes, hose, &c.; val. equip., \$300; exp. dept., \$75; tot. mem., 75 vol.

Water Supply—Src., wells & creek.

CHETEK, p. 900; f. area, 80 a. F. dept.—2 hose carts, ladders, axes, etc., 1,400 ft. hose; tot. mem., 21 vol.

Water Supply—Src., well in bus. cent.; sys., pump dir.; 10 hyd.; pres., dom. & f., 65 lbs.; wks. owned by city.

CHILTON, p. 1,580; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; tin rfs.; no fwks. ord. F. dept.—1 str. eng., 1 hand eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell; tot. mem., 60 vol.

Water Supply—Src., riv., res.

CHIPPEWA FALLS, p. 8,893; f. area, 60 a.; bldgs., bk. & stn., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 3 hose wag., 2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 23 bx.; val. equip., \$8,000; val. bldgs., \$13,000; exp. dept., \$1,100; tot. mem., 12, pd. full time 7, vol. 5; undrs. rating, third class.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 365,000 gals.; 8 pump. eng., cap. day 8,000,000 gals.; mains, 18½ m., 6 to 12 in. dia.; 165 hyd.; 56 v.; 150 met.; 1,700 serv.; pres., dom. 80 lbs.; wks. owned by Co.

CLINTON, p. 897; bldgs., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; tot. mem., 30 vol.; undrs. rating, fourth class.

Water Supply—Src., well, 1 block bus. cent.; sys., pump to res., then to stdp.; stdp. cap., 68,000 gals., dim. 20 x 24; mat., wd.; res. cap., 60,000

gals.; pump. eng. cap. day 30,000 gals.; mains, c. i. 3½ m., 4 to 8 in. dia.; 28 hyd.; 15 v.; met. 16; 121 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 21,000 gals.; cost, \$17,000; cost mtce., \$755; wks. owned by city.

CLINTONVILLE, p. 1,747; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. ris. not perm.; fwks. ord.; causes of f. inv. F. dept.—2 stm. eng., 1 h. & l. trk., 2 hose car.; hose, rub., gd., 500 ft.; inf., 800 ft.; cot., 2,000 ft.; inf., 100 ft.; tot. hose, 3,400 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$7,000; exp. dept., \$300; tot. mem., 26 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals., dim. 30 x 12, mat. iron; 1 pump. eng., cap. day, 2,016,000 gals.; mains, c. i., 2½ m., 4 to 10 in. dia.; 29 hyd.; 60 met.; 60 serv.; pres., dom. 65 lbs., f. 140 lbs.; cons. day, 25,000 gals.; cost, \$35,000; cost mtce., \$200; wks. owned by city.

CLYMAN, p. 185; f. area, 85 a.; merc. bldgs., frame, 2 stor.; priv., frame, 1½ to 2 stor.; wd. ris. perm. in f. area. F. dept.—1 water tower; val. bldgs., \$4,000.

COCHRANE, p. 260; f. area, 320 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., conc. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand pump, c. hand ex., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 300 ft.; inf., 200 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$100; tot. mem., 40 vol.

Water Supply—Not reported.

COLBY, p. 869; f. area, 640 a.; bldgs., principally wd., 2 stor.; wd. ris. perm. in f. limits; no fwks. ord. F. dept.—1 h. & l. trk., 1 hose car., 1 hose wag.; hose, linen, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell & wh.; val. equip., \$1,800; val. bldgs., \$700; exp. dept., \$200; tot. mem., 28 vol.

Water Supply—Src., wells & cisterns; 16 hyd.; Electric Light & Waterwks. plant.

COLFAX, p. 701; f. area, 663; merc. bldgs., stn. & wd., 1 & 2 stor.; priv., stn. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., c. hand ex., 1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$200; tot. mem., 25 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals., dim. 17 x 27; 1 pump. eng., cap. day 234,720 gals.; mains, c. i., 6,889 ft.; 2 to 8 in. dia.; 13 hyd.; 21 v.; pipe, c. i.; pres., dom. & f., 50 lbs.; cons. day, 9,500 gals.; cost, \$14,000; cost mtce., \$900; wks. owned by city.

COLUMBUS, p. 2,523; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 c. hand ex., 8 hose carts; hose, cot., rub. lined, 2,600 ft.; f. al., bell & wh.; val. equip., \$6,250; val. bldgs., \$16,000; exp. dept., \$335; tot. mem., 60, pd. part time 1, vol. 59.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 70,000 gals.; 2 pump. eng., cap. day, 1,600,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 52 hyd.; met., 350; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 75,000 gals.; cost, \$53,000; cost mtce., \$2,000; wks. owned by city.

COON VALLEY, p. 1,000; f. area, 640 a. F. dept.—hose carts, hose; val. equip., \$700; tot. mem., 26 vol.

Water Supply—Src., artesian well, in bus. cent.; sys., pump dir.; 1 pump. eng.; 8 hyd.; 12 v.; mains, 2,500 ft.; pres., dom., 85 lbs.; cost, \$3,000; wks. owned by city.

CROSS PLAINS, p. 950; f. area, 240 a. F. dept.—1 h. & l. trk., axes, buckets, 500 ft. hose; val. equip., \$500; val. bldgs., \$300; exp. dept., \$100; tot. mem., 25 vol.

Water Supply—Src., pond & strum., 1 m. bus. cent.; sys., pump; 2 pump. eng.; wks. owned by priv. Co.

CUDAHY, p. 3,691; bldgs., bk. & wd. F. dept.—1 c. eng., 1 h. & l. trk., 1 comb. c. & h. wag., 1 hose car., 5 hrs.; hose, 2,200 ft.; f. al., bell & wh.; tot. mem., 26 vol.

Water Supply—Src., lake; sys., dir. pres.; cap.

day, 5,000,000 gals.; 75 hyd.; city of Milwaukee sends aid in case of f.

CUMBERLAND, p. 1,445; f. area, 250 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 1½ stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh. & telp.; val. equip., 2,000; val. bldgs., \$5,000; tot. mem., 25 vol.; undrs. rating, third class.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to res. & dir.; res. cap., 67,000 gals.; 2 pump. eng., cap. day 3,314,000 gals.; mains, 1½ m., 4 to 8 in. dia.; 17 hyd.; 100 serv.; pres., dom. 41 lbs., f. 150 lbs.; cost, \$15,000; cost mtce., \$600; wks. owned by city.

DALLAS, p. 350; f. area, 40 a. F. dept.—1 c. eng., 1 hose cart, 1 h. & l. trk., 1,500 ft. hose; f. al., bell; val. equip., \$2,000; exp. dept., \$65; tot. mem., 25, pd. \$5.00 year.

Water Supply—Src., pond.

DARLINGTON, p. 1,808; f. area, 160 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn. & wd., 2 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 2 hose carts; hose, cot., rub. lined gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 60, pd. part time.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump to res.; res. cap., 120,000 gals.; pump. eng., cap. day 100,000 gals.; mains, c. i., 3½ m., 4 to 8 in. dia.; 26 hyd.; 9 v.; met., 6; 53 serv.; pipe, wrt. i.; pres., dom. 65 lbs., f. 100 lbs.; cost, \$20,000; cost mtce., \$1,200; wks. owned by city.

DEERFIELD, p. 533; merc. bldgs., bk. & wd., 2 & 3 stor.; wd. ris. not perm. in f. limits; no fwks. ord. F. dept.—1 h. & l. trk., 2 hose car., 1 hose wag.; hose, rub., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$400; tot. mem., 21 vol.

Water Supply—Src., wells; sys., pump to tk.

DE FOREST, F. dept.—Not reported.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 20,000 gals.; mat., wd.; 1 pump. eng., cap. day 37,500 gals.; mains, c. i., 2 to 6 in. dia.; 11 hyd.; 5 v.; 45 serv.; wks. owned by city.

DELAVER, p. 2,450; f. area, 1 m.; merc. bldgs., bk., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. ris. not perm.; fwks. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 1 aer. trk., 8 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 450 ft.; tot. hose, 2,050 ft.; f. al., wh. & bell; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$1,500; tot. mem., 44 vol.; undrs. rating, third class.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals., dim. 20 x 20; pump. eng., class dup., cap. day 140,000 gals.; mains, c. i., 12 m., 4 to 8 in. dia.; 67 hyd.; 9 v.; 420 met.; 422 serv.; pipe, lead & iron; pres., dom. 50 lbs., f. 120 lbs.; cons. day, 85,000 gals.; cost, \$31,000; cost mtce., \$600; wks. owned by city.

DE PERE, p. 4,764; f. area, 2,000 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. ris. not perm.; combt. ord.; causes of f. not inv. F. dept.—1 str., 1 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose reel; hose, cot., rub. lined, 2,000 ft.; f. al., bell & wh.; val. equip., \$6,500; val. bldgs., \$10,000; exp. dept., \$2,000; tot. mem., 20 vol.

Water Supply—Src., wells; sys., pump to res. & stdp.; res. cap., 50,000 gals.; stdp. cap., 50,000 gals.; pump. eng., cap. 500 gals. min.; mains, 104 m., 4 to 12 in. dia.; 91 hyd.; 464 serv.; pres., dom. 60 lbs., f. 65 lbs.; cost, \$73,000; cost mtce., \$4,400; wks. owned by city.

DODGEVILLE, p. 1,791; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. hand ex., 3 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$50; tot. mem., 31 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav. & pump dir.; stdp. cap., 60,000 gals.; res. cap., 60,000 gals.; pump. eng., cap. day 500,000 gals.; mains, iron, 2 m., 4 to 8 in. dia.; 42 serv.; pipe, iron & lead; pres., dom. 60 lbs., f. 200 lbs.; cost, \$20,500; cost mtce., \$200; wks. owned by city.

DURAND, p. 1,503; f. area, 200 a.; merc. bldgs., wd., bk. & stn., 2 stor.; priv., wd., 1½ & 2 stor.;

wd. rfs. not perm. in f. limits. F. dept.—1 str. eng., 1 h. & 1 trk., 2 hose car., 1 supply wag.; hose, 2,000 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$8,000; tot. mem. 35, pd. part time 1, vol. 34; undrs. rating, fourth class.

Water Supply—Src., well, in bus. cent.; sys., grav.; res. cap., 132,000 gals.; 1 pump. eng., cap. day, 360,000 gals.; mains, iron, 3 m., 6 to 8 in. dia.; 31 hyd.; 31 met.; pipe, iron; pres., dom. 80 lbs., f. 95 lbs.; cost, \$22,500; cost mtce., \$300; wks. owned by city.

EAGLE RIVER, p. 1,200; f. area, 1,000 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—8 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh., 2 bx.; val. equip., \$5,515; val. bldgs., \$2,000; exp. dept., \$700; tot. mem. 10, pd. part time.

Water Supply—Src., riv., 500 ft. bus. cent.; sys., pump dir.; pump. eng., cap. day 12,000,000 gals.; mains, sheet i., 2½ m., 6 to 8 in. dia.; 25 hyd.; 100 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 800 lbs.; cost, \$20,000; cost mtce., \$3,500; wks. owned by city.

EATON, p. 300; f. area, 600 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 comb. c. & h. wag., 6 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose reels, 4 hrs.; hose, rub. gd., 300 ft.; inf., 500 ft.; tot. hose, 900 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$200; exp. dept., \$75; tot. mem. 35, pd. full time 15, vol. 20; undrs. rating, fourth class.

Water Supply—Not reported.

EAU CLAIRE, p. 18,310; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. not perm. in f. area. F. dept.—1 str., 4 c. hand ex., 1 h. & 1 trk., 1 auto. comb. c. & h. wag., 3 hose wag., 2 hose car., 14 hrs.; hose, cot., rub. lined, gd., 8,500 ft.; f. al., Gamewell, 39 bx.; val. equip., \$25,000; val. bldgs., \$19,000; exp. dept., \$20,000; tot. mem. 20, pd. full time; undrs. rating, third class.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump dir.; 4 pump. eng., class trip., cap. day 3,000,000 gals.; mains, c. i., 39 m., 4 to 20 in. dia.; 400 hyd.; 260 v.; met., 1,370; 2,745 serv.; pipe, galv. i. & lead; pres., dom. 70 lbs., f. 100 to 130 lbs.; cons. day, 2,500,000 gals.; wks. owned by city.

EDGAR, p. 950; f. area, 28 a. F. dept.—1 c. eng., 1 hose cart, 1 h. & 1 trk., 1,500 ft. hose; val. equip., \$2,800; val. bldgs., \$650; exp. dept., \$190; tot. mem. 23, pd. part time.

Water Supply—Src., cisterna.

EDGERTON, p. 2,613; f. area, 900 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 12 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$4,500; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 33 vol.; undrs. rating, third class.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 120,000 gals., dim. 16 x 80; pump. eng., cap. day 1,500,000 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 40 hyd.; 12 v.; 300 serv.; pres., dom. 65 lbs., f. 100 lbs.; cons. day, 125,000 gals.; cost, \$28,500; cost mtce., \$2,000; wks. owned by city.

ELKHORN, p. 1,707; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—2 c. ex., 1 h. & 1 trk., 2 hose car., 1 water tower; hose, cot., rub. lined, 1,200 ft.; f. al., bell; & wh.; val. equip., \$2,200; val. bldgs., \$3,000; tot. mem., 50 vol.

Water Supply—Src., wells, sys., pump to stdp. & res.; stdp. cap., 75,000 gals., dim. 16 x 50 ft.; mat., str.; 2 res., cap. 100,000 gals. & 30,000 gals.; 2 pumps, cap. day, 150,000 gals. each; mains, c. i., 5 m., 4 to 8 in. dia.; 40 hyd.; 15 v.; met., 300; pres., dom. 55 lbs.; f. 150 lbs.; cons. day, 45,000 gals.; cost, \$25,000; cost mtce., \$5,500; wks. owned by city.

ELLSWORTH, p. 1,005; f. area, 900 a.; bldgs., wd.; wd. rfs. perm. F. dept.—1 str., 1 h. & 1 trk., 2 hose car.; hose, gd., 2,000 ft.; f. al., bell; tot. mem., 70 vol.

Water Supply—Src., well; sys., pump to stdp. & dir.; stdp. cap., 75,000 gals.; 1 pump. eng., cap. 45 gals. min.; mains, 2½ m.; 29 hyd.; met., 124; 227 serv.; cost, \$17,000; wks. owned by village.

ELROY, p. 1,729; bldgs., bk. & stn., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; tot. mem., 24 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, 800 ft. bus. cent.; res. cap., 105,000 bbla.; pump. eng., cap. day 15 bbla. min.; mains, c. i., 5 m., 4 to 6 in. dia.; 21 hyd.; 240 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 70 lbs.; cost, \$16,500; cost mtce., \$1,240; wks. owned by city.

ELMWOOD, p. 700; f. area, 120 a. F. dept.—2 hose carts, 1 h. & 1 trk., buckets; val. equip., \$800; val. bldgs., \$600; exp. dept., \$100; tot. mem., 33 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; 1 pump. eng., cap. day 28,800 gals.; 10 hyd.; 6 v.; mains, 3,000 ft.; pres., dom. & f., 120 lbs.; cost, \$8,000; cost mtce., \$400; wks. owned by city.

EVANSVILLE, p. 2,061; f. area, 600 a.; merc. bldgs., wd., bk., stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. limits; fwks. ord. F. dept.—1 str. eng., 1 hand eng., 6 c. ex., 1 h. & 1 trk., 3 hose car.; hose, cot., gd., 3,000 ft.; rub., fair, 500 ft.; tot. hose, 3,500 ft.; f. al., wh. & telp.; val. equip., \$6,100; val. bldgs., \$8,000; exp. dept., \$500; tot. mem., 35 vol.; undrs. rating, third class.

Water Supply—Src., wells, 1,800 ft. bus. cent.; sys., pump dir.; stdp. cap., 68,000 gals.; 3 pump. eng., cap. day 1,600,000 gals.; mains, c. i., 6 m., 4 to 8 in. dia.; 56 hyd.; 32 v.; 300 met.; 300 serv.; pres., dom. 65 to 75 lbs., f. 125 lbs.; cons. day, 47,000 gals.; cost, \$33,000; wks. owned by city.

FENNIMORE, p. 1,159; f. area, 160 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,200; val. bldgs., \$50; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to res. & dir.; res. cap., 52,000 gals., loc. 50 feet from well; pump. eng., class horizontal high pres.; mains, c. i., 4 m., 4 to 8 in. dia.; 26 hyd.; 98 serv.; pipe, galv. i.; pres., dom. 45 to 50 lbs., f. 90 to 100 lbs.; cost, \$13,000; wks. owned by city.

FLORENCE, p. 1,684; f. area, 80 a.; bldgs., wd., 1 to 3 stor. F. dept.—2 hose car., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 1,500 ft.; inf., 600 ft.; tot. hose, 2,400 ft.; f. al., wh., 10 bx.; val. equip., \$2,000; exp. dept., \$500; tot. mem., 24, pd. full time 1, pd. part time 23; undrs. rating, third class.

Water Supply—Src., lake, 900 ft. bus. cent.; sys., pump dir.; res. cap., 10,000,000 gals.; 2 pump. eng.; mains, iron, 2 m., 4 to 6 in. dia.; 33 hyd.; 146 serv.; pres., dom. 40 lbs., f. 120 lbs.; cons. day, 200,000 gals.; cost, \$12,000; cost mtce., \$2,500; wks. owned by city.

FOND DU LAC, p. 18,797; f. area, 2,560 a.; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 comb. c. & h. wag., 4 c. hand ex., 2 h. & 1 trk., 1 hose wag., 2 hose carts, 1 reel, 9 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; inf., 700 ft.; tot. hose, 7,700 ft.; f. al., Gamewell, 40 bx.; val. equip., \$27,787; val. bldgs., \$18,000; exp. dept., \$35,000; tot. mem. 20, pd. full time.

Water Supply—Src., 7 fountains, ¼ m. bus. cent.; sys., air lift & pump dir.; res. cap., 2,500,000 gals.; 2 pump. eng., comp. cond., cap. day 6,000,000 gals.; mains, c. i., 27 m., 4 to 14 in. dia.; 227 hyd.; 112 v.; met., 1,629; 2,650 serv.; pipe, lead & galv. iron; pres., dom. 25 lbs., f. 90 to 130 lbs.; cons. day, 2,000,000 gals.; wks. owned by city.

FORT ATKINSON, p. 3,877; f. area, 140 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 1½ stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 str., 1 c. eng., 8 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, 2,600 ft.; rub., gd., 250

ft.; inf., 400 ft.; tot. hose, 3,250 ft.; f. al., wh. & Gamewell, 12 bx.; val. equip., \$10,000; val. bldgs., \$7,000; exp. dept., \$800; tot. mem., 58 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, in bus. cent.; sys. pump to stdp.; stdp. cap., 175,000 gals.; res. cap., 43,000 gals.; pump. eng., cap. day, 1,000,000 gals. each; mains, c. i., 8½ m., 4 to 12 in. dia.; 103 hyd.; met., 610; 629 serv.; pres., dom. 55 to 60 lbs., f. 100 lbs.; cons. day, 180,000 gals.; cost, \$68,033; wks. owned by city.

FOUNTAIN CITY, p. 1,081; f. area, 80 a.; merc. bldgs., stn., bk., wd., 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$3,000; tot. mem., 50 vol.; undrs. rating, fourth class.

Water Supply—Src., riv. & wells.

FREDERICK, p. 511; f. area, 4 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh., 1 bx.; val. equip., \$1,500; val. bldgs., \$2,000; tot. mem., 20 vol.

Water Supply—Not reported.

FREDONIA, p. 500; f. area, 25 a.; merc. bldgs., wd., 2 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. perm. F. dept.—1 gas. eng., 1 hand eng., 1 hose car., 1 h. & l. trk.; hose, cot., rub. lined, 1,600 ft.; inf., 300 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$2,750; val. bldgs., \$1,500; exp. dept., \$25; tot. mem., 46 vol.

Water Supply—Src., wells.

FREEDOM, p. 962; merc. bldgs., wd. & bk. F. dept.—1 h. & l. trk., ladders, hooks, axes, &c., 2 hose car.; hose, 900 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., well; sys., grav.; res. cap., 80,000 gals.; pump. eng., cap. min. 240 gals.; wks. owned by city.

FREMONT, p. 406; f. area, 367 a. F. dept.—1 gas. eng., 1 h. & l. trk., 1 hose cart, 1,200 ft. hose; val. equip., \$3,800; val. bldgs., \$1,200; exp. dept., \$400; tot. mem., 37 vol.

Water Supply—Src., riv., in bus. cent.; sys. pump dir.; 1 pump. eng., cap. 365 gals. min.; wks. owned by village.

FRIENDSHIP, p. 500. F. dept.—1 c. eng.; val. equip., \$500; vol. No waterwks.

GALESVILLE, p. 973; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 1 aer. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$5,000; tot. mem., 55 vol.

Water Supply—Src., Beaver Creek; sys., pump dir.; 1 pump. eng., cap. day 168,000 gals.; mains, c. i., 2 m., 4 in. dia.; 24 hyd.; pres., 100 lbs.; cost, \$30,000; cost mtce., \$600; wks. owned by village corporation.

GLENWOOD, p. 954; f. area, 180 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose car., 3 ladders; hose, cot., rub. lined, gd., 850 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$2,500; exp. dept., \$65; tot. mem., 16 vol.

Water Supply—Src., well, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; pump. eng., cap. day 750,000 gals.; mains, iron, 3 m., 4 to 8 in. dia.; 15 hyd.; 100 serv.; pipe, wrt. & galv. i.; pres., dom. 40 lbs., f. 150 lbs.; cost, \$18,000; cost mtce., \$1,200; wks. owned by city.

GRAFTON, p. 1,000; f. area, 640 a. F. dept.—1 gas. eng., 1 h. & l. trk., 2,000 ft. hose; val. equip., \$4,000; val. bldgs., \$4,000; exp. dept., \$200; tot. mem., 50, pd. part time.

Water Supply—Src., riv.

GRAND RAPIDS, p. 6,521; f. area, 1,000 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 2 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 600 ft.; inf., 1,000 ft.; tot. hose, 3,600 ft.; f. al., wh. & teip.; val. equip., \$8,000; val. bldgs., \$1,500; exp.

dept., \$2,600; tot. mem., 31, pd. full time 3, pd. part time 28; undrs. rating, third class.

Water Supply—Src., spr., 1¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 165,000 gals., dim. 26 x 38; mat., stl.; res. cap., 180,000 gals., loc. at station; 3 pump. eng., cap. day 3,080,000 gals.; mains, c. i., 18 m., 1¼ to 12 in. dia.; 110 hyd.; 312 met.; 800 serv.; pipe, lead & iron; pres., dom. 75 to 90 lbs., f. 92 to 120 lbs.; cons. day, 314,723 gals.; cost, \$85,000; cost mtce., \$7,438; wks. owned by city.

GRANTSBURG, p. 721; f. area, 120 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 1 c. ex., 1 h. & l. trk., 2 hose car.; hose, gd., cot., rub. lined, 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$3,100; val. bldgs., \$2,000; exp. dept., \$250; tot. mem., 40 vol.

Water Supply—Src., riv. & cisterna.

GRATIOT, p. 368; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 750 ft.; inf., 400 ft.; tot. hose, 1,150 ft.; f. al., bell; val. equip., \$600; val. bldgs., \$300; tot. mem., 20 vol.

Water Supply—Not reported.

GREEN BAY, p. 25,236; f. area, 1,000 a.; merc. bldgs., bk. & stn., 2 to 6 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 comb. c. & h. wag., 1 c. eng., 8 c. hand ex., 1 h. & l. trk., 2 supply wag., 5 hose car., 3 hose sleds, 10 hrs.; hose, cot., rub. lined, gd., 8,500 ft.; f. al., Gamewell, 58 bx.; val. equip., \$55,000; val. bldgs., \$45,000; exp. dept., \$16,000; tot. mem., 21, pd. full time.

Water Supply—Src., 10 artesian wells, ¼ m. bus. cent.; sys., pump to res.; res. cap., 2,500,000 gals.; 6 pump. eng., cap. day 23,750,000 gals.; mains, iron, 55 m., 6 to 18 in. dia.; 416 hyd.; 545 v.; 1,800 met.; 4,800 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 1,350,000 gals.; cost, \$332,800; cost mtce., \$34,000; wks. owned by Co.

GREENBUSH, p. 300; merc. bldgs., wd. F. dept.—Not reported.

Water Supply—Src., cisterns; sys., pump; res. cap., 100 bbls.

GREEN LAKE, p. 563; f. area, 4 a.; merc. bldgs., 1 & 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—1 c. eng., 13 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 600 ft.; rub., gd., 150 ft.; tot. hose, 750 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$600; tot. mem., 26 vol.

Water Supply—Not reported.

GREENWOOD, p. 665; f. area, 320 a.; bldgs., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., 1,000 ft.; tot. mem., 30 vol.; val. equip., \$300.

Water Supply—Src., well & cistern.

HANCOCK, p. 500; f. area, 150 a. F. dept.—2 hose carts, 1 ladder cart, 600 ft. hose; val. equip., \$750; val. bldgs., \$3,000; exp. dept., \$50; tot. mem., 40 vol.

Water Supply—Src., 5 wells, in bus. cent.; sys., pump dir.; 1 pump. eng., class trip., cap. day 432,000 gals.; 24 hyd.; 5 v.; mains, 5,000 ft.; pres., f., 180 lbs.; cost, \$6,500; cost mtce., \$100; wks. owned by city.

HARTFORD, p. 2,982; f. area, 700 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. trk., 6 c. hand ex., 1 h. & l. trk., 1 tk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 300 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$7,000; exp. dept., \$890; tot. mem., 80 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 65,000 gals.; pump, cap. day, 339,600 gals.; mains, 6 m., 4 to 10 in. dia.; 60 hyd.; pres., f. 80 lbs.; cost, \$50,000.

HARTLAND, p. 728; f. area, 1¼ sq. m.; bldgs., bk. & wd., 1 & 2 stor. F. dept.—1 gasoline eng., 1 h. & l. trk., 1 hose car.; hose, cot., gd., 1,000

ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., wh. & bell; 25 vol.

Water Supply—Src., riv., well & cistern.

HAYWARD, p. 1,864; f. area, 320 a.; bldgs., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 4 hose car.; hose, rub., gd., 1,600 ft.; f. al., bell & telp.; val. equip., \$4,000; val. bldgs., \$4,000; exp. dept., \$700; tot. mem., 20 vol.

Water Supply—Src., riv.; sys., pump dir.; pump. eng., cap. day 2,000,000 gals.; mains, iron, 5 m., 4 to 10 in. dia.; 78 hyd.; 31 v.; pres., dom. 40 lbs., f. 80 lbs.; cost, \$30,000; cost mtce., \$2,000; wks. owned by city.

HIGHLAND, p. 1,096; f. area, 640 a.; bldgs., bk. & wd., 1½ to 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. eng. & hand pump, 2 hand eng., 1 h. & l. trk., 2 hose carts; f. al., bell; hose, cot., 1,000 ft.; val. equip., \$1,350; val. bldgs., \$400; tot. mem., 70 vol.

Water Supply—Src., drilled wells; sys., pump to tk.; tk. cap., \$4,000 gals.; 7 hyd.; cost, \$3,280; wks. owned by city.

HILBERT, p. 572; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 3 c. hand ex., 1 hose reel, 1 hand pump; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 100 ft.; inf., 200 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$5,000; exp. dept., \$500; tot. mem., 30 vol.

Water Supply—Not reported.

HORICON, p. 1,881; merc. bldgs., bk. & stn., 2 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord. F. dept.—1 str., 12 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$6,000; exp. dept., \$350; tot. mem., 60 vol.

Water Supply—Src., Rock riv. & 6 cisterns, cap. 7,000 bbls.; sys., pump to stdp.; stdp. cap., 100,000 gals.; res. cap., 100,000 gals.; mains, 6 1-8 m., 4 to 12 in. dia.; 70 hyd.; 2 pump. eng., class trip.; pres., dom. 80 lbs., f. 150 lbs.; cost, \$51,000.

HORTONVILLE, p. 1,000; f. area, 2,000 a. F. dept.—1 gas. eng., 1,600 ft. hose; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 24 vol.

Water Supply—Src., pond, crk. & res.

HUDSON, p. 2,810; f. area, 40 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car., 2 hand hose reels, 1 hrs.; hose, cot., rub. lined, gd., 2,100 ft.; inf., 500 ft.; tot. hose, 2,600 ft.; f. al., Metropolitan, 7 bx.; val. equip., \$3,500; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 12 vol.; undrs. rating, third class.

Water Supply—Src., well; sys., pump to res.; res. cap., 288,000 gals.; 2 pump. eng., cap. day 2,500,000 gals.; mains, iron, 8¼ m., 6 to 12 in. dia.; 84 hyd.; 35 v.; met., 104; 450 serv.; pres., dom. 80 lbs., f. 95 lbs.; cons. day, 370,000 gals.; cost, \$28,000; cost mtce., \$102,000; wks. owned by city.

HURLEY, p. 2,000; f. area, 80 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., lined, gd., 3,300 ft.; rub., gd., 500 ft.; inf., 1,000 ft.; tot. hose, 4,800 ft.; f. al., elec., 6 bx.; exp. dept., \$4,000; tot. mem., 22, pd. full time 2, 20 vol.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 500,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, 5 m., 4 to 12 in. dia.; 43 hyd.; pres., f. 100 lbs.; wks. owned by Co.

HUTISFORD, p. 615; f. area, 160 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas eng., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 3 hose reels, 1 hand pump; hose, cot., rub. lined, gd., 2,200 ft.; inf., 300 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$3,000; tot. mem., 72 vol.

Water Supply—Src., Rock riv., 1½ blocks bus. cent.

INDEPENDENCE, p. 700; f. area, 250 a. F. dept.—3 hose carts, 1 h. & l. trk., 750 ft. hose;

val. equip., \$1,500; val. bldgs., \$2,000; tot. mem., 35 vol.

Water Supply—Src., 4 wells, in bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 4,000,000 gals.; 24 hyd.; mains, 3 m.; pres., dom. 75 lbs., f. 100 lbs.; cost, \$10,000; cost mtce., \$1,000; wks. owned by city.

IOLA, p. 860; f. area, 400 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; no fwks. ord. F. dept.—1 str., 1 h. & l. trk., 3 hose car.; hose, cot., gd., 1,600 ft.; inf., 500 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$450; exp. dept., \$50; tot. mem., 42 vol.

Water Supply—Src., cisterns.

JACKSON, p. 199; f. area, 40 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 aer. trk., 1 hose car.; f. al., bell; hose, rub., 500 ft.; val. equip., \$450; val. bldgs., \$300; exp. dept., \$75; tot. mem., 30 vol.

Water Supply—Src., wells & cisterns.

JANESVILLE, p. 13,894; f. area, 4,000 a.; merc. bldgs., bk., 2 to 5 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 auto. comb. c. & h. wag., 1 chief's auto. with c. tk., 2 h. & l. trk., 1 aer. trk., 3 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 72 bx.; val. equip., \$25,000; val. bldgs., \$12,000; exp. dept., \$21,500; tot. mem., 22, pd. full time 15, call men 7; undrs. rating, third class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 320,000 gals.; mat., iron; res. cap., 1,000,000 gals.; pump. eng., cap. day 4,000,000 gals.; mains, c. i., 32 1-8 m., ¾ to 16 in. dia.; 808 hyd.; 168 v.; met., 867; 2,328 serv.; pipe, iron; pres., dom. 70 lbs., f. 100 to 120 lbs.; wks. owned by Co.

JEFFERSON, p. 2,582; f. area, 2,560 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, 2,100 ft.; f. al., bell & wh.; val. equip., \$7,000; exp. dept., \$400; tot. mem., 65; undrs. rating, third class.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 7 m., 4 to 10 in. dia.; 60 hyd.; pres., dom. 65 lbs., f. 110 to 130 lbs.; cost, \$43,000; wks. owned by city.

JOHNSON CREEK, p. 425; f. area, 320 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. not perm.; fwks. ord. F. dept.—3 c. hand ex., 1 hand c. eng., 1 h. & l. trk., 1 hose car.; hose, rub., 800 ft.; f. al., bell; val. equip., \$1,500; exp. dept., \$250; tot. mem., 30 vol.

Water Supply—Src., pond; sys., 1 pump; mains, 1 m., 5 in. dia.; 12 hyd.; cost, \$3,000; cost mtce., \$100; wks. owned by Co.

JUNEAU, p. 1,008; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1½ to 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,500; tot. mem., 52 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 25,000 gals.; pump. eng., cap. day 960 bbls.; mains, c. l., 2 m., 4 to 8 in. dia.; 30 hyd.; met., 6; 60 serv.; pipe, iron; pres., dom. 90 lbs., f. 50 lbs.; cost, \$10,000; cost mtce., \$500; wks. owned by city.

KAUKAUNA, p. 4,717; f. area, 500 a.; merc. bldgs., bk., stn., wd., 2 & 3 stor.; priv., wd. & bk., 1½ & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 700 ft.; inf., 600 ft.; tot. hose, 2,800 ft.; f. al. telp.; val. equip., \$10,000; val. bldgs., \$4,000; exp. dept., \$2,000; tot. mem., 14, pd. full time 2, vol. 12; undrs. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. dir.; stdp. cap., 176,000 gals., dim. 20 x 75; mat., stl.; res. cap., 300,000 gals.; 2 pump. eng., class dup., cap. day 3,000,000 gals.; mains, iron, 11 m., 6 to 14 in. dia.; 102 hyd.; 72 v.; 248 met.; 662 serv.; pres., dom. 50 lbs., f.

ft.; inf., 400 ft.; tot. hose, 3,250 ft.; f. al., wh. & Gamewell, 12 bx.; val. equip., \$10,000; val. bldgs., \$7,000; exp. dept., \$800; tot. mem., 58 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 175,000 gals.; res. cap., 48,000 gals.; pump. eng., cap. day, 1,000,000 gals. each; mains, c. i., 8½ m., 4 to 12 in. dia.; 103 hyd.; met., 610; 629 serv.; pres., dom. 55 to 60 lbs.; f. 100 lbs.; cons. day, 180,000 gals.; cost, \$68,033; wks. owned by city.

FOUNTAIN CITY, p. 1,031; f. area, 80 a.; merc. bldgs., stn., bk., wd., 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$3,000; tot. mem., 50 vol.; undrs. rating, fourth class.

Water Supply—Src., riv. & wells.

FREDERICK, p. 511; f. area, 4 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh., 1 bx.; val. equip., \$1,500; val. bldgs., \$2,000; tot. mem., 20 vol.

Water Supply—Not reported.

FREDONIA, p. 500; f. area, 25 a.; merc. bldgs., wd., 2 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. perm. F. dept.—1 gas. eng., 1 hand eng., 1 hose car., 1 h. & l. trk.; hose, cot., rub. lined, 1,600 ft.; inf., 300 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$2,750; val. bldgs., \$1,500; exp. dept., \$25; tot. mem., 46 vol.

Water Supply—Src., wells.

FREEDOM, p. 962; merc. bldgs., wd. & bk. F. dept.—1 h. & l. trk., ladders, hooks, axes, &c., 2 hose car.; hose, 900 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., well; sys., grav.; res. cap., 80,000 gals.; pump. eng., cap. min. 240 gals.; wks. owned by city.

FREMONT, p. 406; f. area, 367 a. F. dept.—1 gas. eng., 1 h. & l. trk., 1 hose cart, 1,200 ft. hose; val. equip., \$3,800; val. bldgs., \$1,200; exp. dept., \$400; tot. mem., 37 vol.

Water Supply—Src., riv. in bus. cent.; sys., pump dir.; 1 pump. eng., cap. 365 gals. min.; wks. owned by village.

FRIENDSHIP, p. 500. F. dept.—1 c. eng.; val. equip., \$500; vol. No waterwks.

GALESVILLE, p. 973; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 1 aer. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$5,000; tot. mem., 55 vol.

Water Supply—Src., Beaver Creek; sys., pump dir.; 1 pump. eng., cap. day 168,000 gals.; mains, c. i., 2 m., 4 in. dia.; 24 hyd.; pres., 100 lbs.; cost, \$30,000; cost mtce., \$600; wks. owned by village corporation.

GLENWOOD, p. 954; f. area, 160 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose car., 3 ladders; hose, cot., rub. lined, gd., 850 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$2,500; exp. dept., \$65; tot. mem., 16 vol.

Water Supply—Src., well, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; pump. eng., cap. day 750,000 gals.; mains, iron, 3 m., 4 to 8 in. dia.; 15 hyd.; 100 serv.; pipe, wrt. & galv. i.; pres., dom. 40 lbs., f. 150 lbs.; cost, \$18,000; cost mtce., \$1,200; wks. owned by city.

GRAFTON, p. 1,000; f. area, 640 a. F. dept.—1 gas. eng., 1 h. & l. trk., 2,000 ft. hose; val. equip., \$4,000; val. bldgs., \$4,000; exp. dept., \$200; tot. mem., 50, pd. part time.

Water Supply—Src., riv.

GRAND RAPIDS, p. 6,521; f. area, 1,000 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 2 hose wag., 2 hose car., 4 hra.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 600 ft.; inf., 1,000 ft.; tot. hose, 3,600 ft.; f. al., wh. & telp.; val. equip., \$8,000; val. bldgs., \$1,500; exp.

dept., \$2,600; tot. mem., 31, pd. full time 3, pd. part time 26; undrs. rating, third class.

Water Supply—Src., spr., 1¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 165,000 gals., dim. 26 x 38; mat., stl.; res. cap., 130,000 gals., loc. at station; 8 pump. eng., cap. day 3,080,000 gals.; mains, c. i., 18 m., 1¼ to 12 in. dia.; 110 hyd.; 312 met.; 800 serv.; pipe, lead & iron; pres., dom. 75 to 90 lbs., f. 92 to 120 lbs.; cons. day, 314,723 gals.; cost, \$85,000; cost mtce., \$7,438; wks. owned by city.

GRANTSBURG, p. 721; f. area, 120 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 1 c. ex., 1 h. & l. trk., 2 hose car.; hose, gd. cot., rub. lined, 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$3,100; val. bldgs., \$2,000; exp. dept., \$250; tot. mem., 40 vol.

Water Supply—Src., riv. & cisterns.

GRATIOT, p. 368; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 750 ft.; inf., 400 ft.; tot. hose, 1,150 ft.; f. al., bell; val. equip., \$600; val. bldgs., \$300; tot. mem., 20 vol.

Water Supply—Not reported.

GREEN BAY, p. 25,236; f. area, 1,000 a.; merc. bldgs., bk. & stn., 2 to 6 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 comb. c. & h. wag., 1 c. eng., 8 c. hand ex., 1 h. & l. trk., 2 supply wag., 5 hose car., 3 hose sleds, 10 hra.; hose, cot., rub. lined, gd., 8,500 ft.; f. al., Gamewell, 68 bx.; val. equip., \$55,000; val. bldgs., \$45,000; exp. dept., \$16,000; tot. mem., 21, pd. full time.

Water Supply—Src., 10 artesian wells, ¼ m. bus. cent.; sys., pump to res.; res. cap., 2,500,000 gals.; 6 pump. eng., cap. day 23,750,000 gals.; mains, iron, 55 m., 6 to 18 in. dia.; 416 hyd.; 545 v.; 1,800 met.; 4,800 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 1,350,000 gals.; cost, \$332,800; cost mtce., \$34,000; wks. owned by Co.

GREENBUSH, p. 300; merc. bldgs., wd. F. dept.—Not reported.

Water Supply—Src., cisterns; sys., pump.; res. cap., 100 bbis.

GREEN LAKE, p. 563; f. area, 4 a.; merc. bldgs., 1 & 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—1 c. eng., 19 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 600 ft.; rub. gd., 150 ft.; tot. hose, 750 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$600; tot. mem., 26 vol.

Water Supply—Not reported.

GREENWOOD, p. 665; f. area, 320 a.; bldgs., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., 1,000 ft.; tot. mem., 30 vol.; val. equip., \$300.

Water Supply—Src., well & cistern.

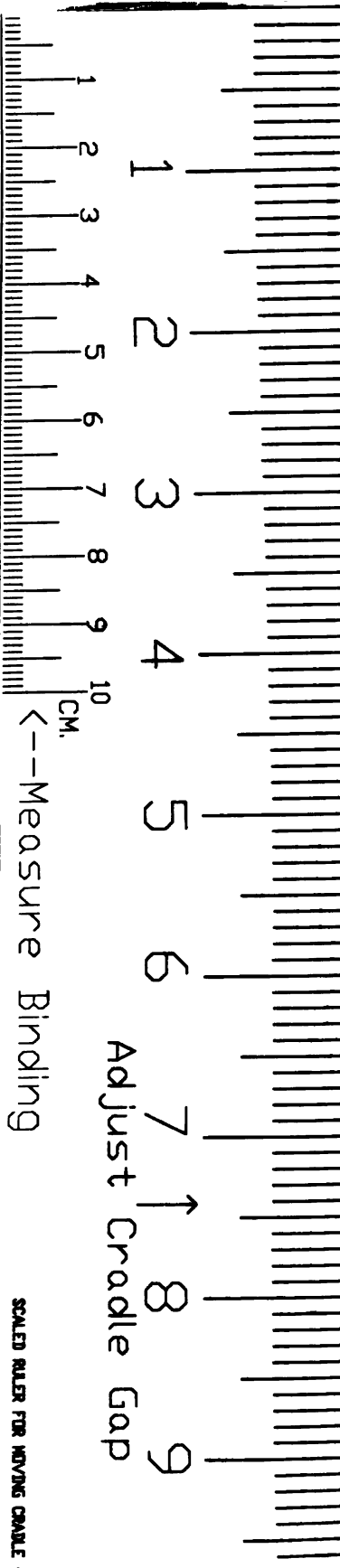
HANCOCK, p. 500; f. area, 150 a. F. dept.—2 hose carts, 1 ladder cart, 600 ft. hose; val. equip., \$750; val. bldgs., \$3,000; exp. dept., \$50; tot. mem., 40 vol.

Water Supply—Src., 5 wells, in bus. cent.; sys., pump dir.; 1 pump. eng., class trip., cap. day 432,000 gals.; 24 hyd.; 5 v.; mains, 5,000 ft.; pres., f., 180 lbs.; cost, \$6,500; cost mtce., \$100; wks. owned by city.

HARTFORD, p. 2,982; f. area, 700 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. trk., 6 c. hand ex., 1 h. & l. trk., 1 tk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 300 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$7,000; exp. dept., \$890; tot. mem., 80 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 65,000 gals.; pump, cap. day, \$39,600 gals.; mains, 6 m., 4 to 10 in. dia.; 60 hyd.; pres., f. 80 lbs.; cost, \$50,000.

HARTLAND, p. 728; f. area, 1½ sq. m.; bldgs., bk. & wd., 1 & 2 stor. F. dept.—1 gasoline eng., 1 h. & l. trk., 1 hose car.; hose, cot., gd., 1,000



f. al. wh.
stn.
a.; bldgs.
& combt.
mk., 4 hose
well & telp.;
exp. dept.
dir.; pump.
iron, 5 m.
al. dom. 40
se., \$2,000;
a.; bldgs.
st. m.; fwks.
l. — 1 comb.
a. & l. trk.,
10 ft.; val.
exn., 70 vol.
a. pump to
st., \$3,280;
a. wd., 1 &
l. rfa. perm.
a. of f. inv.
hand ex., 1
lined, gd.,
tot. hose,
val. bldgs.,
vol.
t. & stn., 2
wd. rfa. not
— 1 str., 12
hose, cot.,
2,000 ft.;
val. bldgs.,
vol.
sterns, cap.
cap., 100-
dms, 6 1-3
eng. class
t., \$61,000.
300 a. F.
a. equip.,
st., \$100;
wp. bldgs.,
wd. rfa.
of f. inv.
hand hose
2,100 ft.;
Metropoli-
s., \$2,000;
rs. rating,
to res.;
cap. day
to 12 in.
st.; pres.,
000 gals.;
ks. owned
re. bldgs.,
2 stor.;
abt. ord.;
a. l. trk.,
nf., 1,000
bx.; exp.
2, 20 vol.
to stdp.;
cap. day
dia.; 43
a.; merc.
2 stor.;
abt. ord.;
c. eng.
t.; 1 hand
t.; inf.;
ell; val.
ocks bus.
0 a. F.
t. hose;

val. equip., \$1,500; val. bldgs., \$2,000; tot. mem., 35 vol.

Water Supply—Src., 4 wells, in bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 4,000,000 gals.; 24 hyd.; mains, 8 m.; pres., dom. 75 lbs., f. 100 lbs.; cost, \$10,000; cost mtce., \$1,000; wks. owned by city.

IOLA, p. 850; f. area, 400 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfa. not perm.; no fwks. ord. F. dept.—1 str., 1 h. & l. trk., 3 hose car.; hose, cot., gd., 1,600 ft.; inf., 500 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$450; exp. dept., \$50; tot. mem., 42 vol.

Water Supply—Src., cisterns.

JACKSON, p. 199; f. area, 40 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 aer. trk., 1 hose car.; f. al., bell; hose, rub., 500 ft.; val. equip., \$450; val. bldgs., \$300; exp. dept., \$75; tot. mem., 30 vol.

Water Supply—Src., wells & cisterns.

JANESVILLE, p. 13,894; f. area, 4,000 a.; merc. bldgs., bk., 2 to 5 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 auto. comb. c. & h. wag., 1 chief's auto. with c. tk., 2 h. & l. trk., 1 aer. trk., 3 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 72 bx.; val. equip., \$25,000; val. bldgs., \$12,000; exp. dept., \$21,500; tot. mem., 22, pd. full time 15, call men 7; undrs. rating, third class.

Water Supply—Src., wells, 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., \$20,000 gals.; mat., iron; rea. cap., 1,000,000 gals.; pump. eng., cap. day 4,000,000 gals.; mains, c. l., 32 1-8 m., 1/4 to 16 in. dia.; 308 hyd.; 168 v.; met., 867; 2,328 serv.; pipe, iron; pres., dom. 70 lbs., f. 100 to 120 lbs.; wks. owned by Co.

JEFFERSON, p. 2,582; f. area, 2,560 a.; merc. bldgs., bk. & wd., 1 to 8 stor.; priv., bk. & wd., 1 1/2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, 2,100 ft.; f. al., bell & wh.; val. equip., \$7,000; exp. dept., \$400; tot. mem., 65; undrs. rating, third class.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 7 m., 4 to 10 in. dia.; 60 hyd.; pres., dom. 65 lbs., f. 110 to 130 lbs.; cost, \$43,000; wks. owned by city.

JOHNSON CREEK, p. 425; f. area, 320 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 1 1/2 stor.; wd. rfa. not perm.; fwks. ord. F. dept.—3 c. hand ex., 1 hand c. eng., 1 h. & l. trk., 1 hose car.; hose, rub., 800 ft.; f. al., bell; val. equip., \$1,500; exp. dept., \$250; tot. mem., 30 vol.

Water Supply—Src., pond; sys., 1 pump; mains, 1 m., 5 in. dia.; 12 hyd.; cost, \$3,000; cost mtce., \$100; wks. owned by Co.

JUNEAU, p. 1,003; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1 1/2 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord. F. dept.—6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,500; tot. mem., 52 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 25,000 gals.; pump. eng., cap. day 960 bbls.; mains, c. l., 2 m., 4 to 8 in. dia.; 30 hyd.; met., 6; 60 serv.; pipe, iron; pres., dom. 90 lbs., f. 50 lbs.; cost, \$10,000; cost mtce., \$500; wks. owned by city.

KAUKAUNA, p. 4,717; f. area, 500 a.; merc. bldgs., bk., stn., wd., 2 & 3 stor.; priv., wd. & bk., 1 1/2 & 2 stor.; wd. rfa. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 700 ft.; inf., 600 ft.; tot. hose, 2,800 ft.; f. al., telp.; val. equip., \$10,000; val. bldgs., \$4,000; exp. dept., \$2,000; tot. mem., 14, pd. full time 2, vol. 12; undrs. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. dir.; stdp. cap., 176,000 gals., dim. 20 x 75; mat., stl.; rea. cap., 800,000 gals.; 2 pump. eng., class dup., cap. day 8,000,000 gals.; mains, iron, 11 m., 6 to 14 in. dia.; 102 hyd.; 72 v.; 243 met.; 662 serv.; pres., dom. 50 lbs., f.

SPOKANE, p. 104,402; f. area, 40 sq. m.; merc. bldgs., bk. & stn., 1 to 14 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. c. eng., 1 auto. comb. c. & h. & l. trk., 7 str., 8 comb. c. & h. wag., 1 c. eng., 2 auto. h. & l. trk., 1 h. & l. trk., 5 auto. hose wag., 1 hose wag., 44 hrs.; hose, cot., rub. lined, gd., 35,000 ft.; f. al., Gamewell, 206 bx.; val. equip., \$226,328; val. bldgs., \$70,000; exp. dept., \$192,543; tot. mem. 130, pd full time.

Water Supply—Src., 8 wells & riv., 5 m. bus. cent.; sys., pump to res., to stdp. & dir.; 6 stdps., combined cap. 2,100,000 gals., dim. 30 x 70, loc. on hill south part of city, mat. stl.; 2 res., cap. 41,600,000 gals.; 15 pump. eng., class dup., cap. day 84,000,000 gals.; mains, c. l. & kalameln, 370 m., 4 to 30 in. dia.; 2,136 hyd.; 2,765 v.; 7,700 met.; 80,000 serv.; pipe, galv. l.; pres., dom. 80 lbs.; f. 100 lbs.; cons. day, 30,000,000 gals.; cost, \$4,500,000; cost mtce., \$169,800; wks. owned by city.

SPRAGUE, p. 1,110; merc. bldgs., wd., 2 stor.; priv., same; wd. rfs. not perm. in f. limits; fwks. ord. F. dept.—2 hose carts, 1 c. ex.; hose, rub., 300 ft.; cot., 700 ft.; tot. hose, 1,000 ft.; bell al.; val. equip., \$3,800; val. bldgs., \$7,000; tot. mem., 75 vol.

Water Supply—Src., well, 2 blocks bus. cent.; sys., grav. & pump dir.; res. cap., 250,000 gals.; 2 pump. eng., cap. day 1,116,000 gals.; mains, wd., 8 m., 4 to 10 in. dia.; 36 hyd.; 13 v.; 215 serv.; pres., dom. 55 lbs., f. 80 lbs.; cost, \$20,000; cost mtce., \$2,400; wks. owned by city & Co.

SPRINGDALE, p. 251; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand c. eng., 100 ft. hose; vol.

Water Supply—Src., creek; sys., grav.; stdp. cap., 10,000 gals.; 1 pump. eng.; mains, 2 to 4 in. dia.; 2 hyd.; pres., dom. 29 lbs.

STANWOOD, p. 544. F. dept.—1 hose cart, 1 ext. ladder, 1,000 ft. hose; bell al. No org. f. dept.

Water Supply—Src., riv., 1 m. bus. cent.; sys., dir. pres.; 2 pump. eng., cap. day 360,000 gals.; mains, 6 in. dia.; 8 hyd.; wks. owned by city.

STEVENSON, p. 500. F. dept.—1 hose cart, 1 c. eng., 500 ft. hose; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., mountain strm.; sys., grav.; res. cap., 5,000 gals.; mains, 7,500 ft., 4 in. dia.; 10 hyd.; pres., dom. 60 lbs., f. 123 lbs.; wks. owned by city.

SULTAN, p. 600. F. dept.—2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 35 vol.

Water Supply—Src., spr., 5 m. bus. cent.; sys., grav.; res. cap., 101,000 gals.; mains, 3 m., 2 to 6 in. dia.; 16 hyd.; pres., dom. 100 lbs.; f. 125 lbs.; wks. owned by city.

SUMAS, p. 902; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand hose cart, 500 ft. hose; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells; sys., grav.; res. cap., 150,000 gals.; 1 pump. eng.; mains, 4 to 6 in. dia.; 10 hyd.; 10 v.; pres., dom. 58 lbs.

SUMNER, p. 892; bldgs., wd., 2 stor.; wd. rfs. perm.; no f. dept.; undrs. rating, fourth class.

Water Supply—Src., spr.; sys., grav. to & from res.; res. cap., 30,000 gals.; mains, 6 m., 2 to 4 in. dia.; 2 hyd.; 600 serv.; pres., dom. 50 lbs., f. 85 lbs.; wks. owned by Co.; cost, \$10,000; cost mtce., \$700.

SUNNYSIDE, p. 1,379; merc. bldgs., bk. & wd., 1 to 3 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hand c. eng., 1,500 ft. cot., rub. lined, hose; f. al., bell; tot. mem., 14 vol.

Water Supply—Src., well; sys., grav.; res. cap., 250,000 gals.; 1 elec. pump. eng., cap. day 288,000 gals.; mains, wd., 5½ m., 4 to 8 in. dia.; 23 hyd.; 16 v.; 400 met.; 400 serv.; pres., dom. 40 lbs.; f. 80 lbs.; wks. owned by city.

TACOMA, p. 82,972; f. area, 43 sq. m.; merc. bldgs., stn., bk., cem. & wd., 1 to 16 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; combt.

ord.; causes of f. inv. F. dept.—10 str., 1 c. eng., 1 auto. c. eng., 1 auto. hose wag., 3 auto. comb. c. & h. wag., 1 auto. aer. trk., 1 aer. trk., 20 c. hand ex., 10 hose cart., 8 hose carts, 59 hrs.; hose, cot., rub. lined, gd., 36,900 ft.; f. al., 1,000 ft.; tot. hose, 87,900 ft.; f. al., Gamewell, 133 bx., 85 auxiliary bx., 75 Starr elec. bx.; val. equip., \$216,271; val. bldgs., \$226,731; exp. dept., \$228,799; tot. mem., 131, pd. full time.

Water Supply—Src., creek, 8½ m. bus. cent.; sys., grav.; 5 res., combined cap., 25,145,000 gals.; pump to res. & stdp.; 3 stdps., combined cap. 1,165,000 gals.; 9 pump. eng., cap. day 16,545,000 gals.; mains, wrt. & c. l., 250.3 m., 2 to 30 in. dia.; 1,317 hyd.; 1,343 met.; 14,406 serv.; 1,154 v.; pipe, galv. l.; pres., 40 to 65 lbs.; cons. day, 15,000,000 gals.; cost, \$2,000,000; cost mtce., \$243,972; wks. owned by city.

TEKOA, p. 1,694. F. dept.—1 h. & l. trk., 5 hose wag.; hose, cot., rub. lined, gd., 1,150 ft.; rub., gd., 200 ft.; int., 200 ft.; tot. hose, 1,550 ft.; f. al., telp.; val. equip., \$2,000; vol.

Water Supply—Src., artesian wells; sys., grav. & dir. pres., res. cap. 400,000 gals.; 2 pumps; 34 hyd.; 14 v.; mains, kalameln, 4 to 8 in. dia.; cost, \$10,500; wks. owned by city.

TENINO, p. 1,000. F. dept.—2 c. eng., 2 hand hose carts; hose, cot., rub. lined, gd., 1,000 ft.; tot. mem., 40 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; res. cap., 700,000 gals.; 1 pump. eng., cap. day 190,080 gals.; mains, 3 m., 6 to 8 in. dia.; pres., dom. 58 to 82 lbs., f. 100 lbs.; wks. owned by city.

TOPPENISH, p. 1,598; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 3 hose carts; hose, cot., rub. lined, gd., 1,450 ft.; f. al., telp. & bell; tot. mem., 24 vol., pd. \$2 each on call.

Water Supply—Src., well, ¼ m. bus. cent.; sys., dir. pres.; stdp. cap., 18,000 gals., mat. stl.; 2 elec. pump. eng., cap. day 806,400 gals.; mains, wd. & iron, 7 m., 4 to 8 in. dia.; 46 hyd.; 10 v.; 275 met.; 275 serv.; pres., dom. 45 lbs., f. 90 lbs.; cons. day, 225,000 gals.; cost mtce., \$5,000; wks. owned by city.

UNIONTOWN, p. 426. F. dept.—1 hose cart, 500 ft. hose; bell al. No org. f. dept.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav.; res. cap., 152,592 gals.; pump. eng., cap. day 288,000 gals.; mains, 6 in. dia.; 14 hyd.; pres., f. 45 lbs.

VANCOUVER, p. 9,300; f. area, 30 a.; merc. bldgs., wd., bk., stn., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 str., 1 auto. comb. c. & h. wag. & h. & l. trk., 1 comb. h. & l. wag., 1 hose wag., 1 hose cart, 5 hrs.; hose, rub., gd., 3,700 ft.; f. al., telp.; val. equip., \$13,800; val. bldgs., \$2,000; exp. dept., \$3,000; tot. mem. 52, pd. full time f. vol. 48.

Water Supply—Src., spr., 5 m. east bus. cent.; sys., grav. & dir.; 3 res., cap. 1,107,600, 300,000 & 180,000 gals.; 3 pump. eng., cap. day 2,600,000 gals.; 4 pumps, cap. 500,000 gals.; mains, stl. & wd., 57 m., 2 to 12 in. dia.; 116 hyd.; 800 serv.; pipe, galv. l.; pres., dom. 65 lbs., f. 125 lbs.; cost, \$260,000; wks. owned by Co.

WAITSBURG, p. 1,237; f. area, 10 a.; merc. bldgs., wd., bk., stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—3 hose carts, h. & l.; hose, cot., rub. lined, gd., 850 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; tot. mem., 35 vol.

Water Supply—Src., riv. & spr., 3 m. bus. cent.; sys., grav. & pump to res.; res. cap., 500,000 gals.; 3 pump. eng., cap. day 400,000 gals.; mains, stl. & wd., 6 m., 4 to 8 in. dia.; 35 hyd.; 24 v.; 275 met.; 300 serv.; pres., dom. & f. 60 lbs.; cons. day, 100,000 gals.; cost, \$50,000; cost mtce., \$2,000; wks. owned by city.

WALLA WALLA, p. 19,364; f. area, 20 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 str., 1 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 comb. c. & h. wag., 2 hose cart., 12 hrs.; hose, cot., rub. lined, gd., 6,150 ft.; f. al., Gamewell, 52 bx.; val. equip., \$35,000; val. bldgs., \$23,000; exp. dept., \$81,000; tot. mem. 22, pd. full time.

Water Supply—Src., spr., 16 m. bus. cent.; sys.,

grav., pump to res. & stdp.; stdp. cap., 67,000 gals.; mat., wd. & stl.; res. cap., 8,000,000 gals.; 3 pump. eng., cap. day 1,000,000 gals.; mains, kal., 30 m., 2 to 20 in. dia.; 287 hyd.; met., 105; 2,715 serv.; pipe, galv. l.; pres., dom. 12 to 85 lbs.; f. 80 lbs.; cost, \$600,000; cost mtce., \$6,000; wks. owned by city.

WAPATO, p. 400; f. area, 160 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., c. hand ex., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 2,000 ft.; inf., 200 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$8,000; tot. mem. 10, pd. part time.

Water Supply—Src., well, 1½ blocks bus. cent.; sys., grav.; stdp. cap., 85,000 gals., dim. 20 x 15; mat., wd.; 1 pump. eng., class trip., cap. day 200,000 gals.; mains, wd., 3½ m., 4 to 10 in. dia.; 27 hyd.; 47 v.; met., 30; pres., dom. 27 lbs., f. 60 lbs.; cons. day, 1,000 gals.; cost, \$17,000; cost mtce., \$200; wks. owned by city.

WASHOUGAL, p. 456. F. dept.—1 hose cart, 500 ft. hose; f. al., bell; 15 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., grav. & dir. pres.; stdp. cap., 67,568 gals.; mat., wd.; 2 pump. eng., cap. day 596,000 gals.; mains, 4 to 6 in. dia.; 24 hyd.

WASHTUCNA, p. 300. F. dept.—1 hose cart, 1 h. & l. trk., 550 ft. hose; f. al., bell; 25 vol.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., grav.; res. cap., 274,500 gals.; pump. eng., cap. day 180,000 gals.; mains, wd., 3½ m., 4 to 8 in. dia.; 8 hyd.; 5 met.; 87 serv.; pres., dom. 45 lbs., f., 65 to 70 lbs.; cost, \$20,330; cost mtce., \$75; wks. owned by City.

WATERVILLE, p. 1,000. F. dept.—1 c. eng., 2 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,150 ft.; f. al., bell & wh.; tot. mem., 30 vol.

Water Supply—Src., spr. & well, 4½ m. bus. cent.; sys., grav.; stdp. cap., 130,000 gals.; 2 pump. eng., comb. cap. day 180,000 gals.; mains, 9 m., 4 to 8 in. dia.; 19 hyd.; 240 met.; pres., dom. & f., 50 lbs.; cost, \$38,868; cost mtce., \$946; wks. owned by city.

WENATCHEE, p. 4,050; f. area, 1,050 a.; merc. bldgs., bk., stn., conc. & wd., 1 to 4 stor.; priv., bk., stn., conc. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 2 c. hand ex., 1 c. eng., 1 h. & l. trk., 2 hose car., 4 hrs.; hose, rub. lined, gd., 2,550 ft.; f. al., telp. & Gamewell; val. equip., \$10,000; exp. dept., \$4,000; tot. mem., 43, pd. full time 3, vol. 40; undra. rating, third class.

AMOS, p. 1,000; merc. bldgs., wd., 2 & 3 stor. F. dept.—1 hose reel; hose, cot. jacket, 900 ft.; vol.

Water Supply—Src., 2 drilled wells; sys., grav.; res. cap., 98,750 gals., size 10 x 41, loc. on hillside; 1 pump, class dup., cap. day 96,000 gals.; mains, 1½ m., 4 to 6 in. dia.; 17 hyd.

BELINGTON, p. 1,481. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 800 ft.; f. al., wh.; tot. mem., 40 vol.

Water Supply—Src., mountain spr. & res.; sys., grav. & dir.; res. cap., 1,800,000 gals., loc. 192 ft. above street grade; 1 pump; mains, 5 m., 4 to 8 in. dia.; 38 hyd.; pres., dom. 100 lbs., f. 100 lbs.

BENTWOOD, p. 7,000. F. dept.—2 comb. c. & h. wag., 20 c. hand ex., 3 hand hose reels, 2 c. wag., 3 hrs., 3,300 ft. hose; f. al., Gamewell, 18 bx. & bell; tot. mem. 98, vol. 90 & 3 pd. men.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; res. cap., 600,000 gals.; 4 pump. eng., class comp. dup., cap. day 10,000,000 gals.; mains, c. i., 7 m., 4 to 12 in. dia.; 36 hyd.; pres., dom. 85 to 100 lbs., f. 110 lbs.; cons. day 600,000 gals.; wks. owned by priv. Co.

BERKELEY SPRINGS, p. 864; f. area, 35 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2

Water Supply—Src., riv., ¼ m. bus. cent.; sys., grav.; res. cap., 1,054,900 gals.; 2 pump. eng., class trip., cap. day 2,500,000 gals.; mains, wd. & stl., 18 m., 1 to 12 in. dia.; 109 hyd.; 156 v.; met., 411; 1,319 serv.; pipe, galv. l.; pres., dom. 30 to 60 lbs., f. 60 to 110 lbs.; cons. day, 878,848 gals.; cost, \$183,604; cost mtce., \$8,763; wks. owned by city.

WHITE SALMON, p. 682; f. area, 20 a. F. dept.—1 c. eng., 2 c. hand ex., ladders, buckets, &c., 200 ft. rub. hose; f. al., bell; val. equip., \$600; exp. dept., \$25; vol.

Water Supply—Src., spr.

WILBUR, p. 757. F. dept.—3 hose carts, 1,200 ft. hose; f. al., bell; 20 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav. & dir. pres.; res. cap., 200,000 gals.; 2 pump. eng., combined cap. day, 252,000 gals.; mains, 4 to 6 in. dia.; 30 hyd.; pres., f. 50 lbs.

WILSON CREEK, p. 405. F. dept.—1 hose cart, 1 c. tk., 750 ft. hose; f. al., bell; 15 vol.

Water Supply—Src., well, ½ m. bus. cent.; sys., grav.; res. cap., 130,000 gals.; 2 pump. eng., cap. day 300,000 gals.; mains, c. i. & wd., 2½ m., 4 to 8 in. dia.; 14 hyd.; 15 v.; 55 met.; 112 serv.; pres., f., 52½ lbs.; cons. day, 65,000 gals.; cost, \$20,000; wks. owned by city.

WINLOCK, p. 1,400; f. area, 40 a. F. dept.—2 hose carts, 1 c. hand ex., 500 ft. hose; val. equip., \$1,500; val. bldgs., \$3,500; exp. dept., \$500; tot. mem. 16, pd. part time.

Water Supply—Src., wells, in bus. cent.; sys., grav.; 5 pump. eng.; 15 hyd.; mains, 2,500 ft.; pres., dom. & f., 65 lbs.; cost, \$10,000; wks. owned by priv. Co.

WOODLAND, p. 400. F. dept.—1 c. eng., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 25; pd. 50 cents per call.

Water Supply—Src., Lewis River, 8,500 ft. bus. cent.; sys., grav. & dir. pres.; res. cap., 200,000 gals.; 1 pump. eng., cap. 180 gals. min.; mains, wd. stave, 4 to 8 in. dia.; 24 hyd.; 19 v.; wks. owned by municipality.

YACOLT, p. 400. F. dept.—1 hand hose cart; hose, cot., rub. lined, gd., 500 ft.; tot. mem., 18 vol.

Water Supply—Src., mountain strm., 2 m. bus. cent.; sys., grav.; mains, 1 m., 2 to 4 in. dia.; 6 hyd.; pres., dom. 35 to 50 lbs., f. 112 lbs.; wks. owned by city.

Places with a population of 1,000 or more not reported—Brighton, Burlington, Stellacoom, Wilkeson.

WEST VIRGINIA

AMOS, p. 1,000; merc. bldgs., wd., 2 & 3 stor. F. dept.—1 hose reel; hose, cot. jacket, 900 ft.; vol.

Water Supply—Src., 2 drilled wells; sys., grav.; res. cap., 98,750 gals., size 10 x 41, loc. on hillside; 1 pump, class dup., cap. day 96,000 gals.; mains, 1½ m., 4 to 6 in. dia.; 17 hyd.

BELINGTON, p. 1,481. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 800 ft.; f. al., wh.; tot. mem., 40 vol.

Water Supply—Src., mountain spr. & res.; sys., grav. & dir.; res. cap., 1,800,000 gals., loc. 192 ft. above street grade; 1 pump; mains, 5 m., 4 to 8 in. dia.; 38 hyd.; pres., dom. 100 lbs., f. 100 lbs.

BENTWOOD, p. 7,000. F. dept.—2 comb. c. & h. wag., 20 c. hand ex., 3 hand hose reels, 2 c. wag., 3 hrs., 3,300 ft. hose; f. al., Gamewell, 18 bx. & bell; tot. mem. 98, vol. 90 & 3 pd. men.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; res. cap., 600,000 gals.; 4 pump. eng., class comp. dup., cap. day 10,000,000 gals.; mains, c. i., 7 m., 4 to 12 in. dia.; 36 hyd.; pres., dom. 85 to 100 lbs., f. 110 lbs.; cons. day 600,000 gals.; wks. owned by priv. Co.

BERKELEY SPRINGS, p. 864; f. area, 35 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2

stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose carts, buckets, ladders, axes, &c., 1 hose car.; hose, cot., rub. lined, gd., 800 ft.; val. equip., \$1,000; exp. dept., \$50; tot. mem., 21 vol.

Water Supply—Src., spr., in bus. cent.; sys., dir. pres.; res. cap., 5,000 gals.; wks. owned by priv. party.

BLUEFIELD, p. 11,188; f. area, 700 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., wd., 2 & 4 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 4,000 ft.; rub. gd., 500 ft.; tot. hose, 4,500 ft.; f. al., Gamewell, 27 bx.; val. equip., \$20,000; val. bldgs., \$6,000; exp. dept., \$10,000; tot. mem., 12, 4 pd. men, 3 vol.; undra. rating, second class.

Water Supply—Src., spr.; sys., grav., pump to stdp.; stdp. cap., 250,000 gals., dim. 35 x 35; res. cap., 12,000,000 gals., loc. 5 m. east town; 2 pump. eng., class comp. dup., cap. day 1,800,000 gals.; mains, c. i., 2½ m., 8 to 10 in. dia.; 30 hyd.; 88 v.; met., 30; 1,100 serv.; pres., dom. 25 to 70 lbs., f. 45 to 100 lbs.; cons. day, 1,000,000 gals.; cost, \$180,000; wks. owned by Co.

BRAMWELL, p. 1,458. F. dept.—2 hose reels; hose, rub., 1,000 ft.; f. al., bells; vol.

Water Supply—Src., natural spr.; sys., grav.; res. cap., 18,000,000 gals., loc. in valley 244 ft. above street grade; mains, 4 in.; 10 hyd.; pres., f. 100 lbs.

BUCKHANNON, p. 2,225; f. area, 100 a.; merc. bldgs., wd., bk., 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 4 hose reels, 10 ladders; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$400; val. bldgs., \$50; tot. mem., 55 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump dir.; res. cap., 219,000 gals.; 2 pump. eng., class dup., cap. day, 1,200,000 gals.; mains, 10 m., 2 to 8 in. dia.; 53 hyd.; 600 serv.; pres., dom. & f. 90 lbs.; cons. day, 500,000 gals.; cost, \$58,000; wks. owned by priv. corp.

CAIRO, p. 668; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., spr., 350 ft. bus. cent.; sys., pump to res.; res. cap., 2,400 bbla.; pump. eng., class dup., cap. day, 1,500 bbla.; mains, c. & wrt. l., 4,500 ft., 4 in. dia.; 16 hyd.; pres., dom. 80 lbs., f. 80 lbs.; cons. day, 200 bbla.; cost, \$7,000; cost mtce., \$400; wks. owned by city.

CAMERON, p. 1,600. F. dept.—2 c. hand ex., 2 hose reels, 1 h. & 1 trk.; hose, cot., rub. lined, gd., 2,150 ft.; f. al., wh.; val. equip., \$3,000; val. bldgs., \$15,000; tot. mem., 100 vol.

Water Supply—Src., wells; sys., pump dir.; res. cap., 160,000 gals., loc. 200 ft. above main street; 1 pump. eng., class trip., cap. day 425,000 gals.; mains, 2½ m., 4 to 8 in. dia.; pres., dom. 110 lbs., f. 125 lbs.

CENTRAL CITY, p. 3,000; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose reels; hose, rub., gd., 1,500 ft.; f. al., wh.; tot. mem., 24 vol.

Water Supply—Src., Huntington waterwks.; sys., grav.; mains, 3 m., 6 & 8 in. dia.; 42 hyd.; pres., 100 lbs.

CEREDO, p. 1,215. F. dept.—8 c. hand ex., 6 ladders, 1 hose cart; hose, cot. jacket, 600 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., deep wells; sys., grav.; res. cap., 271,000 gals., situated 192 ft. above grade; 1 pump. eng., class trip., cap. min., 167 gals.; mains, 2 m., 4 to 8 in. dia.; 21 hyd.; pres., f. 80 lbs.

CHARLESTON, p. 2,996; f. area, 5½ sq. m.; merc. bldgs., bk. & stn., 3 to 12 stor.; frame & iron-clad bldgs. not perm. in f. area; fwks. & combt. ord. F. dept.—3 str., 2 comb. c. & h. wag., 1 c. eng., 1 aer. trk., 12 c. hand ex., 1 h. & 1 trk., 3 hose wag., 1 chief's auto., 12 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; rub. gd., 200 ft.; tot. hose, 6,200 ft.; f. al., Gamewell, 29 bx.; tot. mem. 26, pd. full time.

Water Supply—Src., Elk riv., 1 m. bus. cent.; sys., pump to res. & dir.; res. cap., 3,000,000 gals., loc. south of pump. station on elevation; 8 pump. eng., class comp., cap. day 30,504,800 gals.; mains, kalamain & c. l., 45 m., 3 to 20 in. dia.; 180 hyd.; 405 v.; met., 200; 3,500 serv.; pipe, galv. l.; pres., dom. 75 lbs., f. 120 lbs.; cons. day, 3,698,000 gals.; cost, \$200,000; cost mtce., \$25,000; wks. owned by Co.

CHARLESTOWN, p. 2,682; f. area, 800 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—2 str., 10 c. hand ex., 1 auto. comb. hose wag., 1 aer. trk., 1 squad auto. with c. tank (in reserve), 1 chief's buggy, 1 supply wag., 2 hose wag. (2 in reserve), 8 hrs.; hose, cot., rub. lined, gd., 5,510 ft.; f. al., Gamewell, 29 bx.; val. bldgs., \$25,000; exp. dept., \$1,250; tot. mem., 150 vol.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 200,000 gals.; mat., stl.; 3 pump. eng., cap. day 300,000 gals.; mains, iron, 7 m., 2 to 6 in. dia.; 25 hyd.; 450 serv.; pipe, galv. l.; pres., dom. 50 lbs., f. 50 lbs.; cons. day, 150,000 gals.; cost, \$90,000; cost mtce., \$5,000; wks. owned by priv. Co.

CHESTER, p. 3,184; merc. bldgs., bk. & wd., 2 stor. F. dept.—4 hose reels, 1 comb. c. & h. wag., 2 c. hand ex., 1 h. & 1 trk., 2 hrs.; hose,

cot., rub. lined, gd., 1,000 ft.; rub., gd., 200 ft.; tot. hose, 1,200 ft.; f. al., elec. & bell, 10 bx.; val. equip., \$2,500; val. bldgs., \$1,600; exp. dept., \$600; tot. mem., 24 vol.

Water Supply—Src., Ohio riv.; sys., pump to res. & dir.; res. cap., 1,500,000 gals., elevated 560 ft.; 1 pump. eng., cap. 1,200,000 gals. day; mains, 5 m., 4 & 6 in. dia.; 18 hyd.; pres., dom. & f. 120 lbs.; cost, \$75,000; wks. owned by Co.

CLARKSBURG, p. 9,201; f. area, 500 a.; merc. bldgs., bk., 1 to 7 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 8 c. hand ex., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., wh.; val. equip., \$2,500; val. bldgs., \$2,600; exp. dept., \$4,000; tot. mem. 60, pd. full time 10, 50 vol.

Water Supply—Src., West Ford riv., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 1,563,780 gals.; mat., conc. & stl.; 6 pump. eng., cap. day 7,000,000 gals.; mains, c. l., 21 m., 4 to 16 in. dia.; 157 hyd.; 256 v.; met., 36; 2,400 serv.; pipe, galv. l. & lead; pres., dom. & f. 110 lbs.; cons. day, 3,000,000 gals.; cost, \$500,000; wks. owned by city.

COALTON, p. 800. F. dept.—3 hose reels; hose, 1,000 ft.; f. al., wh.; val. equip., \$1,000; vol.

Water Supply—Src., Roaring creek; sys., grav.; res. cap., 100,000 gals., elevated 150 ft. above street grade; 1 pump. eng., cap. min. 520 gals.; mains, 1,900 ft., 4 in. dia.; 8 hyd.; 2 met.; pres., dom. & f., 70 lbs.; cost, \$10,000; wks. owned by priv. Co.

DAVIS, p. 2,615. F. dept.—1 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell & wh.; tot. mem., 37.

Water Supply—Src., riv. & creek; sys., pump to res.; res. cap., 62,000 gals., loc. 100 ft. above grade; 3 pump. eng., class dup.; mains, 2 m., 4 to 6 in. dia.; 25 hyd.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$3,000; wks. owned by city.

ELKINS, p. 5,260; f. area, 300 a.; merc. bldgs., bk., 2 to 7 stor.; priv., wd., 2 rfs. not perm.; fwks. & combt. ord. F. dept.—1 comb. c. & h. wag., 4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 1,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., tel. val. equip., \$6,900; val. bldgs., \$3,500; exp. dept., \$1,000; tot. mem., 50 vol.; undrs. rating, third class.

Water Supply—Src., riv.; sys., grav. & pump to res.; res. cap., 250,000 gals.; 2 pump. eng., class dup., cap. day 2,000,000 gals.; mains, 9 m., 4 to 8 in. dia.; 53 hyd.; met., 35; 400 serv.; pres., dom. 40 to 50 lbs., f. 125 to 145 lbs.; cost, \$25,000; cost mtce., \$3,800; wks. owned by city.

FAIRMONT, p. 9,711; f. area, 4.4 sq. m.; merc. bldgs., bk. & stn., 3 to 11 stor.; priv., stn., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. auto., 1 chief's auto., 1 h. & 1 trk., 2 comb. c. & hose wag., 15 c. hand ex., 2 hose wag., 3 hose reels, 6 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; rub. gd., 500 ft.; inf., 1,500 ft.; tot. hose, 5,500 ft.; f. al., tel. val. equip., \$12,500; val. bldgs., \$50,000; exp. dept., \$15,000; tot. mem. 47, pd. full time 11, vol. 36.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 18,000,000 gals.; 2 pump. eng., class trip. dup. comp., cap. day 3,000,000 gals.; mains, c. l., 15 m., 3 to 20 in. dia.; 200 hyd.; v.; 2,500 serv.; pipe, lead; pres., dom. 50 to 90 lbs., f. 100 to 120 lbs.; cons. day, 3,000,000 gals.; cost mtce., \$7,000; wks. owned by city.

FOLLANSBEE, p. 2,031. F. dept.—Not reported. Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res.; res. cap., 1,500,000 gals.; 1 pump. eng., cap. day, 750,000 gals.; 9 m. c. i. mains, 4 to 8 in. dia.; 17 hyd.; 40 v.; met., 450; 440 serv.; pres., dom. 150 lbs., f. 150 lbs.; cons. day, 30,000 gals.; cost, \$45,000; cost mtce., \$2,000; wks. owned by priv. Co.

GRAFTON, p. 7,563; f. area, 65 a.; merc. bldgs., bk. & wd., 3 & 4 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 5 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 1,800 ft.; tot. hose, 3,800 ft.; f. al., wh.; val. equip., \$2,500; val. bldgs., \$1,000; tot. mem., 65 vol.

Water Supply—Src., riv. 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 450,000 gals.; dim. 30 x 50; mat., boiler stl.; res. cap., 450,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, c. l., 12 m., 4 to 12 in. dia.; 116 hyd.; met., 12; 1,100 serv.; pipe, lead & galv. l.; pres., dom. 100 lbs.; f. 150 lbs.; cost, \$80,000; cost mtce., \$7,000; wks. owned by city.

GUYANDOTTE, p. 1,702; f. area, 200 a.; bldgs., wd., 2 stor.; wd. ris. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 750 ft.; val. equip., \$2,000; val. bldgs., \$300; tot. mem., 25 vol.

Water Supply—Src., supplied by Huntington Waterwks. Co.; sys., grav., pump to res., to stdp. or dir.; mains, 3 m., 2 to 8 in. dia.; 13 hyd.; 30 v.; 362 serv.; pres., dom. 61 lbs.; f. 100 lbs.; wks. owned by priv. Co.

HINTON, p. 3,656; f. area, 960 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose cart, 2 hose reels; hose, cot., rub. lined, gd., 900 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$150; exp. dept., \$150; tot. mem., 30 vol.

Water Supply—Src., riv. $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 600,000 gals.; 2 pump. eng., cap. day, 1,500,000 gals.; mains, c. & wrt. l., 6 m., 4 to 8 in. dia.; 58 hyd.; 60 v.; 950 serv.; pipe, galv. l.; pres., dom. & f. 100 lbs.; cons. day, 750,000 gals.; cost, \$30,000; cost mtce., \$10,000; wks. owned by priv. Co.

HUNTINGTON, p. 31,161; f. area, 6 $\frac{1}{2}$ sq. m.; merc. bldgs., bk. & wd., 8 to 10 stor.; priv., bk., stn., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—1 str., 1 auto. chief's car. & squad wag., 2 c. hand ex., 1 aer. trk., 1 comb. c. & h. wag., 4 hose wag., 9 hrs.; hose, cot., rub. lined, gd., 11,000 ft.; f. al., Gamewell, 44 bx.; val. equip., \$18,000; val. bldgs., \$8,000; exp. dept., \$15,000; tot. mem. 33, pd. full time 21, vol. 12.

Water Supply—Src., riv.; sys., pump to res.; res. cap., 3,000,000 gals.; 4 pump. eng., class comp. dup., cap. day, 16,000,000 gals.; mains, c. l., 40 m., 4 to 16 in. dia.; 375 hyd.; 140 v.; 2,800 met.; 6,000 serv.; pres., dom. & f. 120 lbs.; cons. day, 2,500,000 gals.; cost, \$600,000; wks. owned by Co.

KENOVA, p. 992. F. dept.—1 hose reel; hose, cot., 600 ft.; f. al., wh.; tot. mem., 20 vol.

Water Supply—Src., continuation of Catlettburg, Ky., sys.; mains, 4 $\frac{1}{2}$ m., 6 & 8 in. dia.; 14 hyd.; pres., dom. & f. 80 lbs.

KEYSER, p. 3,705; f. area, 150 a.; bldgs., bk. & wd., 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 auto. hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$6,000; val. bldgs., \$500; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., natural spr., 5 m. bus. cent.; sys., grav.; res. cap., 35,000,000 gals., loc. 4 $\frac{1}{2}$ m. southeast town; mains, 9 m., 4 to 8 in. dia.; 44 hyd.; 1,500 serv.; pipe, iron; pres., dom. 125 lbs., f. 125 lbs.; cost, \$40,000; cost mtce., \$200; wks. owned by town.

KEYSTONE, p. 2,047; f. area, 15 squares; merc. bldgs. must be bk., stn. or conc. (2 years to comply with these requirements); wd. ris. not perm. F. dept.—15 hand ex., 4 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.; tot. mem., 27 vol.

Water Supply—Src., well; sys., grav., pump to res. & stdp.; 2 stdps., combined cap. 300,000,000 gals.; mat., conc.; 3 pump. eng., cap. day 144,271,000 gals.; mains, 6 $\frac{1}{2}$ m., 4 in. dia.; 20 hyd.

LEWISBURG, p. 803; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., stn. & bk., 3 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 4 hose cart; hose, cot., rub. lined, gd., 900 ft.; f. al., wh.; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 20 vol.

Water Supply—Src., riv.; sys., pump, to 3 tk., 200 ft. above main part of town; cap. tk., 30,000 gals. each; mains, 3 m., 4 to 6 in. dia.; 17 hyd.; pres., dom. 100 lbs., f. 120 lbs.; cost, \$12,000; cost mtce., \$1,650; wks. owned by city.

LITTLETON, p. 712. F. dept.—1 hose reel; hose, cot., 500 ft.; f. al., wh.; vol.

Water Supply—Src., Fish creek; sys., grav.; res. cap., 30,000 gals., loc. on hillside; 1 pump. eng., class dup.; 3-in. mains; 6 hyd.

LOGAN, p. 1,640. F. dept.—2 hose reels; hose, cot. jacket, 1,150 ft.; f. al., wh.; tot. mem., 21 vol.

Water Supply—Src., Guayandotte riv. & strm.; sys., grav.; res. cap., 100,000,000 gals., elevated 225 ft. above st. grade; 3 pump. eng., cap. day, 500,000 gals.; mains, 6,800 ft., 4 in. to 6 in. dia.; 20 hyd.; pres., dom. 90 lbs., f. 100 lbs.; cons. day, 300,000 gals.; cost, \$40,000; cost mtce., \$4,500; wks. owned by priv. Co.

MCDOWELL, p. 1,241; f. area, 6 m.; merc. bldgs., stn., bk., wd. F. dept.—Hose, cot., rub. lined, gd., 1,000 ft.; 10 bx.; tot. mem. 12, pd. full time 5, pd. part time 7.

Water Supply—Not reported.

McMECHEN, p. 2,921. F. dept.—6 c. hand ex., 1 h. & l. trk.; vol.

Water Supply—Src., from Benwood & McMechen Consolidated Co.; 10 hyd.

MANNINGTON, p. 2,672; bldgs., wd. & bk., 2, 3 & 4 stor. F. dept.—6 c. hand ex., 3 ladders, 4 hose reels; hose, cot., rub. lined, gd., 4,000 ft.; inf., 1,000 ft.; tot. hose, 5,000 ft.; f. al., wh.; val. equip., \$7,000; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 25 vol.

Water Supply—Src., creek; sys., grav. & pump dir.; stdp. cap., 120,000 gals.; res. cap., 160,000 gals.; 2 pump. eng., class comp. dup., cap. day 2,500,000 gals.; mains, 14 m., 4 in. dia.; 38 hyd.; met., 250; 325 serv.; pres., dom. 100 lbs., f. 125 lbs.; cons. day, 216,000 gals.; cost, \$4,500; cost mtce., \$1,600; wks. owned by city.

MARTINSBURG, p. 10,698; f. area, 3,200 a.; merc. bldgs., stn., bk., wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. ris. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. h. wag., 1 auto. comb. c. hose & l. trk., 1 h. & l. trk., 3 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 3,200 ft.; rub., gd., 500 ft.; inf., 500 ft.; tot. hose, 4,200 ft.; f. al., bell; val. equip., \$15,000; val. bldgs., \$5,000; exp. dept., \$4,500; tot. mem., 200, pd. full time 5, pd. part time 10, vol. 185.

Water Supply—Src., spr., 1 $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 4,000,000 gals.; mains, cem. & c. l., 13 $\frac{1}{2}$ m.; 126 hyd.; 100 v.; 2,200 serv.; pipe, wrt. & galv. l.; pres., dom. 40 lbs., f. 90 lbs.; cons. day, 1,350,000 gals.; cost, \$138,000; cost mtce., \$17,000; wks. owned by Co.

MONONGAH, p. 2,084. F. dept.—1 hose reel, ladders & buckets; hose, cot., rub. lined, gd., 3,000 ft.; f. al., wh.

Water Supply—Src., riv.; sys., grav. & pump to res.; pump. eng., class dup.; mains, 2 $\frac{1}{2}$ m., 3 & 5 in. dia.; 16 hyd.

MONTGOMERY, p. 1,888; merc. bldgs., bk. & frame. F. dept.—1 comb. c. & h. wag., 1 c. eng., 1 auto. comb. c. & hose wag., 2 hose wag., 4 c. hand ex., 1 hrs.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., wh.; tot. mem., 21, pd. part time.

Water Supply—Src., Great Kanawha riv.; sys., grav. & dir.; res. cap., 67,000 gals., loc. 220 ft. above street grade; 1 pump. eng., class dup., cap. day 518,000 gals.; mains, 12,000 ft., 3 to 6 in. dia.; 20 hyd.; pres., dom. 95 lbs., f. 150 lbs.; wks. owned by Co.

MORGANTOWN, p. 9,150; f. area, 250 a.; merc. bldgs., stn., bk. & wd., 2 to 7 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 5 hose cart, 2 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., wh.; val. equip., \$4,000; exp. dept., \$2,250; tot. mem. 23, pd. full time 2, 21 vol.

Water Supply—Src., riv., 2 m. bus. cent.; sys., pump to res. & dir.; stdp. cap., 1,500,000 gals.; res. cap., 1,700,000 gals.; 3 pump. eng., class comp. dup., cap. day 1,000,000 gals.; mains, c. l., 10 m., 4 to 8 in. dia.; 36 hyd.; 15 v.; 2,200 serv.; pipe, iron; pres., dom. 95 lbs., f. 125 lbs.; cost, \$236,000; cost mtce., \$1,800; wks. owned by Co.

MOUNDSVILLE, p. 8,918; f. area, 600 a.; merc. bldgs., bk. & stn., 3 stor.; priv., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv.

F. dept.—1 auto. trk., 1 h. & 1 trk., 3 hose reels; hose, cot., rub. lined, 3,100 ft.; f. al., bell; val. equip., \$7,000; tot. mem. 42, pd. full time 2, vol. 40; undra. rating, third class.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; stdp. cap., 151,000 gals., dim. 16 x 100; mat., iron; res. cap., 2,000,000 gals.; 2 pump. eng., class comp., cap. day 2,000,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; 46 hyd.; 120 v.; met., 175; 685 serv.; pipe, lead; pres., dom. 80 to 120 lbs., f. 80 to 120 lbs.; cons. day, 352,000 gals.; cost mtce., \$8,000; wks. owned by Co.

NEW CUMBERLAND, p. 1,807; f. area, 500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; no org. f. dept.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 115,000 gals.; pump. eng., cap. day 85,000 gals.; mains, wrt. i., 2 m., 4 to 6 in. dia.; 11 hyd.; 130 serv.; pipe, lead & galv. i.; pres., 107 lbs.; cost, \$8,000; wks. owned by Co.

NEW MARTINSVILLE, p. 2,178; bldgs., wd. & bk.; wd. rfs. not perm. F. dept.—1 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; tot. mem., 50 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump dir. to mains; stdp. cap., 18,000 barrels; res. cap., 429,000 gals.; 2 pump. eng., class dup., cap. day, 500,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 39 hyd.; 24 v.; 450 serv.; pipe, lead & galv. i.; pres., dom. & f. 110 lbs.; cons. day, 333,333 gals.; cost, \$36,000; cost mtce., \$2,500; wks. owned by city.

PARKERSBURG, p. 17,842; f. area, 2,750 a.; bldgs., bk., 1 to 7 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 3 comb. c. & h. wag., 8 c. hand ex., 1 aer. trk., 1 hose car., 8 hrs. hose, cot., rub. lined, gd., 5,000 ft.; rub. lined, 600 ft.; tot. hose, 5,600 ft.; f. al., Gamewell, 33 bx.; val. equip., \$45,000; exp. dept., \$15,000; tot. mem. 16, pd. full time.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 6,000,000 gals.; 2 pump. eng., class comp., cap. day 10,000,000 gals.; mains, c. i., 30 m., 6 to 20 in. dia.; 331 hyd.; 562 v.; 1,500 met.; pipe, lead; pres., dom. 80 lbs., f. 100 lbs.; cons. day, 2,800,000 gals.; cost, \$455,000; cost mtce., \$16,000; wks. owned by city.

PIEDMONT, p. 2,054; f. area, 300 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 3 & 4 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—3 hand eng., 1 c. eng., 5 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., wh.; val. equip., \$1,800; val. bldgs., \$16,000; exp. dept., \$25; tot. mem., 200 vol.

Water Supply—Src., riv., 5 m. bus. cent.; sys., grav. & pump to res.; res. cap., 500,000 gals.; 2 pump. eng., class dup., cap. day 1,350,000 gals.; mains, c. i., 5 m., 10 in. dia.; 120 hyd.; 80 v.; 700 serv.; pipe, lead; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 300,000 gals.; cost, \$90,000; cost mtce., \$2,200; wks. owned by town & Co.

POINT PLEASANT, p. 2,045; f. area, 300 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in bus. parts; fwks. ord.; causes of f. inv. F. dept.—2 c. ex., 1 h. & 1 trk., 3 hose reels; hose, gd., 3,000 ft.; f. al., wh.; val. equip., \$500; tot. mem., 17 vol.

Water Supply—Src., Ohio riv.; sys., pump to res.; res. cap., 260,000 gals.; pump. eng., cap. day, 600,000 gals.; mains, 5 m.; 35 hyd.; met., 165; 325 serv.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 50,000 gals.; cost, \$60,000, including electric light plant; wks. owned by Co.

ROMNEY, p. 1,120; f. area, 90 a.; merc. bldgs., bk., 2 stor.; priv., wd. & bk., 2 stor.; wd. rfs. not perm. F. dept.—1 hose reel, 1 h. & 1 trk., ladders, 600 ft. hose; tot. mem., 20 vol.

Water Supply—Src., mountain spr.; sys., grav.; 2 res., cap. 115,000 gals. each; mains, $5\frac{1}{2}$ m., $\frac{1}{2}$ to 4 in. dia.; 175 hyd.; pres., f. 85 lbs.; cost, \$15,000; cost mtce., \$500; wks. owned by city.

RONCEVERTE, p. 2,167; bldgs., wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 atm. eng., 1 hose car., 2 hose wag., buckets; hose, cot., gd., 1,000 ft.; f. al., wh.; val. equip., \$8,000; tot. mem., 40.

Water Supply—Src., riv.

ST. MARY'S, p. 1,358. F. dept.—3 hose reels; hose, $2\frac{1}{2}$ in., cot. jacket, gd., 1,700 ft.; tot. mem., 60 vol.

Water Supply—Src., Ohio riv.; sys., grav. & dir.; 2 wd. tk., cap. 64,000 & 100,000 gals., loc. on hill 1 m. pump. station; 1 pump. eng., class trip., cap. day 950,000 gals.; mains, 19,500 ft., 6 to 8 in. dia.; 25 hyd.; pres., dom. 90 lbs., f. 100 lbs.

SALEM, p. 2,169; merc. bldgs., bk., stn. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—Hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., wells; sys., pump to tk.; tk. cap., 90,000 gals., dim. 16 x 24, loc. $\frac{3}{4}$ m. town; 2 pump. eng., class trip., cap. day 672,000 gals.; mains, c. i., $2\frac{1}{2}$ m., 4 in. dia.; 30 hyd.; met. 7; 200 serv.; pipe, lead & iron; pres., dom. 100 lbs., f. 100 lbs.; cost, \$10,000; cost mtce., \$1,500; wks. owned by city.

SHEPHERDSTOWN, p. 1,070; f. area, 125 a.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. eng., 1 h. & 1 trk., 3 hose reels; hose, cot., rub. lined, gd., 700 ft.; rub. gd., 500 ft.; inf., 800 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$8,000; exp. dept., \$50; tot. mem. 50, pd. part time 1, 49 vol.

Water Supply—Src., wells & cisterns; creek runs through town.

SHINNISTON, p. 1,224. F. dept.—Hose, cot. jacket, 1,000 ft.; tot. mem., 20 vol.

Water Supply—Src., West Fork Riv., 500 ft. bus. cent.; sys., grav.; res. cap., 50,000 gals.; 2 pump. eng., cap. hour 20,000 gals. each; mains, 16,000 ft., 4 & 6 in. dia.; 23 hyd.; 54 v.; 52 met.; pres., dom. & f., 115 lbs.; cons. day, 75,000 gals.; cost, \$13,000; cost mtce., \$1,800; wks. owned by priv. Co.

SISTERSVILLE, p. 2,684; f. area, 600 a.; merc. bldgs., bk. & wd.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 7 hose car., reels; hose, cot., rub. lined, 3,000 ft.; inf., 1,000 ft.; tot. hose, 4,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., \$800; tot. mem., 150 vol.

Water Supply—Src., Ohio Riv., $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; res. cap., 1,200,000 gals.; 2 pump. eng., class comp. dup. & trip., cap. day 2,000,000 gals.; mains, c. i., 7 m., 4 to 12 in. dia.; 74 hyd.; 90 v.; 23 met.; 1,124 serv.; pres., dom. & f., 130 lbs.; cost mtce., \$4,000; wks. owned by city.

SPENCER, p. 1,224. F. dept.—2 hose reels; hose, rub., $2\frac{1}{2}$ in., gd., 1,500 ft.; vol.

Water Supply—Src., riv.; sys., pump to res. & dir.; res. cap., 700,000 gals.; 2 pump. eng., cap. day 360,000 gals.; mains, c. i., 3 m., 4 to 6 in. dia.; 24 hyd.; 25 v.; 280 met.; pres., dom. & f., 100 lbs.; cons. day, 125,000 gals.; cost, \$25,000; cost mtce., \$5,000; wks. owned by priv. Co.

SUTTON, p. 1,121. F. dept.—2 hose carts; hose, cot. jacket, 250 ft.; f. al., bell; tot. mem., 24 vol.

Water Supply—Src., Elk riv.; sys., grav.; res. cap., 700,000 gals., elevated 800 ft. above grade; 1 pump. eng., cap. day 1,440,000 gals., class dup.; mains, 8 m., 4 & 6 in. dia.; 23 hyd.; pres., dom. & f. 125 lbs.

THOMAS, p. 2,126. F. dept.—6 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh.; tot. mem., 24 vol.

Water Supply—Src., spr.; sys., pump dir.; res. cap., 171,200 gals.; 3 pump. eng., class dup., cap. 342,400 gals. day; mains, $3\frac{1}{4}$ m., 4 to 6 in. dia.; 30 hyd.; pres., f. 90 to 100 lbs.; cons. day, 73,000 gals.; cost, \$16,000; cost mtce., \$2,000; wks. owned by town.

WEIRTON, p. 2,000. F. dept.—Hose, reel, nozzles, axes, ladders, c. ex.; val. bldgs., \$100; tot. mem., 15 vol.

Water Supply—Src., Ohio riv., 1 m. bus. cent.; sys., pump to stdp.; 3 pump. eng., cap. day 4,000,000 gals.; pres., dom. 60 lbs., f. 140 lbs.; wks. owned by priv. Co.

WELCH, p. 1,526. No f. dept.

Water Supply—Src., well; sys., grav.; tk., 45,000 gals., loc. on hill, 180 ft. high; mains, 4 in. dia.; 12 hyd.; pres., 80 lbs.

WELLSBURG, p. 4,189; bldgs. bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 500 ft.; inf., 500 ft.; tot. hose, 1,000 ft.; f. al., telp.; tot. mem., 25 vol.; undrs. rating, fourth class.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 1,728,000 gals., loc. on side of hill; 3 pump. eng., class dup., cap. day 3,000,000 gals.; mains, c. i., $11\frac{1}{2}$ m., 4 to 10 in. dia.; 62 hyd.; 66 v.; met., 72; 900 serv.; pipe, lead; pres., dom. 120 lbs.; f. 120 lbs.; cons. day, 900,000 gals.; cost, \$62,000; cost mtce., \$1,445; wks. owned by city.

WESTON, p. 2,218; f. area, $2\frac{1}{2}$ a.; bldgs. bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—6 hose reels, 8 hand ex.; hose, cot., rub. lined, gd., 2,400 ft.; 50 vol.

Water Supply—Src., riv., sys., pump to res. & dir.; res. cap., 580,000 gals., loc. on hill east of town; 5 pump. eng., class comp. dup., cap. day 5,500,000 gals.; mains, 7 m., 4 to 8 in. dia.; 42 hyd.; met., 30; 400 serv.; pres., dom. 115 lbs., f. 125 lbs.; cons. day, 400,000 gals.; cost, \$60,000; wks. owned by Co.

WHEELING, p. 41,641; f. area, 2,100 a.; merc. bldgs., bk., 1 to 12 stor.; priv. bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 chief's

auto., 5 str., 6 comb. c. & h. wag., 1 c. eng., 20 c. hand ex., 1 h. & l. trk., 1 aer. trk., 3 hose wag. in reserve, 1 chief's wag., 7 exercise & fuel wag., 34 bra.; hose, cot., rub. lined, gd., 19,000 ft.; f. al., Gamewell, 109 bx.; val. equip., \$80,000; val. bldgs., \$67,000; exp. dept., \$64,542; tot. mem., 51, pd. full time.

Water Supply—Src., riv., 2 m. bus. cent.; sys., pump to res. & dir.; res. cap., 3,600,000 gals.; 4 pump. eng., cap. day, 47,000,000 gals.; mains, c. i., 52 m., 4 to 30 in. dia.; 458 hyd.; met., 102; 10,215 serv.; pipe, lead; pres., dom. 60 lbs., f. 90 lbs.; cons. day, 17,000,000 gals.; cost, \$1,350,000; cost mtce., \$80,000; wks. owned by city.

WILLIAMSON, p. 3,561; frame & iron-clad bldgs. prohibited. F. dept.—8 hose reels, 1 h. & l. trk.; hose, cot. jacket, gd., 2,000 ft.; tot. mem., 24 vol.

Water Supply—Src., Tug Fork, Big Sandy riv.; sys., grav. & dir.; res. cap., 225,000 gals., loc. 180 ft. above street grade; 2 pump. eng., class dup., cap. hour 48,000 gals.; mains, 21,400 ft., 4 to 8 in. dia.; 41 hyd.; pres., dom. 75 lbs., f. 75 to 80 lbs.

Places with a population of 1,000 or more having no organized fire dept.—Ansted, Eagle, Ravenswood, Winona.

Places with a population of 1,000 or more not reported.—Elkhorn, Maybury.

WISCONSIN

ABBOTSFORD, p. 947; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv. wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk.; hose, cot., rub. lined, gd., 400 ft.; inf., 600 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$600; tot. mem., 38 vol.

No waterwks.

ALBANY, p. 669; f. area, 600 a.; merc. bldgs., bk., 1 to 3 stor.; priv. wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 1 c. hand ex., 2 hose wag.; hose, rub., gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$800; tot. mem., 40 vol.

Water Supply—Src., Sugar Riv.; sys., pump dir.; stdp. cap., 60,000 gals.; 1 pump. eng.; mains, 5 m., 4 to 6 in. dia.; 25 hyd.; 25 v.; 10 met.; 10 serv.; pipe, c. i.; wks. owned by city.

ALGOMA, p. 2,082; f. area, 80 a.; merc. bldgs., bk., 2 to 4 stor.; priv. bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 3 hose cart.; hose, cot., rub. lined, 1,600 ft.; rub. gd., 500 ft.; inf., 300 ft.; tot. hose, 2,400 ft.; f. al., bell & wh.; val. equip., \$3,500; exp. dept., \$435; tot. mem., 25, pd. part time.

Water Supply—Src., artesian well, 80 rods bus. cent.; sys., pump dir.; res. cap., 87,000 gals.; 2 pump. eng., cap. day, 1,000,000 gals.; mains, c. i., $3\frac{1}{2}$ m., 4 to 10 in. dia.; 38 hyd.; 45 v.; 204 met.; 204 serv.; pipe, galv. i.; pres., dom. 40 to 45 lbs., f. 80 to 100 lbs.; cons. day, 25,000 gals.; cost, \$50,000; cost mtce., \$400; wks. owned by city.

ALMA, p. 1,101; f. area, 960 a.; bldgs., stn., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 stn. eng., 1 hand eng., 1 h. & l. trk., 2 hose carts, 1 hose wag., 1 heater, 1 hand pump; hose, 1,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,800; exp. dept., \$178; tot. mem., 42 vol.

Water Supply—Src., well; sys., pump to stdp. & dir.; 1 pump. eng., cap. day 144,000 gals.; mains, 6 to 8 in. dia.; pres., 87 lbs.

ALMOND, p. 527; f. area, $1\frac{1}{2}$ sq. m. F. dept.—1 hand c. eng., ladders, axes, pails, &c.; f. al., bell; val. equip., \$800; val. bldgs., \$500; exp. dept., \$50; tot. mem., 25 vol.; undrs. rating, fifth class.

No waterwks.

AMHERST, p. 629. F. dept.—1 h. & l. trk., 2 reels; hose, 1,000 ft.; f. al., bell; tot. mem., 23 vol., pd. full time 1; undrs. rating, $4\frac{1}{2}$ class.

Water Supply—Src., Waupaco riv.; sys., dir.; 1 pump. eng., cap. day 1,296,000 gals.; mains, 3,120 ft., 6 in. dia.; 12 hyd.; pres., f. 125 lbs.

ANTIGO, p. 7,196; f. area, 1,800 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 6 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car., 3 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 1,000 ft.; tot. hose, 6,000 ft.; f. al., telp. & wh., 1 bx.; val. equip., \$8,500; val. bldgs., \$15,000; exp. dept., \$5,000; tot. mem., 15, pd. part time 7, 8 vol.; undrs. rating, third class.

Water Supply—Src., wells, 5 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 150,000 gals., dim. 106 x 16, loc. at station; mat., stl.; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; 105 hyd.; 68 v.; met., 8; 678 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 80 to 100 lbs.; cons. day, 525,000 gals.; cost, \$135,000; cost mtce., \$10,000; wks. owned by Co.

APPLETON, p. 16,773; f. area, 1,800 a.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv. wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 5 c. hand ex., 1 h. & l. trk., 1 chief's wag., 3 hose wag., 11 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gaynor, 68 bx.; val. equip., \$20,000; val. bldgs., \$80,000; exp. dept., \$24,000; tot. mem., 20, pd. full time.

Water Supply—Src., riv., wells; sys., pump dir.; res. cap., 2,500,000 gals.; pump. eng., cap. day 8,000,000 gals.; mains, 25 m., 4 to 16 in. dia.; 250 hyd.; met., 500; pres., dom. 60 lbs., f. 80 to 100 lbs.; cost, \$800,000; wks. owned by city.

ARCADIA, p. 1,212; f. area, 200 a.; merc. bldgs., bk., stn., wd., 2 stor.; priv. wd., 2 stor.; wd. rfs. not perm. on new bldgs.; fwks. ord. F. dept.—2 hose carts, 1,200 ft. hose; 31 vol.

Water Supply—Src., well; sys., grav.; res. cap., 175,000 gals.; 28 hyd.; f. pres., 92 lbs.

ARLINGTON, p. 150; merc. bldgs., bk., 1 & 2 stor.; priv. wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand pump, 1 c. hand ex., 1 aer. trk., 1 hose wag.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$200; tot. mem., 26 vol.

Water Supply—Not reported.

ASHLAND, p. 11,594; f. area, 15,360 a.; merc. bldgs., wd., bk. & stn., 1 to 3 stor.; priv. wd., stn. & bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose carts, 3 hose wag., 10 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 32 bx.; val. equip., \$20,000; val. bldgs., \$15,000; exp. dept., \$15,600; tot. mem., 24, pd. full time 15, pd. part time 9.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump dir.; 3 pump. eng., cap. day 7,000,000 gals.; mains, c. i., 30 m., 6 to 20 in. dia.; 247 hyd.;

180 v.; met., 600; 2,100 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 125 lbs.; cons. day, 1,250,000 gals.; wks. owned by Co.

ATHENS, p. 904. F. dept.—1 gasoline eng., 1 hand eng., 1 c. ex.; hose, 2,000 ft.; f. al., telp., bell; tot. mem., 40 vol.; undrs. rating, 4½ class. Water Supply—Src., cisterns; waterwks. not reported.

AUGUSTA, p. 1,405; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$800; tot. mem., 22 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp. & dir.; mains, c. i., 3 m., 4 to 10 in. dia.; 27 hyd.; pres., dom. 60 lbs.; cost, \$12,500; wks. owned by city.

BALDWIN, p. 584; f. area, 80 a.; merc. bldgs., bk., 1 stor.; priv., wd., 1½ stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose carts, 1,500 ft. hose, pails; f. al., telp. & bell; val. equip., \$1,500; val. bldgs., \$1,200; exp. dept., \$150; tot. mem., 25 vol.

Water Supply—Src., well, 1 block bus. cent.; sys., pump dir.; res. cap., 24,500 gals., loc. end of Main street; pump. eng., cap. day 44,640 gals.; mains, c. i., 2 m., 4 to 6 in. dia.; 23 hyd.; 10 v.; 6 serv.; pipe, galv. i.; pres., dom. 37 lbs., f. 40 lbs.; cost, \$11,541; cost mtce., \$500; wks. owned by village.

BANGOR, p. 692; f. area, 320 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 4 c. ex., 3 hose car.; hose, cot., 400 ft.; f. al., Gamewell, 11 bx.; val. equip., \$1,500; val. bldgs., \$100; exp. dept., \$100; tot. mem., 40 vol.

Water Supply—Src., 2 wells, in bus. cent.; sys., pump to res. & dir.; res. cap., 8,000 gals., loc. cent. village; 2 pump. eng., class dup., cap. day 576,000 gals.; mains, c. i., 15 blocks, 6 in. dia.; 15 hyd.; pres., dom. 20 lbs., f. 110 lbs.; wks. owned by city.

SARABOO, p. 6,324; f. area, 15 a.; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. hand ex., 1 c. eng., 5 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; inf., 600 ft.; tot. hose, 1,800 ft.; f. al., telp.; val. equip., \$2,000; val. bldgs., \$3,500; exp. dept., \$200; tot. mem., 40 vol.; undrs. rating, third class.

Water Supply—Src., spr., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 3,000,000 gals., dim. 30 x 60; mat., stl.; 3 pump. eng., cap. day 6,000,000 gals.; mains, c. i., 11½ m., 4 to 12 in. dia.; 121 hyd.; 400 met.; 1,000 serv.; pipe, lead & galv. i.; pres., dom. 75 lbs., f. 104 lbs.; cons. day, 600,000 gals.; cost, \$125,000; cost mtce., \$3,000; wks. owned by city.

BARRON, p. 1,449; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 1 to 2 stor.; priv., stn., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 3 c. hand ex., 1 h. & l. trk., 5 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; inf., 600 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$3,500; exp. dept., \$210; tot. mem., 38 vol.

Water Supply—Src., spr., ½ m. bus. cent.; sys., grav., pump to stdp. & dir.; stdp. cap., 31,500 gals.; 1 pump. eng., class dup.; mains, iron, 3 m., 4 to 6 in. dia.; 23 hyd.; 125 serv.; pres., dom. 43 lbs., f. 100 lbs.; cons. day, 75,000 gals.; cost, \$5,000; cost mtce., \$500; wks. owned by city.

BAYFIELD, p. 1,689; f. area, 240 a.; bldgs., stn. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh. & bell; val. equip., \$3,000; val. bldgs., \$4,000; tot. mem., 24 vol.

Water Supply—Src., Lake Superior; sys., pump to res.; res. cap., 160,000 gals.; 2 pump. eng., class dup.; mains, 4½ m.; 40 hyd.; met., 40; 325 serv.; pres., dom. 40 to 128 lbs., f. 60 to 140 lbs.; cons. day, 80,000 gals.; cost, \$38,000; wks. owned by city.

BEAVER DAM, p. 6,758; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F.

dept.—1 h. & l. trk., 1 hose cart, 1 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; exp. dept., \$800; tot. mem., 32 vol.

Water Supply—Src., wells & spr., 1½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 200,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 15 m., 4 to 12 in. dia.; 146 hyd.; met., 13; 1,230 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 130 lbs.; cost, \$65,000; wks. owned by Co.

BELGIUM, p. 500. F. dept.—1 c. hand ex., 1 hand eng., 1 hose wag., ladders, buckets, 500 ft. hose; f. al., bell; val. equip., \$1,000; val. bldgs., \$1,900; tot. mem., 24 vol.

Water Supply—Src. res.

BELLEVILLE, p. 414; f. area, 320 a. F. dept.—1 h. & l. trk., 2 hose carts, 1,000 ft. hose; val. equip., \$1,500; tot. mem., 50 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 150,000 gals.; 14 hyd.; mains, 9,649 ft.; pres., dom. 60 lbs., f. 76 lbs.; cost, \$16,100; wks. owned by city.

BELMONT, p. 532; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 750 ft.; f. al., bell & wh.; val. equip., \$1,000; val. bldgs., \$200; tot. mem., 21 vol.

Water Supply—Src., wells; sys., pump to res., cap. 60,000 gals.; 1½ m. mains, 4 to 6 in. dia.; 15 hyd.; 75 serv.; cost, \$6,000; cost mtce., \$40; wks. owned by city.

BELOIT, p. 15,125; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 auto. comb. c. & h. wag., 10 c. hand ex., 1 h. & l. trk., 2 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 350 ft.; tot. hose, 5,350 ft.; f. al., Gamewell, 70 bx.; val. equip., \$30,000; val. bldgs., \$12,000; exp. dept., \$17,000; tot. mem., 16, pd. full time 14, pd. part time 2.

Water Supply—Src., spr. & wells, ¼ m. bus. cent.; sys., pump to res. & dir.; stdp. cap., 100,000 gals.; res. cap., 500,000 gals.; 9 pump. eng., cap. day 8,000,000 gals.; mains, c. i. & wrt. i., 26.5 m., 1 in. to 16 in. dia.; 207 hyd.; 2,165 serv.; pipe, lead; pres., dom. 50 lbs., f. 75 to 100 lbs.; wks. owned by Beloit Water, Gas & Electric Co.

BENTON, p. 1,000. F. dept.—1,000 ft. hose; val. equip., \$700; tot. mem., 22 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 25 hyd.; mains, 1½ m.; pres., 45 lbs.; wks. owned by village.

BERLIN, p. 4,636; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 3 c. hand ex., 1 hose wag., 1 hose cart, 4 hrs.; hose, cot., rub. lined, 3,500 ft.; f. al., bell & wh.; val. equip., \$8,500; val. bldgs., \$2,000; tot. mem., 22, pd. full time 2, pd. part time 20.

Water Supply—Src., 2 artesian wells; sys., grav. & pump dir.; res. cap., 3,000,000 gals.; 2 pump. eng., class dup., cap. day 2,000,000 gals.; mains, 9½ m., 4 to 12 in. dia.; 84 hyd.; met., 320; 478 serv.; pres., dom. 45 to 60 lbs., f. 80 to 120 lbs.; cons. day, 170,000 gals.; cost, \$61,000; cost mtce., \$4,258; wks. owned by city.

BLACK CREEK, p. 516; f. area, 180 a.; merc. bldgs., bk. & stn., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose car.; hose, rub. lined, gd., 750 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$3,000; exp. dept., \$100; tot. mem., 24 vol.

Water Supply—Src., 8 res.

BLACK RIVER FALLS, p. 1,917; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., bk., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 5 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 1,400 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$3,500; tot. mem., 40 vol.; undrs. rating, third class.

Water Supply—Src., creek, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 160,000 gals., dim. 16 x 100, loc. northwest of city; mat., iron; 2 pump. eng., class, 1 trip, 1 dup., cap. day 1,000,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 24 hyd.; 32 v.; met., 90; 420 serv.; pipe, galv. i.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 120,000

gals.; cost, \$35,000; cost mtce., \$1,000; wks. owned by city.

BLOOMER, p. 1,204; merc. bldgs., bk., 2 stor.; priv. wd., 1½ stor.; wd. rfs. not perm. in f. area; combt. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 400 ft.; rub. gd., 500 ft.; tot. hose, 1,900 ft.; f. al., telp. & bell; val. equip., \$1,200; val. bldgs., \$800; exp. dept., \$100; tot. mem., 24 vol.

Water Supply—Src., ponds; sys., pump to stdp. & dir.; pump. eng.; 16 hyd.; pres., f. 90 to 126 lbs.; cost, \$21,000; wks. owned by city.

BOSCOBEL, p. 1,525; f. area, 80 a.; merc. bldgs., stn., bk. & wd., 1 to 8 stor.; priv., bk. & wd., 1 to 8 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 2 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,650 ft.; inf., 600 ft.; tot. hose, 2,250 ft.; f. al., bell & wh.; val. equip., \$4,500; val. bldgs., \$2,500; exp. dept., \$250; tot. mem., 154 vol.

Water Supply—Src., well, 4 blocks bus. cent.; sys., dir. pres.; res. cap., 100,000 gals.; 1 pump. eng., class trip., cap. day, 518,400 gals.; mains, c. i., 4 to 8 in. dia.; 50 hyd.; 14 v.; 35 met.; 40 serv.; pipe, c. i.; pres., dom. & f. 80 lbs.; cost, \$24,000; wks. owned by city.

BRANDON, p. 684. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose cart; hose, 500 ft.; f. al., telp., bell; tot. mem., 25 vol.

Water Supply—Src., cisterns.

BRILLION, p. 998; f. area, 1 sq. m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 to 8 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,400 ft.; inf., 600 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$300; tot. mem., 50 vol.

Water Supply—Src., wells & cisterns.

BRISTOL, p. est. 250; f. area, 40 a.; bldgs., wd., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 hand eng., 18 c. ex., 1 h. & l. trk., 1 hose cart; hose, cot., 200 ft.; f. al., bell; val. equip., \$300; exp. dept., \$350; tot. mem., 25 vol.

Water Supply—Src., 6 cisterns, holding 200 bbls. each.

BRODHEAD, p. 1,517; bldgs., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell; exp. dept., \$250; tot. mem., 40 vol.

Water Supply—Src., well, in cent. of city; sys., pump dir.; pump. eng., cap. day 432,000 gals.; mains, iron, 5 m., 2 to 8 in. dia.; 35 hyd.; 175 serv.; pipe, lead; pres., dom. 40 lbs., f. 120 lbs.; cost, \$20,000; cost mtce., \$1,100; wks. owned by city.

BRUCE, p. 565. F. dept.—1 h. & l. trk., 2 hose reels; hose, 800 ft.; f. al., telp., wh.; tot. mem., 34 vol.; undra. rating, 4½ class.

Water Supply—Src., well; sys., dir.; res. cap., 50,000 gals.; 1 pump. eng., class dup., cap. day 72,000 gals.; mains, 2½ m., 4 to 8 in. dia.; 8 hyd.; f. pres., 100 lbs.

BURLINGTON, p. 3,212; merc. bldgs., bk. & stn., 2 stor.; priv., bk. & stn., 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; f. al., telp.; val. equip., \$5,000; val. bldgs., \$8,000; exp. dept., \$500; tot. mem., 45 vol.; undra. rating, fourth class.

Water Supply—Src., well, in cent. city; sys., pump to stdp.; stdp. cap., 80,000 gals., dim. 30 x 30 x 30; pump. eng., cap. day 1,000,000 gals.; mains, c. i., 8½ m., 4 to 8 in. dia.; 60 hyd.; 35 v.; met., 420; 408 serv.; pipe, lead; pres., f. 74 lbs.; cost, \$40,000; wks. owned by city.

BUTTERNUT, p. 717; merc. bldgs., cem. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hand eng., 6 c. ex., 1 h. & l. trk., 1 hose car., force pumps; hose, rub., 700 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$2,000; tot. mem., 47 vol.

Water Supply—Src., wells & cisterns.

CADOTT, p. 765; f. area, 640 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 hand eng., 1 h. & l. trk., 1 hose car., hooks, ladders & axes;

hose, 1,500 ft.; f. al., bell; val. equip., \$850; val. bldgs., \$300; tot. mem., 30 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., grav. & pump to res. & dir.; res. cap., 60,000 gals., loc. edge of cent. of town; pump. eng., cap. day, 300,000 gals.; mains, c. i., 2 m., 4 to 6 in. dia.; 22 hyd.; 10 v.; 2 met.; 120 serv.; pipe, galv. i.; pres., dom. 60 to 70 lbs., f. 80 lbs.; cons. day, 25,000 gals.; cost, \$15,000; cost mtce., \$400; wks. owned by village.

CAMERON, p. 562; f. area, 720 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 hose reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,250 ft.; f. al., bell; val. equip., \$2,100; val. bldgs., \$2,000; tot. mem., 25 vol.; undra. rating, third class.

Water Supply—Not reported.

CASHTON. F. dept. not reported.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 85,000 gals.; mat., wd.; res. cap., 85,000 gals.; pump. eng., cap. day 40,000 gals.; mains, c. i., 5 m., ¼ to 6 in. dia.; 1 hyd.; 4 v.; met., 14; 200 serv.; pipe, iron; pres., dom. 20 to 30 lbs., f. 125 lbs.; cons. day, 15,000 gals.; cost, \$25,000; cost mtce., \$200; wks. owned by city.

CASSVILLE, p. 890; f. area, 1 sq. m.; mere. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—2 hose carts; hose, cot., 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$400; tot. mem., 30 vol.

Water Supply—Src., artesian well, in cent. of town; sys., pump to res., cap. 65,000 gals.; pump. eng., cap. day 750,000 gals.; 2 m. mains, 4 to 6 in. dia.; 26 serv.; pres., 75 to 80 lbs.; cost, \$9,000; wks. owned by city.

CEDARBURG, p. 1,777; f. area, 800 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 2 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; linen, gd., 500 ft.; rub., gd., 200 ft.; inf., 1,400 ft.; tot. hose, 4,100 ft.; f. al., wh. & elec. bell; val. equip., \$3,775; val. bldgs., \$5,000; exp. dept., \$1,675; tot. mem., 63, pd. full time 1½ vol. 62; undra. rating, third class.

Water Supply—Src., creek, in bus. cent.; sys., pump to stdp. & dir.; 1 hyd.; 2 serv.; cost, \$2,500; wks. owned by city.

CEDAR GROVE, p. 500. F. dept.—1 hand pump, 7 c. hand ex., axes, hose, &c.; val. equip., \$300; exp. dept., \$75; tot. mem., 75 vol.

Water Supply—Src., wells & creek.

CHETEK, p. 900; f. area, 80 a. F. dept.—2 hose carts, ladders, axes, etc., 1,400 ft. hose; tot. mem., 21 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 10 hyd.; pres., dom. & f., 65 lbs.; wks. owned by city.

CHILTON, p. 1,530; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; tin rfs.; no fwks. ord. F. dept.—1 stm. eng., 1 hand eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell; tot. mem., 60 vol.

Water Supply—Src., riv., res.

CHIPPEWA FALLS, p. 8,898; f. area, 60 a.; bldgs., bk. & stn., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 8 hose wag., 2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 28 bx.; val. equip., \$8,000; val. bldgs., \$13,000; exp. dept., \$1,100; tot. mem., 12, pd. full time 7, vol. 5; undra. rating, third class.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 865,000 gals.; 3 pump. eng., cap. day 8,000,000 gals.; mains, 18½ m., 6 to 12 in. dia.; 165 hyd.; 56 v.; 150 met.; 1,700 serv.; pres., dom. 80 lbs.; wks. owned by Co.

CLINTON, p. 897; bldgs., wd., 1 & 2 stor.; wd. rfs. perm. F. dept.—1 h. & l. trk., 8 hose carts; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., well, 1 block bus. cent.; sys., pump to res., then to stdp.; stdp. cap., 63,000 gals., dim. 20 x 24; mat., wd.; res. cap., 60,000

gals.; pump. eng., cap. day 30,000 gals.; mains, c. i. 3½ m., 4 to 8 in. dia.; 28 hyd.; 15 v.; met., 16; 121 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 60 lbs.; cons. day, 21,000 gals.; cost, \$17,000; cost mtce., \$755; wks. owned by city.

CLINTONVILLE, p. 1,747; f. area, 640 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. rfa. not perm.; fwks. ord.; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, 500 ft.; inf., 800 ft.; cot., 2,000 ft.; inf., 100 ft.; tot. hose, 3,400 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$7,000; exp. dept., \$300; tot. mem., 26 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals., dim. 30 x 12, mat. iron; 1 pump. eng., cap. day, 2,016,000 gals.; mains, c. i., 2½ m., 4 to 10 in. dia.; 29 hyd.; 60 met.; 60 serv.; pres., dom. 65 lbs., f. 140 lbs.; cons. day, 25,000 gals.; cost, \$35,000; cost mtce., \$200; wks. owned by city.

CLYMAN, p. 185; f. area, 85 a.; merc. bldgs., frame, 2 stor.; priv., frame, 1½ to 2 stor.; wd. rfa. perm. in f. area. F. dept.—1 water tower; val. bldgs., \$4,000.

COCHRANE, p. 260; f. area, 320 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., conc. & wd., 1 & 2 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand pump, c. hand ex., 2 hose wag.; hose, cot., rub. lined, 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$100; tot. mem., 40 vol.

Water Supply—Not reported.

COLBY, p. 869; f. area, 640 a.; bldgs., principally wd., 2 stor.; wd. rfa. perm. in f. limits; no fwks. ord. F. dept.—1 h. & l. trk., 1 hose car., 1 hose wag.; hose, linen, 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell & wh.; val. equip., \$1,300; val. bldgs., \$700; exp. dept., \$200; tot. mem., 28 vol.

Water Supply—Src., wells & cisterns; 16 hyd.; Electric Light & Waterworks plant.

COLFAX, p. 701; f. area, 663; merc. bldgs., str. & wd., 1 & 2 stor.; priv., str. & wd., 1 & 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., c. hand ex., 1 hose wag.; hose, cot., rub. lined, 1,000 ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$1,200; exp. dept., \$200; tot. mem., 25 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 40,000 gals., dim. 17 x 27; 1 pump. eng., cap. day 234,720 gals.; mains, c. i., 6,899 ft., 2 to 8 in. dia.; 13 hyd.; 21 v.; pipe, c. i.; pres., dom. & f., 50 lbs.; cons. day, 9,500 gals.; cost, \$14,000; cost mtce., \$900; wks. owned by city.

COLUMBUS, p. 2,523; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 c. hand ex., 3 hose carts; hose, cot., rub. lined, 2,600 ft.; f. al., bell & wh.; val. equip., \$6,250; val. bldgs., \$16,000; exp. dept., \$335; tot. mem., 60, pd. part time 1, vol. 59.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 70,000 gals.; 2 pump. eng., cap. day, 1,500,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 52 hyd.; met., 350; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 75,000 gals.; cost, \$53,000; cost mtce., \$2,000; wks. owned by city.

COON VALLEY, p. 1,000; f. area, 640 a. F. dept.—hose carts, hose; val. equip., \$700; tot. mem., 26 vol.

Water Supply—Src., artesian well, in bus. cent.; sys., pump dir.; 1 pump. eng.; 8 hyd.; 12 v.; mains, 2,500 ft.; pres., dom., 85 lbs.; cost, \$3,000; wks. owned by city.

CROSS PLAINS, p. 950; f. area, 240 a. F. dept.—1 h. & l. trk., axes, buckets, 500 ft. hose; val. equip., \$500; val. bldgs., \$300; exp. dept., \$100; tot. mem., 25 vol.

Water Supply—Src., pond & str., 1 m. bus. cent.; sys., pump; 2 pump. eng.; wks. owned by priv. Co.

CUDAHY, p. 3,691; bldgs., bk. & wd. F. dept.—1 c. eng., 1 h. & l. trk., 1 comb. c. & h. wag., 1 hose car., 5 hrs.; hose, 2,200 ft.; f. al., bell & wh.; tot. mem., 26 vol.

Water Supply—Src., lake; sys., dir. pres.; cap.

day, 5,000,000 gals.; 75 hyd.; city of Milwaukee sends aid in case of f.

CUMBERLAND, p. 1,445; f. area, 250 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 1½ stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, 1,500 ft.; f. al., wh. & telp.; val. equip., 2,000; val. bldgs., \$5,000; tot. mem., 25 vol.; undra. rating, third class.

Water Supply—Src., well, ½ m. bus. cent.; sys., pump to res. & dir.; res. cap., 67,000 gals.; 2 pump. eng., cap. day 3,314,000 gals.; mains, 1½ m., 4 to 8 in. dia.; 17 hyd.; 100 serv.; pres., dom. 41 lbs., f. 150 lbs.; cost, \$15,000; cost mtce., \$600; wks. owned by city.

DALLAS, p. 350; f. area, 40 a. F. dept.—1 c. eng., 1 hose cart, 1 h. & l. trk., 1,500 ft. hose; f. al., bell; val. equip., \$2,000; exp. dept., \$65; tot. mem., 25, pd. \$5.00 year.

Water Supply—Src., pond.

DARLINGTON, p. 1,808; f. area, 160 a.; merc. bldgs., str., bk. & wd., 1 to 3 stor.; priv., str. & wd., 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 2 hose carts; hose, cot., rub. lined, 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 60, pd. part time.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump to res.; res. cap., 120,000 gals.; pump. eng., cap. day 100,000 gals.; mains, c. i., 3½ m., 4 to 8 in. dia.; 26 hyd.; 9 v.; met., 6; 52 serv.; pipe, wrt. i.; pres., dom. 65 lbs., f. 100 lbs.; cost, \$20,000; cost mtce., \$1,200; wks. owned by city.

DEERFIELD, p. 533; merc. bldgs., bk. & wd., 2 & 3 stor.; wd. rfa. not perm. in f. limits; no fwks. ord. F. dept.—1 h. & l. trk., 2 hose car., 1 hose wag.; hose, rub., 1,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$400; tot. mem., 21 vol.

Water Supply—Src., wells; sys., pump to tk.

DE FOREST, F. dept.—Not reported.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals.; mat., wd.; 1 pump. eng., cap. day 37,500 gals.; mains, c. i., 2 to 6 in. dia.; 11 hyd.; 5 v.; 45 serv.; wks. owned by city.

DELAVER, p. 2,450; f. area, 1 m.; merc. bldgs., bk., 1 to 3 stor.; priv., wd. & bk., 2 stor.; wd. rfa. not perm.; fwks. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 1 aer. trk., 3 hose car.; hose, cot., rub. lined, 1,600 ft.; inf., 450 ft.; tot. hose, 2,050 ft.; f. al., wh. & bell; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$1,500; tot. mem., 44 vol.; undra. rating, third class.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals., dim. 20 x 20; pump. eng., class dup., cap. day 140,000 gals.; mains, c. i., 12 m., 4 to 8 in. dia.; 67 hyd.; 9 v.; 420 met.; 422 serv.; pipe, lead & iron; pres., dom. 50 lbs., f. 120 lbs.; cons. day, 85,000 gals.; cost, \$31,000; cost mtce., \$600; wks. owned by city.

DE PERE, p. 4,764; f. area, 2,000 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfa. not perm.; combt. ord.; causes of f. not inv. F. dept.—1 str., 1 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose reel; hose, cot., rub. lined, 2,000 ft.; f. al., bell & wh.; val. equip., \$6,500; val. bldgs., \$10,000; exp. dept., \$2,000; tot. mem., 20 vol.

Water Supply—Src., wells; sys., pump to res. & stdp.; res. cap., 50,000 gals.; stdp. cap., 50,000 gals.; pump. eng., cap. 500 gals. min.; mains, 10½ m., 4 to 12 in. dia.; 91 hyd.; 464 serv.; pres., dom. 60 lbs., f. 65 lbs.; cost, \$73,000; cost mtce., \$4,400; wks. owned by city.

DODGEVILLE, p. 1,791; f. area, 640 a.; merc. bldgs., str., bk. & wd., 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—8 c. hand ex., 3 h. & l. trk., 3 hose reels; hose, cot., rub. lined, 2,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$50; tot. mem., 31 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., grav. & pump dir.; stdp. cap., 60,000 gals.; res. cap., 60,000 gals.; pump. eng., cap. day 500,000 gals.; mains, iron, 2 m., 4 to 8 in. dia.; 43 serv.; pipe, iron & lead; pres., dom. 60 lbs., f. 200 lbs.; cost, \$20,500; cost mtce., \$200; wks. owned by city.

DURAND, p. 1,503; f. area, 200 a.; merc. bldgs., wd., bk. & str., 2 stor.; priv., wd., 1½ & 2 stor.;

wd. rfs. not perm. in f. limits. F. dept.—1 stm. eng., 1 h. & 1 trk., 2 hose car. 1 supply wag.; hose, 2,000 ft.; f. al. bell; val. equip., \$4,000; val. bldgs., \$3,000; tot. mem. \$5, pd. part time 1, vol. 34; undrs. rating, fourth class.

Water Supply—Src., well, in bus. cent.; sys., grav.; res. cap., 132,000 gals.; 1 pump. eng., cap. day, 360,000 gals.; mains, iron, 3 m., 6 to 8 in. dia.; 81 hyd.; 81 met.; pipe, iron; pres., dom. 80 lbs.; f. 95 lbs.; cost, \$22,500; cost mtce., \$300; wks. owned by city.

EAGLE RIVER, p. 1,200; f. area, 1,000 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 1/2 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—3 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh., 2 bx.; val. equip., \$5,515; val. bldgs., \$2,000; exp. dept., \$700; tot. mem. 10, pd. part time.

Water Supply—Src., riv., 500 ft. bus. cent.; sys., pump dir.; pump. eng., cap. day 12,000,000 gals.; mains, sheet i., 2 1/2 m., 6 to 8 in. dia.; 25 hyd.; 100 serv.; pipe, galv. i.; pres., dom. 50 lbs.; f. 800 lbs.; cost, \$20,000; cost mtce., \$3,500; wks. owned by city.

EATON, p. 300; f. area, 600 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 comb. c. & h. wag., 6 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose reels, 4 hrs.; hose, rub. gd., 300 ft.; inf., 500 ft.; tot. hose, 900 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$200; exp. dept., \$75; tot. mem. 85, pd. full time 15, vol. 20; undrs. rating, fourth class.

Water Supply—Not reported.

EAU CLAIRE, p. 18,310; merc. bldgs., bk. 2 & 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. not perm. in f. area. F. dept.—1 str., 4 c. hand ex., 1 h. & 1 trk., 1 auto. comb. c. & h. wag., 3 hose wag., 2 hose car., 14 hrs.; hose, cot., rub. lined, gd., 8,500 ft.; f. al., Gamewell, 39 bx.; val. equip., \$25,000; val. bldgs., \$19,000; exp. dept., \$20,000; tot. mem. 20, pd. full time; undrs. rating, third class.

Water Supply—Src., wells, 2 m. bus. cent.; sys., pump dir.; 4 pump. eng., class trip, cap. day 3,000,000 gals.; mains, c. i., 39 m., 4 to 20 in. dia.; 400 hyd.; 260 v.; met., 1,870; 2,745 serv.; pipe, galv. i. & lead; pres., dom. 70 lbs.; f. 100 to 130 lbs.; cons. day, 2,500,000 gals.; wks. owned by city.

EDGAR, p. 950; f. area, 28 a. F. dept.—1 c. eng., 1 hose cart, 1 h. & 1 trk., 1,500 ft. hose; val. equip., \$2,800; val. bldgs., \$650; exp. dept., \$190; tot. mem. 23, pd. part time.

Water Supply—Src., cisterna.

EDGERTON, p. 2,513; f. area, 960 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 12 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$4,500; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 33 vol.; undrs. rating, third class.

Water Supply—Src., well, 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 120,000 gals., dim. 16 x 80; pump. eng., cap. day 1,500,000 gals.; mains, c. i., 4 m., 4 to 10 in. dia.; 40 hyd.; 12 v.; 300 serv.; pres., dom. 65 lbs.; f. 100 lbs.; cons. day, 125,000 gals.; cost, \$23,500; cost mtce., \$2,000; wks. owned by city.

ELKHORN, p. 1,707; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—2 c. ex., 1 h. & 1 trk., 2 hose car., 1 water tower; hose, cot., rub. lined, 1,200 ft.; f. al., bell; & wh.; val. equip., \$2,200; val. bldgs., \$3,000; tot. mem., 50 vol.

Water Supply—Src., wells; sys., pump to stdp. & res.; stdp. cap., 75,000 gals., dim. 16 x 50 ft.; mat., srl.; 2 res., cap. 100,000 gals. & 30,000 gals.; 2 pumps, cap. day, 150,000 gals. each; mains, c. i., 5 m., 4 to 8 in. dia.; 40 hyd.; 15 v.; met., 200; pres., dom. 55 lbs.; f. 150 lbs.; cons. day, 45,000 gals.; cost, \$25,000; cost mtce., \$5,500; wks. owned by city.

ELLSWORTH, p. 1,005; f. area, 900 a.; bldgs., wd.; wd. rfs. perm. F. dept.—1 str., 1 h. & 1 trk., 2 hose car.; hose, gd., 2,000 ft.; f. al., bell; tot. mem., 70 vol.

Water Supply—Src., well; sys., pump to stdp. & dir.; stdp. cap., 75,000 gals.; 1 pump. eng., cap. 45 gals. min.; mains, 2 1/4 m.; 29 hyd.; met., 124; 227 serv.; cost, \$17,000; wks. owned by village.

ELROY, p. 1,729; bldgs., bk. & stn., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; tot. mem., 24 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, 800 ft. bus. cent.; res. cap., 105,000 bbls.; pump. eng., cap. day 15 bbls. min.; mains, c. i., 5 m., 4 to 6 in. dia.; 21 hyd.; 240 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 70 lbs.; cost, \$16,500; cost mtce., \$1,240; wks. owned by city.

ELMWOOD, p. 700; f. area, 120 a. F. dept.—2 hose carts, 1 h. & 1 trk., buckets; val. equip., \$800; val. bldgs., \$600; exp. dept., \$100; tot. mem., 33 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; 1 pump. eng., cap. day 28,800 gals.; 10 hyd.; 6 v.; mains, 3,000 ft.; pres., dom. & f., 120 lbs.; cost, \$8,000; cost mtce., \$400; wks. owned by city.

EVANSVILLE, p. 2,061; f. area, 600 a.; merc. bldgs., wd., bk., stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. limits; fwks. ord. F. dept.—1 stm. eng., 1 hand eng., 6 c. ex., 1 h. & 1 trk., 3 hose car.; hose, cot., gd., 3,000 ft.; rub. fair, 500 ft.; tot. hose, 3,500 ft.; f. al., wh. & telp.; val. equip., \$6,100; val. bldgs., \$8,000; exp. dept., \$500; tot. mem., 35 vol.; undrs. rating, third class.

Water Supply—Src., wells, 1,800 ft. bus. cent.; sys., pump dir.; stdp. cap., 33,000 gals.; 3 pump. eng., cap. day, 1,600,000 gals.; mains, c. i., 6 m., 4 to 8 in. dia.; 56 hyd.; 32 v.; 300 met.; 300 serv.; pres., dom. 65 to 75 lbs., f. 125 lbs.; cons. day, 47,000 gals.; cost, \$33,000; wks. owned by city.

FENNIMORE, p. 1,159; f. area, 160 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. F. dept.—1 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh.; val. equip., \$1,200; val. bldgs., \$50; exp. dept., \$100; tot. mem., 30 vol.

Water Supply—Src., well, 1/4 m. bus. cent.; sys., pump to res. & dir.; res. cap., 52,000 gals., loc. 50 feet from well; pump. eng., class horizontal high pres.; mains, c. i., 4 m., 4 to 8 in. dia.; 26 hyd.; 98 serv.; pipe, galv. i.; pres., dom. 45 to 50 lbs., f. 90 to 100 lbs.; cost, \$13,000; wks. owned by city.

FLORENCE, p. 1,684; f. area, 80 a.; bldgs., wd., 1 to 3 stor. F. dept.—2 hose car., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 300 ft.; rub. gd., 1,500 ft.; inf., 600 ft.; tot. hose, 2,400 ft.; f. al., wh., 10 bx.; val. equip., \$2,000; exp. dept., \$500; tot. mem., 24, pd. full time 1, pd. part time 23; undrs. rating, third class.

Water Supply—Src., lake, 900 ft. bus. cent.; sys., pump dir.; res. cap., 10,000,000 gals.; 2 pump. eng.; mains, iron, 2 m., 4 to 6 in. dia.; 83 hyd.; 148 serv.; pres., dom. 40 lbs., f. 120 lbs.; cons. day, 200,000 gals.; cost, \$12,000; cost mtce., \$2,500; wks. owned by city.

FOND DU LAC, p. 13,797; f. area, 2,560 a.; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 comb. c. & h. wag., 4 c. hand ex., 2 h. & 1 trk., 1 hose wag., 2 hose carts, 1 reel, 9 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; inf., 700 ft.; tot. hose, 7,700 ft.; f. al., Gamewell, 40 bx.; val. equip., \$27,737; val. bldgs., \$13,000; exp. dept., \$35,000; tot. mem. 20, pd. full time.

Water Supply—Src., 7 fountains, 1/4 m. bus. cent.; sys., air lift & pump dir.; res. cap., 2,500,000 gals.; 2 pump. eng., comp. cond., cap. day 6,000,000 gals.; mains, c. i., 27 m., 4 to 14 in. dia.; 227 hyd.; 112 v.; met., 1,629; 2,650 serv.; pipe, lead & galv. iron; pres., dom. 25 lbs., f. 90 to 130 lbs.; cons. day, 2,000,000 gals.; wks. owned by city.

FORT ATKINSON, p. 3,877; f. area, 140 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1 & 1 1/2 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 str., 1 c. eng., 3 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, 2,600 ft.; rub. gd., 250

ft.; inf., 400 ft.; tot. hose, 3,250 ft.; f. al., wh. & Gamewell, 12 bx.; val. equip., \$10,000; val. bldgs., \$7,000; exp. dept., \$800; tot. mem., 58 vol.; undrs. rating, fourth class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 175,000 gals.; res. cap., 43,000 gals.; pump. eng., cap. day, 1,000,000 gals. each; mains, c. i., 8½ m., 4 to 12 in. dia.; 103 hyd.; met., 610; 629 serv.; pres., dom. 55 to 60 lbs., f. 100 lbs.; cons. day, 180,000 gals.; cost, \$68,038; wks. owned by city.

FOUNTAIN CITY, p. 1,031; f. area, 80 a.; merc. bldgs., stn., bk., wd., 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 4 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$3,000; tot. mem., 50 vol.; undrs. rating, fourth class.

Water Supply—Src., riv. & wells.

FREDERICK, p. 511; f. area, 4 blocks; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 to 3 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & wh., 1 bx.; val. equip., \$1,500; val. bldgs., \$2,000; tot. mem., 20 vol.

Water Supply—Not reported.

FREDONIA, p. 500; f. area, 25 a.; merc. bldgs., wd., 2 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. ris. perm. F. dept.—1 gas. eng., 1 hand eng., 1 hose car., 1 h. & l. trk.; hose, cot., rub. lined, 1,600 ft.; inf., 300 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$2,750; val. bldgs., \$1,500; exp. dept., \$25; tot. mem., 46 vol.

Water Supply—Src., wells.

FREEDOM, p. 982; merc. bldgs., wd. & bk. F. dept.—1 h. & l. trk., ladders, hooks, axes, &c., 2 hose car.; hose, 900 ft.; f. al., bell; tot. mem., 40 vol.

Water Supply—Src., well; sys., grav.; res. cap., 80,000 gals.; pump. eng., cap. min. 240 gals.; wks. owned by city.

FREMONT, p. 406; f. area, 367 a. F. dept.—1 gas. eng., 1 h. & l. trk., 1 hose cart, 1,200 ft. hose; val. equip., \$3,800; val. bldgs., \$1,200; exp. dept., \$400; tot. mem., 37 vol.

Water Supply—Src., riv., in bus. cent.; sys., pump dir.; 1 pump. eng., cap. 365 gals. min.; wks. owned by village.

FRIENDSHIP, p. 500. F. dept.—1 c. eng.; val. equip., \$500; vol. No waterwks.

GALESVILLE, p. 978; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., wd., 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 1 aer. trk., 3 hose carts; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$5,000; tot. mem., 55 vol.

Water Supply—Src., Beaver Creek; sys., pump dir.; 1 pump. eng., cap. day 168,000 gals.; mains, c. i., 2 m., 4 in. dia.; 24 hyd.; pres., 100 lbs.; cost, \$80,000; cost mtce., \$600; wks. owned by village corporation.

GLENWOOD, p. 954; f. area, 160 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose car., 3 ladders; hose, cot., rub. lined, gd., 850 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$2,500; exp. dept., \$65; tot. mem., 16 vol.

Water Supply—Src., well, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; pump. eng., cap. day 750,000 gals.; mains, iron, 3 m., 4 to 8 in. dia.; 15 hyd.; 100 serv.; pipe, wrt. & galv. i.; pres., dom. 40 lbs., f. 150 lbs.; cost, \$18,000; cost mtce., \$1,200; wks. owned by city.

GRAFTON, p. 1,000; f. area, 640 a. F. dept.—1 gas. eng., 1 h. & l. trk., 2,000 ft. hose; val. equip., \$4,000; val. bldgs., \$4,000; exp. dept., \$200; tot. mem., 50, pd. part time.

Water Supply—Src., riv.

GRAND RAPIDS, p. 6,521; f. area, 1,000 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 2 hose wag. 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 600 ft.; inf., 1,000 ft.; tot. hose, 3,600 ft.; f. al., wh. & telp.; val. equip., \$8,000; val. bldgs., \$1,500; exp.

dept., \$2,600; tot. mem., 31, pd. full time 3, pd. part time 28; undrs. rating, third class.

Water Supply—Src., spr., 1¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 165,000 gals., dim. 26 x 38; mat., stl.; res. cap., 130,000 gals., loc. at station; 3 pump. eng., cap. day 3,080,000 gals.; mains, c. i., 18 m., 1¼ to 12 in. dia.; 110 hyd.; 312 met.; 800 serv.; pipe, lead & iron; pres., dom. 75 to 90 lbs., f. 92 to 120 lbs.; cons. day, \$14,723 gals.; cost, \$85,000; cost mtce., \$7,438; wks. owned by city.

GRANTSBURG, p. 721; f. area, 130 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. ris. perm.; fwks. ord.; causes of f. inv. F. dept.—1 c. eng., 1 c. ex., 1 h. & l. trk., 2 hose car.; hose, gd., cot., rub. lined, 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$3,100; val. bldgs., \$2,000; exp. dept., \$250; tot. mem., 40 vol.

Water Supply—Src., riv. & cisterns.

GRATIOT, p. 368; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 750 ft.; inf., 400 ft.; tot. hose, 1,150 ft.; f. al., bell; val. equip., \$600; val. bldgs., \$300; tot. mem., 20 vol.

Water Supply—Not reported.

GREEN BAY, p. 25,236; f. area, 1,000 a.; merc. bldgs., bk. & stn., 2 to 6 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 comb. c. & h. wag., 1 c. eng., 8 c. hand ex., 1 h. & l. trk., 3 supply wag., 5 hose car., 3 hose sleds, 10 hrs.; hose, cot., rub. lined, gd., 5,500 ft.; f. al., Gamewell, 58 bx.; val. equip., \$55,000; val. bldgs., \$45,000; exp. dept., \$16,000; tot. mem., 21, pd. full time.

Water Supply—Src., 10 artesian wells, ¼ m. bus. cent.; sys., pump to res.; res. cap., 2,500,000 gals.; 6 pump. eng., cap. day 23,750,000 gals.; mains, iron, 55 m., 6 to 18 in. dia.; 416 hyd.; 545 v.; 1,800 met.; 4,800 serv.; pipe, galv. l.; pres., dom. 40 lbs., f. 100 lbs.; cons. day, 1,350,000 gals.; cost, \$382,800; cost mtce., \$34,000; wks. owned by Co.

GREENBUSH, p. 300; merc. bldgs., wd. F. dept.—Not reported.

Water Supply—Src., cisterns; sys., pump; res. cap., 100 bbls.

GREEN LAKE, p. 568; f. area, 4 a.; merc. bldgs., 1 & 2 stor.; priv., wd., 1 to 2 stor.; wd. ris. not perm.; causes of f. inv. F. dept.—1 c. eng., 13 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 600 ft.; rub., gd., 150 ft.; tot. hose, 750 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$600; tot. mem., 26 vol.

Water Supply—Not reported.

GREENWOOD, p. 665; f. area, 320 a.; bldgs., wd. & bk., 2 stor.; wd. ris. perm.; fwks. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., 1,000 ft.; tot. mem., 30 vol.; val. equip., \$300.

Water Supply—Src., well & cistern.

HANCOCK, p. 500; f. area, 150 a. F. dept.—2 hose carts, 1 ladder cart, 600 ft. hose; val. equip., \$750; val. bldgs., \$3,000; exp. dept., \$50; tot. mem., 40 vol.

Water Supply—Src., 5 wells, in bus. cent.; sys., pump dir.; 1 pump. eng., class trip., cap. day 432,000 gals.; 24 hyd.; 5 v.; mains, 5,000 ft.; pres., f., 180 lbs.; cost, \$6,500; cost mtce., \$100; wks. owned by city.

HARTFORD, p. 2,982; f. area, 700 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. ris. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. trk., 6 c. hand ex., 1 h. & l. trk., 1 tk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 300 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$10,000; val. bldgs., \$7,000; exp. dept., \$890; tot. mem., 80 vol.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 65,000 gals.; pump. cap. day, \$39,500 gals.; mains, 6 m., 4 to 10 in. dia.; 60 hyd.; pres., f. 80 lbs.; cost, \$50,000.

HARTLAND, p. 728; f. area, 1½ sq. m.; bldgs., bk. & wd., 1 & 2 stor. F. dept.—1 gasoline eng., 1 h. & l. trk., 1 hose car.; hose, cot., gd., 1,000

ft.; inf., 300 ft.; tot. hose, 1,300 ft.; f. al., wh. & bell; 25 vol.

Water Supply—Src., riv., well & cistern.

HAYWARD, p. 1,864; f. area, 320 a.; bldgs., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 4 hose car.; hose, rub., gd., 1,500 ft.; f. al., bell & telp.; val. equip., \$4,000; val. bldgs., \$4,000; exp. dept., \$700; tot. mem., 20 vol.

Water Supply—Src., riv.; sys., pump dir.; pump. eng., cap. day 2,000,000 gals.; mains, iron, 5 m., 4 to 10 in. dia.; 78 hyd.; 31 v.; pres., dom. 40 lbs., f. 80 lbs.; cost, \$80,000; cost mtce., \$2,000; wks. owned by city.

HIGHLAND, p. 1,096; f. area, 640 a.; bldgs., bk. & wd., 1½ to 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. eng. & hand pump, 2 hand eng., 1 h. & l. trk., 2 hose carts; f. al., bell; hose, cot., 1,000 ft.; val. equip., \$1,350; val. bldgs., \$400; tot. mem., 70 vol.

Water Supply—Src., drilled wells; sys., pump to tk.; tk. cap., 34,000 gals.; 7 hyd.; cost, \$3,280; wks. owned by city.

HILBERT, p. 572; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 3 c. hand ex., 1 hose reel, 1 hand pump; hose, cot., rub. lined, gd., 800 ft.; rub. gd., 100 ft.; inf., 200 ft.; tot. hose, 1,100 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$5,000; exp. dept., \$500; tot. mem., 30 vol.

Water Supply—Not reported.

HORICON, p. 1,881; merc. bldgs., bk. & stn., 2 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. ord. F. dept.—1 str., 12 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$6,000; exp. dept., \$350; tot. mem., 60 vol.

Water Supply—Src., Rock riv. & 6 cisterns, cap. 7,000 bbls.; sys., pump to stdp.; stdp. cap., 100,000 gals.; res. cap., 100,000 gals.; mains, 6 1-8 m., 4 to 12 in. dia.; 70 hyd.; 2 pump. eng., class trip.; pres., dom. 80 lbs., f. 150 lbs.; cost, \$51,000.

HORTONVILLE, p. 1,000; f. area, 2,000 a. F. dept.—1 gas. eng., 1,500 ft. hose; val. equip., \$2,000; val. bldgs., \$1,500; exp. dept., \$100; tot. mem., 24 vol.

Water Supply—Src., pond, crk. & res.

HUDSON, p. 2,810; f. area, 40 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose car., 2 hand hose reels, 1 hrs.; hose, cot., rub. lined, gd., 2,100 ft.; inf., 500 ft.; tot. hose, 2,600 ft.; f. al., Metropolitan, 7 bx.; val. equip., \$3,500; val. bldgs., \$2,000; exp. dept., \$400; tot. mem., 12 vol.; undrs. rating, third class.

Water Supply—Src., well; sys., pump to res.; res. cap., 288,000 gals.; 2 pump. eng., cap. day 2,500,000 gals.; mains, iron, 8¼ m., 6 to 12 in. dia.; 84 hyd.; 35 v.; met., 104; 450 serv.; pres., dom. 80 lbs., f. 95 lbs.; cons. day, 370,000 gals.; cost, \$28,000; cost mtce., \$102,000; wks. owned by city.

HURLEY, p. 2,000; f. area, 80 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., lined, gd., 3,300 ft.; rub., gd., 500 ft.; inf., 1,000 ft.; tot. hose, 4,800 ft.; f. al., elec., 6 bx.; exp. dept., \$4,000; tot. mem., 22, pd. full time 2, 20 vol.

Water Supply—Src., riv.; sys., pump to stdp.; stdp. cap., 500,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, 5 m., 4 to 12 in. dia.; 48 hyd.; pres., f. 100 lbs.; wks. owned by Co.

HUTISFORD, p. 615; f. area, 160 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas eng., 1 c. eng., 2 c. hand ex., 1 h. & l. trk., 3 hose reels, 1 hand pump; hose, cot., rub. lined, gd., 2,200 ft.; inf., 300 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$3,000; tot. mem., 72 vol.

Water Supply—Src., Rock riv., 1½ blocks bus. cent.

INDEPENDENCE, p. 700; f. area, 250 a. F. dept.—3 hose carts, 1 h. & l. trk., 750 ft. hose;

val. equip., \$1,500; val. bldgs., \$2,000; tot. mem., 35 vol.

Water Supply—Src., 4 wells, in bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 4,000,000 gals.; 24 hyd.; mains, 3 m.; pres., dom. 75 lbs., f. 100 lbs.; cost, \$10,000; cost mtce., \$1,000; wks. owned by city.

JOLA, p. 850; f. area, 400 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; no fwks. ord. F. dept.—1 str., 1 h. & l. trk., 3 hose car.; hose, cot., gd., 1,600 ft.; inf., 500 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$450; exp. dept., \$50; tot. mem., 42 vol.

Water Supply—Src., cisterns.

JACKSON, p. 199; f. area, 40 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 1 aer. trk., 1 hose car.; f. al., bell; hose, rub., 500 ft.; val. equip., \$450; val. bldgs., \$300; exp. dept., \$75; tot. mem., 30 vol.

Water Supply—Src., wells & cisterns.

JANESVILLE, p. 13,894; f. area, 4,000 a.; merc. bldgs., bk., 2 to 5 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 auto. comb. c. & h. wag., 1 chief's auto. with c. tk., 2 h. & l. trk., 1 aer. trk., 3 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., Gamewell, 72 bx.; val. equip., \$25,000; val. bldgs., \$12,000; exp. dept., \$21,500; tot. mem., 22, pd. full time 15, call men 7; undrs. rating, third class.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 320,000 gals.; mat., iron; res. cap., 1,000,000 gals.; pump. eng., cap. day 4,000,000 gals.; mains, c. i., 32 1-8 m., ¾ to 16 in. dia.; 308 hyd.; 168 v.; met., 867; 2,828 serv.; pipe, iron; pres., dom. 70 lbs., f. 100 to 120 lbs.; wks. owned by Co.

JEFFERSON, p. 2,582; f. area, 2,560 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, 2,100 ft.; f. al., bell & wh.; val. equip., \$7,000; exp. dept., \$400; tot. mem., 65; undrs. rating, third class.

Water Supply—Src., well; sys., pump to stdp.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 7 m., 4 to 10 in. dia.; 60 hyd.; pres., dom. 65 lbs., f. 110 to 130 lbs.; cost, \$48,000; wks. owned by city.

JOHNSON CREEK, p. 425; f. area, 320 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. not perm.; fwks. ord. F. dept.—3 c. hand ex., 1 hand c. eng., 1 h. & l. trk., 1 hose car.; hose, rub., 800 ft.; f. al., bell; val. equip., \$1,500; exp. dept., \$250; tot. mem., 30 vol.

Water Supply—Src., pond; sys., 1 pump; mains, 1 m., 5 in. dia.; 12 hyd.; cost, \$3,000; cost mtce., \$100; wks. owned by Co.

JUNEAU, p. 1,003; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,500; tot. mem., 52 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 25,000 gals.; pump. eng., cap. day 960 bbls.; mains, c. i., 2 m., 4 to 8 in. dia.; 30 hyd.; met., 6; 60 serv.; pipe, iron; pres., dom. 90 lbs., f. 50 lbs.; cost, \$10,000; cost mtce., \$500; wks. owned by city.

KAUKAUNA, p. 4,717; f. area, 500 a.; merc. bldgs., bk., stn., wd., 2 & 3 stor.; priv., wd. & bk., 1½ & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 700 ft.; inf., 600 ft.; tot. hose, 2,800 ft.; f. al., telp.; val. equip., \$10,000; val. bldgs., \$4,000; exp. dept., \$2,000; tot. mem., 14, pd. full time 2, vol. 12; undrs. rating, third class.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. dir.; stdp. cap., 176,000 gals.; dim. 20 x 75; mat., stl.; res. cap., 800,000 gals.; 2 pump. eng., class dup., cap. day 8,000,000 gals.; mains, iron, 11 m., 6 to 14 in. dia.; 102 hyd.; 72 v.; 243 met.; 662 serv.; pres., dom. 50 lbs., f.

115 lbs.; cons. day. 200,000 gals.; cost, \$119,632; cost mtce., \$1,576; wks. owned by city.

KENOSHA, p. 21,371; f. area, 20,000 a.; merc. bldgs., bk., 2 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto comb. c. & h. wag., 1 str., 1 comb. c. & h. wag., 1 in reserve, 1 h. & l. trk., 5 hrs.; hose, cot., rub. lined, gd., 7,600 ft.; f. al., Gamewell, 54 bx.; val. equip., \$26,600; val. bldgs., \$41,000; exp. dept., \$19,209; tot. mem. 57, pd. full time 15, vol. 42; undrs. rating, second class.

Water Supply—Src., artesian wells & Lake Michigan, 1 m. bus. cent.; sys., pump dir.; 8 pump. eng., class comp. dup. vertical & horizontal, cap. day 12,000,000 gals.; mains, c. l., 40.2 m., 1 to 14 in. dia.; 270 hyd.; 1,580 met.; 4,310 serv.; pipe, lead; pres., dom. 70 lbs., f. 90 to 100 lbs.; cost, \$3306,045; wks. owned by Co.

KEWASKUM, p. 625; f. area, 700 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 gas eng., 1 h. & l. trk., 1 c. hand ex., 3 hose carts; hose, cot., rub. lined, gd., 1,750 ft.; f. al., bell & wh.; val. equip., \$3,500; val. bldgs., \$5,000; exp. dept., \$25; tot. mem., 60 vol.

Water Supply—Src., wells & stdp.

KEWAUNEE, p. 1,839; f. area, 640 a.; bldgs., bk. & wd., 3 & 4 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 stm. eng., 1 c. eng., 6 c. ex., 1 h. & l. trk., 5 hose carts; hose, cot., rub. lined, gd., 4,500 ft.; rub., gd., 500 ft.; tot. hose, 5,000 ft.; f. al., bell & wh.; val. equip., \$3,500; exp. dept., \$300; tot. mem., 35 vol.

Water Supply—Src., cisterns & spr., 1,000 ft. bus. cent.; res. cap., 400 bbls.; mains, wd., 2,000 ft., 2½ in. dia.; met., 4; cost mtce., \$500; wks. owned by city.

KIEL, p. 1,244. F. dept.—Not reported.

Water Supply—Src., well, ¼ m. bus. cent.; sys., grav.; stdp. cap., 60,000 gals., dim. 22 x 30; mat., stl.; res. cap., 50,000 gals.; 1 pump. eng., cap. day 120,000 gals.; mains, 4 m., 4 to 8 in. dia.; 37 hyd.; 19 v.; met., 180; 135 serv.; pipe, lead; pres., dom. 45 to 62 lbs., f. 90 lbs.; cons. day, 25,000 gals.; cost, \$30,000; cost mtce., \$3,000; wks. owned by city.

KILBOURN, p. 1,170; f. area, 40 a.; merc. bldgs., strn., bk. & wd., 2 stor.; priv., wd., 1½ stor.; causes of f. inv. fwks. & combt. ord. F. dept.—1 h. & l. trk., 3 hose carts, 6 c. hand ex.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 1,000 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$400; tot. mem., 30 vol.

Water Supply—Src., wells, 6 blocks bus. cent.; sys., pump to res.; res. cap., 60,000 gals.; pump. eng., cap. day 1,080,000 gals.; mains, c. l., wrt. l., stl., 5 m., 2 to 8 in. dia.; 38 hyd.; 19 v.; 805 serv.; pipe, galv. l.; pres., dom. 65 to 70 lbs., f. 135 lbs.; cost, \$36,000; cost mtce., \$1,000; wks. owned by city.

LA CROSSE, p. 30,417; f. area, 5,280 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk., wd., 1 to 4 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—3 str., 3 h. & l. trk., 1 aer. trk., 1 comb. & hose wag., 7 hose sleighs, 5 supply wag., 5 supply sleighs, 3 h. & l. sleighs, 2 light wag., 5 hose carts, 23 hrs.; hose, cot., rub. lined, gd., 13,700 ft., 900 ft. in reserve; c., 200 ft.; tot. hose, 14,800 ft.; f. al., Gaynor, 54 bx.; val. equip., \$60,950; val. bldgs., \$46,950; exp. dept., \$46,598.94; tot. mem. 51, pd. full time; undrs. rating, second class.

Water Supply—Src., Mississippi riv., ½ m. bus. cent.; sys., pump dir.; 3 pump. eng., cap. day 16,500,000 gals.; mains, c. l., 61¼ m., 6 to 30 in. dia.; 532 hyd.; 533 v.; 5,267 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 208,220 gals.; cost, \$486,539; cost mtce., \$25,626; wks. owned by city.

LAKE GENEVA, p. 3,079; f. area, 600 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hose carts, 1 hose cart, 5 hrs.; hose, cot., rub. lined, gd., 1,400 ft.; rub., gd., 900 ft.; tot. hose, 2,300 ft.; f. al., wh., 7 bx.; val. equip., \$3,400; val. bldgs., \$800; exp. dept., \$250; tot. mem., 40 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 110,000 gals.;

res. cap., 250,000 gals.; 4 pump. eng., cap. day, 3,250,000 gals.; mains, c. l., 7½ m., 4 to 10 in. dia.; 78 hyd.; 20 v.; met., 328; 845 serv.; pres., dom. 68 to 70 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$97,000; wks. owned by city.

LAKE MILLS, p. 1,672; f. area, 100 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—6 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 750 ft.; rub., gd., 500 ft.; tot. hose, 1,250 ft.; f. al., bell, wh. & telp.; val. equip., \$1,200; val. bldgs., \$1,200; exp. dept., \$100; tot. mem., 40 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 60,000 gals.; pump. eng., class trip., cap. day, 432,000 gals.; mains, 3 m., 4 to 6 in. dia.; 33 hyd.; met., 175; 184 serv.; pres., dom. 50 to 55 lbs., f. 80 to 90 lbs.; cons. day, 70,000 gals.; cost, \$25,000; cost mtce., \$1,100; wks. owned by city.

LANCASTER, p. 2,329; f. area, 640 a.; merc. bldgs., bk., 1 to 2 stor.; priv., bk. & wd., no wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 1 h. & l. trk., 1 comb. c. & h. wag.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,000; exp. dept., \$268; tot. mem. 50, pd. part time; undrs. rating, third class.

Water Supply—Src., spr., 2½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 105,000 gals., dim. 16 x 70, loc. north of city; mat., stl.; 2 pump. eng., cap. day, 700,000 gals.; mains, c. l., 11 m., 4 to 8 in. dia.; 36 hyd.; 45 v.; met., 50; 603 serv.; pipe, galv. l.; pres., dom. 25 to 36 lbs., f. 60 to 80 lbs.; cons. day, 110,000 gals.; cost, \$60,000; cost mtce., \$400; wks. owned by city.

LAVALLÉ, p. 400; f. area, 8 blocks; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand pump, 1 hose cart; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; vol., 22.

Water Supply—River & cisterns.

LENA, p. 700; f. area, 80 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand pump, 85 c. hand ex., 1 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,000; exp. dept., \$300; tot. mem., 60 vol.

Water Supply—Src., cisterns, ¼ m. bus. cent.; sys., grav.; cisterns cap., 15,000 gals.; res. cap., 15,000 gals.; 2 pump. eng., cap. day 40,000 gals.; wks. owned by city.

LINDEN, p. 580; f. area, 800 ft.; merc. bldgs., bk., strn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas eng., 1 hose reel, ladders, hooks, axes; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$8,200; val. bldgs., \$600; exp. dept., \$500; tot. mem. 21, pd. part time 1, vol. 30.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 55,000 gals., dim. 18 x 20; mat., wd., strn.; res. cap., 55,000 gals.; 1 pump. eng., cap. day 7,600 gals.; mains, c. l., ¼ m., 4 to 6 in. dia.; pipe, c. l.; pres., f. 40 lbs.; cons. day, 7,000 gals.; cost, \$10,000; cost mtce., \$500; wks. owned by city.

LITTLE CHUTE, p. 1,400; f. area, 4 m. F. dept.—Hand c. eng. & h. & l. trk.; val. equip., \$1,000; val. bldgs., \$2,200; exp. dept., \$26; tot. mem., 44 vol.

Water Supply—Src., wells; undrs. rating, fourth class.

LODI, p. 1,200; f. area, 4 a. F. dept.—3 hose carts, 1,600 ft. hose; val. equip., \$1,200; val. bldgs., \$75; tot. mem., 25 vol.; undrs. rating, third class.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; 1 pump. eng.; mains, 3 m.; 33 hyd.; 13 v.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$20,000; cost mtce., \$50; wks. owned by city.

LOMERA, p. 650. F. dept.—1 h. & l. trk., 2 hose carts, 750 ft. hose; val. equip., \$3,500; tot. mem., 60 vol.

Water Supply—Src., cisterns.

LUXEMBOURG, p. 500. F. dept.—1 gas eng., 1 hand pump, 1 h. & l. trk., 3 hose carts, 1 c.

cart, 2,800 ft. hose; f. al. bell; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 25 vol., pd. part time.

Water Supply—Src., 4 cisterns, 1 m. bus. cent.; sys., pump.

MADISON, p. 25,531; f. area, 5,600 a.; merc. bldgs., wd. & bk., 1 to 5 stor.; priv., wd. & bk., 1 to 2 stor.; wd. rfs. not perm.; combt. ord. F. dept.—2 str., 1 c. eng., 14 c. hand ex., 2 h. & 1. trk., 1 aer. trk., 2 hose wag., 1 hose cart, 3 comb. c. & h. wag., 1 hose car., 18 hrs.; hose, cot., rub. lined, gd., 8,200 ft.; c., 500 ft.; tot. hose, 8,700 ft.; f. al., Gamewell, 62 bx.; val. equip., \$24,925; val. bldgs., \$53,000; exp. dept., \$36,438.65; tot. mem., 28, pd. full time.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., grav., pump dir.; stdp. cap., 53,000 gals.; 4 pump. eng., cap. day 10,000,000 gals.; mains, c. l., 61 m., 4 to 16 in. dia.; 388 hyd.; 568 v.; met., 4,939; 5,012 serv.; pipe, lead; pres., dom. 85 lbs., f. 120 to 150 lbs.; cons. day, 1,987,000 gals.; cost, \$477,011; cost mtce., \$17,540; wks. owned by city.

MALDEN ROCK, p. 337; f. area, 40 a. F. dept.—buckets & ladders; val. equip., \$75; val. bldgs., \$125; vol.; undrs. rating, third class.

Water Supply—Src., cistern & well.

MANITOWOC, p. 13,027; f. area, 1,600 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 2 hose wag., 1 in reserve, 8 c. hand ex., 1 h. & 1. trk.; hose, cot., rub. lined, gd., 6,000 ft.; f. al., elec., 55 bx.; val. equip., \$15,000; val. bldgs., \$19,500; exp. dept., \$14,000; tot. mem., 17, pd. full time 14, pd. part time 3.

Water Supply—Src., wells & riv., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 500,000 gals.; mat., stl.; 2 pump. eng., class comp. dup., cap. day 3,000,000 gals.; mains, c. l., 24 m., 6 to 18 in. dia.; 231 hyd.; 136 v.; met., 575; 1,700 serv.; pipe, lead & iron; pres., dom. 70 lbs., f. 125 lbs.; cons. day, 850,000 gals.; wks. owned by Co.

MAPLE GROVE, p. 600; f. area, 640 a. F. dept.—1 h. & 1. trk., hand pumps, 1,200 ft. hose; val. equip., \$10,000; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 14, pd. full time.

Water Supply—Src., artesian wells, 1 m. bus. cent.; sys., pump; 1 pump. eng., class trip., cap. day 432,000 gals.; mains, 1 m.; 7 hyd.; pres., f. 125 lbs.; cost, \$8,000; wks. owned by city.

MARATHON, p. 656; f. area, 320 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 24 c. hand ex., 1 h. & 1. trk., 1 hose cart; hose, cot., rub. lined, gd., 1,400 ft.; f. al., bell; val. equip., \$800; exp. dept., \$100; tot. mem., 18 vol.

Water Supply—Src., wells, spr. & creeks.

MARINETTE, p. 14,610; f. area, 1,880 a.; bldgs., bk., 2 & 3 stor.; wd. rfs. not perm. F. dept.—2 str., 5 c. hand ex., 1 h. & 1. trk., 3 hose sleighs, 3 hose wag., 1 f. boat, 10 hrs.; hose, cot. lined, gd., 2,200 ft.; rub., gd., 2,400 ft.; tot. hose, 4,600 ft.; f. al., Gamewell, 61 bx.; val. equip., \$27,000; tot. mem., 17, pd. full time 11, pd. part time 6; undrs. rating, second class.

Water Supply—Src., bay, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; 4 pump. eng., cap. day 11,000,000 gals.; mains, c. l., 85 m., 4 to 20 in. dia.; 255 hyd.; 75 v.; met., 97; 798 serv.; pres., dom. 40 lbs., f. 110 lbs.; wks. owned by Co.

MARKESON, p. 986; f. area, 640 a. F. dept.—1 str., 1 c. eng., 1,200 ft. hose; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$500; tot. mem., 36 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 720,000 gals.; cost mtce., \$500; wks. owned by city.

MARSHFIELD, p. 5,783; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; rub., gd., 400 ft.; tot. hose, 2,800 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$20,000; exp. dept., \$450; tot. mem., 40 vol.; undrs. rating, third class.

Water Supply—Src., wells, spr.; sys., pump to stdp., dim. 16 x 120; res. cap., 700,000 gals.;

2 pump. eng., cap. day, 1,008,000 gals.; mains, iron, 8 m., 6 to 12 in. dia.; 111 hyd.; 48 v.; met., 60; 190 serv.; pres., dom. 55 lbs., f. 120 lbs.; cost, \$110,000; cost mtce., \$5,500; wks. owned by city.

MATTOON, p. 868; merc. bldgs., wd. F. dept.—1 stm. pump, 5 hose carts; hose, 2,600 ft.; f. al., wh.; tot. mem., 22 vol.

Water Supply—Src., Wisconsin Timber & Land Co.; sys., pump, cap. 700 gals. day; mains, 2,600 ft., 3 & 4 in. dia.

MAUSTON, p. 1,701; f. area, 160 to 200 a.; merc. bldgs., stm., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,700 ft.; rub., gd., 1,550 ft.; inf., 450 ft.; tot. hose, 3,700 ft.; f. al., bell & telp.; val. equip., \$1,500; exp. dept., \$160; tot. mem., 85 vol.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to res. & dir.; res. cap., 240,000 gals.; pump. eng., cap. day, 1,440,000 gals., class dup.; mains, c. l., 4 m., 4 to 8 in. dia.; 40 hyd.; 292 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 80 lbs.; cost, \$16,600; cost mtce., \$800; wks. owned by city.

MAYVILLE, p. 2,282; f. area, 400 a.; bldgs., stm., wd. & bk., 1 to 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1. trk., 2 hose car.; hose, cot., gd., 2,200 ft.; f. al., bell; val. equip., \$2,000; exp. dept., \$400; tot. mem., 145 vol.; undrs. rating, fourth class.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals.; mat., stl.; res. cap., 30,000 gals.; 1 pump. eng., class trip., cap. day, 432,000 gals.; mains, c. l., 5 $\frac{1}{2}$ m., 4 to 8 in. dia.; 42 hyd.; 35 v.; 269 met.; 269 serv.; pipe, galv. i.; pres., dom. 78 lbs., f. 83 lbs.; cons. day, 72,000 gals.; cost, \$37,000; wks. owned by city.

MAZOMANIE, p. 917; f. area, 350 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 hand eng., 1 h. & 1. trk., 2 hose car.; hose, cot., rub. lined, gd., 400 ft.; rub., gd., 350 ft.; tot. hose, 750 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$4,000; tot. mem., 38 vol.; undrs. rating, fourth class.

Water Supply—Src., wells; sys., grav. & pump to res.; res. cap., 120,000 gals.; pump. eng., class dup., cap. day 240,000 gals.; mains, c. & wrt. i., 1 $\frac{1}{2}$ m., 4 to 6 in. dia.; 12 hyd.; 4 v.; 28 serv.; pres., dom. & f. 85 lbs.; cost, \$5,000; wks. owned by city.

MEDFORD, p. 1,846; f. area, 240 a.; merc. bldgs., bk., 1 to 2 stor.; priv., wd., 1 $\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 2 c. hand ex., 1 h. & 1. trk., 1 hose wag., 2 hose carts, 74 hrs.; hose, cot., rub. lined, gd., 8,700 ft.; f. al., bell

& wh.; val. equip., \$6,000; val. bldgs., \$4,000; exp. dept., \$775; tot. mem., 24 vol.

Water Supply—Src., wells & riv., in bus. cent.; sys., pump dir.; stdp. cap., 60,000 gals.; 1 pump. eng., cap. 500 gals.; mains, c. l., 17,750 ft., 6 to 10 in. dia.; 27 hyd.; 8 v.; pres., f. 180 lbs.; wks. owned by city.

MEEME, p. 9,000; f. area, 40 a. F. dept.—1 h. & 1. trk., 2 hose carts, 1 hose wag., 6 hrs.; f. al., bell; val. equip., \$7,900; val. bldgs., \$10,000; exp. dept., \$9,000; tot. mem., 10, pd. full time.

Water Supply—Src., riv., 1 m. bus. cent.; sys., dir. pres.; 3 pump. eng., class trip., cap. day 4,500,000 gals.; mains, 12 in. dia.; 182 hyd.; 126 v.; 1,260 serv.; pres., dom. 40 lbs., f. 100 lbs.; wks. owned by priv. Co.

MENASHA, p. 6,081; f. area, 960 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1. trk., 1 hose car., 2 hose wag., 4 hrs., force pumps, siamese couplings used; hose, cot., gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell & wh.; val. equip., \$14,000; val. bldgs., \$12,000; exp. dept., \$5,000; tot. mem., 20, pd. part time.

Water Supply—Src., riv.; sys., pump to stdp., pump. cap. 2,500,000 gals.; mains, 14 $\frac{1}{2}$ m., 6 to 20 in. dia.; 99 hyd.; wks. owned by city.

MENOMONIE, p. 5,036; f. area, 280 blocks; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—2 comb. hose, c. & ladder wag., 1 hose cart, 4 hrs.; hose, rub., gd., 1,500 ft.; fair, 600 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$3,000; tot. mem., 35 vol.; undrs. rating, third class.

Water Supply—Src., wells & riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. day 2,500,000 gals.; mains, iron, 10 m., 4 to 10 in. dia.; 115 hyd.; 500 serv.; pres., dom. 65 lbs., f. 90 lbs.; cons. day, 300,000 gals.; cost, \$125,000; cost mtce., \$4,000; wks. owned by Co.

MERRILL, p. 3,689; f. area, 3,840 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose reel, 6 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; rub., gd., 1,000 ft.; tot. hose, 4,500 ft.; f. al., wh. & telp., 6 bx.; val. equip., \$11,000; val. bldgs., \$10,000; exp. dept., \$8,000; tot. mem. 10, pd. full time.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; stdp. cap., 190,000 gals.; 4 pump. eng., cap. day, 4,000,000 gals.; mains, c. i., 20 m., 4 to 12 in. dia.; 225 hyd.; 33 met.; 1,078 serv.; pipe, galv. i.; pres., dom. 40 lbs., f. 110 lbs.; cons. day, 1,000,000 gals.; wks. owned by Co.

MERRILLAN, F. dept. not reported.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals., dim. 16 x 20; mat., stil.; 1 pump. eng., cap. day 170,000 gals.; mains, 2 m., 2 to 6 in. dia.; 15 hyd.; pres., dom. 40 to 47 lbs.; cons. day, 12,000 gals.; wks. owned by village.

MIDDLETON, p. 679; bldgs., bk. & wd. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose car.; hose, 1,000 ft.; f. al., bell; tot. mem., 59 vol.

Water Supply—Src., res., cap. 3,000 bbls.

MILWAUKEE, p. 373,857; f. area, 24.35 sq. m.; merc. bldgs., bk. & stn., 1 to 16 stor.; priv., stn., bk. & wd., 2 to 6 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—27 str. (8 in reserve), 4 f. boats, 9 h. & l. trk. (1 in reserve), 5 aer. h. & l. trk., 1 water tower, 8 chiefs auto., 8 chiefs wag. in reserve, 5 fuel wag., 1 supply wag., 23 exercise wag., 24 hose & ladder sleighs in reserve, 9 c. eng., 64 c. hand ex., 11 comb. c. & h. wag., 1 auto. comb. c. & h. wag., 1 auto. squad wag., 20 hose wag., 7 in reserve, 238 hrs.; hose, rub., gd., 82,550 ft.; f. al., Gamewell, 721 bx.; exp. dept., \$738,871; tot. mem. 535, pd. full time.

Water Supply—Src., lake, 3 m. bus. cent.; sys., pump dir. & to res.; res. cap., 21,500,000 gals.; 8 pump. eng., class comp., cap. day 110,000,000 gals.; mains, c. i., 495 m., 4 to 42 in. dia.; 3,240 hyd.; 3,612 v.; met., 58,000; 57,800 serv.; pipe, lead; pres., dom. & f. 20 to 60 lbs.; cons. day, 47,556,310 gals.; cost, \$7,425,000; cost mtce., \$350,000; wks. owned by city.

MINERAL POINT, p. 2,925; f. area, 2 blocks; merc. bldgs., stn., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$2,500; tot. mem., 50 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., dir. pres.; 1 pump. eng., cap. day, 144,000 gals.; mains, iron, 3 m., 6 to 8 in. dia.; 173 hyd.; 173 serv.; pipe, iron & lead; wks. owned by priv. corp.

MINOCQUA, p. 700; f. area, 40 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. cart, 4 h. & l. trk., 1 hose cart; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$100; tot. mem., 10 vol.; undrs. rating, second class.

Water Supply—Not reported.

MONDOVI, p. 1,325; f. area, 2 blocks; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—H. & l. trk., hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 40.

Water Supply—Src., well, in bus. cent.; sys.,

pump dir.; res. cap., 180,000 gals.; 1 pump. eng., cap. 368 gals. min.; mains, c. i., 3 m., 6 to 8 in. dia.; 27 hyd.; 9 v.; 83 met.; 166 serv.; pipe, c. i.; pres., dom. & f., 65 lbs.; cons. day, 12,000 gals.; cost, \$19,200; wks. owned by city.

MONROE, p. 4,410; bldgs., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 1 aer. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 500 ft.; tot. hose, 2,000 ft.; f. al., Gamewell, 6 bx.; tot. mem., 42 vol.; undrs. rating, third class.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals., dim. 20 x 30, mat. stil.; res. cap., 200,000 gals.; 3 pump. eng., class comp. trip., cap. day, 2,000,000 gals.; mains, c. i., 10 m., 4 to 12 in. dia.; 102 hyd.; 24 v.; met., 656; 640 serv.; pipe, lead; pres., dom. 70 lbs., f. 120 lbs.; cons. day, 300,000 gals.; cost, \$105,000; cost mtce., \$2,500; wks. owned by city.

MONTELLO, p. 1,104; f. area, 40 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas eng., 1 hose wag., 2 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,200; exp. dept., \$200; tot. mem., 35 vol.

Water Supply—Src., wells, mill pond, $\frac{1}{4}$ blocks bus. cent.; sys., pump dir. to mains; 4 hyd.; cost, \$350; wks. owned by village.

MONTFORT, p. 600; f. area, 320 a. F. dept.—1 h. & l. trk., 2 hose carts, 700 ft. hose; val. bldgs., \$600; tot. mem., 23 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 17 hyd.; mains, 1 m.; pres., dom. & f., 25 to 60 lbs.; cost, \$4,400; cost mtce., \$300; wks. owned by city.

MONTICELLO, p. 700; f. area, 640 a. F. dept.—1 h. & l. trk., 2 hose carts, 900 ft. hose; val. equip., \$600; val. bldgs., \$1,200; tot. mem., 40 vol.

Water Supply—Src., 3 wells, in bus. cent.; sys., pump dir.; 1 pump. eng.; 21 hyd.; 6 v.; mains, 13,200 ft.; pres., dom. 67 lbs., f. 110 lbs.; cost, \$17,500; cost mtce., \$200; wks. owned by city.

MORRISON, F. dept.—1 c. eng., 1 hand c. eng., 1 h. & l. trk., buckets; 19 vol.
No waterwks.

MOSINEE, p. 482; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 400 ft.; tot. hose, 1,400 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$500; tot. mem. 20, pd. part time.

Water Supply—Not reported.

MUSCODA, p. 798; f. area, 35 a.; bldgs., bk. & stn. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 2 c. eng., 17 c. ex., 1 h. & l. trk., 1 hose car.; hose, cot., gd., 650 ft.; rub., 100 ft.; c., 100 ft.; tot. hose, 850 ft.; val. equip., \$1,900; val. bldgs., \$2,000; exp. dept., \$65; tot. mem., 30 vol.

Water Supply—Src., 37 driven wells, use for f. protection only; sys., pump dir.; pump. eng., cap. min. 250 gals.; pipe, 3 $\frac{1}{2}$ in.; cost, \$1,750; wks. owned by city.

NECEDAH, p. 1,054; f. area, 1,200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor., shingle & iron rfs.; fwks. & combt. ord. F. dept.—2 hose car.; hose, linen, gd., 1,800 ft.; undrs. rating, third class.

Water Supply—Sys., stationary stn. pumps; pipe covering main street and most valuable property.

NEENAH, p. 5,734; f. area, 250 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 str., 1 h. & l. trk., 2 hose wag., 3 hose car., 3 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 1,200 ft.; inf., 300 ft.; tot. hose, 2,700 ft.; f. al., bell & wh.; val. equip., \$4,500; val. bldgs., \$5,000; exp. dept., \$1,400; tot. mem., 43 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 276,000 gals.; res. cap., 140,000 gals.; pump. eng., cap. day 2,550,000 gals.; mains, c. i., 8 $\frac{1}{2}$ m., 4 to 14 in. dia.; 84 hyd.; 350 serv.; pipe, lead & galv. i.; pres., dom. 50 lbs., f. 115 lbs.; cost, \$79,000; cost mtce., \$2,500; wks. owned by city.

NEILSVILLE, p. 1,957; merc. bldgs. wd. & bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & 1 trk., 3 hose carts; hose, cot., rub. lined, gd., 3,500 ft.; tot. mem., 35 vol.; undra. rating, fourth class.

Water Supply—Src., wells & riv., $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp., dim. 16 x 100; stdp. cap. 150,400 gals.; pump. eng., cap. day 1,500,000 gals.; mains, c. l., $4\frac{1}{2}$ m., 4 to 8 in. dia.; 62 hyd.; 23 v.; 100 met.; 185 serv.; pres., dom. 90 lbs.; f. 105 lbs.; cons. day, 30,000 gals.; cost, \$25,000; wks. owned by city.

NEOPIT, p. 3,000; merc. bldgs. wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—Hose wag. & stm. pump, 1 h. & 1 trk., 6 hose car., 12 hrs.; hose, cot., rub. lined, gd., 4,250 ft.; f. al., bell, wh. & telp., 12 bx.; val. equip., \$7,880; val. bldgs., \$182; exp. dept., \$1,000; tot. mem. 200, pd. part time.

Water Supply—Src., riv., in cent. of bus. cent.; sys., dir. pres.; 2 pump. eng., cap. day 2,000,000 gals.; mains, $2\frac{1}{2}$ m., $2\frac{1}{2}$ to 8 in. dia.; 48 v.; pipe, stl.; pres., dom. 40 lbs., f. 125 lbs.; cons. day, 750,000 gals.; cost, \$7,984; cost mtce., \$1,000; wks. owned by Indian Reservation.

NEOSHO, p. 304; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 str., 2 hose car.; hose, cot., rub. lined, gd., 750 ft.; inf., 250 ft.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$700; tot. mem., 22 vol.

Water Supply—Src., pond, 1 block bus. cent.; sys., dir. pres.; 1 pump. eng., cap. day 720,000 gals.; mains, 83 rds., 4 in. dia.; 4 hyd.; cost, \$2,500; wks. owned by city.

NESHKORO, p. 379; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 3 c. hand ex., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; inf., 100 ft.; tot. hose, 600 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$600; tot. mem., 32 vol.

Water Supply—Not reported.

NEW GLARUS, p. 708; f. area, 180 a.; merc. bldgs., bk. & wd., 1 to 2 stor.; priv., wd., 1 to 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., stm. wh.; val. equip., \$1,000; val. bldgs., \$1,500; vol., 36; undra. rating, fourth class.

Water Supply—Src., wells, situated in bus. cent.; sys., pump to res.; res. cap., 50,000 gals., dim. 25 x 14; mat., conc.; 1 pump; mains, c. l., 3 m., 6 to 8 in. dia.; 18 hyd.; pipe, galv. l.; pres., dom. 70 to 100 lbs., f. 150 to 200 lbs.; cost, \$17,000; wks. owned by village.

NEW HOLSTEIN, p. 900; f. area, 960 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 h. & 1 trk., 15 c. hand ex., 300 ft. hose; f. al., bell; val. equip., 2,200; val. bldgs., \$2,000; exp. dept., \$225; tot. mem., 75 vol.; undra. rating, fourth class.

No waterwks.

NEW LONDON, p. 3,383; f. area, 600 a.; merc. bldgs., stn., bk., wd., 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 hand eng., 50 c. hand ex., 1 h. & 1 trk., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$9,000; val. bldgs., \$1,000; exp. dept., \$1,500; tot. mem. 25, pd. full time 1 vol. 24; undra. rating, third class.

Water Supply—Src., riv.; sys., pump to stdp., dim. 12 x 80; 2 pump. eng.; mains, $6\frac{1}{2}$ m., 4 to 10 in. dia.; 62 hyd.; 154 met.; pres., f. 60 to 100 lbs.; cost, \$35,000; wks. owned by city.

NEW RICHMOND, p. 1,988; f. area, 12 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,350 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$2,000; tot. mem., 20 vol.; undra. rating, third class.

Water Supply—Src., wells, 1 block bus. cent.; sys., pump to res. & dir.; res. cap., 50,000 gals.; pump. eng., cap. day 750,000 gals.; mains, $5\frac{1}{2}$ m., 4 to 8 in. dia.; 38 hyd.; 18 v.; met., 2; 210

serv.; pipe, galv. l.; pres., dom. 45 to 50 lbs., f. 150 lbs.; cost, \$17,000; wks. owned by city.

NORTH FOND DU LAC, p. 1,960; f. area, entire village; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. hose wag. & h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 1,300 ft.; inf., 200 ft.; tot. hose, 1,500 ft.; f. al., bell & telp.; val. equip., \$1,300; val. bldgs., \$5,000; exp. dept., \$275; tot. mem. 14, pd. full time 2, pd. part time 12.

Water Supply—Src., artesian well, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals., dim. 80 x 16, mat. wd. & iron; res. cap., 427,500 gals.; 2 pump. eng., cap. day, 60,000 gals.; mains, 6 m., 4 to 10 in. dia.; 30 hyd.; 125 met.; 300 serv.; pipe, lead; pres., dom. 88 lbs., f. 80 lbs.; cons. day, 60,000 gals.; cost, \$30,000; cost mtce., \$1,500; wks. owned by priv. Co.

NORTH FREEDOM, p. 700; f. area, 75 a. F. dept.—2 hose carts, 1 h. & 1 trk., 1,000 ft. hose; val. equip., \$1,000; tot. mem., 40 vol.

Water Supply—Src., well, in bus. cent.; sys., grav.; 1 pump. eng., cap. day 75,000 gals.; 15 hyd.; 10 v.; mains, 7,000 ft.; pres., dom. & f., 87 lbs.; cost, \$10,000; cost mtce., \$400; wks. owned by city.

NO. MILWAUKEE, p. 1,860; f. area, 400 a.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv., 1 to 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 1 h. & 1 trk., 1 hose wag., 4 hrs.; hose, rub. lined, gd., 2,000 ft.; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$50; vol., 86.

Water Supply—Src., lake, 6 m. bus. cent.; mains, c. l., 10 m., 4 to 8 in. dia.; 26 hyd.; 42 v.; met., 101; pres., dom. 40 lbs., f. 40 lbs.; cons. day, 35,000 gals.; cost, \$30,000; cost mtce., \$30,000; wks. owned by city.

OCONOMOWOC, p. 3,054; f. area, 300 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 7 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 2,350 ft.; f. al., bell, wh. & telp.; val. equip., \$9,000; exp. dept., \$2,000; tot. mem., 37 vol.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 85,000 gals.; mat. stl.; 3 pump. eng., class comp., cap. day, 3,000,000 gals.; mains, c. l., 9 m., 4 to 10 in. dia.; 56 hyd.; 40 v.; met., 394; 414 serv.; pipe, lead; pres., dom. 50 lbs., f. 100 lbs.; cost, \$73,259; cost mtce., \$1,894; wks. owned by city.

OCONTO, p. 5,629; f. area, 3,840 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 h. & 1 trk., 2 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,700 ft.; f. al., Game-well, 25 bx.; val. equip., \$22,000; val. bldgs., \$9,000; exp. dept., \$15,000; tot. mem. 11, pd. full time 4, 7 vol.; undra. rating, third class.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to res.; res. cap., 300,000 gals.; 3 pump. eng., cap. day 4,000,000 gals.; mains, c. l., $14\frac{1}{4}$ m., 4 to 12 in. dia.; 122 hyd.; met., 6; 770 serv.; pipe, galv. l.; pres., dom. 40 lbs., f. 100 to 140 lbs.; cons. day, 400,000 gals.; wks. owned by Co.

OCONTO FALLS, F. dept. not reported.

Water Supply—Src., wells, in bus. cent.; sys., dir. pres.; res. cap., 60,000 gals.; 1 pump. eng., cap. day, 25,000 gals.; mains, c. l., $2\frac{1}{2}$ m., 4 to 8 in. dia.; 17 hyd.; 8 v.; 2 met.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 12,000 gals.; cost, \$17,500; cost mtce., \$3,500; wks. owned by village.

OMRO, p. 1,285; f. area, 600 a.; merc. bldgs., bk. & iron, 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 h. & 1 trk., 8 c. hand ex., 2 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 300 ft.; tot. hose, 1,900 ft.; f. al., bell & wh.; val. equip., \$4,500; exp. dept., \$362; tot. mem., 41 vol.

Water Supply—Src., riv., cisterns, res.

ONALASKA, p. 1,146; f. area, 80 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose wag., 1 hose cart; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,800; tot. mem., 28 vol.

Water Supply—Src., well, 8 blocks bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 5,280 bbls.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. i., 3½ m., 2 to 8 in. dia.; 28 hyd.; 111 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 75 lbs.; cost, \$17,500; cost mtce., \$595; wks. owned by city.

OREGON. F. dept. not reported.

Water Supply—Src., well, in bus. cent.; sys., grav.; stdp. cap., 16,000 gals., dim. 16 x 16; mat., wd. & stl.; 1 pump. eng., cap. day 188,000 gals.; mains, c. i., 3 m., 4 to 6 in. dia.; 20 hyd.; 5 met.; pipe, lead; pres., dom. 50 lbs., f. 65 lbs.; cons. day, 12,000 gals.; cost, \$15,000; cost mtce., \$500; wks. owned by village.

ORFORDVILLE, p. 450; f. area, 640 a. F. dept.—5 c. hand ex.; val. equip., \$1,000; exp. dept., \$75; tot. mem., 26 vol.

No waterwks.

OSHKOSH, p. 33,062; f. area, 10,240 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 chief's auto., 1 auto. hose wag, 2 str. in reserve, 1 comb. c. & h. wag. in reserve, 1 c. eng., 9 c. hand ex., 2 in reserve, 1 h. & l. trk., 1 a.s. trk., 7 supply wag., 6 hose wag., 16 hrs. 1 in reserve; hose, cot. rub. lined, gd., 15,000 ft.; inf., 800 ft.; tot. hose, 15,800 ft.; f. al., Gamewell, 75 bx.; val. equip., \$39,100; val. bldgs., \$60,000; exp. dept., \$24,271; tot. mem., 88, pd. full time.

Water Supply—Src., well, lake; sys., pump dir.; stdp. cap., 3,000,000 gals.; res. cap., 2,000,000 gals.; 8 pump. eng., cap. day 11,000,000 gals.; mains, 60 m., 4 to 16 in. dia.; 484 hyd.; 1,166 met.; 3,485 serv.; 324 v.; pres., dom. 40 lbs., f. 125 lbs.; cons. day, 2,400,000 gals.; cost, \$640,000; wks. owned by Co.

OWEN, p. 745; f. area, 40 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—Hose reel, c. hand ex., hooks, ladders, axes, &c.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$600; tot. mem., 17 vol.

Water Supply—Src., well, ¼ m. bus. cent.; sys., pump to stdp., dim. 17 x 17; mat., stl.; 1 pump. eng., cap. 216 gals. min.; mains, c. i., 2½ m., 6 to 8 in. dia.; 24 hyd.; 19 met.; 39 serv.; pipe, galv. i.; pres., dom. f., 40 lbs.; cons. day, 8,750 gals.; cost, \$14,500; cost mtce., \$400; wks. owned by city.

PARDEEVILLE, p. 987; f. area, 1½ sq. m.; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline eng., 12 c. hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,000; tot. mem., 40 vol.

Water Supply—Not reported.

PARK FALLS, p. 2,500; f. area, 160 a. F. dept.—2 hose carts, 2,000 ft. hose; val. equip., \$2,000; val. bldgs., \$250; exp. dept., \$500; tot. mem., 32, pd. part time.

Water Supply—Src., wells, in bus. cent.; sys., dir. pres.; 1 pump. eng., cap. day 1,440,000 gals.; 16 hyd.; mains, 2,200 ft.; pres., dom. 60 lbs., f. 100 lbs.; cost, \$12,000; cost mtce., \$1,200; wks. owned by city.

PESHTIGO, p. 1,975; f. area, 120 a.; bldgs., wd., 1 to 3 stor.; wd. rfs. perm. F. dept.—2 stm. eng., 1 h. & l. trk., 1 hose car.; hose, linen, gd., 800 ft.; rub., gd., 1,600 ft.; inf., 400 ft.; cot., gd., 1,200 ft.; tot. hose, 3,200 ft.; f. al., triangle; val. equip., \$4,000; val. bldgs., \$4,500; tot. mem., 20 vol.

Water Supply—Src., artesian wells & riv.

PHILLIPS, p. 1,948; f. area, 6 blocks; merc. bldgs., bk. & iron, 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., wh.; tot. mem., 82 vol.

Water Supply—Src., riv., 1,000 ft. bus. cent.; sys., pump dir.; 8 pump. eng., cap. day 1,000,000 gals.; mains, c. i., 2 m., 6 & 8 in. dia.; 19 hyd.; 42 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 120 lbs.; wks. owned by city.

PLAINFIELD, p. 850; f. area, 1 sq. m. F. dept.—1 gas. eng.; val. equip., \$1,500; val. bldgs., \$200; tot. mem., 36 vol.

Water Supply—Src., wells.

PLATTEVILLE, p. 4,452; f. area, 1,280 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 24 c. hand ex., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 500 ft.; tot. hose, 1,700 ft.; f. al., Gamewell, 10 bx.; tot. mem., 130 vol.

Water Supply—Src., well, 1-3 m. bus. cent.; sys., grav. & pump to stdp., dim. 20 x 30, mat. stl.; stdp. cap., 68,400 gals.; res. cap., 80,000 gals.; 2 pump. eng., class comp. dup., cap. day, 1,750,000 gals.; mains, 14.26 m., 4 to 10 in. dia.; 150 hyd.; 970 v.; met., 790; 975 serv.; pres., dom. 75 lbs., f. 90 to 100 lbs.; cons. day, 128,187 gals.; cost, \$100,594; cost mtce., \$1,500; wks. owned by city.

PLOVER, p. 400; f. area, 160 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor. F. dept.—12 c. hand ex.; vol.

Water Supply—Not reported.

PLUM CITY, p. 340; f. area, 150 a. F. dept.—1 str., 1 h. & l. trk., 1 hose cart; val. equip., \$1,200; val. bldgs., \$1,500; tot. mem., 25 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 16,500 gals.; cost mtce., \$50; wks. owned by city.

PLYMOUTH, p. 3,094; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 1 c. eng., 1 h. & l. trk., 1 hose wag, 2 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 1,000 ft.; tot. hose, 3,500 ft.; f. al., bell & wh.; val. equip., \$7,000; val. bldgs., \$6,000; exp. dept., \$800; tot. mem., 200 vol.

Water Supply—Src., wells, ¼ m. bus. cent.; sys., pump to res.; res. cap., 350,000 gals.; 2 pump. eng., cap. day 1,400,000 gals.; mains, c. i., 3 m., 4 to 10 in. dia.; 55 hyd.; 14 v.; met., 60; 130 serv.; pipe, galv. i.; pres., dom. 95 lbs., f. 95 lbs.; cost, \$75,000; cost mtce., \$6,000; wks. owned by city.

PORTAGE, p. 5,440; f. area, 1,500 a.; merc. bldgs., bk., 1½ to 3 stor.; wd. rfs. not perm. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 1 hose wag, 2 hose reels, 1 70-ft. extension ladder, 4 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; inf., 300 ft.; tot. hose, 8,300 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$9,000; exp. dept., \$2,800; tot. mem., 30, pd. full time 8, vol. 27.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 300,000 gals.; pump. eng., cap. day 2,500,000 gals.; mains, c. i., 12 m., 4 to 14 in. dia.; 102 hyd.; 40 v.; 19 met.; 740 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 120 lbs.; cons. day, 500,000 gals.; cost mtce., \$5,000; wks. owned by city.

PORT WASHINGTON, p. 3,792; f. area, 600 a.; merc. bldgs., bk., 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 8 c. hand ex., 1 h. & l. trk., 1 hose wag, 2 hose car.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., elec., 6 bx.; val. equip., \$6,000; val. bldgs., \$2,000; exp. dept., \$1,500; tot. mem., 25 vol.; undra. rating, third class.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 200,000 gals., dim. 20 x 40, mat. stl.; 3 pump. eng., class trip. & centrif.; mains, c. i., 7 m., 4 to 10 in. dia.; 72 hyd.; 450 met.; 500 serv.; pres., dom. 80 lbs., f. 110 lbs.; wks. owned by city.

POTOSI, p. 464; f. area, 40 a.; bldgs., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area. F. dept.—1 comb. c. & h. wag, 8 c. hand ex., 1 hose wag, 1 hrs.; hose, cot., rub. lined, gd., 500 ft.; inf., 200 ft.; tot. hose, 700 ft.; f. al., bell; tot. mem., 28 vol.

Water Supply—Not reported.

PRAIRIE DU CHIEN, p. 3,140; f. area, 1,000 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 50-gal. c. eng., 4 c. ex., 1 h. & l. trk., 2 hose carts combined; hose, cot., gd., 2,500 ft.; f. al., bell; val. equip., \$6,800; val. bldgs., \$6,000; exp. dept., \$950; tot. mem., 60 vol.; undra. rating, third class.

Water Supply—Src., flowing artesian wells; sys., grav. & pump; 1 pump. cap. day 750,000 gals.; res. cap., 318,000 gals.; mains, 1 m., 4 to 8 in. dia.; 47 hyd.; cost, \$10,000; cost mtce., \$200; wks. owned by Co.

PRENTICE, p. 650; f. area, 100 a. F. dept.—2 hose carts, 1 h. & l. trk., 1,600 ft. hose; val. equip., \$1,500; val. bldgs., \$6,000; exp. dept., \$40; tot. mem., 26 vol.

Water Supply—Src. riv. in bus. cent.; sys. dir. pres.; 1 pump. eng. 8 hyd.; 4 v.; mains, 6,000 ft.; cost mtce., \$400; wks. owned by city.

PRESCOTT, p. 936; f. area, 400 a.; merc. bldgs., bk., stn. & wd., 1½ to 4 stor.; priv., wd., 2 stor.; wd. rfs. perm.; combt. ord. F. dept.—1 gasoline eng., 1 hand eng., 24 c. hand ex., 2 h. & 1 trk., 2 hose carts; hose, cot., rub. lined, 2,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$600; tot. mem., 45 vol.

Water Supply—Src., wells & riv.

PRINCETON, p. 1,269; f. area, 400 a.; bldgs., stn., bk. & wd., 1 & 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 hand eng., 1 c. eng., 1 h. & 1 trk., 3 hose car.; hose, rub., gd., 2,500 ft.; f. al., bell; val. equip., \$3,700; exp. dept., \$100; tot. mem., 50 vol.

Water Supply—Src., Fox riv. & Mill Channel.

RACINE, p. 38,002; f. area, 2,820 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 chief's auto., 2 auto. comb. c. & h. wag., 3 comb. c. & h. wag., 2 h. & 1 trk., 4 exercise wag., 2 hose reels, 10 c. hand ex., 8 hrs.; hose, cot., rub. lined, gd., 11,500 ft.; f. al., Gamewell, 47 bx.; val. equip., \$70,000; exp. dept., \$37,474; tot. mem. 41, pd. full time; undra. rating, second class.

Water Supply—Src., lake; sys., pump to stdp. & dir.; stdp. cap., 330,480 gals.; 5 pump. eng., cap. day 14,250,000 gals.; mains, c. i., 70.72 m., 6 to 24 in. dia.; 658 hyd.; 656 v.; met., 5,343; 7,456 serv.; pres., f. 125 lbs.; cons. day, 3,319,000 gals.; wks. owned by Co.

RANDOM LAKE, F. dept.—1 str., 1 h. & 1 trk., 1,500 ft. hose; vol. No waterwks.

RED GRANITE, p. 1,521; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & 1 trk., 2 hose car., 1 hand pump.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 250 ft.; tot. hose, 1,750 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$1,500; exp. dept., \$250; tot. mem., 30 vol.

Water Supply—Not reported.

REEDSBURG, p. 2,615; f. area, 2 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 comb. c. & h. wag., 1 hose car., 2 hrs.; hose, cot., rub. lined, 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$4,500; val. bldgs., \$3,000; exp. dept., \$2,000; tot. mem., 31 vol.; 1 pd. man; undra. rating, third class.

Water Supply—Src., well, in bus. cent.; sys., pump to res. & stdp.; stdp. cap., 63,000 gals.; res. cap., 50,000 gals.; 2 pump. eng., cap. day 950,000 gals.; mains, c. i., 8¼ m., 4 to 10 in. dia.; 51 hyd.; 26 v.; 515 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 300,000 gals.; cost, \$25,000; cost mtce., \$4,000; wks. owned by city.

REESEVILLE, p. 400; f. area, 20 a. F. dept.—1 gas. eng.; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$25; tot. mem., 30 vol.

Water Supply—Src., 8 cisterns.

RHINELANDER, p. 5,637; f. area, 1,618 a.; merc. bldgs., bk. & wd., 2½ & 3 stor.; priv., bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 7 c. hand ex., 1 h. & 1 trk., 3 hose wag., 5 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., Gamewell, 17 bx.; val. equip., \$10,500; val. bldgs., \$10,000; exp. dept., \$5,000; tot. mem., 8, pd. full time; undra. rating, third class.

Water Supply—Src., well & riv.; sys., pump to stdp. & dir.; stdp. cap., 150,000 gals.; 4 pump. eng., cap. day 3,580,000 gals.; mains, c. i., 15 m., 4 to 18 in. dia.; 188 hyd.; 108 v.; 8 met.; 817 serv.; pipe, galv. i. & lead; pres., dom. 54 lbs., f. 100 to 110 lbs.; cost, \$125,000; wks. owned by Co.

RICE LAKE, p. 3,968; f. area, 60 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & 1 trk., 1 aer. trk., 1 hose wag., 4 hose car.; hose, cot., rub. lined, 3,300 ft.; f. al., telp.; val. equip., \$10,000; val. bldgs., \$19,000; exp. dept., \$700; tot. mem., 50 vol.

Water Supply—Src., wells, lake, ½ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day

305,116 gals.; mains, c. i., 10 m., 4 to 10 in. dia.; 73 hyd.; met., 414; 414 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 100 lbs.; wks. owned by city.

RICHFIELD, p. 149; f. area, 3 blocks; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose car., 6 ladders, 1 ex. ladder; hose, rub., gd., 150 ft.; inf., 50 ft.; tot. hose, 200 ft.; f. al., bell; val. equip., \$300; val. bldgs., \$150; exp. dept., \$60; tot. mem., 25 vol.

Water Supply—Src., wells & cisterns.

RICHLAND CENTER, p. 2,652; f. area, 400 a.; merc. bldgs., bk., 2 stor.; priv., stn., bk. & wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 4 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 1,000 ft.; tot. hose, 2,500 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$2,000; tot. mem., 70 vol.

Water Supply—Src., wells; sys., pump to res.; res. cap., 150,000 gals.; 2 pump. eng., cap. day 960,000 gals.; mains, c. i., 8 m.; 67 hyd.; met., 306; 596 serv.; pipe, lead; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 160,000 gals.; cost, \$53,856; cost mtce., \$3,471; wks. owned by city.

RIO, p. 704; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas. eng., 1 h. & 1 trk., 2 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$2,000; val. bldgs., \$4,000; exp. dept., \$150; tot. mem., 22 vol.

Water Supply—Src., cisterns.

RIPON, p. 3,739; merc. bldgs., stn. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; rub., gd., 800 ft.; tot. hose, 3,300 ft.; f. al., bell; val. equip., \$8,000; exp. dept., \$1,000; tot. mem., 25 vol.; undra. rating, fourth class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 135,000 gals.; res. cap., 750,000 gals.; 2 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 12 m., 6 to 16 in. dia.; 102 hyd.; 51 v.; met.; 50; 725 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 400,000 gals.; cost, \$100,000; cost mtce., \$5,000; wks. owned by Co.

RIVER FALLS, p. 1,991; f. area, 700 a.; merc. bldgs., stn., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$400; tot. mem., 30 vol.

Water Supply—Src., wells, 3 m. bus. cent.; sys., pump to res.; res. cap., 192,000 gals.; 2 pump. eng., class dup. & trip., cap. day 400,000 gals.; mains, c. i., 5 m., 4 to 10 in. dia.; 54 hyd.; 58 v.; met., 26; 400 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 60 to 70 lbs.; cons. day, 180,000 gals.; cost, \$35,000; cost mtce., \$2,000; wks. owned by city.

ROCK ELM, p. 168; merc. bldgs., wd. F. dept.—1 hand eng., 1 h. & 1 trk.; f. al., bell; tot. mem., 15 vol.

Water Supply—Src., cisterns & strm.; sys., pump; res. cap., 500 bbls.

ROSENDALE, p. 300; f. area, 640 a. F. dept.—1 h. & 1 trk., 1 hand pump, 500 ft. hose; f. al., ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,500; tot. mem., 40 vol.

Water Supply—Src., cisterns, 1 m. bus. cent.; sys., pump.

ST. CROIX FALLS, p. 569; f. area, 80 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 3 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,500; tot. mem., 40 vol.

Water Supply—Src., well, 2 blocks bus. cent.; sys., grav. & dir. pres.; res. cap., 165,000 gals.; mains, c. i., 4 to 8 in. dia.; 14 hyd.; 4 v.; 45 met.; pipe, galv. i.; pres., dom. & f., 95 lbs.; cost, \$15,000; wks. owned by village.

SAUK CITY, p. 867; merc. bldgs., wd., bk. & stn., 1 & 2 stor.; priv., wd., 2 stor. F. dept.—2

hand eng., 3 c. eng., 1 c. hand ex., 1 h. & 1. trk., 2 hose wag.; hose, cot., gd., 650 ft.; inf., 500 ft.; tot. hose, 1,150 ft.; f. al., bell; val. equip., \$3,200; val. bldgs., \$1,200; exp. dept., \$100; tot. mem., 49 vol.

Water Supply—Src., riv. & wells.

SAUKVILLE, p. 308; f. area, 640 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 gasoline eng., 5 c. ex., 1 h. & 1. trk., 1 hose cart; hose, cot., gd., 1,600 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,000; tot. mem., 67 vol.

Water Supply—Src., wells & cisterns.

SCANDINAVIA, p. 355; f. area, 1½ m.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 4 c. ex., 1 h. & 1. trk., 1 hose car., 1 hose wag.; hose, cot., gd., 1,100 ft.; f. al., bell; val. equip., \$750; tot. mem., 40 vol.

Water Supply—Src., riv. & pond.

SEYMOUR, p. 1,109; f. area, 2 a. F. dept.—1 h. & 1. trk., 2 hose carts; hose, 1,500 ft.; f. al., gong; val. equip., \$3,000; val. bldgs., \$8,000; exp. dept., \$515; tot. mem., 25 vol.

Water Supply—Src., res.

SHARON, p. 879; f. area, 60 a.; bldgs., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord. F. dept.—1 c. eng., 25 c. hand ex.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$1,400; val. bldgs., \$2,800.

Water Supply—Src., well, 40 rods bus. cent.; sys., pump to res. & stdp.; stdp. cap., 42,000 gals.; res. cap., 30,000 gals.; pump. eng., cap. day 144,000 gals.; mains, 3½ m., 4 to 8 in. dia.; 32 hyd.; 176 serv.; pres., dom. 61 lbs., f. 100 lbs.; cost, \$17,350; cost mtce., \$650; wks. owned by city.

SHAWANO, p. 2,932; f. area, 180 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; no fwks. ord. F. dept.—2 c. hand ex., 1 h. & 1. trk., 2 hose wag.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 400 ft.; tot. hose, 2,400 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$500; tot. mem., 25 vol.

Water Supply—Src., wells, 1 block bus. cent.; sys., pump dir.; res. cap., 100,000 gals.; 3 pump. eng., cap. 2,520,000 gals. day; mains, iron, 6 m., 4 to 8 in. dia.; 56 hyd.; pipe, iron; pres., dom. 40 to 45 lbs., f. 100 lbs.; cost, \$26,000; wks. owned by city.

SHEBOYGAN, p. 26,398; f. area, 3,120 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 3 str. (1 in reserve), 2 h. & 1. trk., 2 c. hand ex., 4 hose carts, 10 hrs.; hose, cot., rub. lined, gd., 8,250 ft.; inf., 200 ft.; tot. hose, 8,450 ft.; f. al., Gamewell, 55 bx.; val. equip., \$34,345; val. bldgs., \$32,675; exp. dept., \$30,000; tot. mem., 27, pd. full time.

Water Supply—Src., Lake Michigan; sys., dir. pres.; 3 pump. eng., cap. day 15,000,000 gals.; mains, 40 m., 4 to 20 in. dia.; 515 hyd.; 4,505 serv.; 389 met.; 342 v.; pipe, iron; cons. day, 3,526,200 gals.; wks. owned by city.

SHEBOYGAN FALLS, p. 1,630; f. area, 600 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & 1. trk., 1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 900 ft.; inf., 200 ft.; tot. hose, 1,100 ft.; f. al., gong; val. bldgs., \$1,100; exp. dept., \$350; tot. mem., vol.

Water Supply—Not reported.

SHELL LAKE, p. 902; f. area, ¾ m.; merc. bldgs., bk. & stn., 2 stor.; priv., bk. & wd., 1 & 2 stor. F. dept.—1 h. & 1. trk., 7 hose carts; hose, rub., gd., 5,000 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$5,000; tot. mem., 50 vol.

Water Supply—Src., Shell lake; sys., dir. pres.; cap. stdp., 22,800 gals.; 2 pump. eng., cap. day 864,000 gals.; mains, 3 m., 8 to 8 in. dia.; 400 serv.; 33 hyd.; pres., f., 110 lbs.; cost, \$18,000; cost mtce., \$3,673; wks. owned by city.

SHULLSBURG, p. 1,063; merc. bldgs., stn., wd. & bk., 1 to 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; causes of f. inv. F. dept.—2 c. ex., 1 h. & 1. trk., 2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; tot. mem., 31 vol.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump dir.; 2 pump. eng., class dup. & centrif. cap. day 752,000 gals.; mains, c. l., 3 m.; 31 hyd.; 12 v.; 130 serv.; pres., dom. 84 lbs., f. 160 lbs.; cost, \$10,000; cons. day, 25,000 gals.; cost mtce., \$1,100; wks. owned by city.

SOLDIERS GROVE, p. 667; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1. trk., 2 hose reels; hose, cot., rub. lined, gd., 800 ft.; inf., 400 ft.; tot. hose, 1,200 ft.; f. al., bell; tot. mem., 33 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to res.; res. cap., 25,000 gals., dim. 18 x 22 x 12; mat., rock & cem.; 2 pump. eng., class trip., cap. day 60,000 gals.; mains, c. l., 2½ m., 4 to 8 in. dia.; 22 hyd.; 7 v.; pipe, c. i.; pres., dom. & f., 105 lbs.; cons. day, 50,000 gals.; wks. owned by city.

SO. MILWAUKEE, p. 6,092; f. area, 1,800 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1½ to 2 stor.; wd. rfs. perm. F. dept.—1 c. eng., 4 c. hand ex., 1 h. & 1. trk., 1 hose wag.; hose, cot., rub. lined, gd., 2,400 ft.; inf., 500 ft.; rub., gd., 500 ft.; tot. hose, 3,400 ft.; f. al., bell; tot. mem., 26, pd. full time 2, 23 vol.

Water Supply—Src., lake, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 95,000 gals., dim. 35 x 35; mat., bk. & stl.; res. cap., 90,000,000 gals.; 1 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 8 m., 12 in. dia.; 108 hyd.; met., 50; 270 serv.; pres., dom. 70 lbs., f. 110 lbs.; cost, \$90,000; wks. owned by city.

SPARTA, p. 3,973; f. area, 25 a.; merc. bldgs., bk., 1 & 2 stor.; priv., wd., 1 & 1½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—1 str., 1 comb. h. & 1. trk., 1 c. eng., 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., elec. gong; val. equip., \$10,000; val. bldgs., \$7,000; exp. dept., \$890.35; tot. mem., 16 vol.

Water Supply—Src., well, ½ m. bus. cent.; sys., pump. into mains, surplus goes to res.; res. cap., 400,000 gals., loc. on hill; 2 pump. eng., cap. day 2,500,000 gals. each; mains, c. l., 11 m., 4 to 12 in. dia.; 78 hyd.; 62 v.; met., 466; 475 serv.; pres., dom. 65 to 80 lbs., f. 125 lbs.; cons. day, 400,000 gals.; cost, \$100,000; wks. owned by city.

SPRING GREEN, p. 730; f. area, 90 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—5 hand carts, 4 c. hand ex., 1 comb. c. & h. & 1. wag., 1 h. & 1. trk.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.; val. equip., 3,500; val. bldgs., \$10,000; exp. dept., \$750; tot. mem., 24, pd. part time 15, vol. 9.

Water Supply—Src., wells; sys., pump to res.; res. cap., 1,000 bbls.; pump. eng., cap. day 7,272,000 gals.; mains, ¾ m., 4 in. dia.; 9 hyd.; pres., f. 130 lbs.; cost, \$5,000; wks. owned by city.

SPRING VALLEY, p. 972; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfs. not perm. in f. area; combt. ord. F. dept.—2 c. hand ex., 1 h. & 1. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,100 ft.; inf., 100 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 33 vol.

Water Supply—Src., well; sys., pump to res. & dir.; res. cap., 64,000 gals.; pump. eng., cap. day 50,000 gals.; mains, iron, 1 m., 6 in. dia.; 11 hyd.; 56 serv.; pres., f. 72 lbs.; cost, \$8,500; cost mtce., \$400; wks. owned by village.

STANLEY, p. 2,675; f. area, 160 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. h. & 1. trk. & c. eng., 1 h. & 1. trk., 5 hose car.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell & wh.; val. equip., \$3,000; exp. dept., \$350; tot. mem., 24 vol.; undra. rating, fourth class.

Water Supply—Src., well & tk., in bus. cent.; sys., pump dir.; stdp. cap., 85,000 gals.; mat., iron; res. cap., 85,000 gals.; 1 pump. eng., cap. day 576,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 26 hyd.; 5 v.; met., 185; 185 serv.; pipe, iron; pres., dom. 65 lbs., f. 125 lbs.; cost, \$25,000; cost mtce., \$300; wks. owned by city.

STEVENS POINT, p. 8,692; f. area, 640 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng.,

2 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car., 6 hrs.; hose, cot., 4,000 ft.; inf., 2,500 ft.; tot. hose, 6,500 ft.; f. al., elec., 25 bx.; val. equip., \$25,000; val. bldgs., \$8,000; exp. dept., \$7,500; tot. mem., 25, pd. full time 10, 15 vol.

Water Supply—Src., riv. & wells, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 360,000 gals., dim. 20 x 140; mat., stl.; 2 pump. eng., cap. day 4,000,000 gals.; mains, c. l., 12 m., 6 to 16 in. dia.; 155 hyd.; met., 175; 675 serv.; pipe, galv. l.; pres., dom. 65 lbs., f. 180 lbs.; cons. day, 500,000 gals.; cost, \$180,000; wks. owned by Co.

STOCKBRIDGE, p. 875. F. dept.—1 comb. c. & hand pump, 1 hose cart; f. al., bell, val. equip., \$700; val. bldgs., \$2,000; tot. mem., 30 vol.

Water Supply—Src., wells & cisterns.

STOUGHTON, p. 4,761; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, linen, rub. lined, gd., 300 ft.; rub., gd., 2,000 ft.; inf., 900 ft.; tot. hose, 2,300 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$1,800; tot. mem., 83 vol.

Water Supply—Src., well & riv.; sys., pump to stdp.; stdp. cap., 30,000 gals.; mat., bk. & stl.; pump. eng., cap. day 2,500,000 gals.; mains, c. l., 14 m., 4 to 10 in. dia.; 99 hyd.; 45 v.; met., 225; 800 serv.; pipe, lead; pres., dom. 75 lbs., f. 125 lbs.; cost, \$102,965; cost mtce., \$3,121; wks. owned by city.

STURGEON BAY, p. 4,262; f. area, $2\frac{1}{2}$ sq. m.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 gasoline eng., 1 c. eng., 5 c. hand ex., 1 h. & l. trk., 2 hose wag., 4 hrs.; hose, cot., lined, gd., 3,000 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell & wh.; val. equip., \$15,000; val. bldgs., \$10,000; exp. dept., \$1,600; tot. mem., 23, pd. full time 2, 21 vol.

Water Supply—Src., wells & bay, 1 block bus. cent.; sys., pump to res. & dir.; res. cap., 250 bbls.; 1 pump. eng., cap. 1,500,000 gals. day; wks. owned by city.

SUPERIOR, p. 40,384; f. area, 50 a.; merc. bldgs., stn., bk. & wd., 2 to 5 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. with pump, hose & c. tank, 1 auto. tractor for ser. trk., 1 auto. supply wag., 1 chief's auto., 1 squad auto., 3 str., 1 h. eng., 16 c. hand ex. (5 in reserve), 3 h. & l. trk., 1 comb. c., h. & l. trk., 4 comb. c. & h. wag., 1 ser. trk., 1 c. eng., 1 hose wag., 3 hose car., 1 fuel wag., 5 exercise wag., 17 hrs.; hose, cot., rub. lined, gd., 12,040 ft. (in reserve, 500 ft.); f. al., Gamewell, 78 bx.; val. bldgs., \$65,000; exp. dept., \$68,000; tot. mem., 56, pd. full time.

Water Supply—Src., wells, 4 m. bus. cent.; sys., pump dir.; 5 pump. eng., cap. day 24,500,000 gals.; mains, c. l., 61 m., 4 to 24 in. dia.; 835 hyd.; 360 v.; 5,250 met.; 5,710 serv.; pipe, lead; pres., dom. 70 lbs., f. 120 lbs.; cons. day, 2,049,000 gals.; cost, \$1,117,800; cost mtce., \$54,542; wks. owned by Co.

THERESA, p. 345; f. area, $\frac{1}{2}$ m. sq.; bldgs., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 gas. eng., 1 hand eng., 12 hand ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,500; exp. dept., \$500; tot. mem., 62 vol.

Water Supply—Src., riv. & 3 tk.; cap. tk., 250 bbls. each; pump. eng., cap. 1 bbl. min.; wks. owned by city.

THIENSVILLE, p. 308; f. area, 10 a.; merc. bldgs., stn. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 gas. eng., 1 h. & l. trk., 1 hose car., hooks, &c.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$5,000; exp. dept., \$100; tot. mem., 85 vol.

Water Supply—Src., Milwaukee riv. & Pigeon creek.

TIGERTON, p. 728; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 gas. eng., 6 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,750 ft.; f. al., bell; val. equip., \$4,500; exp. dept., \$25; tot. mem., 40 vol. No waterwks.

TISCH MILLS, p. 100; f. area, 10 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—H. & l. c. hand ex., hose reels; hose, cot., rub. lined, gd., 300 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$250; exp. dept., \$25; tot. mem., 18 vol.

Water Supply—Src., riv., surrounds bus. cent.; sys., pump; 1 pump. eng.; mains, 800 ft., 3 to 4 in. dia.; 8 hyd.; 8 val.; met., 1; pipe, iron; pres., dom. 180 lbs., f. 180 lbs.; cost, \$1,250; cost mtce., \$25; wks. owned by village.

TOMAH, p. 4,500; f. area, 6 blocks; merc. bldgs., stn., bk. & wd., 1 to 3 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 hose carts, 1 h. & l. trk.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$250; tot. mem., 35 vol.

Water Supply—Src., wells & creek, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 50,000 gals.; mat., bk. & sheet i.; 2 pump. eng., cap. day, 500,000 gals.; mains, c. l., $7\frac{1}{2}$ m., 3 to 8 in. dia.; 67 hyd.; 26 v.; met., 417; 760 serv.; pipe, galv. l.; pres., dom. 75 lbs., f. 80 lbs.; cons. day, 196,000 gals.; cost, \$56,000; cost mtce., \$5,000; wks. owned by city.

TOMAHAWK, p. 2,907; f. area, 640 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose sleigh, 2 hose car.; hose, cot., rub. lined, gd., 1,850 ft.; inf., 150 ft.; tot. hose, 2,000 ft.; f. al., bell & telp., 25 bx.; val. equip., \$1,200; tot. mem., 25, pd. part time; undra. rating, third class.

Water Supply—Src., spr., $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; stdp. cap., 105,000 gals., dim. 20 x 20; mat., wd.; res. cap., 75,000 gals., loc. in cent. of city; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. l., $12\frac{1}{2}$ m., 2 to 10 in. dia.; 66 hyd.; met., 32; 450 serv.; pipe, galv. l. & lead; pres., dom. 45 lbs., f. 135 lbs.; cons. day, 600,000 gals.; cost, \$40,000; cost mtce., \$3,300; wks. owned by city.

TOWN OF SALEM, p. 400; f. area, 400 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 4 c. ex., 1 hose cart; hose, cot., gd., 300 ft.; f. al., bell; tot. mem., 2 vol.; val. equip., \$500.

Water Supply—Src., wells.

TURTLE LAKE, p. 442. f. area, 60 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 c. hand ex., 1 h. & l. trk., 1 hose reel, 650 ft. hose; f. al., bell; tot. mem., 24 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 36,000 gals.; 1 pump. eng., cap. day 3,600 gals.; mains, 6,500 ft.; 4 to 8 in. dia.; 13 hyd.; 9 v.; pres., dom. & f., 45 lbs.; cost, \$12,000; wks. owned by city.

TWO RIVERS, p. 4,850; f. area, 1,000 a.; bldgs., wd. & bk.; wd. rfs. perm. F. dept.—2 str., 1 c. eng., 1 h. & l. trk., 1 hose car., 8 reels, &c.; hose, cot., rub. lined, gd., 5,000 ft.; f. al., bell & wh.; val. equip., \$8,100; val. bldgs., \$3,000; exp. dept., \$2,500; tot. mem., 36 vol.; undra. rating, third class.

Water Supply—Src., lake, 6 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 183,000 gals., dim. 16 x 20; mat., stl.; 2 pump. eng., class dup., cap. day 1,500,000 gals.; mains, c. l., 7 m., 4 to 12 in. dia.; 78 hyd.; 24 v.; met., 700; 700 serv.; pipe, galv. l.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 90,000 gals.; cost, \$55,000; cost mtce., \$4,600; wks. owned by city.

UNION GROVE, p. 616; f. area, 170 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., rub. lined, gd., 1,300 ft.; f. al., bell; val. equip., \$1,800; exp. dept., \$200; tot. mem., 11 vol.

Water Supply—Src., wells, 40 rds. bus. cent.; sys., pump to stdp.; stdp. cap., 35,000 gals.; 2 pump. eng., cap. day 259,200 gals.; mains, c. l., 2 to 6 in. dia.; 20 hyd.; 175 serv.; pipe, galv. l.; pres., dom. & f., 48 lbs.; cons. day, 15,000 gals.; cost, \$12,000; cost mtce., \$1,000; wks. owned by priv. Co.

VIOLA, p. 800; f. area, 160 a. F. dept.—1 h. & l. trk., 2 hose carts, 1,000 ft. hose; val. equip., \$1,200; val. bldgs., \$800; tot. mem., 30 vol.

Water Supply—Src., artesian well, in bus. cent.; sys., pump to res.; res. cap., 68,000 gals.; 1 pump. eng., cap. min. 250 gals.; mains, c. l., 5 m., 4 to 6 in. dia.; 24 hyd.; pipe, c. l.; pres., dom. & f., 95 lbs.; cost, \$11,000; cost mtce., \$600; wks. owned by village.

VIROQUA, p. 2,959; f. area, 400 a.; bldgs., stn., bk. & wd., 2 stor.; wd. ris. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$500; tot. mem., 160 vol.; undrs. rating, third class.

Water Supply—Src., wells, 3 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 165,000 gals.; dim. 16 x 110, mat. stl.; 2 pump. eng., cap. day, 379,200 gals.; mains, c. l., 9 m., 1 to 8 in. dia.; 29 hyd.; 35 met.; pipe, galv. i.; pres., dom. & f., 47 lbs.; cons. day, 98,000 gals.; cost, \$27,662; cost mtce., \$4,055; wks. owned by city.

WALWORTH, p. 900; f. area, 50 a. F. dept.—1 hand eng., 2 hose carts, 1 h. & l. trk.; val. equip., \$2,000; val. bldgs., \$3,000; exp. dept., \$75; tot. mem., 33 vol.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; 1 pump. eng., cap. day 115,200 gals.; mains, 3 m., 4 to 8 in. dia.; 33 hyd.; 16 v.; 76 serv.; 77 met.; pres., dom. & f., 55 lbs.; cons. day, 3,000 gals.; cost, \$18,184; cost mtce., \$750; wks. owned by city.

WASHBURN, p. 3,880; f. area, 500 a.; merc. bldgs., stn. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. ris. perm. F. dept.—1 h. & l. trk., 3 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., elec., 25 bx.; val. equip., \$8,000; val. bldgs., \$10,000; exp. dept., \$1,789.92; tot. mem., 32 vol.

Water Supply—Src., lake, $\frac{1}{2}$ m. bus. cent.; sys., pump to res.; res. cap., 1,200,000 gals.; 2 pump. eng., cap. day 300,000 gals.; mains, c. l., 6 $\frac{1}{2}$ m., 6 to 12 in. dia.; 64 hyd.; met., 1; 420 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 115 lbs.; cost, \$186,000; cost mtce., \$1,500; wks. owned by Co.

WATERLOO, p. 1,220; f. area, 1,280 a.; merc. bldgs., bk. & wd., 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell & wh.; val. equip., \$6,000; val. bldgs., \$6,000; exp. dept., \$300; tot. mem., 80 vol.

Water Supply—Src., well, 200 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 1 pump. eng.; mains, c. l., 4 $\frac{1}{2}$ m., 6 to 10 in. dia.; 34 hyd.; 14 v.; 90 met.; cost, \$28,000; wks. owned by city.

WATERFORD, p. 700; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose cart, 1 h. & l. trk.; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$700; val. bldgs., \$1,000; exp. dept., \$100; tot. mem., 40 vol.; undrs. rating, first class.

Water Supply—Src., well, 1 m. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day, 86,000 gals.; mains, 2 $\frac{1}{2}$ m.; 42 hyd.; 25 v.; pres., dom. 50 lbs., f. 70 lbs.; cost, \$22,000; cost mtce., \$400; wks. owned by city.

WATERTOWN, p. 8,829; f. area, 40 a.; bldgs., wd., stn., bk., 2 & 3 stor.; wd. ris. perm.; no fwks. & combt. ord. F. dept.—2 str., 4 c. hand ex., 1 h. & l. trk., 2 hose car., 8 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 2,000 ft.; linen, gd., 2,000 ft.; inf., 700 ft.; tot. hose, 6,200 ft.; f. al., 181 bx.; val. equip., \$17,500; val. bldgs., \$15,000; exp. dept., \$2,500; tot. mem., 91, pd. full time 5, vol. 88; undrs. rating, third class.

Water Supply—Src., 3 artesian wells, in bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals.; mat., bk. & iron; res. cap., 850,000 gals.; 3 pump. eng., class horizontal comp. dup. & centrif., cap. day, 4,008,000 gals.; mains, c. l., 20 $\frac{1}{2}$ m., 4 to 16 in. dia.; 180 hyd.; 1,188 met.; 1,200 serv.; pipe, lead; pres., dom. 80 to 85 lbs., f. 90 to 120 lbs.; cost, \$170,000; cost mtce., \$4,200; wks. owned by city.

WAUKESHA, p. 3,740; f. area, 1,700 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd., stn. & bk., 2 stor.; wd. ris. not perm.; fwks. & combt. ord. F. dept.—1 str., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 8,250 ft.; f. al., telep., 28 bx.; val. equip., \$5,000; val. bldgs., \$7,500; exp. dept., \$3,500; tot. mem., 26, pd. full time 2, vol. 24; undrs. rating, third class.

Water Supply—Src., wells, 2 blocks bus. cent.; sys., pump to stdp.; stdp. cap., 350,000 gals.; mat., iron; res. cap., 300,000 gals.; 4 pump. eng., class centrif., cap. day 2,500,000 gals.; mains, c. l., 27 m., 6 to 16 in. dia.; 242 hyd.; 220 v.; met., 1,860; 1,860 serv.; pipe, galv. i.; pres., dom. 65 lbs., f. 100 lbs.; cons. day, 700,000 gals.; wks. owned by city.

WAUNAKEE, p. 550; f. area, 640 a.; merc. bldgs., bk., stn. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. ris. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas. eng., 1 h. & l. trk., 2 c. hand ex., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,000; tot. mem., 40 vol.

Water Supply—Not reported.

WAUPACA, p. 2,789; f. area, 20 a.; bldgs., iron, bk. & wd., 3 stor.; wd. ris. not perm.; fwks. & combt. ord. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,600 ft.; rub. gd., 400 ft.; inf., 200 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$1,200; exp. dept., \$1,000; tot. mem., 30, pd. full time 1, 29 vol.; undrs. rating, fourth class.

Water Supply—Src., wells & riv., 2 blocks bus. cent.; sys., pump to res.; stdp. cap., 325 gals.; res. cap., 382,000 gals., loc. on hill; 2 pump. eng., cap. day, 1,000,000 gals.; mains, c. l., 9.7 m., 4 to 12 in. dia.; 78 hyd.; 56 v.; 539 serv.; 40 met.; pipe, galv. i.; pres., dom. 55 lbs., f. 55 to 150 lbs.; cost, \$72,826; cost mtce., \$2,000; wks. owned by city.

WAUPUN, p. 3,362; bldgs., stn. & bk.; wd. ris. not perm. F. dept.—1 c. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, gd., 2,000 ft.; val. bldgs., \$1,000; tot. mem., 23 vol.; receive \$10.00 per yr. from city; undrs. rating, third class.

Water Supply—Src., wells, 5 blocks bus. cent.; sys., pump to res.; stdp. cap., 65,000 gals.; mat., wd. & conc.; res. cap., 45,000 gals., loc. at station; 2 pump. eng., cap. day 750,000 gals.; mains, c. l., 7 $\frac{1}{2}$ m., 4 to 10 in. dia.; 1 air lift, cap. 26,000 gals. hour; 56 hyd.; met., 348; 600 serv.; pipe, lead & galv. i.; pres., dom. 59 lbs., f. 150 lbs.; cost, \$50,000; cost mtce., \$1,810; wks. owned by city.

WAUSAU, p. 16,560; f. area, 4,160 a.; merc. bldgs., stn., bk., wd., 1 to 3 str.; priv., wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord. F. dept.—2 str., 3 comb. c. & h. wag., 1 h. & l. trk., 1 hose wag., 1 chief's buggy, 13 hrs.; hose, cot., rub. lined, gd., 8,500 ft.; f. al., Gamewell, 36 bx.; a complete flashlight f. al. sys. with bx. & telp. connections, installed; val. equip., \$47,758; val. bldgs., \$24,000; exp. dept., \$16,020; tot. mem., 22, pd. full time 21, pd. part time 1.

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; stdp. cap., 100,000 gals.; 2 pump. eng., class hor., cap. day 6,000,000 gals.; mains, c. l., 38 m., 3 to 16 in. dia.; 260 hyd.; 411 v.; met., 90; 2,200 serv.; pipe, lead & galv. i.; pres., dom. 55 lbs., f. 100 to 125 lbs.; cons. day, 2,005,000 gals.; cost, \$820,000; cost mtce., \$14,107; wks. owned by city.

WAUTOMA, p. 964; f. area, 4 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 h. & l. trk., 2 c. hand ex., 2 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 200 ft.; tot. hose, 2,000 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$6,000; exp. dept., \$350; tot. mem., 32 vol.

Water Supply—Not reported.

WAUWATOSA, p. 2,346; f. area, 1,900 a.; merc. bldgs., bk. & wd.; wd. ris. perm. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; exp. dept., \$1,613; tot. mem., 23; undrs. rating, third class.

Water Supply—Src., well, 2 blocks bus. cent.; sys., pump to res. & stdp.; stdp. cap., 200,000 gals., dim. 24 x 80; mat., iron & stl.; res. cap., 180,000 gals., loc. near the well; 2 pump. eng., class dup. comp., cap. day, 2,000,000 gals.; mains, c. l., 17 m., 6 to 12 in. dia.; 232 hyd.; 197 v.; met., 677; 688 serv.; pipe, lead; pres., dom. 35 to 50 lbs.; f. 120 lbs.; cons. day, 230,364 gals.; cost, \$64,000; cost mtce., \$2,500; wks. owned by city.

WELCOME, p. 400; f. area, 200 a. F. dept.—1 str., 1,200 ft. hose; val. equip., \$2,200; val. bldgs., \$1,500; exp. dept., \$162; tot. mem., 27 vol.

Water Supply—Src., 7 cisterns, in bus. cent.; sys., dir. pres.; cap. cisterns, 400 bbls.; cost, \$3,000; cost mtce., \$200; wks. owned by city.

WEST ALLIS, p. 6,645; f. area, 12 m.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 12 c. hand ex., 1 h. & l. trk., 2 hose wag., 3 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 250 ft.; inf., 1,000 ft.; tot. hose, 3,750 ft.; f. al., telp. & wh.; val. equip., \$11,880; val. bldgs., \$8,000; exp. dept., \$5,200; tot. mem. 40, pd. full time 2, pd. part time 1, vol. 37; undrs. rating, first class.

Water Supply—Not reported.

WEST BEND, p. 2,462; f. area, 650 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1 to 2 1/2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 str., 5 c. hand ex., 1 h. & l. trk., 2 hose car., 1 hose wag., 8 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 500 ft.; tot. hose, 2,700 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$3,500; exp. dept., \$500; tot. mem., 60, pd. part time 2, 58 vol.

Water Supply—Src., well, 3 blocks bus. cent.; sys., grav.; res. cap., 60,000 gals.; 1 pump. eng., cap. day, 600,000 gals.; mains, c. l., 6 m., 4 to 10 in. dia.; 60 hyd.; 40 v.; 275 met.; 300 serv.; pipe, lead; pres., dom. & f. 40 to 70 lbs.; cons. day, 60,000 gals.; cost, \$44,000; cost mtce., \$1,250; wks. owned by city.

WESTBY, p. 902; merc. bldgs., bk. & wd., 2 stor.; priv., bk., stn. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; f. al., wh. & bell; val. equip., \$800; exp. dept., \$200; tot. mem. 18, pd. part time.

Water Supply—Src., well, 1 block bus. cent.; sys., pump to stdp.; stdp. cap., 200,000 gals., dim. 16 x 50; mat., stl.; 1 pump. eng., cap. day 37,200 gals.; mains, c. l., 4 m., 1 1/2 to 8 in. dia.; 185 hyd.; 9 v.; met., 84; pres., dom. & f., 35 lbs.; cons. day, 40,000 gals.; cost, \$8,062; cost mtce., \$117; wks. owned by village.

WESTFIELD, p. 729; f. area, 120 a.; bldgs., 2 stor., bk., cem. & wd.; wd. rfs. perm. F. dept.—1 hand eng., 1 gas. eng., 2 hose car., 1 h. & l. wag.; hose, cot., gd., 1,000 ft.; tot. mem., 40 vol.; f. al., bell.

Water Supply—Src., riv. & wells.

WEST SALEM, p. 840; f. area, 640 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 comb. c. & h. eng., 4 c. ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 400 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$1,500; exp. dept., \$384; tot. mem., 36 vol.

Water Supply—Src., wells & 3 public cisterns, cap. 250 bbls. each; sys., pump to res.; res. cap., 100,000 gals.; 1 pump; mains, 3 m.; pres., 76 lbs.; wks. owned by city.

WEYAUWEGA, p. 967; f. area, 16 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 gas. eng., 4 c. hand ex., 1 h. & l. trk., 3 hose car., hose, cot., rub. lined, gd., 2,100 ft.; inf., 500 ft.; tot. hose, 2,600 ft.; f. al., bell, 6 bx.; val. equip., \$3,000; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 48 vol.

Water Supply—Src., 2 cisterns, 7 wells & Wau-paca riv.; 1,000 ft. mains.

WHITEWATER, p. 3,224; f. area, 1,200 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., bk.

& wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 1 hose wag., 8 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 4,000 ft.; tot. hose, 6,500 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$6,000; exp. dept., \$850; tot. mem., 65 vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 160,000 gals.; res. cap., 950,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 9 m., 6 to 14 in. dia.; 101 hyd.; 60 v.; 450 serv.; pres., dom. 70 lbs., f. 125 lbs.; cons. day, \$25,000 gals.; cost, \$90,000; wks. owned by Co.

WILD ROSE, p. 551; f. area, 60 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 20 c. hand ex., 1 h. & l. trk.; hose, cot., rub. lined, gd., 300 ft.; f. al., bell; tot. mem., 30 vol.

Water Supply—Not reported.

WILTON, p. 600; f. area, 40 a. F. dept.—2 hose carts, 1 h. & l. trk., 1,000 ft. hose; val. equip., \$1,000; val. bldgs., \$2,000; tot. mem., 35 vol.

Water Supply—Src., res. in bus. cent.; sys., dir. pres.; 1 pump. eng.; 13 hyd.; pres., dom., 70 lbs.; cost, \$11,000; wks. owned by city.

WINNECONNE, p. 940; f. area, 900 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 1 1/2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 13 c. hand ex., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, 600 ft.; inf., 250 ft.; tot. hose, 850 ft.; f. al., bell; val. equip., \$1,733; val. bldgs., \$1,100; exp. dept., \$60; tot. mem., 28 vol.

Water Supply—Src., riv. in bus. cent.; sys., pump to res.; res. cap., 30,720 gals., loc. on Main street; pump. eng.; wks. owned by city.

WITHEE. F. dept. not reported.

Water Supply—Src., well, 1/4 m. bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals., dim. 16 x 28; mat., stl.; 1 pump. eng., cap. day 144,000 gals.; mains, c. l., 1 m., 4 to 8 in. dia.; 11 hyd.; 7 v.; pipe, galv. l.; pres., dom. 45 lbs.; cons. day, 5,000 gals.; cost, \$10,000; cost mtce., \$500; wks. owned by city.

WITTENBERG, p. 1,090; f. area, 60 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hand pump, 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 400 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 23 vol.

No waterwks.

WONEWOG, p. 789; bldgs., bk. F. dept.—5 c. hand ex., 2 hose carts, 1 h. & l. trk.; hose, 1,000 ft.; f. al., bell; tot. mem., 30 vol.

Water Supply—Src., well, 1/4 m. bus. cent.; sys., pump to res.; res. cap., 100,000 gals.; 1 pump. eng., cap. 468,000 gals.; mains, iron, 2 1/4 m., 4 to 8 in. dia.; 21 hyd.; wks. owned by city.

Places with a population of 1,000 or more having no organized fire dept.—Addison, Alder, Ashippun, Bloom, Brookfield, Brussels, Burns, Carlton, Centre, Centerville, Clarno, Clifton, Greenfield Hall, Harmony, Henrietta, Hermon, Hull, Lake Nehagmain, Leeda, Lima, Lisbon, Lincoln, Meanon, Moscow, Oakland, Rutland, Sevastopol, Shelby, Sterling.

Places with a population of 1,000 or more not reported.—Albion, Arena, Brothertown, Buena Vista, Burnett, Burke, Byron, Caledonia, Cato, Clayton, Concord, Cooperstown, Dale, Eagle Point, East Troy, Eau Claire, Eden, Eldorado, Ellsworth, Fulton, Genoa, Gillman, Hawthorne, Hebron, Holland, Honey Creek, Ironton, Lamartine, Lebanon, Leroy, Linden, Lyons, Manchester, Magnolia, Malden Rock, Mason, Melrose, Mifflin, Muskego, Nelson, New Berlin, New Diggins, Oak Grove, Odanah, Prairie Farm, Pensaucke, Red Cedar, Rhine, Royalton, Rudolph, Rubicon, Seneca, Somerset, Somers, Spring Prairie, Summit, Taycheedah, Trempealeau, Trimbeile, Vernon, Wayne, Woodville, Winchester, Windsor, Wiota, Wyacena.

WYOMING

ATLANTIC CITY, p. 235. No org. f. dept.
Water Supply—Src., spr.; aya., grav.; mains, $\frac{1}{2}$ m., $1\frac{1}{2}$ in. dia.; 4 hyd.; 4 v.; pres., f. 80 lbs.; cost, \$1,000; wks. owned by Co.

BUFFALO, p. 1,368; f. area, 960 a.; merc. bldgs., bk. & stn., 1 to 2 stor.; priv., wd. & bk., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,500 ft.; f. al., Gamewell; val. equip., \$2,000; val. bldgs., \$8,000; exp. dept., \$100; tot. mem., 50 vol.

Water Supply—Src., creek, 3 m. bus. cent.; aya., grav.; stdp. cap., 32,000 gals.; pump. eng., cap. day 864,000 gals.; mains, 8 m., 4 to 8 in. dia.; 45 hyd.; 39 v.; 385 serv.; pres., dom. 80 lbs., f. 170 lbs.; cost, \$105,000; cost mtce., \$300; wks. owned by city.

CASPER, p. 2,639; bldgs., wd. & bk. F. dept.—1 h. & l. trk., 2 hose car., 1 auto. comb. c. & h. trk.; hose, cot., rub. lined, gd., 1,900 ft.; f. al., telp. aya.; tot. mem., 32 vol., 1 pd. man.

Water Supply—Src., mountain spr., 7 m. bus. cent.; aya., grav.; mains, c. l. & stl., 21 m., 4 to 8 in. dia.; 54 hyd.; 600 met.; 650 serv.; pipe, galv. i.; pres., dom. 85 lbs., f. 100 to 400 lbs.; cons. day, 200,000 gals.; cost, \$60,000; wks. owned by city.

CHEYENNE, p. 11,320; f. area, 1 sq. m.; merc. bldgs., bk., stn. & wd., 1 to 6 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 comb. c. & h. wag., 1 c. eng., 14 c. hand ex., 2 auto. hose wag., 1 chief's auto., 1 h. & l. trk., 1 ser. trk., 8 hose wag., 7 hra.; hose, cot., rub. lined, gd., 7,950 ft.; f. al., Gamewell, 86 bx.; val. equip., \$15,000; val. bldgs., \$20,000; exp. dept., \$22,780; tot. mem., 17, pd. full time.

Water Supply—Src., creek, 28 m. bus. cent.; aya., grav., pump dir.; res. cap., 3,294,000,000 gals.; pump. eng., cap. day 3,000,000 gals.; mains, wd., stn., terra cotta & iron, 68 m., 4 to 30 in. dia.; 275 hyd.; 868 v.; met., 8; 2,000 serv.; pipe, lead; pres., dom. 90 to 120 lbs., f. 90 to 120 lbs.; cons. day, 3,600,000 gals.; cost, \$1,550,000; wks. owned by city.

CROSBY, p. 200; f. area, 40 a.; merc. bldgs., wd., 1 stor.; priv., wd., 1 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car., 12 c. hand ex.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 500 ft.; inf., 200 ft.; tot. hose, 2,700 ft.; f. al., wh.; val. equip., \$2,000; val. bldgs., \$200; vol.

Water Supply—Src., Big Horn riv., 2 m. bus. cent.; aya., pump to res.; res. cap., 70,000 gals.; 1 pump. eng., class elec., cap. day 200,000 gals.; mains, 2 m., 4 to 5 in. dia.; 12 hyd.; 10 v.; 45 serv.; pipe, stl.; pres., dom. 40 lbs., f. 60 lbs.; cons. day, 15,000 gals.; cost, \$10,000; wks. owned by Co.

DOUGLAS, p. 2,200; f. area, 320 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—Ladders, hooks, 500 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell & wh.; val. equip., \$1,500; val. bldgs., \$8,000; tot. mem., 7, pd. part time.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; aya., pump to res.; res. cap., 530,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. l., 7 m., 4 to 12 in. dia.; 56 hyd.; 300 serv.; pipe, iron; pres., dom. & f., 75 lbs.; cost, \$40,000; cost mtce., \$5,400; wks. owned by city.

EVANSTON, p. 2,583; f. area, 240 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 16 c. hand ex., 1 h. & l. trk., 1 hose sleigh, with 1,100 ft. hose, 4 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; rub. gd., 600 ft.; tot. hose, 2,800 ft.; f. al., Vindicator Mfg. Co., 17 bx.; val. equip., \$4,500; val. bldgs., \$2,400; exp. dept., \$1,000; tot. mem., 74 vol.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; aya., pump to res.; 2 res., cap. 2,170,000 gals.; 1 pump.

eng., class centrif., cap. day, 1,000,000 gals.; mains, kalamain, 8 m., 4 to 12 in. dia.; 52 hyd.; 11 v.; met.; 380 serv.; pipe, galv. i.; pres., dom. & f. 85 lbs.; cost, \$41,000; cost mtce., \$4,664; wks. owned by town.

FORT RUSSELL, p. 1,000; f. area, 60 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 200 ft.; inf., 1,000 ft.; tot. hose, 2,700 ft.; f. al., bugle; val. equip., \$1,000; val. bldgs., \$400; tot. mem., 489 vol.

Water Supply—Src., well, $2\frac{1}{4}$ m. bus. cent.; aya., grav., pump to stdp. & dir.; stdp. cap., 30,000,000 gals.; dim., 26 x 22; mat., stl. plate; res. cap., 258,000 gals.; 2 pump. eng., class dup., cap. day 150,000 gals.; mains, c. l., 20 m., 4 to 10 in. dia.; 87 hyd.; 12 v.; pres., dom. 85 to 93 lbs.; cons. day, 100,000 gals.; wks. owned by U. S. Gov.

GILLETTE, p. 448; f. area, 160 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$1,000; exp. dept., \$1,500.

Water Supply—Src., well, 1 m. bus. cent.; aya., pump.; 1 pump. eng., cap. day 80,000 gals.; mains, 6 m., 4 to 6 in. dia.; 24 hyd.; cost, \$20,000; cost mtce., \$1,500; wks. owned by city.

KEMMERER, p. 843; f. area, 400 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—80 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 1,800 ft.; f. al., bell; val. equip., \$3,560; val. bldgs., \$1,500; exp. dept., \$500; tot. mem., 26 vol.

Water Supply—Src., riv., 2,200 ft. bus. cent.; aya., pump to stdp.; stdp. cap., 200,000 gals.; res. cap., 75,000 gals.; 2 pump. eng., class dup., comb. cap. day 1,500,000 gals.; mains, c. l., 2 m., 4 to 8 in. dia.; 9 hyd.; pres., dom. 65 lbs., f. 85 lbs.; cons. day, 500,000 gals.; cost, \$26,000; cost mtce., \$3,000; wks. owned by Co.

LARAMIE, p. 8,237; f. area, 640 a.; merc. bldgs., stn. & bk., 1 to 4 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 h. & l. trk., 1 comb. c. & h. wag., 3 hose carts, 6 hra.; hose, cot., rub. lined, 2,700 ft.; f. al., Gamewell, 8 bx.; val. equip., \$10,000; val. bldgs., \$17,000; exp. dept., \$4,325; tot. mem., 3, pd. full time.

Water Supply—Src., spr., $2\frac{1}{2}$ m. bus. cent.; aya., grav.; spr., cap. 1,800,000 gals.; res. cap., 1,450,000 gals.; 1 pump. eng., cap. day, 1,152,000 gals.; mains, c. l., 14 m., 4 to 14 in. dia.; 60 hyd.; 1,200 serv.; pres., dom. 85 lbs., f. 100 lbs.; cons. day, 1,000,000 gals.; wks. owned by U. Pacific R. R. & city.

MANVILLE, p. 350; f. area, 100 a. F. dept.—1 hose cart; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$500; vol.

Water Supply—Src., well, 1 m. bus. cent.; aya., grav.; 1 pump. eng., cap. day, 144,000 gals.; mains, $1\frac{1}{4}$ m.; 17 hyd.; 17 v.; 86 serv.; pres., dom. & f. 40 lbs.; cost, \$20,000; cost mtce., \$600; wks. owned by city.

NEW CASTLE, p. 975; f. area, 180 a.; merc. bldgs., bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 1,000 ft.; tot. hose, 1,500 ft.; val. equip., \$3,500; val. bldgs., \$10,000; exp. dept., \$1,500; tot. mem., 60 vol.; undra. rating, fourth class.

Water Supply—Src., spr., 15 m. bus. cent.; aya., grav.; res. cap., 8,750,000 gals.; mains, stl. & iron, 20 m., 6 in. dia.; 11 hyd.; 6 v.; 10 met.; pipe, c. l.; pres., dom. 110 lbs., f. 110 lbs.; cost mtce., \$2,000; wks. owned by Co.

PINE BLUFF, p. 246. F. dept.—1 hose cart, 2 nozzles; hose, cot., rub. lined, gd., 500 ft.

Water Supply—Src., underflow near bus. cent.; sys., pump to stdp.; stdp. cap., 50,000 gals.; dim., 18 x 28; mat., stl.; 1 pump. eng., cap. day 312,000 gals.; mains, 2 m., 4 to 6 in. dia.; mat., c. i.; 10 hyd.; 6 v.; met., 28; pipe, galv. i.; pres., dom. 70 to 80 lbs.; f. 80 lbs.; wks. owned by city.

RAWLINS, p. 4,256; f. area, 80 a.; merc. bldgs., stn. & bk., 1 & 2 stor.; priv., bk. & wd., 1 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—20 c. hand ex., 1 h. & 1 trk., 2 hose car., 6 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 800 ft.; inf., 800 ft.; tot. hose, 3,300 ft.; f. al., wh.; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 100 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals.; 2 pump. eng., cap. day 600,000 gals.; mains, c. i. & stl., 3½ m., 4 to 10 in. dia.; 70 hyd.; 30 v.; 900 serv.; pipe, galv. i.; pres., dom. 65 lbs.; f. 125 lbs.; cons. day, 300,000 gals.; cost, \$75,000; cost mtce., \$5,000; wks. owned by city.

ROCK SPRINGS, p. 5,778; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 c. eng., 25 c. hand ex., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 500 ft.; tot. hose, 2,000 ft.; f. al., Gamewell, 12 bx.; val. bldgs., \$30,000; exp. dept., \$2,000; tot. mem., 11 vol.

Water Supply—Src., riv., 17 m. bus. cent.; sys., pump to res. & dir.; res. cap., 2,000,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 40 m., 4 to 8 in. dia.; 55 hyd.; 112 v.; 730 met.; 760 serv.; pres., dom. 60 to 65 lbs., f. 75 to 90 lbs.; wks. owned by Green River Water Wks. Co.

SARATOGA, p. 557; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hand pump on trk.; hose, linen, gd., 500 ft.; f. al., bell; val. equip., \$350; vol.

Water Supply—Not reported.

SHERIDAN, p. 8,408; f. area, 30 a.; bldgs., bk. & stn., 1, 2 & 3 stor.; wd. rfs. not perm. outside of f. area. F. dept.—1 c. eng., 2 c. hand ex., 8 hrs.; hose, cot., rub. lined, gd., 2,800 ft.; f. al., bell & wh.; val. equip., \$2,500; val. bldgs., \$10,000; exp. dept., \$2,400; tot. mem. 32, pd. full time 2.

Water Supply—Grav. sys.; pres., dom. 90 lbs., f. 175 lbs. to sq. in.; wks. in construction cost \$450,000.

SUNDANCE, p. 281; f. area, 15 sq. blocks; merc. bldgs., wd. & bk., 1 stor.; priv., wd., 1 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., triangle; val. equip., \$1,000; val. bldgs., \$3,000; tot. mem., 26 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 8,000 bbls.; pump. eng., cap. day 75,000 gals.; mains, 5 m., 2 to 6 in. dia.; 8 hyd.; 1 met.; pres., dom. & f., 45 lbs.; cons. day, 25,000 gals.; cost, \$15,000; cost mtce., \$500; wks. owned by city.

THERMOPOLIS, p. 1,524; f. area, 9 blocks; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$300; val. bldgs., \$350; exp. dept., \$25; tot. mem., 20 vol.

Water Supply—Src., Big Horn riv., 1 m. bus. cent.; sys., pump. to stdp.; cap. 85,000 gals.; res. cap., 85,000 gals.; 2 pump. eng., stm. & elec., cap. day 180,000 gals.; mains, wd. & c. i., 5 m., 4 to 6 in. dia.; 24 hyd.; 2½ v.; cost, \$50,000; cost mtce., \$1,200; wks. owned by city.

Places with a population of 1,000 or more having no organized fire dept.—Lowell.

DOMINION OF CANADA

ALBERTA

ACME, p. 250; f. area, 160 a. F. dept.—1 c. eng.; tot. mem., 6 vol.

Water Supply—Src., wells.

BANFF, p. 600; f. area, 280 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. ris. perm. in f. area. F. dept.—Buckets, pails, hand ex., 2 hose reels; vol.

Water Supply—Src., crk., 10 m. bus. cent.; sys., grav.; stdp. cap., 200,000 gals.; res. cap., 1,000,000 gals.; mains, 24 m., 10 to 20 in. dia.; 61 hyd.; 12 met.; pres., f., 100 lbs.; wks. owned by city.

BANKHEAD, p. 800; f. area, 280 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor. F. dept.—Buckets, pails, 4 hose reels; hose, 8,500 ft.; vol.

Water Supply—Src., creek, near bus. cent.; sys., pump; res. cap., 15,000 gals.; 1 pump. eng., class dup.; pres., f. 110 lbs.

BASSANO, p. 2,300; f. area, 800 a. F. dept.—1 gas. eng., 1 c. eng., 2,000 ft. hose; tot. mem., 13 vol.

Water Supply—Src., riv.; pump. eng., cap. day, 432,000 gals.; pres., 65 lbs.

BLAIRMORE, p. 2,500; f. area, 520 a. F. dept.—ladders, 2 hose reels, 1,800 ft. hose; tot. mem., 22, 2 pd. men, vol. 20.

Water Supply—Src., creek; sys., grav.; pres., 85 lbs.

BLAVIMON, p. 2,500; f. area, 280 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hand eng., 2 hose reels; hose, gd., 500 ft.; f. al., bell; val. equip., \$1,000; exp. dept., \$1,000; vol.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., grav.; 2 pump. eng.; mains, c. i., 2 m., 6 to 12 in. dia.; 20 hyd.; pres., dom. 90 lbs., f. 90 lbs.; cost, \$40,000; wks. owned by city.

BROOKS, p. 700; f. area, 160 a. F. dept.—1 c. eng., ladders, hose; tot. mem., 6 vol.

Water Supply—Src., wells.

CALGARY, p. 48,704; f. area, 43 sq. m.; merc. bldgs., stn. & bk., 1 to 10 stor.; priv., stn., bk. & wd., 1 to 3 stor.; wd. ris. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—3 auto. pump. eng., 1 auto. c. eng., 2 auto. comb. c. & h. wag., 1 auto. h. & l. trk., 1 auto. aer. trk., 3 auto. hose wag., 2 str., 2 c. eng., 14 c. hand ex., 1 h. & l. trk., 5 hose wag., 1 comb. c. & h. wag., 1 aer. trk., 21 hrs.; hose, cot., rub. lined, gd., 18,000 ft.; f. al., Gamewell, 140 bx.; val. equip., \$178,264; val. bldgs., \$195,600; tot. mem., 92, pd. full time.

Water Supply—Src., Elbow & Bow Riva., 16 m. & 2 m. bus. cent.; sys., grav. & pump dir.; stdp. cap., 100,000 gals.; dim., 48 x 40; mat., stl.; res. cap., 16,000,000 gals.; 6 pump. eng., class dup., cap. day, 25,000,000 gals.; mains, c. i., 179 m., 4 to 24 in. dia.; 600 hyd.; 1,500 v.; met., 200; 12,200 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 120 to 140 lbs.; cost, \$3,164,000; cost mtce., \$426,056; wks. owned by city.

CAMROSE, p. 1,500; f. area, 2,240 a.; merc. bldgs., bk. & frame, 1 to 3 stor.; priv., frame, 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas eng., 80 c. hand ex., 1 h. & l. trk., 2 hose reels; f. al., telp.; hose, gd., 2,000 ft.

Water Supply—Src., wells, in bus. cent.; sys., pump dir.; mains, wd., 6 m., 6 to 8 in. dia.; 40 hyd.; cost, \$60,000; wks. owned by city.

CARDSTON, p. 1,600.

Water Supply—Src., creek, ½ m. bus. cent.; sys., pump dir.; 1 pump. eng., class, dup.; pres., f. 65 lbs.

CARSTAIRS, p. 400; f. area, 50 a. F. dept.—2 chemicals, ladders, 500 ft. hose; tot. mem., 100 vol.

Water Supply—Src., 2 cisterns, cap. 80,000 gals., in bus. cent.

CASTOR, p. 1,600; f. area, 560 a. F. dept.—1 c. eng., 2 hrs.; 1,200 ft. hose; tot. mem., 11 vol.

Water Supply—Src., wells.

CHAUVIN, p. 200; f. area, 640 a. F. dept.—2 chemicals, ladder cart, 200 ft. hose; tot. mem., 12 vol.

Water Supply—Src., wells.

CLARESHOHUE, p. 1,200; f. area, 640 a.; merc. bldgs., bk. & frame, 1 to 3 stor.; priv., frame, 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 25 c. hand ex., 1 h. & l. trk.; hose, gd., 1,500 ft.; f. al., telp.; val. equip., \$2,000; val. bldgs., \$2,000; tot. mem., 15 vol.

Water Supply—Src., creek, 6 m. bus. cent.; sys., pump dir.; res. cap., 100,000 gals.; 1 pump. eng.; mains, wd., 6 m.; 27 hyd.; pres., dom. 40 lbs., f. 80 lbs.; cost, \$75,000; wks. owned by city.

COCHRANE, p. 500; f. area, 640 a. F. dept.—2 chemicals, ladders, buckets, hose; tot. mem., 20 vol.

Water Supply—Src., springs.

COLEMAN, p. 2,200; f. area, 120 a.; merc. bldgs., frame, 2 stor.; priv., frame, 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 hand eng., 8 hose reels; hose, gd., 600 ft.; inf., 500 ft.; tot. hose, 1,100 ft.; val. equip., \$3,000; val. bldgs., \$4,000; exp. dept., \$400; tot. mem., 14 vol.

Water Supply—Src., creek, 1¼ m. bus. cent.; sys., grav.; res. cap., 1,300,000 gals.; mains, wd., 2½ m., 4 to 8 in. dia.; 7 hyd.; 250 serv.; pres., f. 140 lbs.; cost, \$30,000; cost mtce., \$300; wks. owned by city.

CORMANGAY, p. 400; f. area, 500 a. F. dept.—1 hose cart, 600 ft. hose; tot. mem., 26 vol.

Water Supply—Src., riv.; pump cap. day, 600,000 gals.; pres., 75 lbs.

CORONATION, p. 1,200; f. area, 1,760 a. F. dept.—1 c. eng., ladders, 100 ft. hose.

No waterwks.

DAYSLAND, p. 500; f. area, 100 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 gas eng., 1 h. & l. trk., 2 hose reels, 2 hose wag.; val. equip., \$4,100; val. bldgs., \$800; exp. dept., \$200; vol.

Water Supply—Src., wells, in bus. cent.; sys., pump dir.; 1 pump. eng.; 1 c. eng., 60 gal.

DIDSBURY, p. 1,000; f. area, 960 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1½ stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 15 c. hand ex., 1 h. & l. trk., 1 comb. hose wag.; hose, gd., 200 ft.; f. al., bell; val. equip., 2,500; val. bldgs., \$500; vol.

Water Supply—Src., wells.

EDMONTON, p. 53,383; f. area, 20,800 a.; merc. bldgs., bk., 2 to 8 stor.; priv., bk. & wd., 2 & 3 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 5 c. eng., 37 c. hand ex., 3 h. & l. trk., 1 aer. trk., 1 auto. comb. c. & h. wag., 1 chief's auto., 5 hose wag., 30 hrs., 1 supply wag. & chief's buggy; hose, cot., rub. lined, gd., 19,500 ft.; f. al., Gamewell, 107 bx.; val. equip., \$102,016; val. bldgs., \$114,150; exp. dept., \$81,650; tot. mem. 65, pd. full time; undrs. rating, first class.

Water Supply—Src., Saskatchewan riv., $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. No. 1, cap. 60,000 gals., No. 2, cap. 80,000 gals.; mat., stl.; res. cap., 500,000 gals.; 9 pump. eng., cap. day 41,000,000 gals.; mains, c. i. & stl., 96.71 m., 4 to 20 in. dia.; 499 hyd.; 800 v.; 736 met.; 7,219 serv.; pipe, lead & galv. i.; pres., dom. 40 lbs., f. 80 lbs.; cons. day, 4,000,000 gals.; cost, \$260,820; cost mtce., \$6,500; wks. owned by city.

EXSHAW, p. 600; f. area, 150 a.; merc. bldgs., stl. & iron, 1 & 2 stor.; priv., frame, 1 & 2 stor. F. dept.—Buckets, ladders; hose, gd., 150 ft.; vol. grav.; 2 pump. eng.; 16 hyd.; pres., f. 100 lbs.

FORT SASKATCHEWAN, p. 782; merc. bldgs., bk., stn. & wd., 1 to 4 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline eng., h. & l. trk., 6 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,600 ft.; rub. gd., 900 ft.; tot. hose, 2,500 ft.; f. al., bell & telp.; val. equip., \$6,000; val. bldgs., \$6,000; tot. mem. \$6, pd. full time 1, vol. 34.

Water Supply—Src., riv. & tk., 250 yds. bus. cent.; sys., pump dir.; 9 res., cap. 8,000 gals. each, distributed throughout the town.

FRANK, p. 1,000; f. area, 960 a.; merc. bldgs., frame, 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 2 hose reels; hose, gd., 1,500 ft.; val. equip., \$1,500; val. bldgs., \$1,500; tot. mem., 12 vol.

Water Supply—Src., riv., near bus. cent.; sys., pump dir.; mains, wd.; pres., f. 60 lbs.; cost, \$15,000; wks. owned by Co.

GLEICHEN, p. 750; f. area, 250 a.; merc. bldgs., frame, 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 5 c. hand ex.; vol.

HARDISTY, p. 500. F. dept.—2 c. eng.; tot. mem., 12 vol.

Water Supply—Src., wells.

HIGH RIVER, p. 1,182; f. area, 68 a.; merc. bldgs., bk., stn. & wd., 2 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area. F. dept.—1 gas. eng., h. & l. trk., 6 c. hand ex., 1 hose wag., 2 hose reels, 2 hrs.; hose, rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$7,000; val. bldgs., \$12,000; exp. dept., \$800; tot. mem. 20, pd. full time 10, vol. 10.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 180,000 gals.; 1 pump. eng., cap. day 1,296,000 gals.; mains, c. i., 11, 535 ft., 6 to 10 in. dia.; pres., dom. 40 lbs., f. 120 lbs.; cost mtce., \$3,600; wks. owned by city.

INNISFAIL, p. 900; f. area, 800 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gas. eng., 1 2-cyl. c. eng., 1 h. & l. trk.; f. al., bell; val. equip., \$3,000; exp. dept., \$4,000; tot. mem. 32, pd. part time 2, vol. 30.

Water Supply—Src., wells.

JASPER, p. 250; f. area, 46 a. F. dept.—1 c. eng., 2 hrs.; val. equip., \$1,600; val. bldgs., \$1,500; vol.

Water Supply—Src., lake; sys., grav.; pres., dom. 40 lbs.; cost, \$22,000; wks. owned by G. T. P. Ry.

LACOMBE, p. 1,029. F. dept.—Not reported.

Water Supply—Src., deep well, at bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 12 x 20; mat., wd.; 2 pump. eng., class single acting, cap. day 80,000 gals.; pres., f. 100 lbs.; wks. owned by city.

LEDUC, p. 550; f. area, 1,440 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk., 2 hose reels; hose, gd., 1,200 ft.; inf., 1,000 ft.; tot. hose, 2,200 ft.; f. al., telp.; val. equip., \$1,000; val. bldgs., \$3,500; exp. dept., \$900; tot. mem. 26, pd. full time 1, vol. 25.

Water Supply—Src., wells, 1-3 m. bus. cent.; sys., pump dir.; res. cap., 1,000,000 gals.; 1 pump. eng.

LETHBRIDGE, p. 8,050; f. area, 6,700 a.; merc. bldgs., bk., stn. & wd., 2 to 5 stor.; wd. rfs. not perm.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 str., 2 hose wag., 2 c. eng.,

6 hand ex., 2 hand pumps, 1 h. & l. trk.; hose, gd., 5,000 ft.; f. al., Gamewell, 37 bx.; val. equip., \$35,000; val. bldgs., \$54,000; exp. dept., \$31,000; tot. mem. 18, pd. full time, 16, vol. 2.

Water Supply—Src., Belly riv., $1\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 628,000 gals.; 2 pump. eng., cap. 4,232,000 gals.; mains, 22½ m., 4 to 12 in. dia.; 180 hyd.; 1,500 serv.; pres., dom. 40 lbs., f. 98 lbs.; cons. day, 1,000,000 gals.; wks. owned by city.

LILLE, p. 400; f. area, 100 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—buckets, pails, 1 hose reel; hose, gd., 600 ft.

Water Supply—Src., riv., 200 ft. bus. cent.

LLOYDMINSTER, p. 400; f. area, 640 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 24 c. hand ex., 1 aer. trk., 1 h. & l. trk.; f. al., telp.; val. equip., 1,800; val. bldgs., \$600; exp. dept., \$800; tot. mem., 12 vol.

Water Supply—Src., wells, near bus. cent.

LOUGHEED, p. 300; f. area, 320 a. F. dept.—2 c. eng.

Water Supply—Src., wells.

MACLEOD, p. 1,844; f. area, 960 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., wd., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose reels, 1 comb. c. & h. wag.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 100 ft.; tot. hose, 2,600 ft.; f. al., telp.; val. equip., \$3,700; val. bldgs., \$2,500; exp. dept., \$4,000; tot. mem. 17, pd. full time 1, vol. 16.

Water Supply—Src., riv.; sys., pump dir.; res. cap., 125,000 gals.; 2 pump. eng., cap. 1,100,000 gals. each; mains, c. i., 8 m., 4 to 8 in. dia.; 53 hyd.; 500 serv.; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 450,000 gals.; cost, \$120,000; wks. owned by city.

MAGRATH, p. 1,500; f. area, 500 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—10 c. hand ex.; f. al., bell.

Water Supply—Src., wells.

MEDICINE HAT, p. 5,608; f. area, 4,000 a.; merc. bldgs., bk., 1 to 6 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 comb. c. & ladder wag., 1 auto. comb. pump. eng. & hose wag., 1 auto. aer. h. & l. trk., 1 c. eng., 2 hose carts, 3 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., elec., 13 bx.; val. equip., \$50,000; val. bldgs., \$25,000; exp. dept., \$25,000; tot. mem. 80, pd. full time 10, 20 vol.

Water Supply—Src., Saskatchewan riv., $\frac{1}{2}$ m. bus. cent.; sys., dir. & pump to stdp.; stdp. cap., 500,000 gals.; dim., 85 x 75; mat., stl.; 8 pump. eng., cap. day 1,725,000 gals.; mains, wd. & iron, 24 m., 4 to 10 in. dia.; 195 hyd.; 2,000 serv.; pipe, wd. & iron; pres., dom. 30 to 70 lbs., f. 50 to 90 lbs.; cons. day, 850,000 gals.; cost, \$216,650; cost mtce., \$28,700; wks. owned by city.

MORINVILLE, p. 600; f. area, 200 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 c. eng., 60 gals.; vol.

Water Supply—Src., wells.

MORSE, p. 900; f. area, 400 a. F. dept.—1 gas. eng., hrs., 1,500 ft. hose; tot. mem., 15 vol.

Water Supply—Src., wells.

NANTON, p. 571; f. area, 920 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; upriv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 30 c. hand ex., 1 hand eng., 1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$2,000; val. bldgs., \$1,500; tot. mem., 13 vol.

Water Supply—Src., wells.

OKOTOKS, p. 576; f. area, 820 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 10 c. hand ex., ladders, buckets; val. equip., \$1,200; vol. No waterwks.

OLDS, p. 1,100; f. area, 800 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 6 c. hand ex., 2

hose reels, 2 hrs., ladders; f. al., bell; val. equip., \$2,000; val. bldgs., \$8,000; exp. dept., \$400; tot. mem. 150, pd. full time 2, pd. part time 4, vol. 150.

PINCHER CREEK, p. 1,027; f. area, $\frac{1}{4}$ m.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 50 c. hand ex., 2 hose reels; hose, cot., rub. lined, gd., 1,100 ft.; inf., 300 ft.; tot. hose, 1,400 ft.; f. al., bell; val. equip., \$2,550; val. bldgs., \$1,400; exp. dept., \$700; tot. mem. 20, pd. part time 3, vol. 17.

Water Supply—Src., mountain strm., 1 m. bus. wd., 5 m., 2 to 8 in. dia.; 27 hyd.; 29 v.; met.; 359 serv.; pipe, wd., wire-bound; pres., dom. 57 lbs., f. 63 lbs.; cost mtce., \$1,000; wks. owned by priv. Co.

PONOKA, p. 600; f. area, 640 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, gd., 1,000 ft.; f. al., bell; val. equip., \$3,500; tot. mem., 20 vol.

Water Supply—Src., wells, near bus. cent.

PROVOST, p. 450; f. area, 800 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 c. eng., 20 c. hand ex., ladders, buckets, 1 hose reel; hose, gd., 200 ft.; val. equip., \$850; val. bldgs., \$500; vol.

Water Supply—Src., wells.

RAYMOND, p. 2,000; f. area, 500 a.; merc. bldgs., frame, 1 to 3 stor.; priv., frame, 1 & 2 stor. F. dept.—1 c. eng., 45 gals.; vol.

Water Supply—Src., spr., well, 1 m. bus. cent.; ays., pump dir.; res. cap., 80,000 gals.; 1 pump. eng., cap. day, 125,000 gals.; mains, wd., 6 m., 6 to 12 in. dia.; 4 hyd.; 70 v.; 200 serv.; pipe, galv. i.; pres., dom. & f. 50 lbs.; cons. day, 100,000 gals.; cost, \$40,000; cost mtce., \$2,400; wks. owned by city.

RED DEER, p. 2,118; f. area, 800 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 12 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 100 ft.; inf., 150 ft.; tot. hose, 2,350 ft.; f. al., wh., bell & tel.; val. equip., \$5,500; val. bldgs., \$5,000; exp. dept., \$4,515; tot. mem., 27, pd. full time 3, vol. 24; undra. rating, second class.

Water Supply—Src., Red Deer riv., 1 m. bus. cent.; ays., dir. pres.; res. cap., unlimited; 2 pump. eng., class dup., cap. day, 2,000,000 gals.; mains, 4 m., 3 to 10 in. dia.; mat., iron & wd.; 35 hyd.; 100 v.; met., 3; 305 serv.; pipe, galv. i.; pres., dom. 35 lbs., f. 120 lbs.; cost, \$94,889; cost mtce., \$3,264; wks. owned by city.

ST. ALBERT, p. 900; f. area, 1,280 a.; merc. bldgs., frame, 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 c. eng., 10 c. hand ex., 1 h. & l. trk., 1 hose wag.; hose, gd., 800 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$800; tot. mem., 10 vol.

Water Supply—Src., riv. & wells.

SEDEWICK, p. 300; f. area, 50 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 c. eng., 60 gals., 4 ladders, buckets; hose, gd., 600 ft.; val. equip., \$1,800; val. bldgs., \$2,500; exp. dept., \$200; tot. mem., 22 vol.

Water Supply—Src., well, in bus. cent.

STETTLER, p. 1,444; f. area, 2,400 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 20 c. hand ex., 1 aer. trk., 1 gasoline eng., 2 hose car.; hose, cot.,

rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$5,825; val. bldgs., \$2,000; exp. dept., \$1,000; tot. mem. 17, pd. full time 1, vol. 16.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; ays., grav.; stdp. cap., 50,000 gals.; dim., 19 x 22 ft.; res. cap., 50,000 gals.; 1 pump. eng., cap. day 720,000 gals.; mains, c. l., 3,000 ft., 6 to 10 in. dia.; 13 hyd.; 10 v.; 10 serv.; pipe, c. l.; cons. day, 150,000 gals.; cost, \$32,000; wks. owned by town.

STONE PLAINS, p. 500; f. area, 200 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 c. hand ex., 1 c. eng., 1 water wag., cap. 300 gals.; val. equip., \$600.

Water Supply—Src., crk. & well.

STRATHCONA, Consolidated with Edmonton.

TABER, p. 1,400; f. area, 800 a.; merc. bldgs., bk., stn. & wd., 2 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 hose wag., 1 hand eng.; hose, rub. lined, gd., 1,600 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$1,000.

Water Supply—Src., Belly riv., 2 m. bus. cent.; ays., pump to stdp.; stdp. cap., 80,000 gals.; dim., 20 x 30 ft.; mat., stl.; mains, wd. & iron, 5 m., 6 to 10 in. dia.; 32 hyd.; 60 v.; met., 1; 42 serv.; pipe, c. l. & wd.; pres., dom. 32 lbs., f. 75 lbs.; cons. day, 110,000 gals.; cost, \$60,000; cost mtce., \$3,000; wks. owned by city.

TOFIELD, p. 523; f. area, 320 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd., 1 $\frac{1}{2}$ & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 c. eng.; hose, cot., rub. lined, gd., 200 ft.; rub., gd., 200 ft.; tot. hose, 400 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$8,600; exp. dept., \$200; tot. mem., 13 vol.

Water Supply—Not reported.

VEGREVILLE, p. 1,000; f. area, 350 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 gas. eng., 16 c. hand ex., buckets, ladders, 2 hose wag., hose, gd., 2,300 ft.

Water Supply—Src., tk., in bus. cent.; cap., 50,000 gals.

VERMILLION, p. 900; f. area, 1,200 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 h. & l. trk., 10 c. hand ex., 4 hose reels; hose, gd., 2,000 ft.; inf., 100 ft.; tot. hose, 2,100 ft.; f. al., tel.; val. equip., \$4,000; val. bldgs., \$7,900; exp. dept., \$400; tot. mem., 30 vol.

WETASKIWIN, p. 2,411; f. area, 6.7 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand c. eng., 15 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose reels, 1 hand pump, 3 hrs.; hose, cot., rub. lined, gd., 1,750 ft.; inf., 450 ft.; tot. hose, 2,200 ft.; f. al., tel.; val. equip., \$7,500; val. bldgs., \$5,000; exp. dept., \$3,622; tot. mem., 16, pd. full time 2, vol. 14.

Water Supply—Src., 3 deep wells, 1,500 ft. bus. cent.; ays., pump to stdp.; stdp. cap., 120,000 gals.; dim., 23 x 24 ft.; mat., stl., wd. & conc.; res. cap., 212,000 gals.; 4 pump. eng., cap. day, 4,320,000 gals.; mains, c. l., 6 $\frac{1}{4}$ m., 6 to 10 in. dia.; 51 hyd.; 64 v.; 188 met.; 263 serv.; pipe, lead & galv. i.; pres., dom. 60 to 70 lbs., f. 100 lbs.; cons. day, 120,000 gals.; cost, \$118,610; cost mtce., \$7,237; wks. owned by city.

WAINWRIGHT, p. 1,000; f. area, 1,120 a.; merc. bldgs., frame, 1 to 3 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 c. eng., 4 c. hand ex., 1 h. & l. trk.; hose, gd., 150 ft.; val. equip., \$1,500; tot. mem., 16 vol.

BRITISH COLUMBIA

ALBERNI, p. 800; f. area, 1,600 a. F. dept.—2 hose carts, 1 h. & l. trk., c. hand ex.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$2,000; tot. mem., 25, pd. part time; undrs. rating, fourth class.

Water Supply—Src., crk., 3 m. bus. cent.; sys., grav.; res. cap., 100,000 gals.; mains, wd., 5 m., 4 to 10 in. dia.; 18 hyd.; 3 v.; pres., dom. & f., 85 lbs.; cost, \$50,000; cost mtce., \$600; wks. owned by city.

ASHCROFT, p. 1,000. F. dept.—2 hrs., 4,700 ft. hose; tot. mem., 12 vol.

Water Supply—Src., riv.; sys., grav.

BURNABY, p. 15,000; f. area, 27 sq. m. F. dept.—Not reported.

Water Supply—Src., mountain str.; sys., grav.; 3 res. & stdp.; mains, stl., 98.62 m.; 49 hyd.; 581 v.; 2,200 serv.; pres., dom. 40 lbs.; cost, \$768,650; cost mtce., \$4,000; wks. owned by municipality.

CHILLIWACK, p. 2,000; f. area, 600 a. F. dept.—4 hand ex., 2 hand hose reels, 1 hose wag., 1 h. & l. trk.; hose, 3,800 ft.; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$1,500; tot. mem., 27, pd. part time.

Water Supply—Src., Elk Crk., 9 m. bus. cent.; sys., grav.; 1 pump. eng., cap. day 1,540,500 gals.; 35 hyd.; 935 serv.; mains, 77 m., 4 to 10 in. dia.; pres., dom. & f., 75 lbs.; cost, \$185,875; cost mtce., \$3,500; wks. owned by priv. Co.

CORBIN, p. 800; f. area, 10 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 stor.; wd. ris. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 1,850 ft.; f. al., wh.; val. equip., \$1,800.

Water Supply—Src., Corbin Creek, 1½ m. bus. cent.; sys., grav.; mains, wd. & stn., 2½ m., 4 to 10 in. dia.; 18 hyd.; 48 serv.; pipe, iron; pres., dom. 70 to 135 lbs.; f. 70 to 135 lbs.; cost \$9,000; wks. owned by priv. Co.

CRANBROOK, p. 3,090. F. dept.—Not reported.

Water Supply—Src., St. Joseph's Creek, 2½ m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; mains, wd.; 84 hyd.; met., 4; pipe, galv. i.; pres., dom. 90 lbs.; f. 90 lbs.; cost mtce., 11,000; wks. owned by city.

CRESTON, F. dept.—Not reported.

Water Supply—Src., Goat Mountain, 1 m. bus. cent.; sys., grav.; res. cap., 250,000 gals.; mains, wd., 3 m., 3 to 8 in. dia.; 2 hyd.; 80 serv.; pipe, galv. i.; pres., dom. 125 to 150 lbs.; f. 125 to 150 lbs.; cost, \$6,000; cost mtce., \$400; wks. owned by priv. Co.

CUMBERLAND, p. 2,000; f. area, 40 a. F. dept.—6 hand ex., 3 hose reels, nozzles, ladders, axes, etc., 1,000 ft. hose; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 28 vol.

Water Supply—Src., lake, in bus. cent.; sys., dir. pres.; 15 hyd.; pres., dom. 75 lbs.; f. 170 lbs.; cost, \$25,000; wks. owned by priv. Co.

DUNCAN, p. 1,500; f. area, 500 a. F. dept.—1 c. eng., 4 c. hand ex., 1 auto. trk., 1 ladder trk., 3 hose reels, 1,500 ft. hose; tot. mem., 15 vol.

Water Supply—Src., creek; sys., grav.

EDMONDS, p. 5,000. F. dept.—Not reported.

Water Supply—Src., deep well, 1 m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 18,000 gals.; dim., 18 x 14 x 75; mat., wd. & stn.; 1 pump. eng., class dup., cap. day 36,000 gals.; mains, wd. & stn., 3 m., 2 to 6 in. dia.; 60 serv.; pipe, wd. & stn.; pres., dom. 250 lbs.; f. 250 lbs.; cost, \$15,000; wks. owned by municipality.

ENDERBLEY, p. 950; f. area, 640 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose reels, 1 ex. ladder; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,177; tot. mem., 16 vol.

Water Supply—Src., Braash's Creek, ¼ m. bus. cent.; sys., grav.; mains, wd., 5 m., 4 to 8 in. dia.; 17 hyd.; 14 v.; 230 serv.; pipe, wd.; pres., dom. 114 lbs.; f. 150 lbs.; cons. day, 50,000 gals.; cost, \$28,071; cost mtce., \$233; wks. owned by city.

ESQUIMALT, p. 5,919; Government has f. equip. at Navy Yard.

Water Supply—Src., str., 12 m. bus. cent.; sys., grav.; res. cap., 8,500,900,000 gals.; pump. eng., cap. day, 15,000,000 gals.; mains, stl., 12 m., 30 in. dia.; 550 met.; 550 serv.; pres., dom. & f. 90 lbs.; cons. day, 1,000,000 gals.; cost, \$1,200,000; cost mtce., \$15,000; wks. owned by Co.

FERNIE, p. 2,146; f. area, 40 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 comb. c. & h. wag., 4 c. hand ex., 1 hose wag., 7 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; inf., 4,500 ft.; tot. hose, 9,000 ft.; f. al., Gamewell, 14 bx.; val. equip., \$12,000; val. bldgs., \$15,000; exp. dept., \$8,000; tot. mem., 16, pd. full time 8, vol. 8.

Water Supply—Src., Fairy Creek, 8 m. bus. cent.; sys., grav.; res. cap. A 500,000 gals., B 800,000 gals., cap. of supply 1,000 gals. min. from res. A, & in case of emergency 1,000 gals. additional from res. B for 800 min.; mains, wd. & iron, 14 m., 8 to 12 in. dia.; 52 hyd.; 162 v.; met., 3; 700 serv.; pipe, galv. i.; pres., dom. & f. 85 to 115 lbs.; cons. day, 1,000,000 gals.; cost, \$113,000; cost mtce., \$2,500; wks. owned by city.

FORT GEORGE, p. 1,500; f. area, 700 a. F. dept.—1 hand c. eng., 1 hose wag., 100 ft. hose.

Water Supply—Src., riv.; pump cap. day, 240,000 gals.; pres., 70 lbs.

GOLDEN, p. 600; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 hose reel, 1 hose wag., buckets, 900 ft. hose; f. al., bell; val. bldgs., \$1,000; vol.

Water Supply—Src., wells.

GRAND FORKS, p. 2,000; f. area, 1,500 a. F. dept.—1 str., 1 hose wag., 1 h. & l. trk., 4 hose reels, ladders, 5 hrs., 4,800 ft. hose; f. al., bell; val. equip., \$18,000; val. bldgs., \$8,000; exp. dept., \$2,060; tot. mem., 56, pd. part time & vol.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 85,000 gals., dim. 30 x 20, mat. stl.; res. cap., 500,000 gals.; 2 pump. eng., cap. day, 2,000,000 gals.; mains, stl., 10 m., 4 to 12 in. dia.; 60 hyd.; 50 v.; 11 met.; 450 serv.; pipe, galv. i.; pres., dom. 104 lbs.; f. 128 lbs.; cons. day, 400,000 gals.; cost, \$100,000; cost mtce., \$6,750; wks. owned by city.

GREENWOOD, p. 1,000; f. area, 320 a. F. hose; f. al., Gamewell, 9 bx.; tot. mem., 20, 2 pd. men, vol. 18.

Water Supply—Src., res.; sys., grav.

HOSMER, p. 1,600; f. area, 1½ m.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose car., 1 c. hand ex.; hose, cot., rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; tot. mem., 16 vol.

Water Supply—Not reported.

KAMLOOPS, p. 3,772; f. area, 150 a.; merc. bldgs., wd., & bk., 1½ & 2 stor.; priv., wd., 1½ & 2 stor.; wd. ris. perm.; fwks. & combt. ord. F. dept.—1 auto c. eng., 1 auto. hose wag., 4 c. hand ex., 1 h. & l. trk., 2 hrs.; hose, cot., rub. lined, gd., 4,200 ft.; c. gd., 500 ft.; tot. hose, 4,700 ft.; f. al., Gamewell, 25 bx.; val. equip., \$19,500; val. bldgs., \$6,000; exp. dept., \$4,500; tot. mem., 22, pd. full time 3, vol. 19; undrs. rating, fourth class.

Water Supply—Src., riv., 300 yds. bus. cent.; sys., pump to res. & dir.; res. cap., 150,000 gals.; 3 pump. eng., cap. day 1,700,000 gals.; mains, wrt. i., 3 to 8 in. dia.; 40 hyd.; pipe, wrt. i. & c. i.; pres., dom. 100 lbs.; f. 125 lbs.; cost, \$55,000; cost mtce., \$3,500; wks. owned by Co.

KELOWNA, p. 2,000; f. area, 80 a. F. dept.—4 hose reels, 2,800 ft. hose; bell al.; val. equip., \$5,200; val. bldgs., \$2,000; tot. mem., 20 vol.

Water Supply—Src., lake, ¼ m. bus. cent.; sys., dir. pres.; 2 pump. eng., class dup., cap. day 32,000 gals.; mains, c. i., 14½ m., 4 to 10 in. dia.; 44 hyd.; 66 v.; 465 serv.; 275 met.; pres.,

dom. 50 lbs.; f. 120 lbs.; cost, \$57,000; cost mtce., \$2,000; wks. owned by municipality.

KERRISDALE, p. 10,500; f. area, 12,000 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv. bk. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & hose wag., 1 c. eng., 1 chief's car., 6 hand hose reels; hose, cot., rub. lined, gd., 4,500 ft.; cot., 200 ft.; tot. hose, 4,700 ft.; f. al., bell; val. equip., \$25,000; val. bldgs., \$5,000; exp. dept., \$12,000; tot. mem., 10, pd. part time.

Water Supply—Src., mountain str., 1 m. bus. cent.; sys., grav.; pump. eng. cap. day, 2,250,000 gals.; mains, 1,019 m.; 885 hyd.; 1,750 v.; 3,000 serv.; pres., dom. & f. 80 to 150 lbs.; cost, \$1,000,000; cost mtce., \$3,000; wks. owned by municipality.

LADYSMITH, p. 3,000. F. dept.—3 hose carts; hose, rub. lined, gd., 2,500 ft.; f. al., bell; val. equip., \$1,700; val. bldgs., \$1,000; exp. dept., \$500; tot. mem., 13 vol.

Water Supply—Src., Stocking Lake, 1 m. bus. cent.; sys., grav.; mains, 15 m.; 13 hyd.; 500 serv.; pres., dom. 100 lbs.; f. 150 lbs.; cost, \$60,000; wks. owned by priv. Co.

MISSION CITY, p. 1,800; f. area, 640 a. F. dept.—1 c. eng. **Water Supply**—Src., creek; sys., grav.; pres., 60 lbs.

MOYIE, F. dept.—Not reported. **Water Supply**—Src., Campbell Creek, $\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 100,000 gals.; mains, c. l., 2 m., 2 to 6 in. dia.; 10 hyd.; pipe, iron; pres., dom. 90 lbs.; f. 90 lbs.; cost, \$19,000; cost mtce., \$1,000; wks. owned by priv. Co.

NANAIMO, p. 8,168; f. area, 5,000 a.; merc. bldgs., bk. & wd., 3 stor.; priv. wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 h. eng., 1 aer. trk., 1 c. hand ex., 1 h. & l. trk., 1 hose wag., 5 hose car., 2 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; rub. gd., 500 ft.; tot. hose, 4,500 ft.; f. al., tarp.; val. equip., \$9,000; val. bldgs., \$7,000; exp. dept., \$8,500; tot. mem. 25, pd. full time 2, pd. part time 23.

Water Supply—Src., mountain str., 16 m. bus. cent.; sys., grav.; res. cap., 112,000,000 gals.; mains, c. l. & wd., 34 m., 3 to 18 in. dia.; 72 hyd.; 850 v.; met., 70; 1,700 serv.; pipe, galv. l.; pres., dom. 60 to 80 lbs.; f. 150 lbs.; cons. day, 650,000 gals.; cost, \$145,000; cost mtce., \$4,000; wks. owned by city.

NELSON, p. 4,476; f. area, 1-3 m.; merc. bldgs., bk. & wd., 2 to 5 stor.; priv. wd., 1 to 3 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & hose wag., 2 comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 3 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; c., 500 ft.; inf., 1,500 ft.; tot. hose, 6,500 ft.; f. al., Gamewell, 14 bx.; val. equip., \$17,000; val. bldgs., \$19,661; exp. dept., \$9,097; tot. mem. 5, pd. full time; undrs. rating, third class.

Water Supply—Src., Cottonwood & Anderson Creeks, 2 m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, wrt. l., 17 $\frac{1}{2}$ m., 1 $\frac{1}{2}$ to 14 in. dia.; 53 v.; 61 hyd.; 1,279 serv.; pipe, galv. l.; pres., dom. & f. 120 lbs.; cons. day, 1,000,000 gals.; cost, \$97,500; cost mtce., \$2,500; wks. owned by city.

NEW MICHEL, p. 800; merc. bldgs., wd., 1 & 2 stor.; priv. wd., 1 & 2 stor.; wd. ris. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 400 ft.; f. al., triangle; val. equip., \$500; tot. mem., 35 vol.

Water Supply—Src., Aqueduct Creek, 1 $\frac{1}{2}$ m. bus. cent.; sys., grav.; res. cap., 85,000 gals.; mains, 2 m., 8 to 10 in. dia.; mat., wd.; 6 hyd.; 4 v.; 30 serv.; pipe, wd.; pres., dom. 96 lbs.; wks. owned by city.

NEW WESTMINSTER, p. 13,199; f. area, 3,000 a.; merc. bldgs., bk., 2 to 6 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 c. eng., 9 c. hand ex., 1 h. & l. trk., 1 aer. trk., 4 hose wag., 2 hose reels, 8 hrs.; hose, cot., rub. lined, gd., 9,000 ft.; rub. gd., 1,000 ft.; tot. hose, 10,000 ft.; f. al., Gamewell, 28 bx.; val. equip., \$40,000; val. bldgs., \$23,500; exp. dept., \$31,000; tot. mem. 27, pd. full time.

Water Supply—Src., lake, 14 m. bus. cent.; sys., grav.; res. cap., 4,400,000 gals., loc. 1 $\frac{1}{2}$ m. town; mains, stl. & c. l., 52 m., 3 to 22 in. dia.; 120 hyd.; 197 v.; met., 150; 1,978 serv.; pipe, lead & galv. l.; pres., dom. 50 to 150 lbs.; f. 50 to 150 lbs.; cons. day, 1,170,000 gals.; cost, \$472,684; cost mtce., \$5,000; wks. owned by city.

NORTH VANCOUVER, p. 10,000; f. area, 1,600 a. F. dept.—1 comb. auto. trk., 1 h. & l. trk., 3 hose wag.; tot. mem., 18, 12 pd. men, 6 vol. **Water Supply**—Src., creek; sys., grav.; pres., 100 lbs.

OKANAGAN, p. 3,000; f. area, 500 a.; merc. bldgs., bk. & conc., 2 stor.; priv. wd., 1 & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & hose wag., 1 comb. c. & hose wag., 1 h. & l. trk., 1 hose wag., 3 hose reels, 2 hrs., 3,300 ft. hose; f. al., elec., 17 bx.; val. equip., \$15,000; val. bldgs., \$1,200; exp. dept., \$3,400; tot. mem. 30, pd. full time 1, pd. part time 1, vol. 28.

Water Supply—Src., mountain str.; sys., grav.; pump. eng., cap. day 1,000,000 gals.; 62 hyd.; 365 serv.; pres., f. 130 to 140 lbs.; cost, \$225,000; cost mtce., \$4,836; wks. owned by city.

PEACHLAND, p. 400; f. area, 5,000 a. F. dept.—1 hose reel, 500 ft. hose. **Water Supply**—Src., creek; sys., grav.; pres., 95 lbs.

PRINCE RUPERT, p. 4,184 F. dept.—2 auto. comb. c. & h. wag. with 1,600 ft. 2 $\frac{1}{2}$ in. hose, 1 45-gal. c. tk. with 150 ft. hose, 1 55-gal. hand c. tk. with 100 ft. hose, 1 hose wag. with 800 ft. hose, 2 hand hose reels with 500 ft. hose each; tot. hose, 4,500 ft.; f. al., Gamewell, 29 bx.; val. equip., \$30,000; exp. dept., \$12,000; tot. mem. 7, pd. full time.

Water Supply—Src., Lake Woodworth, 7 $\frac{1}{2}$ m. bus. cent.; sys., grav., pump to res. & dir.; res. cap., 500,000 gals., loc. on mountain, 500 ft. above sea-level; res. loc. in Morse Creek, cap. 8,000,000 gals.; conc. res. at a height of 300 ft. above sea-level, cap. 1,250,000 gals.; 2 pump. eng., cap. day 2,250,000 gals.; mains, wd., stl. & c. l., 25 m., 2 to 18 in. dia.; 84 hyd.; 50 v.; 850 serv.; pipe, galv. l.; pres., dom. & f. 80 to 135 lbs.; cost, \$400,000; cost mtce., \$10,000; wks. owned by city.

REVELSTROKE, p. 3,017; f. area, 556 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. ris. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 4 c. hand ex., 2 h. & l. trk., 2 sleighs, 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,100 ft.; inf., 500 ft.; tot. hose, 3,600 ft.; f. al., Gamewell, 19 bx.; val. equip., \$8,000; val. bldgs., \$6,000; exp. dept., \$4,000; tot. mem., 50 vol.

Water Supply—Src., mountain str., 5 & 1 $\frac{1}{2}$ m. bus. cent.; sys., grav., 4 res., cap. 150,000 gals.; mains, wd., 15 m., 4 to 12 in. dia.; 50 hyd.; 20 v.; 750 serv.; pipe, galv. l.; pres., dom. & f. 108 lbs.; cons. day, 800,000 gals.; cost, \$57,700; cost mtce., \$2,100; wks. owned by city.

ROSSLAND, p. 4,000; f. area, 3,200 a.; merc. bldgs., wd., 1 to 3 stor.; priv. wd., 1 $\frac{1}{2}$ stor.; wd. ris. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 6 c. hand ex., 1 hose wag.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., Gamewell, 23 bx.; val. equip. & bldgs., \$20,185; exp. dept., \$7,200; tot. mem. 14, pd. full time 4, vol. 10.

Water Supply—Src., mountain creeks, 6 m. bus. cent.; sys., grav.; res. cap., 3,000,000 gals.; mains, 8 m., 4 to 10 in. dia.; 26 hyd.; met., 20; 600 serv.; pipe, iron & lead; pres., dom. 80 to 200 lbs.; f. 80 to 200 lbs.; cons. day, 200,000 gals.; cost, \$125,000; cost mtce., \$3,000; wks. owned by municipality.

STEVESTON, p. 300; f. area, 200 a. F. dept.—pump; tot. mem., 10 vol.

Water Supply—Src., lake.

TRAIL, p. 1,460. F. dept.—Not reported.

Water Supply—Src., crk., 1 m. bus. cent.; sys., pump to stdp.; 2 res.; res. No. 1, cap. 100,000 gals.; res. No. 2, cap. 150,000 gals.; mains, wd. & iron, 11 m., 1 to 6 in. dia.; 20 hyd.; 20 v.; 349 serv.; pipe, iron; pres., dom. 95 lbs.; f. 120 lbs.; cost mtce., \$740; wks. owned by city.

VANCOUVER, p. 123,902; f. area, 8,320 a.; merc. bldgs., conc., stn., bk. & wd., 2 to 14 stor.

priv., stn., bk. & wd., 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—0 str., 1 city serv. trk., 7 c. eng., 48 hand ex., 3 aer. ladder trk., 14 hose wag., 2 comb. h. & c. eng., 2 chiefs' auto., 4 turret pipes, 32 hrs.; hose, cot., rub. lined, gd., 37,000 ft.; f. al., Gamewell, 258 bx.; val. equip., \$202,585; val. bldgs., \$176,000; exp. dept., \$298,720; tot. mem. 157, pd. full time.

Water Supply—Src., riv. & creeks, 9 m. bus. cent.; sys., grav.; res. cap., 40,000,000 gals.; mains, c. i. & stl., 259 m., 4 to 36 in. dia.; 1,442 hyd.; 1,688 met.; 24,861 serv.; pipe, lead & galv. i.; pres., dom. 30 lbs., f. 120 lbs.; cons. day, 18,000,000 gals.; cost, \$8,000,000; cost mtce., \$70,000; wks. owned by city.

VANCOUVER, NORTH. F. dept.—Not reported.

Water Supply—Src., Lynn Creek, 7 m. bus. cent.; sys., grav.; res. cap. 800,000,000 gals.; mains, c. i., wd. & stn., 51.02 m., 4 to 16 in. dia.; 237 hyd.; 680 v.; 2,875 serv.; pipe, galv. i.; pres., dom. 150 lbs., f. 250 lbs.; cons. day, 15,000,000 gals.; cost, \$350,000; cost mtce., \$5,000; wks. owned by city.

VANCOUVER, SOUTH. F. dept.—Not reported.

Water Supply—Src., creek & wells, in bus. cent.; sys., grav. & pump to stdp.; stdp. cap., No. 1 100,000 gals., No. 2 75,000 gals.; dim., 23 x 34; mat., Douglas fir.; res. cap., 175,000 gals.; pump. eng., cap. day 180,000 gals.; mains, wd. & stl., 160 m., 1 to 12 in. dia.; 425 hyd.; 1,200 v.; met., 140; 5,050 serv.; pipe, galv. i.; pres., dom. 30 to 160 lbs.; cons. day, 1,500,000 gals.; cost, \$525,000; cost mtce., \$8,500; wks. owned by municipality.

VERNON, p. 2,671; f. area, 1,440 a.; merc. bldgs., bk. & conc., 2 to 4 stor.; priv., wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 6 c. hand ex., 1 h. & l. trk., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,800 ft.; fair, 600 ft.; inf., 850 ft.; tot. hose, 3,750 ft.; f. al.,

Gamewell, 17 bx.; val. equip., \$16,000; val. bldgs., \$13,500; exp. dept., \$2,140; tot. mem., 28 vol., pd. \$1 per call & 50 cents per hour until f. is extinguished.

Water Supply—Src., crk., 5 m. bus. cent.; sys., grav.; 2 res., cap. 21,000,000 gals., loc. 1 m. city; 1 pump. eng., class dup., cap. day 240,000 gals.; mains, c. i., stl. & wd., 28 m., 4 to 14 in. dia.; 87 hyd.; 570 v.; 800 serv.; pipe, galv. i.; pres., dom. & f., 140 lbs.; cons. day, 297,500 gals.; cost, \$220,495; cost mtce., \$5,100; wks. owned by city.

VICTORIA, p. 31,660; f. area, 7 sq. m.; merc. bldgs., stn. & bk., 1 to 7 stor.; priv., stn., bk. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. hose wag., 2 auto. comb. c. & h. wag., 1 auto. c. eng., 1 auto. str., 1 auto. city serv. trk., 1 hose wag., 3 str., 4 comb. c. & h. wag., 1 comb. aer. trk. & water tower, 1 chiefs' auto., 1 asst. chiefs' auto.; hose, cot., rub. lined, gd., 14,500 ft.; fair, 3,000 ft.; c. hose, gd., 1,000 ft.; fair, 600 ft.; tot. hose, 19,100 ft.; f. al., Gamewell, 88 bx.; val. equip., including salt water high pres. sys., \$177,700; val. bldgs., \$110,000; exp. dept., \$157,650; tot. mem. 72, pd. full time.

Water Supply—Src., lakes, 7 m. bus. cent.; sys., grav. & pump dir., res. No. 1, cap., 5,000,000 gals., loc. at Beaver Lake; res. No. 2, cap., 16,000,000 gals., loc. at Smith Hill, 1½ m. bus. cent.; 3 pump. eng., cap. day, 5,600,000 gals.; mains, stl. & c. i., 153 m., 4 to 27 in. dia.; 667 hyd.; 1,986 v.; met., 8,000; 8,000 serv.; pipe, lead, galv. i. & c. i.; pres., 70 lbs.; cons. day, 4,600,000 gals. wks. owned by city.

Places with a population of 1,000 or more having no organized fire dept.—Comox, Lillooet.

Places having a population of 1,000 & upward not reported—Armstrong, Atlin, Cariboo, Columbia, Cowichan, Delta, Dewdney, Kaslo, Newcastle, Richmond, Saanich, Skeena, Slocon, Smilkameech, The Island, Willington, Ymir.

MANITOBA

BEAUSEJOUR, p. 750; f. area, 200 a.; merc. bldgs., frame, 2 stor.; priv., frame, 2 stor. F. dept.—1 c. eng.; hose, gd., 100 ft.; val. equip., \$600; tot. mem., 33 vol.

Water Supply—Src., wells.

BOISSEvain, p. 700; f. area, 640 a.; merc. bldgs., frame, 2 stor.; priv., frame, 2 stor. F. dept.—2 c. eng., 1 hose reel; hose, gd., 250 ft.; f. al., telp.; val. equip., \$1,000.

Water Supply—Src., wells, near bus. cent.

BRANDON, p. 13,837; f. area, 5,760 a.; merc. bldgs., bk., 1 to 7 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. trk., 1 str., 1 c. eng., 10 c. hand ex., 1 h. & l. trk., 1 aer. trk., 2 hose wag. & turret pipes, 1 hose car., 2 hose sleighs, 1 chiefs' buggy, 12 hrs.; hose, cot., rub. lined, 7,300 ft.; f. al., 4 circuit switch board, 4 circuit automatic repeater, 36 bx.; val. equip., \$40,000; val. bldgs., \$45,000; exp. dept., \$22,508; tot. mem. 19, pd. full time.

Water Supply—Src., Assiniboine riv., 1 m. bus. cent.; sys., pump dir. & grav.; 4 pump. eng., class dup. comp., cap. day 4,300,000 gals.; mains, c. i., 32.75 m., 4 to 16 in. dia.; 138 hyd.; 180 v.; 1,260 met.; 1,800 serv.; pipe, lead; pres., dom. 85 lbs., f. 140 lbs.; cons. day, 1,402,869 gals.; cost, \$416,402; cost mtce., \$42,084; wks. owned by city.

CARBERRY, p. 1,200; f. area, 300 a.; merc. bldgs., bk., 2 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 4 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, gd., 1,300 ft.; f. al., bell & wh.; val. equip., \$1,600; val. bldgs., \$6,000; tot. mem. 21, pd. part time 2, vol. 19.

Water Supply—Src., wells, 500 ft. bus. cent.; sys., dir. pump; res. cap., 35,000 gals.; 2 pump. eng., cap. min. 750 gals.; mains, 1½ m., 4 to 8 in. dia.; 21 hyd.; pres., f. 120 lbs.; wks. owned by city.

CARMAN, p. 1,271; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., wh.; val. equip., \$1,600; exp. dept., \$500; tot. mem., 16 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., grav. & dir.; stdp. cap., 60,000 gals.; mat., stl.; res. cap., 60,000 gals.; 1 pump. eng., cap. day 1,723,000 gals.; mains, wd., 3 m., 4 to 10 in. dia.; 23 hyd.; 21 v.; 50 serv.; pipe, iron; pres., dom. 45 lbs., f. 90 lbs.; cost, \$74,000; wks. owned by town.

CRANDALL, p. 275. F. dept.—1 c. eng., 100 ft. hose.

No waterwks.

CRYSTAL CITY, p. 800; f. area, 160 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 comb. c. & h. wag., 1 c. eng.; hose, rub., gd., 100 ft.; f. al., bell & gongs, 3 bx.; val. equip., \$1,000; val. bldgs., \$1,000; exp. dept., \$250; tot. mem., 18 vol.

Water Supply—Src., wells.

DAUPHIN, p. 2,815; f. area, 640 a.; merc. bldgs., bk., 1 to 8 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. hand ex., 2 gasoline eng., 2 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub. gd., 750 ft.; inf., 100 ft.; tot. hose, 2,850 ft.; f. al., gong & wh.; val. equip., \$6,000; tot. mem. 20, pd. part time.

Water Supply—Src., lake & mountains, 9 m. bus. cent.; sys., grav.; res. at power house, cap. 90,000 gals.; dim., 40 x 25; mat., conc.; res. cap., 30,000,000 gals.; 1 pump. eng., class dup., cap. day 1,108,800 gals.; mains, wd. & stn., 2 m.; 107 hyd.; 49 v.; pipe, wd. conduit & c. i.; pres., dom. 95 lbs., f. 125 lbs.; cost, \$200,000; wks. owned by city.

DOMINION CITY, p. 300; f. area, 520 a. F. dept.—1 hand pump, 250 ft. hose.

Water Supply—Src., riv.

ELKHORN, p. 730; f. area, 640 a. F. dept.—1 hand eng., 500 ft. hose; tot. mem., 16 vol.

Water Supply—Src., wells.

EMERSON, p. 1,048; f. area, 2 sq. m.; bldgs., bk. & wd., 2 & 3 stor.; wd. & metal rfs. limited; fwks. ord. F. dept.—1 atm. eng., 2 c. eng., 2 hose car.; hose, rub. gd., 1,500 ft.; cot., inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$1,000; exp. dept., \$700; tot. mem., 17 vol.

Water Supply—Src., riv. & tk.; sys., pump to res.; res. cap., 5,000 bbls.; pump. eng.; pres., f. 100 lbs.; cost, \$10,000; cost mtee., \$700; wks. owned by town.

GILBERT PLAINS, p. 500; f. area, 200 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 c. eng., ladders, pails, 100 ft. rub. hose; f. al., bell; val. equip., \$800; val. bldgs., \$1,200; vol.

Water Supply—Src., wells.

GRAND VIEW, p. 500; f. area, 200 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 c. eng., 1 hose reel; hose, gd., 800 ft.; tot. mem., 20 vol.

Water Supply—Src., riv., near bus. cent.; sys., dir. pump; 2 pump. eng., cap. day 13,000 gals.; pres., f. 80 lbs.; wks. owned by town.

GRETNA, p. 600; f. area, 640 a. F. dept.—1 hand eng., 150 ft. hose.

Water Supply—Src., wells.

HAMILTON, p. 750; f. area, 200 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 2-cyl. c. eng., ladders, pails; hose, gd., 100 ft.; tot. mem., 10 vol.

Water Supply—Src., wells.

HARTNEY, p. 628; f. area, 640 a. F. dept.—1 gas. eng., hose carts, 1,200 ft. hose; tot. mem., 7, pd. 1, vol. 6.

Water Supply—Src., wells.

KILLARNEY, p. 1,200; f. area, 350 a.; merc. bldgs., bk. & frame, 2 stor.; priv., bk. & frame, 2 stor. F. dept.—1 2-cyl. c. eng.; hose, gd., 200 ft.; tot. mem., 10.

Water Supply—Src., wells.

MACGREGOR, p. 500; f. area, 150 a. F. dept.—1 hand eng., 1 h. & l. trk., 200 ft. hose.

Water Supply—Src., wells.

MANITOU, p. 639; f. area, 45 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 gasoline eng., 10 c. hand ex., 2 h. & l. trk., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., telp. & bell; val. equip., \$4,500; val. bldgs., \$1,000; exp. dept., \$600; tot. mem. 18, pd. part time.

Water Supply—Src., wells, in bus. cent.; sys., pump to stdp.; 3 stdp., cap. 191,000 gals.

MINIOTA, p. 250. F. dept.—1 c. eng., 100 ft. hose; tot. mem., 12 vol.

Water Supply—Src., wells.

MINNIDOSA, p. 1,500; f. area, 350 a.; merc. bldgs., frame, 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 gasoline eng., 1 c. eng., 1 h. & l. trk., 1 hose reel; hose, gd., 1,300 ft.; f. al., bell; val. equip., \$3,000.

Water Supply—Src., riv., near bus. cent.

MORDEN, p. 1,400; f. area, 320 a.; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., stn., bk. & wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 650 ft.; rub., gd., 350 ft.; rub., inf., 150 ft.; tot. hose, 1,150 ft.; f. al., bell; val. equip., \$5,300; val. bldgs., \$3,200; exp. dept., \$50; tot. mem. 48, pd. part time 1, vol. 47.

Water Supply—Src., well, cisterna, creek & dam.

MORRIS, p. 600; f. area, 2 m.; merc. bldgs., frame, 2 stor.; priv., frame, 1 & 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 1 h. & l. trk.; hose, gd., 300 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$600; tot. mem., 10 vol.

Water Supply—Src., tk., in bus. cent.

NAPINKA, p. 400; f. area, 40 a. F. dept.—2 c. eng.
No waterwks.

NEEPAWA, p. 2,000; f. area, 400 a.; merc. bldgs., bk. & frame, 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 gas. eng., 1 hand eng., 1 hose reel; hose, gd., 150 ft.; inf., 200 ft.; tot. hose, 350 ft.; tot. mem., 7 vol.

Water Supply—Src., wells, in bus. cent.

OAK LAKE, p. 500; f. area, 640 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 c. eng., 1 h. & l. trk., 20 c. hand ex., f. buckets; val. equip., \$400; val. bldgs., \$600; tot. mem., 10 vol.

Water Supply—Src., wells & riv., 1½ m. bus. cent.; sys., pump dir.; 2 pump. eng.; mains, 1½ m., 6 in. dia.

PLUM COUTEE, p. 500; f. area, 160 a.; merc. bldgs., frame, 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 h. & l. trk., 24 buckets; hose, gd., 100 ft.; val. equip., \$500.

Water Supply—Src., creek, 40 yds. bus. cent.

PORTAGE LA PRAIRIE, p. 5,892; merc. bldgs., stn. & bk., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 2 c. hand ex., 2 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 250 ft.; inf., 400 ft.; tot. hose, 3,400 ft.; f. al., bell; val. equip., \$9,500; val. bldgs., \$10,000; exp. dept., \$4,000; tot. mem. 19, pd. full time 2, vol. 16.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump dir.; res. cap., 775,000 gals.; 3 pump. eng., cap. day 3,500,000 gals.; mains, c. i., 14 m., 4 to 12 in. dia.; 140 hyd.; 465 met.; 465 serv.; pres., dom. 40 lbs.; f. 100 lbs.; consa. day, 195,000 gals.; cost, \$445,000; cost mtee., \$43,499 (including interest & sinking fund); wks. owned by city.

RAPID CITY, p. 700; f. area, 200 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 h. & l. trk., 1 hose reel; hose, gd., 1,000 ft.; val. equip., \$1,500; val. bldgs., \$1,000; tot. mem., 3 vol.

Water Supply—Src., wells, near bus. cent.

RESTON, p. 500; f. area, 200 a.; merc. bldgs., frame, 1 to 3 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 c. eng.; f. al., bell; val. equip., \$1,100; val. bldgs., \$1,500; tot. mem., 10 vol.

Water Supply—Src., wells, 60 yds. bus. cent.

RIVERS, p. 1,200; f. area, 1,600 a. F. dept.—1 c. eng., 12 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 2 hrs., 1,700 ft. hose; f. al., bell; val. equip., \$6,000; val. bldgs., \$4,000; tot. mem., 25 vol.

Water Supply—Src., cisterna, in bus. cent.; sys., dir. pres.; 1 pump. eng., cap. day 432,000 gals.; wks. owned by town.

RUSSELL, p. 500; f. area, 150 a.; merc. bldgs., bk., 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 comb. c. & hose wag.; hose, gd., 100 ft., pails, buckets; val. equip., \$500; vol.

Water Supply—Src., wells.

ST. BONIFACE, p. 7,717; f. area, 2,000 a.; merc. bldgs., bk. & wd., 1 to 5 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 chief's auto., 2 str., 2 c. eng., 6 c. hand ex., 1 h. & l. trk., 2 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 12,000 ft.; val. bldgs., \$60,000; exp. dept., \$22,000; tot. mem. 20, pd. full time.

Water Supply—Src., 4 deep wells, 1 m. bus. cent.; sys., air-lift & grav.; 3 compressors, cap. 1,500,000 gals.; res. cap., 1,000,000 gals.; 3 pump. eng., cap. 3,000,000 gals. day; mains, c. i., 80 m., 4 to 12 in. dia.; 137 hyd.; met., 1,300; 1,300 serv.; pipe, lead; pres., dom. 65 lbs.; f. 100 lbs.; consa. day, 200,000 gals.; cost, \$336,407; wks. owned by city.

SELKIRK, p. 3,050; f. area, 5,653 a. F. dept.—1 gas. eng., 1 c. eng., 1 hose wag., 2 hose reels, ladders, 4 hrs., 1,800 ft. hose; tot. mem., 20 vol.

Water Supply—Src., wells; pump cap. day, 150,000 gals.; pres., 47 lbs.

SHOAL LAKE, p. 650; f. area, 640 a. F. dept.—1 c. eng.; tot. mem., 12 vol.

Water Supply—Src., lake.

SOURIS, p. 1,854; f. area, 400 a.; merc. bldgs., bk., cem. & wd., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 gasoline eng., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 50 ft.; tot. hose, 4,050 ft.; f. al., telp. & bell; val. bldgs., \$13,000; tot. mem. 30, pd. full time 1, pd. part time 3, vol. 28.

Water Supply—Src., 2 wells, 1 block bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals.; dim. 40 x 9½, mat. stl.; res. cap., 95,000 gals.; 2 pump. eng., cap. day, 1,440,000 gals.; mains, c. i., 8 m., 4 to 8 in. dia.; 70 hyd.; 55 v.; 164 met.; 164 serv.; pipe, galv. l.; pres., dom. 35 lbs.; f. 140 lbs.; cons. day, 30,000 gals.; cost, \$95,000; cost mtce., \$3,500; wks. owned by city.

STONEWALL, p. 1,100; f. area, 350 a.; merc. bldgs., frame, 2 stor.; priv., frame, 1 & 2 stor. F. dept.—2 c. eng., ladders, pails; hose, gd., 100 ft.; vol.

Water Supply—Src., wells.

VIROEN, p. 1,550; f. area, 640 a.; merc. bldgs., stn. & bk., 2 to 3 stor.; priv., bk., stn. & wd., 3 stor.; wd. rfa. not perm. in f. area; causes of f. inv. F. dept.—1 gas. eng., 1 c. eng., 4 c. hand ex., 1 h. & 1 trk., 1 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$40,000; exp. dept., \$1,000; tot. mem., 28 vol.

Water Supply—Src., well & tk.; sys., pump dir.

WASKADA, p. 290; f. area, 50 a. F. dept.—1 c. eng., 1 comb. c. & hose wag., ladder, 180 ft. hose; f. al., bell; val. equip., \$1,100; val. bldgs., \$400; exp. dept., \$100; tot. mem., 10 vol.

Water Supply—Src., wells.

WINKLER, p. 380; f. area, 100 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfa. perm. in f. area. F. dept.—1 hand eng., 1 hose reel; hose, gd., 300 ft.; inf., 300 ft.; tot. hose, 600 ft.; f. al., bell; tot. mem., 15 vol.

Water Supply—Src., 4 wells, in bus. cent.; Little Giant pump.

WINNIPEG, p. 135,440; f. area, 3,000 a.; merc. bldgs., stn. & bk., 2 to 11 stor.; priv., stn. bk. & wd., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—7 str., 6 c. eng., 2 aer. trk., 6 c. hand ex., 2 h. & 1 trk., 8 hose wag., 3 hose reels, 67 hrs.; hose, cot., rub. lined & rub., gd., 23,807 ft.; f. al., Gamewell, 116 bx.; val. equip., \$91,500; val. bldgs., \$188,621; exp. dept., \$138,178; tot. mem. 98, pd. full time.

Water Supply—Src., wells, 2 to 8 m. bus. cent.; sys., pump dir.; res. cap., 6,800,000 gals., loc. at pump. station No. 1; new res. installed, cap. 10,000,000 gals.; mains, c. i., 288½ m., 4 to 20 in. dia.; 1,927 hyd.; 24,474 met.; 29,405 serv.; pipe, lead & c. i.; pres., dom. 40 lbs.; f. 80 lbs.; cons. day, 8,000,000 gals.; cost, \$4,663,368; cost mtce., \$264,940; wks. owned by city.

Places with a population of 1,000 or more not reported—Kildonan, St. Andrews, St. Charles, St. James, St. Jean Baptiste, St. Norbert, St. Vital.

NEW BRUNSWICK

CAMPBELLTON, p. 3,817; f. area, 1,000 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 3 hose car., 3 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 200 ft.; tot. hose, 1,700 ft.; f. al., bells & wh.; val. equip., \$5,500; val. bldgs., \$1,200; exp. dept., \$2,800; tot. mem., 25, pd. full time 1, pd. part time 2, vol. 22.

Water Supply—Src., lakes, 2 m. bus. cent.; sys., grav.; res. cap., 65,000,000 gals.; mains, c. i., 14.5 m., 4 to 16 in. dia.; 65 hyd.; 600 serv.; pipe, lead; pres., dom. & f. 80 lbs.; cost mtce., \$6,500; wks. owned by city.

CHATHAM, p. 4,666; f. area, 1½ sq. m.; merc. bldgs., stn., bk. & wd., 1½ to 3 stor.; priv., wd., 1½ stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 3 f. tug-boats, 2 c. hand ex., 1 h. & 1 trk., 2 hose carts, 3 hose reels & carts, 2 hrs.; hose, cot., rub. lined, 4,800 ft.; f. al., bell & wh., 10 bx.; val. equip., \$10,000; val. bldgs., \$17,000; exp. dept., \$3,000; tot. mem. 20, pd. full time.

Water Supply—Src., brooks & wells, 3 m. bus. cent.; sys., pump to stdp.; stdp. cap., 450,000 gals.; dim., 40 x 48.5; mat. stl.; 2 pump. eng., cap. day 1,250,000 gals.; mains, c. i., 9.5 m., 6 to 12 in. dia.; 67 hyd.; 112 v.; met., 31; 450 serv.; pipe, cem. lined wrt. i.; pres., dom. 65 to 70 lbs.; f. 80 to 100 lbs.; cons. day, 307,000 gals.; cost, 116,000; wks. owned by city.

CHIPMAN, p. 1,500; f. area, 6,000 a.; merc. bldgs., bk. & wd., 2½ stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—F. al., wh.

Water Supply—Src., riv., 20 rods bus. cent.; sys., pump dir.; res. loc. at Main street; 2 serv.

FREDERICTON, p. 7,208; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 6 sleighs, 1 h. & 1 trk., 1 hose wag., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; rub. gd., 400 ft.; tot. hose, 4,400 ft.; f. al., Gamewell, 30 bx.; val. equip., \$19,000; val. bldgs., \$6,000; exp. dept., \$6,000; tot. mem., 36 vol.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to mains; 3 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 12 m., 3.664 ft., 2 to 12 in. dia.; 105 hyd.; 166 v.; met., 172; 1,400 serv.; pipe, lead & enameled i.; pres., dom. 40 lbs.,

f. 70 lbs.; cons. day, 675,000 gals.; cost, \$220,000; cost mtce., \$16,000; wks. owned by city.

GRAND FALLS, p. 2,000; f. area, 1,800 a.; merc. bldgs., wd., 2½ stor.; priv., wd., 2½ stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 h. & 1 trk., 1 hand eng., 20 c. hand ex., 1 hose wag.; hose, rub. gd., 2,000 ft.; inf., 200 ft.; tot. hose, 2,206 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$200; exp. dept., \$200; tot. mem., 20 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., dir. & grav.; res. cap., 250,000 gals., loc. on hill in rear of town; mains, iron, 4½ m., 4 to 10 in. dia.; 26 hyd.; met., 1; 150 serv.; pres., f. 80 to 120 lbs.; cost, \$5,500; wks. owned by municipality.

HARTLAND, p. 1,000; f. area, 8 a.; merc. bldgs., bk. & wd., 1½ to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—2 h. & 1 trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$800; exp. dept., \$100; tot. mem. 17, pd. part time.

Water Supply—Src., spr., ¼ m. bus. cent.; sys., grav.; res. cap., 127,000 gals.; 1 pump. eng., cap. 376,000 gals.; day; mains, c. i., 1 m., 6 in. dia.; 12 hyd.; 75 serv.; pipe, lead; pres., dom. 45 lbs.; f. 50 lbs.; cost, \$13,000; cost mtce., \$8,000; wks. owned by city.

MONCTON, p. 11,329; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1½ to 3 stor.; priv., bk. & wd., 1½ to 2½ stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 1 auto. salvage wag., 2 str., 2 c. eng., 6 c. hand ex., 1 h. & 1 trk., 3 hose wag., hose sleds, 13 hrs.; hose, cot., rub. lined, gd., 4,800 ft.; f. al., elec., 31 bx.; val. equip., \$42,000; val. bldgs., \$44,000; exp. dept., \$16,000; tot. mem., 44 vol.

Water Supply—Src., creek, 4 m. bus. cent.; sys., grav. & pump dir.; res. cap., 200,000,000 gals.; pump. eng., cap. day 1,500,000 gals.; mains, c. i., 25 m., 2 to 14 in. dia.; 98 hyd.; 286 v.; 7 met.; 2,209 serv.; pipe, lead & iron; pres., dom. 25 to 30 lbs., f. 60 lbs.; cost, \$410,400; cost mtce., \$21,000; wks. owned by city; new water-wks. sys. under course of construction.

NEW CASTLE, p. 2,946; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfa. perm.; no fwks. ord. F. dept.—1 str., 1 hand eng., 2 c. ex., 4 hose car., 2 hrs.; hose, rub.,

2,350 ft.; f. al., bell & wh.; val. bldgs., \$8,000; exp. dept., \$1,500; tot. mem. 11, pd. full time.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 150,000 gals., loc. $\frac{1}{4}$ m. cent. of town; 2 pump. eng., class dup., cap. 1,000 gals. min.; mains, c. l., 3 m., 4 to 10 in. dia.; 50 hyd.; met., 7; 300 serv.; pipe, lead; pres., dom. 100 lbs.; f. 180 lbs.; cost, \$60,000; wks. owned by city.

PERTH, p. 500; f. area, 200 a. F. dept.—hose cart, ladders, 600 ft. hose; tot. mem., 16 vol.

Water Supply—Src., res.; sys., grav.; pres., 60 lbs.

RICHIBUCTO, p. 871; f. area, 1,000 a.; merc. bldgs., wd., 1 stor.; priv., wd., $1\frac{1}{4}$ stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose car.; hose, cot., gd., 650 ft.; leather, gd., 250 ft.; tot. hose, 900 ft.; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$30; tot. mem., 12 vol.

Water Supply—Src., riv. & 3 wells.

SACKVILLE, p. 2,039; merc. bldgs., bk., stn. & wd., 2 to 3 stor.; priv., wd.; wd. rfs. perm.; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. wag., 3 hose wag., 3 reels, 1 hrs.; hose, cot., rub. lined, 1,500 ft.; rub., 1,500 ft.; tot. hose, 3,000 ft.; f. al., Gamewell, 13 bx.; val. equip., \$7,000; val. bldgs., \$600; exp. dept., \$900; tot. mem., 41, pd. full time 1, vol. 40.

Water Supply—Src., spr., $3\frac{1}{2}$ m. bus. cent.; sys., grav.; stdp. cap., 14,000 gals.; res. cap., 12,000,000 gals., loc. in the woods; mains, c. l., 8 m., 4 to 14 in. dia.; 85 hyd.; 20 v.; 300 serv.; pipe, galv. i.; pres., dom. 65 to 85 lbs.; cost, \$90,000; cost mtce., \$750; wks. owned by town.

ST. ANDREWS, p. 987; f. area, 200 a.; merc. bldgs., wd., $1\frac{1}{2}$ to $2\frac{1}{2}$ stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. eng., 2 hose car.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., bell; val. bldgs., \$2,000; exp. dept., \$300; tot. mem., 80 vol.

Water Supply—Src., wells & cisterns.

ST. JOHN, p. 42,863; f. area, 6,400 a.; merc. bldgs., stn. & bk., 3 to 6 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—7 str., 1 c. eng., 1 comb. c. & hose wag., 1 hand eng., 2 c. hand ex., 3 h. & l. trk., 1 aer. trk., 7 hose reels, 2 hand reels, 40 hrs.; hose, cot., rub. lined, gd., 13,000 ft.; f. al., Gamewell, 85 bx.; val. equip., \$97,000; val. bldgs., \$50,000; exp. dept., \$40,000; tot. mem. 147, pd. full time 40, vol. 107.

Water Supply—Src., Loch Lomond & Spruce Lake, 10 & 6 m. bus. cent.; sys., grav.; res. cap., 3,400,000,000 gals.; mains, conc., wd., stn., c. l., cem. & sheet i., 84 m., 2 to 48 in. dia.; 425 hyd.; 1,500 v.; met., 200; 6,690 serv.; pipe, lead & iron; pres., dom. & f. 11 to 77 lbs.; cons. day, 5,060,281 gals.; cost, \$2,180,000; cost mtce., \$30,000; wks. owned by city.

ST. STEPHEN, p. 2,336; f. area, 1 m.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., wd., 1 to $2\frac{1}{2}$ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 2 hrs.; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 500 ft.; tot. hose, 3,000 ft.; f. al., telp.; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$2,500; tot. mem. 14, pd. full time 2, pd. part time 12.

Water Supply—Src., well, 4 m., bus. cent.; sys., pump; res. cap., 1,000,000 gals.; 2 pump. eng., cap. hour 176,000 gals.; mains, c. l., 11 m., 6 to 16 in. dia.; 54 hyd.; met., 50; 720 serv.; pipe, galv. i.; pres., dom. & f., 80 to 120 lbs.; cons. day, 1,200,000 gals.; cost, \$134,000; cost mtce., \$9,000; wks. owned by city.

SHEDIAC, p. 2,000; f. area, 500 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose reel, 1 hand eng., 1 hose wag.; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 600 ft.; tot. hose, 1,100 ft.; f. al., horn; val. equip., \$2,500; val. bldgs., \$1,000; tot. mem., 23 vol.

Water Supply—Src., wells, 500 ft. bus. cent.; sys., grav.; stdp. cap., 80,000 gals.; res. cap., 250,000 gals., loc. near bus. cent.; 1 pump. eng., class comp., cap. min. 800 gals.; mains, iron, $1\frac{1}{2}$ m., 6 to 8 in. dia.; 25 hyd.; 50 serv.; pipe, lead & iron; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 12,000 gals.; cost, \$25,000; cost mtce., \$500; wks. owned by municipality.

SUSSEX, p. 2,600; f. area, 2 m. F. dept.—1 c. hand ex., 1 hose wag., 1 ladder trk., 1 f. police wag.; hose, cot., rub. lined, gd., 2,700 ft.; rub., gd., 300 ft.; tot. 3,000 ft.; f. al., Gamewell, 13 bx.; tot. mem., 30 vol.

Water Supply—Src., wells & creek, in bus. cent.; sys., pump dir.; res. cap., 500,000 gals.; 2 pump. eng., cap. day, 576,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 43 hyd.; 12 met.; pipe, c. l.; pres., dom. & f. 85 lbs.; cons. day, 170,000 gals.; cost, \$50,000; cost mtce., \$6,000; wks. owned by town.

WOODSTOCK, p. 3,856; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. hand ex., 1 h. & l. trk., 2 hose wag., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; rub., gd., 1,000 ft.; inf., 1,400 ft.; tot. hose, 6,400 ft.; f. al., elec., 11 bx.; val. equip., \$22,000; val. bldgs., \$7,000; exp. dept., \$25,000; tot. mem., 24 vol.

Water Supply—Src., riv., $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 330,000 gals.; pump. eng., cap. day 6,576,000 gals.; mains, c. l., $6\frac{1}{2}$ m., 8 to 10 in. dia.; 81 hyd.; 90 v.; met., 41; 588 serv.; pipe, wrt. l. & lead; pres., dom. 20 to 75 lbs., f. 75 to 100 lbs.; cost, 77,000; cost mtce., \$2,200; wks. owned by town.

NEWFOUNDLAND

ST. JOHN'S, p. 30,000; f. area, 2,560 a.; merc. bldgs., conc., stn., bk. & wd., 4 stor.; priv., wd., 3 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—3 str., 6 hand eng., 1 c. eng., 6 c. hand ex., 3 h. & l. trk., 3 hose wag., 9 hose car., 16 hrs.; hose, cot., rub. lined, gd., 12,000 ft.; f. al., Gamewell, 67 bx.; val. equip., \$60,000; val. bldgs., \$26,000; exp. dept., \$23,844;

tot. mem. 132, pd. full time 27, pd. part time 105.

Water Supply—Src., lake, $4\frac{1}{2}$ m. bus. cent.; sys., grav.; mains, c. l., 40 m., 4 to 24 in. dia.; 224 hyd.; 130 v.; met., 22, for experimental purposes only; 3,400 serv.; pipe, lead; pres., dom. 55 to 65 lbs., f. 100 to 150 lbs.; cons. day, 6,000,000 gals.; wks. owned by city.

NOVA SCOTIA

AMHERST, p. 8,973; f. area, 1,800 a.; merc. bldgs., bk., stn. & wd., 1½ to 3 stor.; priv., wd., 1½ & 2 stor.; fwks. & combt. ord. F. dept.—1 auto. comb. c. & h. wag., 2 str., 6 c. hand ex., 2 hose sleds with 1,000 ft. of hose each, 1 h. & l. trk., 3 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 5,050 ft.; f. al., elec., 26 bx.; val. equip., \$40,390; val. bldgs., \$21,560; exp. dept., \$6,500; tot. mem. 50, pd. full time 1, vol. 49.

Water Supply—Src., riv.; sys., pump to res. & dir.; res. cap., 3,000,000 gals.; pump. eng., cap. day 2,000,000 gals.; mains, iron, 15 m., 4 to 12 in. dia.; 43 hyd.; 27 v.; cost, \$90,000; cost mtce., \$1,400; wks. owned by town.

ANNAPOLIS ROYAL, p. 1,019; merc. bldgs., bk. & wd., 3 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 h. & l. trk., 4 hose wag.; hose, rub. gd., 1,800 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$8,000; exp. dept., \$200; tot. mem. 25 vol.

Water Supply—Src., lake, 4 m. bus. cent.; sys., grav.; mains, c. i., 16 m., 4 to 8 in. dia.; 25 hyd.; 300 serv.; pipe, lead & iron; pres., dom. 100 lbs.; f. 150 lbs.; cost, \$27,500; cost mtce., \$400; wks. owned by town.

ANTIGONISH, p. 1,787; f. area, 400 a.; merc. bldgs., bk. & wd., 2 & 2½ stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$100; tot. mem., 28 vol.

Water Supply—Src., spr. & brooks, 4 m. bus. cent.; sys., grav.; res. cap., 3,500,000 gals.; mains, iron, 4 m., 8 in. dia.; 27 hyd.; 30 v.; 400 serv.; pipe, galv. i.; pres., dom. 70 lbs., f. 140 lbs.; cost, \$45,000; cost mtce., \$400; wks. owned by city.

BERWICK, p. 800; f. area, 640 a. F. dept.—truck, ladders, buckets; tot. mem., 12 vol. No waterwks.

BRIDGETOWN, p. 996; f. area, 1½ m.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—3 hose wag.; hose, rub. gd., 1,200 ft.; f. al., elec., 1 general bx., 18 priv. bx.; val. equip., \$1,800; val. bldgs., \$2,000; exp. dept., \$150; tot. mem., 16 vol.

Water Supply—Src., spr. & lake; sys., grav.; res. cap., 1,000,000 gals.; mains, c. i., 10 m., 4 to 8 in. dia.; 81 hyd.; 21 v.; 815 serv.; pipe, galv. i.; pres., f. 110 to 115 lbs.; cost, \$33,000; cost mtce., \$2,000; wks. owned by city.

BRIDGEWATER, p. 2,775; bldgs., bk. & wd., 2 stor.; wd. rfa. not perm.; fwks. ord. F. dept.—1 str., 2 c. hand ex., 2 h. & l. trk., 4 hose car., 1 supply wag.; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$7,500; exp. dept., \$800; tot. mem., 50 vol.

Water Supply—Src., riv. tk.

CANNING, p. 1,413; f. area, 1,000 a.; merc. bldgs., stn. & wd., 1½ & 2 stor.; priv., stn. & wd., 1½ & 2 stor.; wd. rfa. perm.; no fwks. ord. F. dept.—1 hand eng., 1 hose car., other apparatus, ladders; hose, rub. gd., 600 ft.; leather, gd., 300 ft.; linen, inf., 150 ft.; tot. hose, 1,050 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$300; exp. dept., \$1,000; tot. mem., 12 vol.

Water Supply—Src., str., 2 m. bus. cent.; sys., grav.; res. cap., 2,000,000 gals.; mains, c. i., 4 m., 4 to 8 in. dia.; 29 hyd.; 15 v.; 150 serv.; pipe, galv. i.; pres., dom. 60 to 80 lbs., f. 75 to 80 lbs.; cost, \$27,000; cost mtce., \$200; wks. owned by town.

CANSO, p. 1,617; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 to 2½ stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—Buckets, rope ladders & axes. Waterwks. to be installed.

DARTMOUTH, p. 5,058; f. area, 2 sq. m.; bldgs., wd., 2 & 3 stor.; wd. rfa. perm. F. dept.—1 str., 1 h. & l. trk., 8 c. hand ex., 4 hose car.,

4 hrs.; hose, rub. gd., 3,150 ft.; 1 Eastman deluge set; f. al., bell; val. equip., \$12,240; val. bldgs., \$10,000; exp. dept., \$2,000; tot. mem. 75, pd. part time 5, vol. 70.

Water Supply—Src., lakes, 3 m. bus. cent.; sys., grav.; res. cap., 11,873,062,000 gals.; mains, c. i., 15 m., 1 to 20 in. dia.; 102 hyd.; 76 v.; met., 5; 950 serv.; pres., f. 40 to 90 lbs.; cost, \$275,000; cost mtce., \$12,872; wks. owned by town.

DIGBY, p. 1,247. F. dept.—3 hose car.; hose, 2,500 ft.; tot. mem. 20, pd. part time; undrs. rating, first class.

Water Supply—Src., lake & str., 3½ m. bus. cent.; sys., grav.; res. cap., 16,000,000 gals.; mains, iron, 7 m., 4 to 10 in. dia.; 21 hyd.; 250 serv.; pipe, lead; pres., dom. 80 lbs., f. 140 lbs.; cost, \$40,000; cost mtce., \$450; wks. owned by town.

HALIFAX, p. 46,619; merc. bldgs., bk. & wd., 2½ to 7 stor.; priv., bk. & wd., 2½ stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 8 str., 2 c. eng., 3 h. & l. trk., 1 aer. trk., 3 hose wag., 3 hose sleighs, 35 hrs.; hose, cot., rub. lined, gd., 14,000 ft.; f. al., elec., 61 bx.; val. equip., \$104,000; val. bldgs., \$110,000; exp. dept., \$48,500; tot. mem. 129, pd. full time 32, call men 97.

Water Supply—Src., surface water, lake, 6½ m. bus. cent.; sys., grav.; mains, c. i., 77 m., 3 to 27 in. dia.; 467 hyd., local; 844 v.; 4,161 met.; 7,816 serv.; pipe, lead; pres., dom. 10 to 60 lbs., f. 30 to 100 lbs.; cost, \$1,267,816; cost mtce., \$100,000; wks. owned by city.

INVERNESS, p. 3,000. F. dept.—1 ladder wag., 1 hose wag., 1 hr., 1,500 ft. hose; tot. mem., 32 vol.

Water Supply—Src., spr.; sys., grav.; pres., 80 lbs.

KENTVILLE, p. 2,304; f. area, 640 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. perm.; no fwks. ord. F. dept.—1 hose car., 1 salvage wag.; hose, rub. gd., 1,600 ft.; inf., 400 ft.; tot. hose, 2,000 ft.; f. al., automatic, 8 bx.; val. equip., \$2,500; val. bldgs., \$3,000; exp. dept., \$350; tot. mem., about 60 vol.

Water Supply—Src., brook, 4 m. bus. cent.; sys., grav.; res. cap., 7,000,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. i. & stl., 14½ m., 4 to 8 in. dia.; 67 hyd.; 68 v.; 3 met.; 450 serv.; pipe, galv. i.; pres., dom. & f., 85 to 115 lbs.; cons. day, 400,000 gals.; cost, \$63,450; cost mtce., \$3,302; wks. owned by town.

LAWRENCETOWN, p. 600; f. area, 600 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; causes of f. not inv. F. dept.—1 h. & l. trk., 1 hose reel, 2 hose wag.; hose, cot., rub. lined, gd., 500 ft.; rub. gd., 1,000 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; tot. mem., 12 vol.

Water Supply—Src., res., 1½ m. bus. cent.; sys., grav.; res. cap., 500,000 gals., loc. on mountain side, 200 ft. above town; mains, iron, 4 m., 4 to 8 in. dia.; 18 hyd.; 155 serv.; pres., dom. 80 lbs., f. 95 lbs.; cost, \$15,000; cost mtce., \$250; wks. owned by municipality.

LIVERPOOL, p. 2,109; f. area, 1½ sq. m.; merc. bldgs., bk. & wd., 2 to 2½ stor.; priv., wd., 2 to 2½ stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 3 ladders, 3 hose reels; hose, cot., rub. lined, gd., 600 ft.; rub. gd., 1,200 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 20 vol.

Water Supply—Src., lake, 1½ m. bus. cent.; sys., grav.; mains, c. i., 5 m., 4 to 10 in. dia.; 30 hyd.; 15 v.; pres., dom. 75 to 85 lbs., f. 75 to 85 lbs.; wks. owned by town.

LUNenburg, p. 2,681; f. area, 480 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 1½ & 2 stor.; wd. rfa. perm. F. dept.—1 str., 2 hand eng., 1 h. & l. trk., 5 hose car., 1 supply wag., 1 salvage wag.; hose, rub. gd., 2,500 ft.; cot., rub. lined, gd., 900 ft.; tot. hose, 3,400 ft.; f. al., bell &

telp.; val. equip., \$9,000; val. bldgs., \$8,000; exp. dept., \$1,000; tot. mem., 70 vol.

Water Supply—Src., lake & spr., $\frac{3}{4}$ m. bus. cent.; sys. pump to res.; res. cap., 1,250,000 gals.; pump. eng., cap. day 350,000 gals.; mains, iron, 9 m., 4 to 16 in. dia.; 53 hyd.; pipe, galv. i. & lead; pres., 45 to 95 lbs.; cost, \$90,000; cost mtce., \$650; wks. owned by town.

MIDDLETON, p. 827; f. area, 800 a.; merc. bldgs., wd., $1\frac{1}{2}$ & 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. perm.; no fwks. ord. F. dept.—2 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., elec.; val. equip., \$1,500; tot. mem., 18 vol.

Water Supply—Src., lake, spr.; sys. grav.; mains, $\frac{3}{4}$ m.; 20 hyd.; 125 serv.; pres., dom. 100 lbs., f. 100 lbs.; cost, \$31,000; wks. owned by city.

NEW GLASGOW, p. 6,883; f. area, 2,000 a.; bldgs., bk., stn. & wd., 2 stor.; wd. rfs. perm. F. dept.—1 str., 2 h. & l. trk., 6 hose car.; flammec. couplings used; hose, linen, gd., 2,000 ft.; rub., gd., 5,000 ft.; tot. hose, 7,000 ft.; f. al., elec., 9 bx.; val. equip., \$15,000; val. bldgs., \$1,400; exp. dept., \$2,500; tot. mem., 80 vol.

Water Supply—Src., riv., 2 m. bus. cent.; sys. pump to res.; res. cap., 2,000,000 gals.; pump. eng., class comp. dup., cap. day 1,750,000 gals.; mains, c. i., 16 m., 3 to 12 in. dia.; 86 hyd.; 70 v.; met., 70; 1,200 serv.; pipe, lead; pres., dom. 100 lbs., f. 120 lbs.; cost, \$170,000; cost mtce., \$9,000; wks. owned by city.

NORTH SYDNEY, p. 5,418; bldgs., wd., $1\frac{1}{2}$ to 3 stor.; wd. rfs. perm. F. dept.—1 str., 1 hand eng., 1 h. & l. trk., 4 hose car., 2 f. boats; hose, rub., gd., 2,000 ft.; f. al., wh.; val. equip., \$8,000; exp. dept., \$840; tot. mem., 42. pd. 20, vol. 22.

Water Supply—Src., lake; sys. pump to res. & dir.; pump. eng., cap. day 3,000,000 gals.; mains, 10 m.; 54 hyd.; 750 serv.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$125,000; wks. owned by town.

OXFORD, p. 1,392; f. area, 1 sq. m.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 10 c. hand ex., 3 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 1,200 ft.; tot. hose, 2,000 ft.; f. al., wh.; val. equip., \$6,000; tot. mem., 30, pd. part time 2, vol. 28.

Water Supply—Src., spr., 1 m. bus. cent.; sys. grav.; 2 res. cap., 425,000 gals.; mains, iron, 4 m., 4 to 8 in. dia.; 13 hyd.; 16 v.; 210 serv.; pipe, galv. i.; pres., dom. & f., 37 lbs.; cost, \$30,000; cost mtce., \$300; wks. owned by priv. Co.

PICTOU, p. 3,179; merc. bldgs., wd., 3 stor.; priv., wd.; wd. rfs. perm. F. dept.—1 str., 1 h. & l. trk., 5 hose car., 4 hrs.; hose, rub., gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., bell; val. equip., \$4,800; val. bldgs., \$2,000; exp. dept., \$1,638; tot. mem., 62, pd. part time 2, vol. 60; undra. rating, second class.

Water Supply—Src., wells, $1\frac{1}{2}$ m. bus. cent.; sys. pump to stdp.; stdp. cap., 470,000 gals.; dim., 40 x 60; mat., stl.; 2 pump. eng., class dup. comp., cap. day 2,000,000 gals.; mains, c. i., 9 m., 6 to 12 in. dia.; 65 hyd.; v.; 630 serv.; pipe, galv. i.; pres., dom. 45 to 110 lbs., f. 80 to 100 lbs.; cons. day, 250,000 gals.; cost, \$117,400; cost mtce., \$7,625; wks. owned by town.

PUGWASH, p. 900; f. area, 20 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose reels, 2 hose wag.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 500 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$700; exp. dept., \$100; tot. mem., 40 vol.

Water Supply—Src., riv.; owned by municipality.

SHELBURNE, p. 1,435; merc. bldgs., wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 hand eng., 2 hose car., other apparatus, hooks & ladders; hose, rub., gd., 1,300 ft.; cot., gd., 450 ft.; inf., 100 ft.; tot. hose, 1,850 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$1,500; exp. dept., \$600; tot. mem., 35 vol.

Water Supply—Src., harbor, wells & tk.

SPRINGHILL, p. 5,713; f. area, 2,880 a.; merc. bldgs., frame, 2 stor.; priv., frame, 2 stor.; wd.

rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 h. & l. trk., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 800 ft.; inf., 200 ft.; tot. hose, 1,500 ft.; f. al., telp., 12 bx.; val. equip., \$4,750; val. bldgs., \$6,500; exp. dept., \$750; tot. mem., 25 vol.

Water Supply—Src., riv., 7 m. bus. cent.; sys. grav.; res. cap., 150,000 gals., loc. in town at highest elevation; 3 pump. eng.; mains, c. i., 10 m., 4 to 12 in. dia.; 64 hyd.; 1,200 serv.; pipe, lead; pres., dom. 60 to 120 lbs., f. 60 to 120 lbs.; cost, \$190,000; cost mtce., \$1,200; wks. owned by municipality.

STELLARTON, p. 2,910; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 hand eng., 1 h. & l. trk., 4 hose reels, 3 hose car.; hose, rub., gd., 2,000 ft.; f. al., bell; val. equip., \$3,500; exp. dept., \$1,000; tot. mem., 35 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys. pump to res.; res. cap., 1,000,000 gals., loc. $\frac{1}{2}$ m. pump. station; 2 pump. eng., class comp. dup., cap. day 2,000,000 gals.; mains, c. i., $6\frac{1}{4}$ m., 4 to 10 in. dia.; 67 hyd.; 37 v.; met., 1; 820 serv.; pipe, lead; pres., dom. 60 to 80 lbs., f. 100 to 125 lbs.; cons. day, 800,000 gals.; cost, \$85,000; cost mtce., \$10,000; wks. owned by town.

SYDNEY, p. 17,723; f. area, 30 a.; merc. bldgs., wd. & bk., 2 & 4 stor.; priv., wd., 2 & 3 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 str., 1 c. eng., 1 hand eng., 3 hose wag., priv. c. ex., 1 h. & l. trk., 6 hose reels; hose, rub., gd., 4,600 ft.; f. al., elec. sys., wh. & bell; val. equip., \$17,000; val. bldgs., \$20,000; exp. dept., \$9,911; tot. mem., 70, pd. full time 7, 63 vol.

Water Supply—Src., brook, 3 m. bus. cent.; sys. grav.; res. cap., 200,000,000 gals.; mains, c. i., 29.33 m., 4 to 24 in. dia.; 158 hyd.; 300 v.; 26 met.; 2,351 serv.; pipe, lead & galv. i.; pres., 50 to 86 lbs.; cons. day, 1,973,963 gals.; cost, \$424,022; cost mtce., \$6,807; wks. owned by city.

SYDNEY MINES, p. 8,000; f. area, 2,900 a.; merc. bldgs., wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hose reels, 1 hose wag., 1 hose sleigh, 8,000 ft. hose; f. al., wh.; val. equip., \$5,500; tot. mem., 25 vol.

Water Supply—Src., Pollies Lake, 3-13 m. bus. cent.; sys. pump; res. cap., 1,000,000 gals.; 2 pump. eng., class dup., cap. day 2,300,000 gals.; mains, c. i., 12 m., 4 to 12 in. dia.; 93 hyd.; 173 v.; 1,003 serv.; pipe, galv. i.; pres., dom. 20 to 40 lbs., f. 60 lbs.; cons. day, 213,000 gals.; cost, \$85,500; cost mtce., \$700; wks. owned by city.

TRURO, p. 6,107; f. area, 42 m. of streets; bldgs., wd. & bk., $1\frac{1}{2}$ to 4 stor.; wd. rfs. perm. outside of bk. district; fwks. ord. F. dept.—1 hose wag., 1 c. eng., 1 h. & l. trk., 4 hrs.; hose reels; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 4,000 ft.; tot. hose, 5,000 ft.; f. al., Game-well, 20 bx.; val. equip., \$25,000; val. bldgs., \$15,000; exp. dept., \$4,000; tot. mem., 60, pd. full time 2, pd. part time 2, vol. 56.

Water Supply—Src., brook, $1\frac{1}{2}$ m. bus. cent.; sys. grav. & pump dir.; 2 dup. comp. pumps; res. cap., 30,000,000 gals.; pump. eng., cap. day 3,000,000 gals.; mains, c. i., 17 m., 4 to 14 in. dia.; 117 hyd.; 114 v.; 12 met.; 1,200 serv.; pipe, galv. i. & lead; pres., dom. 70 to 97 lbs., f. 120 lbs.; cost, \$300,000; cost mtce., \$4,000; wks. owned by town.

WESTVILLE, p. 4,417; f. area, 1,000 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., $1\frac{1}{2}$ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 800 ft.; rub., gd., 1,500 ft.; tot. hose, 1,800 ft.; f. al., wh.; val. equip., \$2,300; val. bldgs., \$600; exp. dept., \$899; tot. mem., 20, vol. 15.

Water Supply—Src., riv., $1\frac{1}{2}$ m. bus. cent.; sys. pump to res.; res. cap., 1,500,000 gals., loc. 1 m. bus. cent.; 1 pump. eng., class comp. dup., cap. day 500,000 gals.; mains, c. i., 15 m., 4 to 10 in. dia.; 45 hyd.; 13 v.; 835 serv.; pipe, lead; pres., dom. 70 lbs., f. 70 lbs.; cons. day, 100,000 gals.; cost, \$70,000; cost mtce., \$6,420; wks. owned by town.

WINDSOR, p. 3,452; f. area, 1,280 a.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv., wd., $2\frac{1}{4}$ stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk.,

4 hose carts, 2 hrs.; hose, cot., rub. lined, gd., 600 ft.; rub. gd., 1,200 ft.; inf., 300 ft.; tot. hose, 2,100 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$2,600; exp. dept., \$600; tot. mem. 60, pd. part time 1, vol. 50.

Water Supply—Src., lake, 8 m. bus. cent.; sys., grav.; res. cap., 100,000,000 gals.; mains, iron, 9 m., 4 to 10 in. dia.; 70 hyd.; 30 v.; 500 serv.; pipe, lead; pres., dom. 40 to 76 lbs.; f. 86 lbs.; cons. day, 850,000 gals.; cost, \$80,000; cost mtce., \$2,500; wks. owned by town.

WOLFVILLE, p. 1,458; f. area, 500 a.; merc. bldgs., wd., 8 stor.; priv., wd., 3 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 5 hose carts; hose, rub., gd., 2,000 ft.; f. al., bell; val. equip., \$2,500; exp. dept., \$250; tot. mem., 32 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., grav.; res. cap., 7,000,000 gals.; mains, iron, 8 m., 1/2 to 8 in. dia.; 44 hyd.; 600 serv.; pipe, galv. i.; pres., dom. & f., 35 lbs.; cost, \$48,000; cost mtce., \$200; wks. owned by city.

YARMOUTH, p. 6,600; f. area, 1,200 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 to 3 stor.; wd. rfa. perm.; fwks. ord.; causes of f. inv. F. dept.—2 str., 2 c. ex., 1 h. & 1 trk., 5 hose car., 1 hose wag., 1 supply wag., siamese couplings used; hose, cot., gd., 1,000 ft.; rub. gd., 2,800 ft.; tot. hose, 3,800 ft.; f. al., wh.; 9 hrs., 5 hired; val. equip., \$11,000; val. bldgs., \$10,000; exp. dept., \$6,000; tot. mem. 110, pd. full time 6, vol. 104.

Water Supply—Src., lake, 10 m. bus. cent.; sys., grav., pump to res. & dir.; res. cap., 2,000,000 gals.; 2 pump. eng., class triple, cap. day 300,000 gals.; mains, c. l., 81 m., 4 to 12 in. dia.; 98 hyd.; 110 v.; met., 7; 1,868 serv.; pipe, lead; pres., dom. 45 lbs., f. 80 to 100 lbs.; cons. day, 890,000 gals.; cost, \$287,400; cost mtce., \$3,297; wks. owned by city.

Places with a population of 1,000 or more having no organized fire dept.—Caledonia, Guysboro, Weymouth.

ONTARIO

ACTON, p. 1,720; f. area, 150 a.; merc. bldgs., bk. & wd., 1 1/2 & 2 stor.; priv., bk. & wd., 1 1/2 & 2 stor.; wd. rfa. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 2 hose car., 2 hrs.; hose, rub., gd., 1,200 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$1,000; exp. dept., \$150; tot. mem., 40.

Water Supply—Src., tk.

AILSA CRAIG, p. 700; f. area, 500 a.; merc. bldgs., bk. & frame, 1 to 2 stor.; priv., bk., 1 & 1 1/2 stor.; wd. rfa. perm. in f. area. F. dept.—1 h. & 1 trk., 1 hand eng., 1 hose reel; hose, gd., 800 ft.; f. al., bell; val. equip., \$700; vol.

Water Supply—Src., riv.

ALEXANDER, p. 2,323; f. area, 320 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 1 1/2 & 2 stor.; wd. rfa. not perm.; fwks. ord.; causes of f. inv. F. dept.—2 c. ex., 3 hose car., 3 hose wag.; hose, rub., gd., 1,500 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$2,500; exp. dept., \$500; tot. mem., 13 vol.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 107,000 gals.; 2 pump. eng., cap. day, 620,000 gals.; mains, c. l., 3 1/2 m., 4 to 8 in. dia.; 32 hyd.; 26 v.; 9 met.; 200 serv.; pres., dom. 56 lbs., f. 110 lbs.; cons. day, 150,000 gals.; cost, \$27,000; cost mtce. (including elec. light plant), \$6,000; wks. owned by city.

ALLISTON, p. 1,279; f. area, 250 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 2 & 3 stor.; wd. rfa. not perm.; fwks. ord.; causes of f. inv. F. dept.—2 c. ex., 1 h. & 1 trk., 2 hose car., 1 hose wag., hand grenades; hose, cot., gd., 1,200 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$10,000; exp. dept., \$900; tot. mem. 25, pd. part time; undrs. rating, fourth class.

Water Supply—Src., riv., 1/2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 30,000 gals.; pump. eng., cap. day 800,000 gals.; mains, c. l., 3 m., 4 to 10 in. dia.; 28 hyd.; 200 serv.; pipe, galv. l.; pres., dom. 60 lbs., f. 120 lbs.; cost, \$20,000; cost mtce., \$1,000; wks. owned by Co.

ALMONTE, p. 2,452; merc. bldgs., stn. & bk., 1 1/2 to 8 stor.; priv., stn., bk. & wd., 1 1/2 & 2 stor.; wd. rfa. perm.; no fwks. ord. F. dept.—1 str., 1 hand eng., 1 h. & 1 trk., 3 hose car., 5 c. ex., all kinds; hose, 3,000 ft.; f. al., bell; val. equip., \$8,000; tot. mem., 28 vol.; undrs. rating, fourth class.

Water Supply—Src., riv. & cisterns, 100 ft. bus. cent.; sys., pump dir.; pump. eng., cap. over 450 gals. min.; 8 pumps in mills, near bus. cent.

ALVINSTON, p. 850; f. area, 446 a.; merc. bldgs., bk. & frame, 2 stor.; priv., bk. & frame, 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 c. hand ex., 1 aer. trk., 2 hose reels; hose, gd., 700 ft.; inf., 500 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$400; exp. dept., \$300; tot. mem., 14 vol.

Water Supply—Src., riv., 600 ft. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day 200,000

gals.; mains, 4 to 6 in. dia.; 7 hyd.; wks. owned by Co.

AMHERSTBURG, p. 2,600; f. area, 600 a.; merc. bldgs., stn., bk. & wd., 2 to 4 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfa. perm. F. dept.—1 c. eng., 3 c. ex., 1 h. & 1 trk., 8 hose car.; hose, rub., 500 ft.; cot., gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., elec. & wh., 3 bx.; val. equip., \$2,500; val. bldgs., \$16,000; exp. dept., \$500; tot. mem. 13, pd.

Water Supply—Src., riv., 1/2 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 48,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. & wrt. l., 10 m., 2 1/2 to 10 in. dia.; 60 hyd.; 24 v.; met., 24; 950 serv.; pipe, lead; pres., dom. 35 lbs., f. 120 lbs.; cons. day, 400,000 gals.; cost, \$50,000; cost mtce., \$3,000; wks. owned by city.

ARNPRIOR, p. 4,405; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfa. not perm. in f. limits. F. dept.—1 str., 1 hand eng., c. ex. on cart, 1 h. & 1 trk., 2 hose car.; hose, rub., gd., 1,000 ft.; inf., 100 ft.; cot., gd., 1,200 ft.; inf., 300 ft.; tot. hose, 2,600 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$20,000; exp. dept., \$1,300; tot. mem. 50, pd. part time.

Water Supply—Src., wells, riv. & tk.

ATHENS, p. 802; f. area, 200 a.; merc. bldgs., bk. & stn., 1 1/2 to 3 stor.; priv., bk. & wd., 1 1/2 & 2 stor.; wd. rfa. perm.; fwks. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose car.; hose, cot., gd., 1,000 ft.; f. al., bell; val. equip., \$900; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 20 vol.

Water Supply—Src., wells & 5 tk.

AURORA, p. 1,901; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—1 h. eng., 2 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell & wh., 9 bx.; tot. mem., 60 vol.

Water Supply—Src., artesian wells, in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 100,000 gals.; 2 pump. eng., cap. day, 1,152,000 gals.; mains, 3 1/2 m., 4 to 6 in. dia.; 32 hyd.; 21 v.; 1 met.; 400 serv.; pres., dom. 35 lbs., f. 125 lbs.; cons. day, 120,000 gals.; cost, \$30,000; wks. owned by town.

AYLMER, p. 2,102; f. area, 600 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 1 & 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 1,300 ft.; rub. gd., 300 ft.; inf., 800 ft.; tot. hose, 2,400 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$1,000; exp. dept., \$500; tot. mem., 21 vol.

Water Supply—Src., wells, 1 1/2 m. bus. cent.; sys., grav. & pump to stdp.; stdp. cap., 125,000 gals.; dim., 16 x 100; mat., stl.; res. cap., 375,000 gals.; 2 pump. eng., cap. day 1,372,000 gals.; mains, c. l., 15 m., 4 to 10 in. dia.; 43 hyd.; 80 v.; met., 175; 175 serv.; pipe, lead;

pres., dom. 40 lbs., f. 125 lbs.; cost, \$100,000; cost mtce., \$4,500; wks. owned by city.

AYR, p. 828; f. area, 500 a.; merc. bldgs., bk. 1½ stor.; priv., bk. & wd., 1½ stor.; wd. rfa. perm.; fwks. ord. F. dept.—1 str. eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,050 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$100; tot. mem. 12, pd. part time.

Water Supply—Src., riv., in bus. cent.; 1 pump. eng.

BANCROFT, p. 750; f. area, 500 a.; merc. bldgs., frame, 2 stor.; priv., frame, 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 hose reels; hose, gd., 300 ft.; inf., 500 ft.; tot. hose, 800 ft.; f. al. bell; val. equip., \$2,700; val. bldgs., \$500.

Water Supply—Src., riv., 300 ft. bus. cent.; 2 hand eng.

BARRIE, p. 6,420; bldgs., wd., 2 & 3 stor.; wd. rfa. perm.; no fwks. & combt. ord. F. dept.—1 str., 1 c. hand ex., 2 h. & 1 trk., 2 hose wag.; hose, rub., gd., 3,000 ft.; inf., 400 ft.; tot. hose, 3,400 ft.; f. al., tel.; val. equip., \$10,000; val. bldgs., \$14,000; exp. dept., \$4,500; tot. mem., 26 vol.; undrs. rating, third class.

Water Supply—Src., well, 1,000 ft. bus. cent.; sys., pump to stdp.; stdp. cap., 158,000 gals.; dim., 25 x 50; mat., stl.; res. cap., 193,000 gals.; additional res., cap. 100,000 gals., loc. at pump. station; 2 pump. eng., class dup. comp., cap. day 2,000,000 gals.; mains, c. l., 30 m., 4 to 12 in. dia.; 104 hyd.; 60 v.; met., 500; 1,200 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 120 lbs.; cons. day, 300,000 gals.; wks. owned by town.

BEAMSVILLE, p. 900; f. area, 517 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk., 1 & 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 hose reel; f. al. bell.

Water Supply—Src., spr., 1 m. bus. cent.; res. cap., 10,500,000 gals., loc. on mountain; mains, c. l., 4 in. dia.; 200 serv.; pres., f. 90 lbs.; cost, \$27,000; wks. owned by city.

BEAVERTON, p. 1,150; f. area, 800 a.; bldgs., bk. & wd., 2½ & 3 stor.; wd. rfa. perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 1 gas. eng., 1 hose car.; hose, cot., gd., 350 ft.; val. equip., \$2,600; tot. mem., 30.

Water Supply—Src., riv., 100 ft. bus. cent.; sys., pump dir.

BEETON, p. 564; f. area, 100 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,250 ft.; inf., 350 ft.; tot. hose, 1,600 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$6,000; tot. mem., 21 vol.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 190,000 gals.; mains, iron, 2½ m., 4 to 12 in. dia.; 25 hyd.; pipe, galv. i.; pres., dom. 80 lbs., f. 72 to 86 lbs.; cost, \$15,500; wks. owned by city.

BELLEVILLE, p. 9,876; merc. bldgs., bk. & stn., 1 to 4 stor.; priv., bk. & wd., 1½ to 2½ stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 water tower, 2 c. hand ex., 1 h. & 1 trk., 2 hose wag., 6 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., tel., 175 bx.; val. equip., \$7,000; val. bldgs., \$4,000; tot. mem. 20, pd. full time 1, pd. part time 19.

Water Supply—Src., bay, 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 350,000 gals.; dim., 120 x 25; mat., stl.; 3 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 14 m., 4 to 20 in. dia.; 336 hyd.; 90 v.; met., 90; 1,380 serv.; pipe, galv. i.; pres., dom. 85 lbs., f. 125 lbs.; cons. day, 1,300,000 gals.; cost, \$280,000; cost mtce., \$7,800; wks. owned by city.

BERLIN, p. 15,196; f. area, 2,000 a.; merc. bldgs., bk., 1½ to 5 stor.; priv., bk., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. eng., 6 c. hand ex., 2 h. & 1 trk., 1 comb. c. & h. wag., 2 hose wag., 2 hose car., 4 hrs.; hose, cot., rub. lined, gd., 7,500 ft.; inf., 600 ft.; tot. hose, 8,100 ft.; f. al., bell, elec., 48 bx.; val. equip., \$25,000; val. bldgs., \$49,000; exp. dept., \$5,768; tot. mem. 16, pd. full time.

Water Supply—Src., well, 2 m. bus. cent.; sys.,

pump to stdp.; stdp. cap., 150,000 gals.; dim., 104 x 16; mat., stl.; new stdp. cap., 500,000 gals.; dim., 125 x 50; mat., conc.; 5 pump. eng., class elec. & trip. comp., cap. day 4,592,000 gals.; mains, c. l., 35 m., 1 to 12 in. dia.; 235 hyd.; 2,517 met.; 2,872 serv.; pipe, lead; pres., dom. 50 lbs., f. 100 lbs.; cons. day, 909,134 gals.; cost, \$318,759; cost mtce., \$17,904; wks. owned by city.

BLENHEIM, p. 1,387; f. area, 50 a.; bldgs., bk. & wd., 1 & 2 stor.; wd. rfa. not perm. in f. limits; fwks. ord. F. dept.—1 str., 2 c. hand ex., 1 h. & 1 trk., 2 hose car.; hose, cot., gd., 1,600 ft.; f. al., bell; val. equip., \$7,500; val. bldgs., \$10,000; exp. dept., \$800; tot. mem., 21 vol.; undrs. rating, fourth class.

Water Supply—Src., tk., near bus. cent.; sys., pump dir.

BLVTH, p. 704; f. area, 8 a.; merc. bldgs., wd., stn. & bk., 1½ & 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfa. perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., c. ex., 2 hose car., 1 hose wag.; hose, rub., gd., 100 ft.; cot., gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; f. al., bell; 2 hrs.; val. equip., \$3,500; val. bldgs., \$600; exp. dept., \$200; tot. mem. 17, pd. part time.

Water Supply—Src., large crk., in bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 1,080,000 gals.; mains, 1½ m., 4 in. dia.; 13 hyd.; 26 v.; 16 serv.; pres., dom. 80 lbs., f. 100 lbs.; cost, \$5,000; cost mtce., \$300; wks. owned by corps.

BOBCAYGEON, p. 1,000; f. area, 100 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., bk. & stn., 1, 2 & 3 stor.; wd. rfa. perm. F. dept.—1 str., 2 hand eng., 1 h. & 1 trk., 1 hose car.; hose, cot., gd., 1,350 ft.; rub., poor, 100 ft.; tot. hose, 1,450 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$700; tot. mem., 35 vol.

Water Supply—Src., riv. & canal.

BOLTON, p. 1,600; f. area, 500 a. F. dept.—1 trk., ladders.

Water Supply—Wells & riv.

BOTHWELL, p. 690; f. area, ¾ m.; merc. bldgs., bk. & wd., 2 stor.; priv., bk., 1½ & 2 stor.; wd. rfa. perm. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose car.; hose, cot., gd., 300 ft.; rub., gd., 450 ft.; inf., 200 ft.; tot. hose, 950 ft.; f. al., bell; val. equip., \$6,000; exp. dept., \$500; tot. mem. 15, pd. full time 1, vol. 14.

Water Supply—Src., wells, 400 ft. bus. cent.; sys., pump dir.; res. cap., 96,000 gals.; mains, c. l., 1 m.; 14 hyd.; pres., f. 80 lbs.; cost, \$4,500; wks. owned by city.

BOWMANVILLE, p. 2,314; f. area, 1 sq. m.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 c. eng., 1 extension ladder, 2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose cart, 5 hrs.; hose, cot., rub. lined, gd., 1,800 ft.; rub., gd., 250 ft.; inf., 200 ft.; tot. hose, 2,250 ft.; f. al., elec., 5 bx.; val. equip., \$10,000; exp. dept., \$1,200; tot. mem., 20, pd. part time.

Water Supply—Src., spr., 8 m. bus. cent.; sys., grav.; res. cap., 500,000 gals.; 1 pump. eng., cap. day, 144,000 gals.; mains, iron, 8 m., 4 to 10 in. dia.; 60 hyd.; pipe, iron; pres., dom. 70 lbs., f. 140 lbs.; wks. owned by corps.

BRACEBRIDGE, p. 2,776; f. area, 200 a.; merc. bldgs., bk., 1 to 3 stor.; priv., stn., bk. & wd., 1½ & 2 stor.; wd. rfa. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 h. eng., 2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose car., 2 hrs.; hose, cot., rub. lined, 3,000 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$5,000; exp. dept., \$2,000; tot. mem., 20 vol.

Water Supply—Src., spr.; sys., grav. to res. pump. dir.; res. cap., 215,000 gals., loc. 60 ft. pump; 1 pump. eng., cap. day, 1,440,000 gals.; mains, c. l., 5 m., 4 to 10 in. dia.; 50 hyd.; 33 v.; met., 3; 550 serv.; pipe, lead; pres., dom. 60 lbs., f. 80 to 120 lbs.; cons. day, 86,000 gals.; cost, \$50,000; cost mtce., \$800; wks. owned by city.

BRADFORD, p. 946; f. area, 50 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. eng., several hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; f. al., bell; val.

equip., \$2,500; val. bldgs., \$8,500; exp. dept., \$50; tot. mem. 52, pd. full time 2, vol. 50.

Water Supply—Src., 14 tk. fed by spr.

BRAMPTON, p. 412; f. area, 1,000 a.; merc. bldgs., bk., 2 & 3 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 hose car.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., elec., 11 bx.; val. equip., \$6,000; val. bldgs., \$2,000; exp. dept., \$270; tot. mem., 56 vol.; undrs. rating, third class.

Water Supply—Src., wells, 4 m., & lake, 5 m. bus. cent.; sys., pump to res., cap. 1,000,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 17½ m., 4 to 12 in. dia.; 86 hyd.; 843 met.; 880 serv.; pipe, lead & iron; pres., dom. 50 to 65 lbs.; f. 125 lbs.; cost mtce., \$4,600; wks. owned by town.

BRANTFORD, p. 23,132; f. area, 2,957 a.; merc. bldgs., bk., 1 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 1 aer. trk., 14 c. hand ex., 4 hose wag., 1 hose reel, 1 chief's buggy, 2 hose sleighs, 11 hrs.; hose, cot., rub. lined, gd., 7,000 ft.; inf., 1,000 ft.; tot. hose, 8,000 ft.; f. al., Gaynor elec., 85 bx.; val. equip., \$20,000; val. bldgs., \$16,100; exp. dept., \$21,000; tot. mem. 19, pd. full time.

Water Supply—Src., spr., 2 m. bus. cent.; sys., pump dir.; 3 pump. eng., cap. day 10,000,000 gals.; mains, c. l., 54½ m., 4 to 14 in. dia.; 297 hyd.; 433 v.; met., 270; 6,118 serv.; pipe, lead; pres., dom. 80 lbs., f. 120 lbs.; cons. day, 2,665,532 gals.; cost \$552,906; cost mtce., \$22,833; wks. owned by city.

BRIDGEBURG, p. 1,637; f. area, 1,400 a.; merc. bldgs., frame, 2 stor.; priv., frame, 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 c. hand ex., 2 hose reels, 2 hose car.; f. al., telp.; val. equip., \$3,000; val. bldgs., \$2,000; tot. mem., 35 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump dir.; 2 pump. eng.; mains, 10 m., 4 to 10 in. dia.; 41 hyd.; 400 serv.; pres., dom. 40 lbs., f. 180 lbs.; cost, \$50,504; cost mtce., \$900; wks. owned by city.

BRIGHTON, p. 1,800; f. area, 2,740 a.; merc. bldgs., bk., 3 stor.; priv., bk. & frame, 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hand eng.; hose, gd., 200 ft.; inf., 500 ft.; tot. hose, 700 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,000; vol.

Water Supply—Src., wells, cent. of town; sys., pump dir.; 1 pump. eng.

BROCKVILLE, p. 9,374; f. area, 1,230 a.; merc. bldgs., stn. & bk., 2 to 5 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels, 5 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; f. al., elec., 24 bx.; val. equip., \$16,000; val. bldgs., \$9,000; exp. dept., \$7,000; tot. mem. 21, pd. full time 6, pd. part time 15.

Water Supply—Src., riv., in bus. cent.; sys., pump dir.; 3 pump. eng., class bor. comp., cap. day 7,000,000 gals.; mains, c. l., 20 m., 4 to 12 in. dia.; 128 hyd.; 165 v.; 3 met.; 2,372 serv.; pipe, lead; pres., dom. 65 lbs., f. 100 lbs.; cons. day, 2,563,619 gals.; cost, \$265,527; cost mtce., \$14,895; wks. owned by city.

BRUSSELS, p. 902; f. area, 6 blocks; merc. bldgs., bk., 2 & 3 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. hand ex., 2 c. eng., 3 hose car.; hose, rub., gd., 1,200 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$1,200; exp. dept., \$100; tot. mem. 16, pd. part time.

Water Supply—Src., riv., sys., pump dir.; pump. eng., cap. day 144,000 gals.; 3 hyd.; mains, c. l., ¼ m., 4 in. dia.; cost, \$2,000; wks. owned by city.

BURKS FALLS, p. 940; f. area, 668 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., frame, 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose reels, 1 hose wag.; hose, gd., 1,000 ft.; f. al., bell; val. equip., \$1,500; val. bldgs., \$1,000; tot. mem., 20 vol.

Water Supply—Src., lake, 1,600 ft. bus. cent.; sys., grav.; res. cap., 39,200 gals., loc. cent. of town; mains, iron, 3½ m., 6 to 10 in. dia.; 23

hyd.; cost, \$40,000; cost mtce., \$120; wks. owned by city.

BURLINGTON, p. 1,650; f. area, 550 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. area; F. dept.—1 str., 3 ladders, 4 hose reels; hose, rub. lined, gd., 2,000 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 60 vol.

Water Supply—Src., lake, ½ m. bus. cent.; sys., pump dir. to stdp.; stdp. cap., 125,000 gals.; well cap., 200,000 gals.; 2 pump. eng., cap. day, 12,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 70 hyd.; met., 850; 400 serv.; pres., dom. 48 lbs., f. 140 lbs.; cons. day, 250,000 gals.; cost, \$65,000; cost mtce., \$2,000; wks. owned by city.

CACHE BAY, p. 982; f. area, 642 a.; merc. bldgs., frame, 2 stor.; priv., frame, 1 & 1½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 2 hose reels; f. al., bell; val. equip., \$5,000; val. bldgs., \$500; exp. dept., \$200; tot. mem., 13 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump dir.; 1 pump. eng.

CALEDONIA, p. 952; bldgs., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 h. & l. trk., 2 hose car., 1 hand pump; hose, linen, gd., 1,250 ft.; val. equip., \$1,500; val. bldgs., \$400; tot. mem., 60 vol.

Water Supply—Src., riv.; sys., pump to res. & dir.; res. cap., 200,000 gals.; pump. eng., cap. day 192,000 gals.; mains, 2-3 m., 4 in. dia.; 5 hyd.; 4 v.; pres., f. 65 to 70 lbs.; cost, \$10,500; cost mtce., \$2,500; wks. owned by Co.

CAMPBELLFORD, p. 3,500; f. area, 1,000 a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 aer. trk., 2 hose wag., 2 hose car.; f. al., elec., 4 bx.; val. equip., \$21,000; val. bldgs., \$4,000; exp. dept., \$900; tot. mem., 17 vol.

Water Supply—Src., riv., cent. of town; sys., pump dir.; mains, iron, 3½ m., 4 to 8 in. dia.; 30 hyd.; 200 serv.; pres., dom. 60 to 80 lbs., f. 80 lbs.; cons. day, 280,000 gals.; wks. owned by city.

CANNINGTON, p. 1,020; f. area, 468 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk., 1 to 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 eng., 1 h. & l. trk., 1 hose reel, 1 hose wag.; hose, gd., 600 ft.; val. equip., \$1,500; tot. mem., 40 vol.

Water Supply—Src., tk., on street corners; sys., pump dir.

CARLETON PLACE, p. 3,621; f. area, 1,100 a.; merc. bldgs., stn., bk. & veneer, 2 & 3 stor.; priv., stn., wd. & bk., 1½ & 2 stor.; galv. rfs.; fwks. ord. F. dept.—1 stn. eng., 2 c. ex., 6 hose car., 1 h. & l. trk.; hose, 5,200 ft.; inf., 300 ft.; tot. hose, 5,500 ft.; elec. al., 10 street bx.; val. equip., \$9,000; val. bldgs., \$35,000; exp. dept., \$800; tot. mem. 25, pd. part time 4; undrs. rating, fourth class.

Water Supply—Src., riv., wells, tk., cisterns & small res.; new system being installed.

CAYUGA, p. 900; f. area, 400 a.; merc. bldgs., stn., bk. & wd., 1½ & 2 stor.; priv., stn., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area. F. dept.—1 h. eng., 1 h. & l. trk., 1 hose reel; hose, cot., rub. lined, gd., 600 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$5,000; tot. mem., 35 vol.

Water Supply—Src., riv.

CHATHAM, p. 10,760; f. area, 1,600 a.; merc. bldgs., bk., 2 to 5 stor.; priv., bk. & wd., 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 4 c. hand ex., 1 h. & l. trk., 2 hose wag., 4 hrs.; hose, cot., rub. lined, 3,800 ft.; f. al., elec. bell & wh., 28 bx.; val. equip., \$15,000; val. bldgs., \$12,000; exp. dept., \$7,500; tot. mem. 15, pd. full time 5, pd. part time 10.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to res. & stdp.; stdp. cap., 200,000 gals.; dim., 20 x 105; mat., iron & stl.; res. cap., 8,500,000 gals., loc. at pump. station; 2 pump. eng., class dup. comp., cap. day 3,000,000 gals.; mains, c. l., 28 m., 2 to 12 in. dia.; 201 hyd.; 66 v.; met., 1,544; 2,402 serv.; pipe, galv. i. & lead; pres., dom. 40 lbs., f. 110 lbs.; cons. day,

1,000,000 gals.; cost, \$216,551; cost mtce., \$1,448; wks. owned by city.

CHESLEY, p. 1,734; f. area, $4\frac{1}{2}$ a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk., 2 stor.; wd. rfs. not perm.; no fwks. ord. F. dept.—1 stm. eng., 1 h. & 1 trk., 2 hose car.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 600 ft.; tot. hose, 2,400 ft.; f. al., bell; val. equip., \$5,500; val. bldgs., \$5,000; exp. dept., \$200; tot. mem., 75, pd. full time 3, vol. 72.

Water Supply—Src., wells & riv.

CHESTERVILLE, p. 900; f. area, 500 a.; merc. bldgs., bk., 2 stor.; priv., bk. & frame, 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 str., 2 hose wag.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 500 ft.; tot. hose, 2,300 ft.; val. equip., \$2,300; val. bldgs., \$1,200; exp. dept., \$60; vol.

Water Supply—Src., riv.; 1 pump. eng., cap. day 200,000 gals.; 1 hyd.; cost, \$4,500; wks. owned by village.

CHIPPEWA, p. 700; f. area, 300 a.; merc. bldgs., bk., 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 h. & 1 trk., 1 hand eng.; hose, gd., 400 ft.; f. al., bell; vol.

Water Supply—Src., riv., 300 ft. bus. cent.

CLARKSBURG, p. 600; f. area, 600 a. F. dept.—ladders, 1 hose reel, 500 ft. hose; tot. mem., 20 vol.

Water Supply—Src., riv.; pres., 60 lbs.

CLINTON, p. 2,254; merc. bldgs., bk., 2 stor.; priv., bk. & wd., $1\frac{1}{2}$ & 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 stm. eng., 1 hand eng. (priv. c. ex. in most all places of bus.), 1 h. & 1 trk., 3 hose car.; hose, rub., gd., 1,600 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$12,000 (part of town hall); exp. dept., \$792; tot. mem., 18, pd. part time 17.

Water Supply—Src., 2 artesian wells; sys., pump to stdp.; stdp. cap., 125,000 gals.; res. cap., 100,000 gals.; mains, 4 to 10 in. dia.; 56 hyd.; pumps, gas. & elec.; cost, \$65,000; wks. owned by city.

COBALT, p. 5,638; f. area, 1,000 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & 1 trk., 6 c. hand ex., 1 hose wag., 4 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; inf., 500 ft.; tot. hose, 5,500 ft.; f. al., Gamewell, 11 bx.; val. equip., \$16,000; exp. dept., \$7,500; tot. mem., 36, pd. full time 4, vol. 32.

Water Supply—Not reported.

COBOURG, p. 5,074; f. area, 2,417 a.; merc. & priv. bldgs., bk., 2 & 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 2,300 ft.; inf., 500 ft.; tot. hose, 2,800 ft.; f. al., bell & tel., 15 bx.; val. equip., \$5,000; val. bldgs., \$8,000; exp. dept., \$4,356; tot. mem., 15, pd. full time 5, pd. part time 10.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump dir.; 7 pump. eng., class comp. dup. & turbine, cap. day, 5,000,000 gals.; mains, c. i., 8 m., 4 to 12 in. dia.; 90 hyd.; 50 v.; met., 200; 1,000 serv.; pipe, galv. i.; pres., dom. 80 lbs., f. 100 lbs.; cons. day, 100,000 gals.; cost, \$200,000; wks. owned by Co.

COCHRANE, p. 1,715 F. dept.—Not reported.

Water Supply—Src., Norman Lake, $\frac{1}{2}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; dim., 22 x 29; mat., stl. & conc.; res. cap., 120,000,000 gals.; 3 pump. eng., cap. day 1,400,000 gals.; mains, c. i., $1\frac{1}{2}$ m., 4 to 10 in. dia.; 30 hyd.; 58 v.; pipe, galv. i.; pres., dom. 55 lbs., f. 130 lbs.; cost, \$65,000; wks. owned by city.

COLBORNE, p. 999; f. area, 75 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 hose car.; hose, cot., rub. lined, gd., 300 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$3,000; exp. dept., \$50; tot. mem., 25 vol.

Water Supply—Src., wells, cent. of bus. district; sys., pump dir.

COLLINGWOOD, p. 7,090; bldgs., bk., 2 & 3 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 stm. eng., 4 c. hand ex., 1 c. eng., 1 h. & 1 trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 3,200 ft.; f. al., elec., 18 bx.; val. equip., \$20,000; val. bldgs., \$16,000; exp. dept., \$8,000; tot. mem., 15, pd. full time 5, pd. part time 10.

Water Supply—Src., bay, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., cap. day, 2,000,000 gals.; mains, c. i., 15 m., 1 to 10 in. dia.; 91 hyd.; 3 met.; 1,752 serv.; pipe, galv. i. & lead; pres., dom. 40 lbs., f. 125 lbs.; cons. day, 850,000 gals.; cost, \$85,000; cost mtce., \$5,800; wks. owned by city.

COPPER CLIFF, p. 3,000; f. area, 1,600 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 20 hand ex., 2 ser. ladders, 3 hose reels; hose, gd., 1,300 ft.; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$1,000; tot. mem., 30 vol.

Water Supply—Src., lake, $\frac{1}{2}$ m. bus. cent.; sys., grav.; mains, iron, $2\frac{1}{4}$ m., 5 to 16 in. dia.; pres., dom. 85 lbs., f. 150 lbs.; wks. owned by Co.

CORNWALL, p. 6,598; f. area, 750 a.; merc. bldgs., bk., $2\frac{1}{2}$ & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. ord. F. dept.—1 stm. eng., 2 c. ex., 1 h. & 1 trk., 4 hose car., 1 hose wag., 2 hrs.; siamese couplings used; hose, cot., gd., 4,500 ft.; inf., 300 ft.; tot. hose, 4,700 ft.; storage battery al., 10 st. bx.; mills have improved stm. f. pumps, hose & sprinklers, also org. company; val. equip., \$20,000; val. bldgs., \$3,000; exp. dept., \$10,000; tot. mem., 22, pd. full time 7, vol. 15.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 300,000 gals.; res. cap., 3,000,000 gals.; 3 pump. eng., cap. day 3,500,000 gals.; mains, iron, $26\frac{1}{4}$ m., 2 to 14 in. dia.; 102 hyd.; 108 v.; met., 20; 1,200 serv.; pres., dom. 60 lbs., f. 60 to 115 lbs.; cost, \$180,000; cost mtce., \$3,750; wks. owned by city.

CREDITON, p. 550; f. area, 200 a. F. dept.—1 hand eng., 1 hose reel, 500 ft. hose.

Water Supply—Src., tanks.

CREEMORE, p. 600; f. area, 500 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & frame, 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hose reel; hose, gd., 1,000 ft.; f. al., bell; tot. mem., 10 vol.

Water Supply—Src., wells, 3 m. bus. cent.; sys., grav.; res. cap., 80,000 gals.; mains, iron, 3 m., 4 to 6 in. dia.; 12 hyd.; cost, \$20,000; wks. owned by city.

DELMH, p. 825; f. area, 500 a.; merc. bldgs., bk., 2 stor.; priv., frame, $1\frac{1}{2}$ stor.; wd. rfs. perm. in f. area. F. dept.—1 h. & 1 trk., 1 hand eng.; hose, gd., 850 ft.; f. al., bell; val. equip., \$400; exp. dept., \$100; tot. mem., 20 vol.

Water Supply—Src., tk., 150 ft. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 20,000 gals.

DESERONTO, p. 2,013; bldgs., stm., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—2 ex. ladders, axes, &c., 1 stm. eng., 4 c. eng., 5 hose car., 1 h. & 1 trk.; hose, 5,250 ft.; val. equip., \$8,500; elec. al., 18 st. bx.; exp. dept., \$750; tot. mem., 21 vol.; undrs. rating, fourth class.

Water Supply—Src., bay, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 70,000 gals.; dim., 20 x 35; mat., wrt. i.; cap. plant 416,500 gals.; pump. eng., cap. day 2,592,000 gals.; 1 pump. eng., cap. 72,000 gals. day; mains, c. i., 3 m., 4 to 10 in. dia.; 58 hyd.; 13 v.; 340 serv.; pipe, galv. i.; pres., dom. 75 lbs., f. 75 to 190 lbs.; cons. day, 300,000 gals.; cost, \$37,000; cost mtce., \$2,000; wks. owned by town.

DRAYTON, p. 706; f. area, 14 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—Priv. c. hand ex.; f. al., bell.

Water Supply—Src., wells & riv., 50 yds. bus. cent.; sys., pump dir.

DRESDEN, p. 1,551; f. area, 650 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 stm. eng., 2 hose car.; hose, rub., gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; bell al.; val. equip., \$6,000; val. bldgs., \$3,000; exp. dept., \$1,000; tot. mem., 16 vol.; undrs. rating, fourth class.

Water Supply—Src., riv. & wells, 600 ft. bus. cent.; sys., pump dir.; 36 hyd.; 2 pump. eng., cap. 1,000,000 gals.; high pres. water sys. installed.

DRYDEN, p. 653; f. area, 700 a.; merc. bldgs., frame, 2 stor.; priv., frame, 2 stor.; wd. rfs. perm. in f. area. F. dept.—2 c. hand ex., 1 c. eng.;

hose, gd., 200 ft.; val. equip., \$900; val. bldgs., \$100; tot. mem., 25 vol.

Water Supply—Src., wells & riv., $\frac{1}{4}$ m. bus. cent.

DUNDALK, p. 800; f. area, 450 a.; merc. bldgs., bk. & frame, 2 stor.; priv., bk. & frame, 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., aer. trk., 2 hose reels, 1 hose wag.; hose, gd., 250 ft.; f. al., bell; val. equip., \$800; exp. dept., \$20; vol. Water Supply—Src., wells.

DUNDAS, p. 4,299; f. area, 250 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfs. perm.; fwks. ord. F. dept.—6 c. ex., 1 h. & l. trk., 2 hose wag., 3 hrs.; hose, cot., rub. lined, gd., 2,950 ft.; rub., gd., 400 ft.; tot. hose, 3,350 ft.; elec. bell & telg. al., 12 bx.; val. equip., \$4,500; val. bldgs., \$3,500; exp. dept., \$500; tot. mem., 20, pd. part time.

Water Supply—Src., spr.; sys. grav.; res. cap., 1,250,000 gals.; mains, 6 m., 6 to 12 in. dia.; 64 hyd.; 265 serv.; pres., f. 75 to 110 lbs.; cost, \$65,475; cost mtce., \$2,000; wks. owned by town.

DUNNVILLE, p. 2,861; f. area, 1,000 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 c. hand eng., 1 h. & l. trk., 1 hose wag., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., bell & wh.; val. equip., \$5,000; val. bldgs., \$2,500; exp. dept., \$1,000; tot. mem., 42 vol.; undrs. rating, third class.

Water Supply—Src., riv., in bus. cent.; sys., pump dir. & to stdp.; stdp. cap., 100,000 gals.; mat., wd.; res. cap., 1,000,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 60 hyd.; 18 v.; 200 serv.; pipe, lead; pres., dom. 30 lbs., f. 100 lbs.; cost, \$40,000; cost mtce., \$1,000; wks. owned by town.

DURHAM, p. 1,581; f. area, 400 a.; merc. bldgs., bk., $1\frac{1}{2}$, 2 & 3 stor.; priv., wd. & bk., $1\frac{1}{2}$ & 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 stn. eng., 2 hose car., 1 h. & l. trk., 15 c. ex., ropes, axes & buckets; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 200 ft.; tot. hose, 1,200 ft.; bell al.; val. equip., \$4,500; val. bldgs., \$1,200; exp. dept., \$100; tot. mem., 24, pd. part time 4, vol. 20.

Water Supply—Src., spr. & well, $\frac{1}{2}$ & 1 m. bus. cent.; sys., grav. to res.; res. cap., 5,000 gals.; mains, 4 m.; 100 serv.; pres., dom. 30 lbs., f. 80 lbs.; cost, \$9,000; cost mtce., \$500; wks. owned by priv. Co.

DUTTON, p. 934; f. area, 500 a.; merc. bldgs., bk., 2 stor.; priv., bk. & frame, 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose reel; hose, gd., 500 ft.; inf., 200 ft.; tot. hose, 700 ft.; f. al., bell; val. equip., \$1,500; vol.

Water Supply—Src., well; sys., pump dir.; 1 gas. pump. eng.

EGANVILLE, p. 1,176; f. area, 310 a.; merc. bldgs., bk., 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. str., 1 h. & l. trk., 1 hose wag., 1 hose reel; hose, gd., 1,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$1,500; exp. dept., \$130; tot. mem., 32 vol.

Water Supply—Src., riv., 200 ft. bus. cent.; sys., pump dir.; 1 pump. eng., cap. day 200,000 gals.; wks. owned by city.

ELMIRA, p. 1,782; f. area, 500 a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk., $1\frac{1}{2}$ to 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$3,000; exp. dept., \$300; tot. mem., 18 vol.

Water Supply—Src., wells & f. cisterns, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; res. cap., 75,000 gals.; 1 pump. eng.; mains, c. l., $3\frac{1}{2}$ m., 4 to 8 in. dia.; 38 hyd.; 30 met.; 150 serv.; pres., dom. 65 lbs., f. 115 lbs.; cons. day, 70,000 gals.; cost, \$30,000; cost mtce., \$4,500; wks. owned by city.

ELMVALE, p. 650; f. area, 550 a. F. dept.—1 hand eng., 200 ft. hose. No waterwks.

ELORA, p. 1,197; f. area, 300 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., bk., $1\frac{1}{2}$ & 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 stn. eng., 1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,700 ft.; bell al.; val.

equip., \$3,000; val. bldgs., \$3,000; tot. mem., 21, pd. full time 16, vol. 5; undrs. rating, fifth class.

Water Supply—Src., wells, riv. & tk.

EMBRO, p. 500; f. area, 1,200 a. F. dept.—bucket brigade, 500 pails.

Water Supply—Src., wells.

ENGLEHART, p. 649; f. area, 584 a.; merc. bldgs., frame, 2 stor.; priv., frame, 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 stn., 1 hose wag., 1 hose reel; hose, gd., 1,000 ft.; f. al., bell; val. equip., \$3,575; val. bldgs., \$250; exp. dept., \$200; tot. mem., 15 vol.

Water Supply—Src., well, 165 ft. bus. cent.; sys., pump dir.; 1 pump. eng.

ESSEX, p. 1,358; merc. bldgs., bk. with metal rfs., 2 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. limits; fwks. ord.; causes of f. inv. F. dept.—2 hose car.; hose, cot., gd., 1,000 ft.; wh. & bell al.; exp. dept., \$800; tot. mem., 50, pd. part time 10, vol. 40.

Water Supply—Src., wells, in bus. cent.; sys., pump to res.; res. cap., 136,000,000 gals.; pump. eng., cap. day 100,000 gals.; mains, c. l., $6\frac{1}{2}$ m., 4 to 10 in. dia.; 37 hyd.; 9 v.; 350 serv.; pipe, lead & galv. i.; pres., dom. 80 lbs., f. 90 lbs.; cost, \$35,000; cost mtce., \$2,000; wks. owned by town.

EXETER, p. 1,555; f. area, 30 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. eng., 2 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 500 ft.; tot. hose, 1,000 ft.; f. al., bell & wh.; val. equip., \$6,000; val. bldgs., \$5,500; exp. dept., \$240; tot. mem., 30 vol.

Water Supply—Src., riv., cent. of town; sys., pump dir.; res. cap., 40,000 gals.; 1 pump. eng., cap. 500 gals. min.; mains, c. l., $1\frac{1}{4}$ m., 1 to 4 in. dia.; 13 hyd.; 6 serv.; cost, \$22,000; wks. owned by city.

FENELON FALLS, p. 1,053; bldgs., wd. & bk., $1\frac{1}{2}$ & 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—2 hand eng., 1 large & 1 small, 2 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., gd., 200 ft.; rub., gd., 750 ft.; tot. hose, 950 ft.; val. equip., \$1,228; val. bldgs., \$75; exp. dept., \$388.

Water Supply—Src., spr.; res. cap., 1,000 bbls.; 40 hyd.; 60 serv.; pipe, 5 m., 2 in. dia.; cost, \$3,500; wks. owned by individual.

FERGUS, p. 1,534; f. area, 5 a.; merc. bldgs., stn., 2 & 3 stor.; priv., stn. & bk., 2 stor.; wd. rfs. perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 1 ex. ladder, 2 hose car.; hose, cot., rub. lined, gd., 1,300 ft.; rub., gd., 300 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$1,000; exp. dept., \$275; tot. mem., 12, pd. full time.

Water Supply—Src., artesian wells, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp.; stdp. cap., 60,000 gals., dim. 22 x 24, mat. stl.; res. cap., 90,000 gals.; 1 pump. eng., cap. day, 576,000 gals.; mains, c. l., 4 m., 6 to 8 in. dia.; 26 hyd.; 30 v.; 2 met.; 110 serv.; pipe, galv. l.; pres., dom. & f. 70 lbs.; cons. day, 30,000 gals.; cost, \$36,000; wks. owned by village.

FOREST, p. 1,445; f. area, 25 a.; merc. bldgs., bk. & stn., 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm.; shingles laid on asbestos. F. dept.—1 stn. eng., 1 h. & l. trk., 2 hose car.; hose, cot., gd., 1,800 ft.; bell al.; val. equip., \$6,000; val. bldgs., \$5,000; exp. dept., \$600; tot. mem., 30, pd. full time 5, vol. 25.

Water Supply—Src., 7 tk., R. R. res.

FORT ERIE, p. 1,400; f. area, 700 a.; merc. bldgs., frame, 2 stor.; priv., frame, 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 6 c. hand ex., 1 hose wag.; hose, gd., 500 ft.; f. al., telg.; val. equip., \$1,000; exp. dept., \$500; tot. mem., 20 vol.

Water Supply—Src., Lake Erie, $\frac{1}{4}$ m. bus. cent.; sys., grav.; stdp. cap., 113,000 gals.; 2 pump. eng., cap. day 183,600 gals.; mains, c. l., 9 m., 4 to 10 in. dia.; 82 hyd.; 400 serv.; pres., dom. 65 lbs., f. 125 lbs.; cons. day, 170,000 gals.; cost, \$51,000; cost mtce., \$1,000; wks. owned by village.

FORT FRANCES, p. 2,250; f. area, 775 a.; merc. bldgs., bk. & frame, 1 to 4 stor.; priv., frame, 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str.,

1 ex. ladder, 4 c. hand ex., 3 hose reels; hose, gd., 2,300 ft.; inf., 700 ft.; tot. hose, 3,000 ft.; f. al., bell, telp.; tot. mem. 21, pd. part time 1, vol. 20.
 Water Supply—Src., lake & riv., 2 m. bus. cent.; ays., grav.; res. cap., 100,000 gals.; 2 pump. eng.; mains, c. i., 4 1/2 m., 6 to 10 in. dia.; 89 hyd.; 185 serv.; pres., dom. 50 lbs., f. 100 lbs.; cost, \$67,000; cost mtce., \$1,850; wks. owned by city.

FORT WILLIAM, p. 16,499; f. area, 3 m. by 1/2 m.; merc. bldgs., bk., stn. & cem., 1 to 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 str., 1 auto. comb. c. & h. wag., 1 comb. c. & h. wag., 2 h. & l. trk., 2 hose wag., 2 hose reels, 1 chief's buggy, 2 hose sleighs; hose, cot., rub. lined, gd., 5,500 ft.; rub., gd., 2,000 ft.; inf., 1,000 ft.; tot. hose, 8,500 ft.; f. al., Gamewell, 40 bx.; val. equip., \$28,000; val. bldgs., \$41,000; exp. dept., \$22,360; tot. mem. 32, pd. full time 20, pd. part time 12.

Water Supply—Src., lake, 8 m. bus. cent.; ays., grav.; res. cap., 800,000 gals.; mat. conc.; mains, c. i., 41 m., 4 to 8 in. dia.; 325 hyd.; 4,238 serv.; pipe, lead; pres., dom. 110 lbs., f. 125 lbs.; cons. day, 3,500,000 gals.; cost, \$600,000; cost mtce., \$22,000; wks. owned by city.

GALT, p. 10,299; f. area, 2,000 a.; merc. bldgs., stn. & bk., 3 to 5 stor.; priv., stn. & bk., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; inf., 1,500 ft.; tot. hose, 5,500 ft.; f. al., elec. bell; val. equip., \$7,000; val. bldgs., \$5,000; exp. dept., \$2,500; tot. mem. 20, pd. full time 2, pd. part time 10, 8 vol.

Water Supply—Src., wells, 1 m. bus. cent.; ays., pump to stdp.; stdp. cap., 220,000 gals.; dim., 30 x 52, loc. 1 m. town; mat., stl.; res. cap., 150,000 gals.; 2 pump. eng., cap. day, 5,000,000 gals.; mains, c. i., 37 m., 4 to 18 in. dia.; 190 hyd.; 157 v.; met., 400; 2,900 serv.; pipe, lead & galv. i.; pres., dom. 100 lbs., f. 120 lbs.; cons. day, 1,000,000 gals.; cost, \$282,000; cost mtce., \$8,000; wks. owned by city.

GANANOQUE, p. 3,804; f. area, 500 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk., 2 1/2 stor.; wd. rfs. perm. F. dept.—1 hand eng., 5 hose reels; hose, gd., 1,600 ft.; elec. al., 13 st. bx.; val. equip., \$7,000; val. bldgs., \$2,000; exp. dept., \$680; tot. mem. 21, pd. part time; undrs. rating, third class.

Water Supply—Src., riv., 3/4 m. bus. cent.; ays., pump dir.; stdp. cap., 157,000 gals.; dim. 20 x 80, mat., stl.; 2 pump. eng., cap. day, 2,500,000 gals.; mains, 5 1/2 m., 4 to 8 in. dia.; 70 hyd.; 52 v.; 500 met.; pres., dom. 40 lbs., f. 115 lbs.; cons. day, 151,200 gals.; cost, \$155,000; cost mtce., \$2,550; wks. owned by town.

GEORGETOWN, p. 1,853; f. area, 300 a.; merc. bldgs., stn., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; fwks. ord. F. dept.—2 c. ex., 1 h. & l. trk., 2 hose car., 1 hose sleigh; hose, cot., gd., 1,800 ft.; rub., inf., 200 ft.; tot. hose, 2,000 ft.; bell al.; val. equip., \$2,700; val. bldgs., \$6,000; tot. mem., 33 vol.; undrs. rating, fourth class.

Water Supply—Src., spr.; ays., grav.; mains, iron, 7 m., 4 to 10 in. dia.; 33 hyd.; 26 v.; 275 serv.; pres., f. 90 lbs.; cost, \$42,500; wks. owned by city.

GLENCOE, p. 841; f. area, 200 a.; bldgs., bk. & wd., 1 1/2 to 3 stor.; wd. rfs. not perm. F. dept.—1 hand eng., 1 c. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 700 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$400; exp. dept., \$100; tot. mem. 25, pd. full time 1, vol. 24.

Water Supply—Src., wells & tk., in bus. cent. GODERICH, p. 4,522; f. area, 1 1/2 m.; merc. bldgs., bk. & stn., 2 1/2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; rfs. shingles, laid in mortar, gravel & plastic slate; no fwks. ord. F. dept.—1 stn. eng., 1 h. & l. trk., 3 hose car., 1 hose wag.; slamese couplings used; hose, cot., gd., 1,500 ft.; inf., 300 ft.; tot. hose, 1,800 ft.; bell & elec. al.; 2 hrs. val. equip., \$6,200; val. bldgs., \$1,500; exp. dept., \$300; tot. mem. 14, pd. full time 12, pd. part time 2; undrs. rating, third class.

Water Supply—Src., Lake Huron, 1/2 m. bus. cent.; ays., pump to stdp.; stdp. cap., 125,000 gals.; 2 pump. eng., cap. day, 2,000,000 gals.;

mains, c. i., 12 m., 4 to 10 in. dia.; 64 hyd.; 30 v.; 1,200 serv.; pipe, lead; pres., dom. 90 lbs., f. 145 lbs.; cost, \$84,000; cost mtce., \$5,000; wks. owned by city.

GORE BAY, p. 750; f. area, 200 a.; merc. bldgs., cem., 2 stor.; priv., frame, 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hose wag.; hose, gd., 500 ft.; inf., 250 ft.; tot. hose, 750 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 2 vol.

Water Supply—Src., lake, 500 ft. bus. cent.; ays., pump dir.; 1 pump. eng.

GRAND VALLEY, p. 759; f. area, 360 a.; merc. bldgs., bk., 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., aer. trk., 1 hose wag., 1 hose reel; hose, gd., 1,000 ft.; f. al., bell; val. equip., \$750; vol.

Water Supply—Src., riv., 100 yards bus. cent.; ays., pump dir.; 1 pump. eng.

GRAVENHURST, p. 1,624; f. area, 20 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1 1/2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 700 ft.; tot. hose, 2,200 ft.; f. al., bell; val. equip., \$4,160; val. bldgs., \$3,200; exp. dept., \$500; tot. mem., 16, pd. part time.

Water Supply—Src., lake, 350 yards bus. cent.; ays., pump dir.; 2 pump. eng., cap. 100,000 gals.; mains, c. i., 3 m., 4 to 10 in. dia.; 38 hyd.; pres., dom. 80 lbs., f. 120 lbs.; cost, \$28,000; wks. owned by city.

GRIMSBY, p. 1,669; f. area, 700 a.; bldgs., bk. & wd., 1 1/2 to 2 stor.; wd. rfs. not perm. in f. area; no fwks. ord. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose reels, 1 hose wag.; hose, 1,000 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$2,000; tot. mem. 11, pd. part time.

Water Supply—Src., lake, 1 m. bus. cent.; ays., pump to res.; 2 pump. eng., cap. day 200,000 gals.; 40 hyd.; pres., f. 110 lbs.

GUELPH, p. 15,175; f. area, 2,800 a.; bldgs., stn., 2 to 5 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—6 c. ex., 1 h. & l. trk., 2 hose car., 1 hose wag., 1 chief's buggy, 5 hrs.; hose, cot., gd., 2,500 ft.; inf., 1,900 ft.; tot. hose, 4,400 ft.; f. al., bell & telp.; val. equip., \$6,500; val. bldgs., \$3,000; exp. dept., \$3,000; tot. mem. 11, pd. full time; undrs. rating, first class.

Water Supply—Src., spr., 4 m. bus. cent.; ays., grav., pump to stdp. & dir.; stdp. cap., 500,000 gals.; res. cap., 800,000 gals.; 6 pump. eng., cap. day 3,000,000 gals.; mains, c. i., 3 m., 3 to 12 in. dia.; 170 hyd.; 82 v.; 42 met.; 3,650 serv.; pipe, lead & galv. i.; pres., dom. 40 to 80 lbs., f. 100 to 145 lbs.; cons. day, 1,800,000 gals.; cost, \$170,000; cost mtce., \$3,500; wks. owned by city.

HAGERSVILLE, p. 1,050; f. area, 350 a.; merc. bldgs., bk., 1 to 3 stor.; priv., frame, 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 6 c. hand ex., 1 hose wag.; f. al., wh.; val. equip., \$800; val. bldgs., \$500; vol.

Water Supply—Src., wells.

HAILEYBURY, p. 3,500; f. area, 768 a.; merc. bldgs., bk. & frame, 2 to 4 stor.; priv., bk. & frame, 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. hand ex., 2 hose wag., 1 hose car.; hose, gd., 2,100 ft.; inf., 400 ft.; tot. hose, 2,500 ft.; val. equip., \$12,500; val. bldgs., \$4,000; exp. dept., \$5,000; tot. mem. 13, pd. full time 3, 15 vol.

Water Supply—Src., lake; ays., grav.; res. cap., 215,400 gals.; 2 pump. eng., cap. day 1,080,000 gals.; mains, c. i., 6 m., 4 to 10 in. dia.; 52 hyd.; 350 serv.; pres., dom. 75 lbs., f. 138 lbs.; cost, \$134,000; cost mtce., \$4,000; wks. owned by city.

HAMILTON, p. 81,879; f. area, 6,558 a.; merc. bldgs., stn. & bk., 2 to 10 stor.; priv., stn., bk., wd. & conc., 1 to 3 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 12 c. hand ex., 1 chief's auto., 4 comb. c. & h. wag., 2 h. & l. trk., 3 hose wag., 1 auto. comb. c. & h. wag., 2 supply wag., 1 buggy, 28 hrs. (in reserve, 2 hose wag., 1 h. & l. trk., 1 supply wag., 1 buggy, 9 sets of sleighs, 1 cutter,

1,150 ft. hose); hose, cot., rub. lined, gd., 16,000 ft.; c. hose, 1,050 ft.; tot. hose, 17,050 ft.; f. al., elec., 66 bx.; val. equip., \$60,000; val. bldgs., \$70,000; exp. dept., \$70,098; tot. mem. 88, pd. full time.

Water Supply—Src., lake, 5 m. bus. cent.; sys., pump to res. & dir.; res. cap., 18,500,000 gals.; 6 pump. eng., cap. day 26,500,000 gals.; mains, c. i., 177 m., 4 to 36 in. dia.; 1,654 hyd.; 1,192 v.; 496 met.; 24,008 serv.; pipe, lead; pres., dom. 70 lbs.; f. 70 lbs.; cons. day, 9,500,000 gals.; cost, \$3,466,000; cost mtce., \$77,000; wks. owned by city.

HANOVER, p. 2,523; f. area, 520 a.; merc. bldgs., bk., 2 stor.; priv., bk., 1 & 2 stor.; wd. rfa. perm. in f. area. F. dept.—2 hose wag., 2 hose reels; hose, gd., 1,000 ft.; f. al., bell; val. equip., \$1,175; tot. mem. 16 vol.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; 2 pump. eng., mains, c. i., 7 m., 4 to 10 in. dia.; 36 hyd.; pres., dom. 40 to 60 lbs.; f. 110 lbs.; cost, \$26,500; wks. owned by city.

HARRISON, p. 1,491; bldgs., wd. & bk., 1 to 3 stor.; f. shingle & iron. F. dept.—1 str., 2 hose car., 1 h. & l. trk.; hose, cot., gd., 1,500 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$2,000; exp. dept., \$900; tot. mem. 18 vol.

Water Supply—Src., riv. & tk. In case of f. atm. eng. used to force water from riv.

HASTINGS, p. 757; f. area, 557 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk., 2 stor.; wd. rfa. perm. in f. area. F. dept.—1 str., 1 h. & l. trk., 2 c. hand ex., 1 ex. ladder, 1 hose wag., 2 hose reels; hose, gd., 1,250 ft.; f. al., bell; val. equip., \$7,500; val. bldgs., \$1,500; exp. dept., \$700; tot. mem. 20, pd. part time 2, vol. 18.

Water Supply—Src., riv., 50 ft. bus. cent.; sys., pump dir.; 2 pump. eng., cap. min. 500 gals.; pres., f. 240 lbs.

HAWKESBURY, p. 4,500; f. area, 1,704 a. F. dept.—3 hose reels, 2 hrs., 2,000 ft. hose; tot. mem., 9 pd.

Water Supply—Src., riv.; pump cap. day, 1,000,000 gals.

HENSALL, p. 832; f. area, 490 a.; merc. bldgs., bk., 2 stor.; priv., bk., 2 stor.; wd. rfa. not perm. in f. area. F. dept.—1 hand eng., 1 hose wag., 1 hose reel; hose, gd., 200 ft.; f. al., bell; val. equip., \$350; val. bldgs., \$2,000; tot. mem., 11 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump dir.; res. cap., 4,000 gals.; 1 pump. eng.; cost, \$800; cost mtce., \$50; wks. owned by corpn.

HEPWORTH, p. 400; f. area, 718 a.; merc. bldgs., bk., 2 stor.; priv., frame, 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord. F. dept.—24 f. pails, 1 hand eng.; hose, gd., 800 ft.; f. al., bell; tot. mem., 20 vol.

Water Supply—Src., wells.

HESPELER, p. 2,600; f. area, 600 a.; merc. bldgs., bk. & stu., 1 to 3 stor.; priv., plaster & bk., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 c. hand ex., 2 hose reels; hose, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., elec., 12 bx.; exp. dept., \$1,000; tot. mem., 40 vol.

Water Supply—Src., riv., 200 ft. bus. cent.; sys., pump dir.; 2 pump. eng., cap. min. 500 gals.; mains, c. i., $1\frac{1}{2}$ m., 6 to 12 in. dia.; 16 hyd.

HUNTSVILLE, p. 2,358; f. area, 500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 12,000 ft.; f. al., bell; val. equip., \$1,000; val. bldgs., \$500; exp. dept., \$200; tot. mem., 15 vol.

Water Supply—Src., bay; sys., pump to res.; res. cap., 700,000 gals.; pump. eng., cap. day 720,000 gals.; mains, $3\frac{1}{2}$ m.; 23 hyd.; 475 serv.; pres., dom. & f. 95 lbs.; cost, \$35,000; wks. owned by city.

INGERSOLL, p. 4,768; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk., 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; f. al., telp.; val. equip., \$7,000; tot. mem. 16, pd. full time 4, vol. 12; undrs. rating, second class.

Water Supply—Src., spr., 4 m. bus. cent.; sys.,

pump to stdp. & dir.; stdp. cap., 165,000 gals.; dim., 110 x 16, loc. in town; mat., stl.; 2 pump. eng., class elec. & comp. dup., cap. day 1,750,000 gals.; mains, c. i., $9\frac{1}{4}$ m., 4 to 12 in. dia.; 72 hyd.; 27 v.; met., 250; 900 serv.; pipe, iron; pres., dom. 45 to 68 lbs., f. 60 to 100 lbs.; cons. day, 315,000 gals.; wks. owned by Co.

IROQUOIS, p. 1,200; f. area, 20 a.; bldgs., bk., stn. & wd., 2 & 3 stor.; wd. rfa. perm.; fwks. ord. F. dept.—2 c. ex., 1 h. & l. trk., 2 hose car.; hose, cot., gd., 800 ft.; rub., gd., 800 ft.; linen, gd., 300 ft.; tot. hose, 1,400 ft.; f. al., bell; 1 hra.; val. equip., \$1,000; val. bldgs., \$3,500; exp. dept., \$150; tot. mem. 15, pd. part time; vol.

Water Supply—Src., riv., 80 rods bus. cent.; sys., pump dir.; res. cap., 60,000 gals.; pump. eng., cap. day 500,000 gals.; mains, c. i., 2 m., 5 to 8 in. dia.; 15 hyd.; 6 v.; 120 serv.; pipe, lead; pres., dom. 45 lbs., f. 80 lbs.; cost, \$24,000; cost mtce., \$1,800; wks. owned by Co.

JARVIS, p. 700; f. area, 274 a. F. dept.—1 hand eng., ladders, pails; tot. mem., 25 vol.

Water Supply—Src., wells.

KEARNEY, p. 369; f. area, 450 a.; merc. bldgs., bk. & frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfa. perm. in f. area. F. dept.—1 c. hand ex., 1 hose reel, 1 hose wag.; hose, gd., 650 ft.; f. al., bell; val. equip., \$750; tot. mem., 20 vol.

Water Supply—Src., lake & riv., 200 ft. bus. cent.; sys., pump dir.; 1 pump. eng.

KEEWATIN, p. 1,250; f. area, 2 sq. m.; merc. bldgs., frame, 1 to 3 stor.; priv., frame, 2 stor.; wd. rfa. perm. in f. area; causes of f. inv. F. dept.—24 f. pails, 12 c. hand ex., 1 ex. ladder; hose, gd., 1,500 ft.; inf., 250 ft.; tot. hose, 1,750 ft.; f. al., bell; val. equip., \$3,000; tot. mem., 20 vol.

Water Supply—Src., lake, 500 ft. bus. cent.; sys., pump dir.; 1 pump. eng.

KEMPTVILLE, p. 1,192; f. area, 200 a.; merc. bldgs., bk. & stn., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm.; fwks. ord. F. dept.—1 atm. eng., 2 hose car.; siamese couplings used; automatic eng. heaters; hose, cot., gd., 2,200 ft.; inf., 500 ft.; tot. hose, 2,700 ft.; bell al.; 2 hrs.; val. equip., \$8,500; val. bldgs., \$3,500; exp. dept., \$375; tot. mem., 30 vol.

Water Supply—Src., riv.

KENORA, p. 6,153; f. area, $\frac{1}{2}$ sq. m.; merc. bldgs., bk., stn. & lumber, 2 stor.; priv., wd., $1\frac{1}{2}$ & 2 stor.; wd. rfa. perm.; fwks. ord.; f. inv. F. dept.—1 atm. eng., 1 hand eng., $\frac{1}{2}$ dozen ladders, 3 hose car., all kinds, other apparatus, 1 railing pump & 1 atm. if required; hose, rub., gd., 3,500 ft.; cot., gd., 50 ft.; inf., 300 ft.; tot. hose, 3,550 ft.; f. al., elec. bell, 7 st. bx.; 4 hrs.; val. equip., \$1,000; val. bldgs., \$5,000; exp. dept., \$1,788; tot. mem. 30, pd. full time 1, pd. part time 1, vol. 28.

Water Supply—Src., lake, $\frac{1}{4}$ m. bus. cent.; sys., pump dir.; 4 pump. eng., class trip., cap. day 6,480,000 gals.; mains, c. i., 8 m., 4 to 12 in. dia.; 54 hyd.; 4 met.; 825 serv.; pipe, lead & galv. i.; pres., dom. 70 lbs., f. 140 lbs.; cons. day, 800,000 gals.; cost, \$225,000; cost mtce., \$15,415; wks. owned by town.

KINCARDINE, p. 1,956; f. area, 100 a.; merc. bldgs., bk. & stn., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 3 hose car.; hose, rub., gd., 1,500 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$182; tot. mem., 27 vol.

Water Supply—Src., lake, $\frac{1}{4}$ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 157,500 gals.; res. cap., 46,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., $5\frac{1}{2}$ m., 4 to 10 in. dia.; 34 hyd.; 23 v.; met., 10; 400 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 100 to 110 lbs.; cons. day, 120,000 gals.; cost, \$49,500; cost mtce., \$4,450; wks. owned by town.

KINGSTON, p. 18,374; f. area, 1,920 a.; merc. bldgs., stn., $2\frac{1}{2}$ to 3 stor.; priv., stn. & bk., 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 comb. c. & h. wag., 7 c. hand ex., 2 h. & l. trk., 4 hose wag., 9 hrs.; hose, cot., rub. lined, gd., 4,500 ft.; f. al., elec., 34 bx.; val. equip., \$30,000; val. bldgs., \$40,000; exp. dept., \$14,414; tot. mem. 14, pd. full time.

Water Supply—Src., lake, 1-3 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 750,000 gals.; dim., 80 x 40; mat., stl.; 3 pump. eng., cap. day 13,000,000 gals.; mains, c. l., 34 m., 4 to 16 in. dia.; 260 hyd.; 60 met.; 3,425 serv.; pipe, lead; pres., dom. 40 to 80 lbs., f. 40 to 80 lbs.; cons. day, 2,450,000 gals.; cost, \$310,000; cost mtce., \$13,000; wks. owned by city.

KINGSVILLE, p. 1,427; f. area, 600 a.; merc. bldgs., bk., 1 to 8 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 1 comb. c. & h. wag., 1 h. & l. trk., 5 hose car.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$500; tot. mem., 11 vol.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump to stdp. & dir.; dim., 16 x 29; 2 pump. eng., cap. day 1,000,000 gals.; mains, c. l., 4½ m., 4 to 8 in. dia.; 32 hyd.; 1 met.; 297 serv.; pipe, galv. i.; pres., dom. 56 lbs., f. 110 lbs.; cons. day, 35,600 gals.; cost, \$30,000; cost mtce., \$1,500; wks. owned by town.

LAKEFIELD, p. 1,397; f. area, 500 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area. F. dept.—4 c. hand ex., 1 str., 2 hand eng., 1 h. & l. trk., 2 hose car., 1 hose wag.; hose, rub., 400 ft.; cot., 600 ft.; lined, 60 ft.; tot. hose, 1,040 ft.; f. al., bell; val. equip., \$3,600; val. bldgs., \$4,000; exp. dept., \$100; tot. mem. 18, pd. full time.

Water Supply—Src., wells, riv. & lake, 150 yds. bus. cent.; sys., pump dir.

LANARK, p. 707; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 str., 1 hose reel; hose, gd., 1,142 ft.; f. al., bells; val. equip., \$4,000; val. bldgs., \$2,000; tot. mem., 20 vol.

Water Supply—Src., riv., in bus. cent.; sys., pump dir.; 1 pump. eng.

LANCASTER, p. 626; f. area, 180 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng., 1 hose reel; hose, 1,800 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$300; exp. dept., \$50; tot. mem., 6 vol.

Water Supply—Src., well, near bus. cent.

LATCHFORD, p. 600; f. area, 120 a.; merc. bldgs., frame, 2 stor.; priv., frame, 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 ladders, 3 hose reels; hose, gd., 1,500 ft.; f. al., bell; tot. mem., 25 vol.

Water Supply—Src., wells, near bus. cent.; sys., pump dir.; 1 pump. eng.; mains, c. l., 3,000 ft., 4 to 6 in. dia.; 6 hyd.; pres., f. 120 lbs.; cost, \$4,000; cost mtce., \$1,500; wks. owned by city.

LEAMINGTON, p. 2,652; f. area, 500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose car.; hose, cot., rub. lined, gd., 1,050 ft.; inf., 100 ft.; tot. hose, 1,150 ft.; f. al., wh., 4 telp. bx.; val. equip., \$2,000; val. bldgs., \$4,500; exp. dept., \$4,000; tot. mem., 16 vol.

Water Supply—Src., wells; sys., pump to res. & dir.; res. cap., 125,000 gals.; 2 pump. eng., cap. day, 2,000,000 gals.; mains, iron, 7 m., 4 to 10 in. dia.; 40 hyd.; 16 v.; 650 serv.; pipe, lead; pres., dom. 40 lbs., f. 75 to 100 lbs.; cost, \$39,000; cost mtce., \$3,000; wks. owned by town.

LINDSAY, p. 6,964; f. area, 100 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm. if laid in mortar; no fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose cart, 1 hose wag.; hose, cot., gd., 2,150 ft.; f. al., elec., 7 at. bx.; 2 hrs.; val. equip., \$5,300; val. bldgs., \$7,500; exp. dept., \$500; tot. mem. 18, pd. full time 3, pd. part time 10; undra. rating, third class.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 165,000 gals.; dim., 16 x 110; mat., stl.; 3 pump. eng., class 2 comp. dup. & elec., cap. day 2,440,000 gals.; mains, c. l., 10½ m., 4 to 12 in. dia.; 97 hyd.; 75 v.; met., 400; 850 serv.; pipe, c. i.; pres., dom. 65 lbs., f. 100 to 120 lbs.; cons. day, 500,000 gals.; cost, \$125,000; wks. owned by town.

LISTOWEL, p. 2,289; f. area, 10 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 1½

& 2 stor.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 2 hose car.; hose, rub., gd., 2,000 ft.; inf., 600 ft.; tot. hose, 2,600 ft.; f. al., bell & wh.; val. equip., \$5,500; val. bldgs., \$6,200; exp. dept., \$1,000; tot. mem. 14, pd. part time.

Water Supply—Src., wells, ½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 66,000 gals.; dim. 20 x 35, loc. 1 m. from well; mat., iron; res. cap., 66,000 gals.; 2 pump. eng., cap. day, 1,500,000 gals.; mains, c. l., 7½ m., 4 to 10 in. dia.; 40 hyd.; 22 v.; 25 met.; 800 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 140 lbs.; cons. day, 100,000 gals.; cost, \$40,000; cost mtce., \$4,578; wks. owned by city.

LITTLE CURRENT, p. 1,208; f. area, 100 a.; merc. bldgs., cem., 2 stor.; priv., wd., 1½ & 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 stm. eng., 2 hose car.; hose, cot., 1,000 ft.; f. al., bell; val. equip., \$2,800; val. bldgs., \$600; exp. dept., \$250; tot. mem. 50, pd. part time 10, vol. 40.

Water Supply—Lakes & wells.

LONDON, p. 46,300; f. area, 6,302 a.; merc. bldgs., bk. & stn., 3 to 6 stor.; priv., stn., bk. & wd., 1½ to 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 1 str., 1 c. eng., 1 aer. trk., 16 c. hand ex., 2 h. & l. trk., 2 hose wag., 4 comb. c. & h. wag., 3 supply wag., 6 hose eleighs, 22 hrs.; hose, cot., rub. lined, gd., 12,000 ft.; f. al., Gamewell, 72 bx.; val. equip., \$54,000; val. bldgs., \$56,000; exp. dept., \$44,087; tot. mem. 40, pd. full time.

Water Supply—Src., spr., 4 m. bus. cent.; sys., pump to res. & dir.; Springbank res. cap., 5,000,000 gals.; dim., 300 x 300 x 17, elevated 1,000 ft. above sea level; Horton st. res. cap., 1,000,000 gals.; 9 pump. eng., cap. day 19,500,000 gals.; mains, c. l., 105.4 m., 2 to 30 in. dia.; 651 public hyd. & 30 priv. hyd.; 712 v.; 1,288 met.; 12,928 serv.; pipe, lead; pres., dom. 65 lbs., f. 70 to 110 lbs.; cons. day, 3,500,000 gals.; cost, \$1,010,604; cost mtce., \$37,000; wks. owned by city.

LUCKNOW, p. 967; f. area, 640 a.; bldgs., wd., bk. & stn., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., gd., 500 ft.; rub., gd., 800 ft.; inf., 200 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$6,000; exp. dept., \$600; tot. mem. 14, pd. full time 1, pd. part time 13; undra. rating, third class.

Water Supply—Src., spr., creek; sys., dir.; pump. eng., cap. day 864,000 gals.; mains, c. l., 1½ m., 4 to 8 in. dia.; 6 v.; pres., f. 125 lbs.; cost, 11,000; cost mtce., \$1,000; wks. owned by city.

MADOC, p. 1,058; f. area, 434 a.; bldgs., bk., stn. & wd., 2 & 3 stor.; wd. rfs. not perm. F. dept.—1 stm. eng., 1 hand eng., 3 hose car., 4 long ladders; hose, rub., gd., 1,500 ft.; f. al., bell; val. equip., \$5,000; exp. dept., \$250; tot. mem., 25 vol.

Water Supply—Src., creeks & wells, in bus. cent.

MARKHAM, p. 909; f. area, 200 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. eng., 2 c. hand ex., 1 h. & l. trk., 2 hose wag., 2 hose car., 1 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 1,200 ft.; tot. hose, 2,200 ft.; f. al., wh., 8 bx.; val. equip., \$1,000; val. bldgs., \$2,000; exp. dept., \$900; tot. mem. 25, pd. part time 2, vol. 23.

Water Supply—Src., spr.; sys., pump to res.; res. cap., 40,000 gals.; 3 pump. eng., class dup., cap. 600 to 800 gals. min.; mains, 1 m., 4 to 8 in. dia.; 15 hyd.; 6 v.; pres., f. 150 lbs.; cost, \$12,000; wks. owned by city.

MATTAWA, p. 1,524; f. area, 500 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm. F. dept.—1 str., 1 h. & l. trk., 2 hose car.; hose, rub., gd., 1,800 ft.; val. equip., \$5,000; val. bldgs., \$3,000.

Water Supply—Src., Ottawa & Mattawa riv. & Boom Creek & new res.

MEAFORD, p. 2,811; f. area, 3 a.; bldgs., bk., 2 & 3½ stor.; wd. rfs. not perm. in f. limits. F. dept.—1 stm. eng., 2 c. ex., 3 hose car.; hose, cot., gd., 1,500 ft.; f. al., telp.; val. equip., \$6,000;

1 bldg.; exp. dept., \$900; tot. mem. 15, pd. part time; undrs. rating, fourth class.

Water Supply—Src., bay, 60 rods bus. cent.; sys., pump to stdp.; stdp. cap., 80,000 gals.; dim., 22 x 35; mat., stl.; 2 pump. eng., cap. day 2,500,000 gals.; mains, c. i., 6 m., 4 to 8 in. dia.; 40 hyd.; 20 v.; 700 serv.; pipe, galv. i.; pres., dom. 60 lbs., f. 120 lbs.; cons. day, 490,000 gals.; cost, \$39,000; cost mtce., \$3,000; wks. owned by town.

MERRICKVILLE, p. 1,010; f. area, 657 a.; merc. bldgs., bk. & stn., 1 to 3 stor.; priv., bk. & stn., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 str., 6 c. hand ex., 1 hose wag.; hose, gd., 1,200 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$1,000; tot. mem., 12 vol.

Water Supply—Src., riv., 200 ft. bus. cent.; sys., pump dir.; 1 pump. eng.

MERRITON, p. 1,670; f. area, 300 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—8 c. hand ex., 1 h. & l. trk., 3 hose wag.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 500 ft.; tot. hose, 2,000 ft.; f. al., bell & wh., 10 bx.; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$1,800; tot. mem., 30 vol.

Water Supply—Src., lake, 3 m. bus. cent.; sys., grav.; res. cap., 5,000,000 gals.; mains, c. i., 7½ m., 4 to 14 in. dia.; 50 hyd.; 100 v.; 500 serv.; pipe, galv. i. & lead; pres., dom. 70 lbs., f. 70 lbs.; cost, \$70,000; cost mtce., \$1,247; wks. owned by city.

MIDLAND, p. 4,663; f. area, 1,401 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. ord. on main st. F. dept.—1 stm. eng., 2 hose car., 1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,200 ft.; inf., 300 ft.; tot. hose, 2,500 ft.; f. al., bell; val. equip., \$4,500; val. bldgs., \$3,000; tot. mem., 20 vol.

Water Supply—Src., spr., creeks & receiving basin.

MILDWAY, bldgs., bk. & wd. F. dept.—1 str., 2 hose car.; hose, 1,500 ft.; tot. mem., 25 vol.

Water Supply—Src., 7 tk., 150 ft. bus. cent.; res. cap., 30,000 gals.; 1 pump. eng.

MILLBROOK, p. 850; f. area, 500 a.; bldgs., bk. & stn., 2 stor.; wd. rfs. perm. in f. area; no fwks. ord. F. dept.—1 stm. eng., 1 hand eng., 1 hose car., 4 ladders; hose, 2,000 ft.; f. al., bell & telp.; val. equip., \$2,800; val. bldgs., \$1,200; exp. dept., \$114; tot. mem. 50, pd. part time 1, vol. 49.

Water Supply—Src., creeks & 8 tk.; waterwks.; 63 hyd.

MILTON, p. 1,654; f. area, 200 a.; merc. bldgs., stn., bk. & wd., 1 & 4 stor.; priv., stn., bk. & wd., 1½ stor.; wd. rfs. not perm. in f. ord.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 3 hose carts; hose, cot., rub. lined, gd., 1,400 ft.; f. al., automatic; val. equip., \$2,000; val. bldgs., \$1,000; exp. dept., \$300; tot. mem., 25 vol.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav.; res. cap., 2,150,000 gals., loc. side of mountain; mains, c. i., 6 m., 4 to 8 in. dia.; 21 hyd.; 17 v.; 250 serv.; pipe, iron; pres., dom. 95 lbs., f. 95 lbs.; cons. day, 60,000 gals.; cost, \$37,000; cost mtce., \$100; wks. owned by town.

MINDEN, p. 200; f. area, 30 a. F. dept.—1 hand eng., 150 ft. hose. No waterwks.

MITCHELL, p. 1,766. F. dept.—3 hose car.; hose, rub., gd., 300 ft.; cot., gd., 1,400 ft.; tot. hose, 1,700 ft.; tot. mem., 12 vol.; undrs. rating, sixth class.

Water Supply—Src., wells & riv.; sys., dir. pump; 2 pump. eng.; mains, 11,580 ft., 4 & 6 in. dia.; 16 hyd.; pres., dom. 60 lbs., f. 150 lbs.; cost, \$15,000; cost mtce., \$1,000; wks. owned by town.

MORRISBURG, p. 1,696; f. area, 640 a.; bldgs., bk., 2 & 3 stor.; wd. rfs. perm. F. dept.—1 hand eng., 1 h. & l. trk., 3 hose car., 3 aer. trk.; hose, cot., rub. lined, gd., 500 ft.; rub., gd., 1,000 ft.; linen, gd., 1,000 ft.; linen, poor, 500 ft.; tot. hose, 3,000 ft.; f. al., elec. bell, 6 st. bx.; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$500; tot. mem. 30, pd. part time.

Water Supply—Src., riv.; sys., pump dir.; pump. eng., cap. day 1,944,000 gals.; mains, iron, 3 m.; 22 hyd.; pres., dom. 40 lbs., f. 120 lbs.; cost, \$26,000; cost mtce., \$400; wks. owned by town.

MT. FOREST, p. 1,839; f. area, 1,400 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk., 1½ & 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose car.; hose, cot., gd., 1,400 ft.; f. al., bell; 2 hired hrs.; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$300; tot. mem. 16, pd. part time.

Water Supply—Src., wells & cisterna; sys., pump to stdp., cap., 50,000 gals.; res. cap., 30,000 gals.; 1 pump. eng., cap. day, 80,000 gals.; mains, c. i., 13 m., 4 to 10 in. dia.; 39 hyd.; 22 v.; 500 serv.; pipe, galv. i.; pres., dom. 50 lbs., f. 80 to 120 lbs.; cons. day, 80,000 gals.; cost, \$35,000; cost mtce., \$200; wks. owned by corpor.

NAPANEE, p. 2,807; f. area, 1,200 a.; merc. bldgs., bk., 3 & 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; inf., 350 ft.; tot. hose, 2,850 ft.; f. al., elec., 6 bx.; val. equip., \$14,500; val. bldgs., \$10,000; exp. dept., \$1,500; tot. mem., 22 vol.

Water Supply—Src., riv., in bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 160,000 gals.; dim., 16 x 100; mat., iron & stl.; 2 pump. eng., cap. day, 2,600,000 gals.; mains, c. i., 2½ m., 6 to 10 in. dia.; 35 hyd.; 15 v.; 190 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 100 lbs.; cons. day, 500,000 gals.; cost, \$45,000; cost mtce., \$1,500; wks. owned by Co.

NEWBURGH, p. 501; f. area, 320 a.; merc. bldgs., bk., 2 stor.; priv., bk. & frame, 2 stor.; wd. rfs. perm. in f. area. F. dept.—Ladders, palis., 1 hand eng., 1 hose reel; hose, gd., 300 ft.; inf., 200 ft.; tot. hose, 500 ft.; f. al., bell; val. equip., \$500; vol.

Water Supply—Src., wells & riv., near bus. cent.; sys., pump dir.

NEW HAMBURG, p. 1,484; f. area, 500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 stm. eng., 48 c. ex., 2 hose car.; hose, linen, unlined, 150 ft.; rub., 1,650 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$2,000; tot. mem. 10, pd. full time.

Water Supply—Src., riv., wells & cisterna, near bus. cent.; sys., grav.

NEWMARKET, p. 2,996; f. area, 748 a.; merc. merc. bldgs., bk. & frame, 2 & 3 stor.; priv., bk. clad, 1 & 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 h. & l. trk., 3 hose car.; hose, rub., gd., 1,500 ft.; cot., gd., 2,000 ft.; tot. hose, 3,500 ft.; f. al., elec. & bell, 18 st. bx.; val. equip., \$8,000; val. bldgs., \$2,500; exp. dept., \$1,000; tot. mem., 51 vol.

Water Supply—Src., wells; sys., grav. & pump to res.; res. cap., 200,000 gals.; 2 pump. eng., cap. day 1,500,000 gals.; mains, iron, 5 m., 4 to 10 in. dia.; 43 hyd.; 30 v.; met., 19; 550 serv.; pres., dom. 45 lbs., f. 100 to 150 lbs.; cost, \$45,000; cost mtce., \$2,000; wks. owned by town.

NIAGARA FALLS, p. 9,245; f. area, 1,040 a.; merc. bldgs., bk. & frame, 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. limits. F. dept.—1 stm. eng. (in reserve), 8 c. ex., 3 h. & l. trk., 1 aer. trk., 4 hose car., 3 hose wag., 4 hrs.; hose, linen, gd., 7,000 ft.; f. al., elec., 31 st. bx.; tot. mem. 195, pd. part time 45, vol. 150; undrs. rating, third class.

Water Supply—Src., riv., 2 m. bus. cent.; sys., pump to res. & dir.; 4 pump. eng., class trip., cap. day 6,000,000 gals.; mains, c. i., 29 m., 2 to 12 in. dia.; 165 hyd.; 200 v.; met., 8; 2,700 serv.; pipe, iron; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 2,500,000 gals.; cost, \$239,000; cost mtce., \$5,787; wks. owned by city.

NORTH BAY, p. 7,737; f. area, 3,000 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—4 c. ex., 1 h. & l. trk., 1 hose wag.; f. al., Gamewell, 12 bx.; val. equip., \$10,000; val. bldgs., \$7,000; exp. dept., \$9,000; tot. mem. 11, pd. full time 8, vol. 3; undrs. rating, fourth class.

Water Supply—Src., lake, 3 m. bus. cent.; sys., pump to res.; res. cap., 1,300,000 gals.; 2 pump.

eng., cap. day, 4,320,000 gals.; mains, c. i., 19 m., 4 to 16 in. dia.; 91 hyd.; 30 v.; 1,975 serv.; 8 met.; pipe, galv. i.; pres., dom. & f. 80 to 100 lbs.; cost, \$190,000; cost mtce., \$12,000; wks. owned by town.

NORTH TORONTO, p. 5,362; f. area, 2,500 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 3 hose & ladder wag., 2 hose reels with hooks, axes, &c.; hose, cot., rub. lined, gd., 2,700 ft.; elec. f. al., 28 bx.; val. equip., \$4,500; val. bldgs., \$2,000;

Water Supply—Src., wells, $\frac{1}{2}$ m. bus. cent.; ays., pump to res. & dir.; res. cap., 190,000 gals.; pump. eng., cap. day 1,000,000 gals. each; mains, c. i., 30 m., 6 to 10 in. dia.; 300 hyd.; 25 met.; 1,400 serv.; pres., dom. 65 lbs., f. 85 lbs.; cost, \$72,023; cost mtce., \$5,000; wks. owned by town.

NORTHUMBERLAND, p. 5,321; f. area, 52 a.; merc. bldgs., bk., 3 to 4 stor.; priv., bk., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 4 c. hand ex., 1 hose wag., 1 hose reel, 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 2,700 ft.; inf., 600 ft.; tot. hose, 3,300 ft.; f. al., telp.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$3,500; tot. mem. 16, pd. full time 4, pd. part time 12.

Water Supply—Not reported.

NORWICH, p. 1,112; f. area, 18 blocks; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 600 ft.; rub., gd., 300 ft.; inf., 300 ft.; tot. hose, 1,200 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$600; tot. mem., 10, pd. part time.

Water Supply—Src., artesian wells for domestic purposes; for f. str., running through cent. of village & tk. with one f. eng. to pump water for f. protection; cap. well, 72,000 gals. day; 1 pump. eng., class elec.

NORWOOD, p. 811; f. area, 650 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 hand eng., 8 c. hand ex., 1 hose wag., 1 hose car.; hose, cot., rub. lined, gd., 100 ft.; inf., 350 ft.; tot. hose, 450 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$150; tot. mem., 20 vol.

Water Supply—Src., wells & creek.

OAKVILLE, p. 2,372; f. area, 1,600 a.; merc. bldgs., wd. & bk., 2 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. limits; fwks. ord.; causes of f. inv. F. dept.—1 comb. c. & hose wag., 1 h. & l. trk., 4 hose wag.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell; val. equip., \$5,020; val. bldgs., \$15,000; exp. dept., \$550; tot. mem., 57 vol.

Water Supply—Src., Lake Ontario; 1 pump, cap. 3,000,000 gals.; 200 serv.

OIL SPRINGS, p. 621; f. area, 300 a.; merc. bldgs., bk. & frame, 2 stor.; priv., frame, 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 hand eng.; hose, gd., 800 ft.; f. al., gong; val. equip., \$1,000; vol.

Water Supply—Src., tk., near bus. cent.

OMEMEE, p. 900; f. area, 100 a.; merc. bldgs., bk., 2 & $2\frac{1}{2}$ stor.; priv., bk. & wd., $1\frac{1}{2}$ & 2 stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 hand eng., 1 comb. c. & h. wag., 10 c. hand ex., 1 h. & l. trk., 2 hrs.; hose, cot., rub. lined, gd., 400 ft.; val. equip., \$600; exp. dept., \$25; tot. mem., 30 vol.; undra. rating, third class.

Water Supply—Mill dam & riv., 150 yards bus. cent.

ORANGEVILLE, p. 2,840; f. area, 500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk., 1 & 2 stor.; wd. rfs. not perm. in f. area. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 1 hrs.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 400 ft.; tot. hose, 1,600 ft.; f. al., elec., 6 bx.; val. equip., \$3,000; val. bldgs., \$2,500; exp. dept., \$2,000; tot. mem. 14, pd. part time 12, 2 vol.

Water Supply—Src., spr., 2 m. bus. cent.; ays., grav. & pump dir.; res. cap., 86,000 gals.; 2 pump. eng., cap. day 2,160,000 gals.; mains, c. i., 9 m., 4 to 10 in. dia.; 59 hyd.; 41 v.; pres., dom. 35 to 60 lbs., f. 85 to 125 lbs.; cost, \$56,000; cost mtce., \$2,000; wks. owned by town.

ORILLA, p. 6,828; f. area, 3 x $1\frac{1}{2}$ m.; bldgs., bk., 2 stor.; iron rfs. F. dept.—1 h. & l. trk., 2 hose car., 1 supply wag.; hose, cot., gd., 1,700 ft.; rub., gd., 1,000 ft.; tot. hose, 2,700 ft.; f. al., bell, 10 st. bx.; val. equip., \$5,000; val. bldgs., \$6,500; exp. dept., \$1,200; tot. mem., 16 vol.; undra. rating, third class.

Water Supply—Src., Lake Couchiching, 1 m. bus. cent.; ays., pump to res. & stdp.; stdp. cap., 36,000 gals., dim. 20 x 18, mat. wd.; res. cap., 213,000 gals.; 2 pump. eng., cap. day, 2,500,000 gals.; mains, c. i., 14 m., 4 to 10 in. dia.; 96 hyd.; 100 v.; 1 met.; 1,200 serv.; pipe, lead & galv. i.; pres., dom. 30 to 90 lbs., f. 96 lbs.; cons. day, 550,000 gals.; wks. owned by city.

OSHAWA, p. 7,436; f. area, 2,500 a.; merc. bldgs., bk. & iron, 1 to 4 stor.; priv., bk. & wd., 1 to 2 stor.; wd. rfs. not perm. in f. limits. F. dept.—1 str., 1 hand f. eng., 1 c. eng., 25 c. ex., 1 h. & l. trk., 3 hose car., 1 supply wag., 6 hrs.; hose, rub., gd., 400 ft.; inf., 500 ft.; cot., gd., 1,800 ft.; tot. hose, 2,800 ft.; f. al., bell; val. equip., \$19,000; val. bldgs., \$5,000; exp. dept., \$1,500; tot. mem., 20.

Water Supply—Src., spr. & tk.; waterwks. installed; pump from Lake Ontario; 81 hyd.; mains, 68,854 ft., $1\frac{1}{2}$ to 12 in. dia.; 700 met.; 1,160 serv.; wks. owned by city.

OTTAWA, p. 86,840; f. area, 8 sq. m.; merc. bldgs., bk. & stn., 2 to 10 stor.; priv., stn., bk. & wd., 3 to 4 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—4 str., 2 aer. trk., 26 c. hand ex., 1 auto. comb. hose, salvage & c. trk., 2 comb. c. & h. wag., 4 h. & l. trk., 6 hose wag., 2 hose wag. with turret pipes, 42 hrs.; hose, cot., rub. lined, gd., 22,000 ft.; c. hose, 900 ft.; tot. hose, 22,900 ft.; f. al., bell & elec., 156 bx.; val. equip., \$125,000; val. bldgs., \$200,000; exp. dept., \$125,000; tot. mem. 94, pd. full time.

Water Supply—Src., Ottawa riv., 2 m. bus. cent.; ays., pump dir.; pump. eng., cap. day 35,000,000 gals.; mains, 156 m., 3 to 24 in. dia.; 1,210 hyd.; 39 met.; 22,327 serv.; pres., dom. 90 to 93 lbs., f. 110 lbs.; cost, \$2,800,000; cost mtce., \$250,000; wks. owned by city.

OWEN SOUND, p. 12,558; f. area, 2,909 a.; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 1 h. & l. trk., 5 c. hand ex., 1 hose wag., 7 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 5,900 ft.; inf., 600 ft.; tot. hose, 6,400 ft.; f. al., Game-well, 24 bx.; val. equip., \$15,000; val. bldgs., \$9,740; exp. dept., \$9,300; tot. mem. 18, pd. full time 8, pd. part time 9; undra. rating, class B.

Water Supply—Src., spr. & riv., 3 m. bus. cent.; ays., grav.; res. cap., 5,500,000 gals.; mains, c. i., 20 m., 6 to 12 in. dia.; 140 hyd.; 100 v.; 100 met.; 2,300 serv.; pres., dom. 60 lbs., f. 90 lbs.; cons. day, 600,000 gals.; cost, \$225,900; cost mtce., \$2,200; wks. owned by city.

PAISLEY, p. 1,000; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., $1\frac{1}{2}$ & 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 h. & l. trk., 2 hose car., hooks, palls, &c.; hose, cot., gd., 600 ft.; rub., gd., 600 ft.; tot. hose, 1,200 ft.; f. al., bell & wh.; val. equip., \$8,300; val. bldgs., \$1,450; exp. dept., \$350; tot. mem., 50 vol.

Water Supply—Src., riv.; ays., pump. dir.; pump. eng., cap. day 100,000 gals.; mains, c. i., $\frac{3}{4}$ m., 6 in. dia.; 6 hyd.; 4 v.; pres., f. 100 lbs.; cost, \$10,000; cost mtce., \$600; wks. owned by town.

PALMERSTON, p. 1,665; f. area, 2 m.; merc. bldgs., bk., 2 stor.; priv., bk., 2 stor.; wd. rfs. perm. F. dept.—1 str., 2 hand eng., 1 h. & l. trk., 2 hose car., 1 supply wag.; hose, rub., gd., 1,500 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$1,000; exp. dept., \$400; tot. mem., 15 vol.

Water Supply—Src., deep wells; ays., pump to res., to stdp. & dir.; stdp. dim., 100 x 20, cap. 100,000 gals.; res. dim., 40 x 10, cap. 103,000 gals.; pump cap., 1,000 gals. min.; pres., 100 lbs.; cost, \$45,000; cost mtce., \$2,000; wks. owned by city.

PARIS, p. 4,093; f. area, 5 a.; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., bk., wd. & stn., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt.

ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & 1 trk., 4 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., elec., 7 bx.; val. equip., \$6,500; val. bldgs., \$10,000; exp. dept., \$1,200; tot. mem. 50, pd. part time.

Water Supply—Src., spr.; sys., pump to res.; res. cap., 1,000,000 gals.; pump. eng., cap. day 250,000 gals.; mains, 10 m., 4 to 8 in. dia.; 48 hyd.; 62 v.; pres., dom. 30 lbs., f. 70 lbs.; cost, \$90,000; cost mtce., \$8,000; wks. owned by town.

PARKHILL, p. 1,289; f. area, 10 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk., 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$1,000; exp. dept., \$250; tot. mem., 15 vol.; undrs. rating, fifth class.

Water Supply—Src., tk. & 10 cisterns, near bus. cent.; sys., grav.

PARRY SOUND, district, p. 3,429; f. area, 200 a.; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 1½ stor.; wd. rfs. perm.; fwks. ord. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 1 hose reel, 2 hrs.; hose, cot., gd., 1,800 ft.; inf., 600 ft.; tot. hose, 2,400 ft.; f. al., elec. bell, 8 st. bx.; val. equip., \$3,000; val. bldgs., \$5,000; exp. dept., 30 vol.

Water Supply—Src., Georgian Bay, ¼ m. bus. cent.; sys., pump to stdp.; stdp. cap., 25,000 gals.; 2 pump. eng., cap. day 1,400,000 gals.; mains, c. i., 6½ m., 8 to 10 in. dia.; 65 hyd.; 38 v.; 17 met.; 625 serv.; pres., dom. 80 lbs., f. 100 lbs.; cons. day, 195,000 gals.; cost, \$65,000; cost mtce., \$3,000; wks. owned by city.

PEMBROKE, p. 5,824; f. area, 350 a.; bldgs., wd. bk. & stn., 1½ to 4 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 str. eng., 4 c. ex., 2 hose sleighs, 3 hrs.; hose, cot., gd., 3,000 ft.; f. al., bell; val. equip., \$8,000; val. town hall, \$16,000; exp. dept., \$2,125; tot. mem., 22 vol.

Water Supply—Src., Ottawa riv., 1 m. bus. cent.; sys., pump to stdp.; stdp. cap., 128,000 gals.; pump. eng., cap. day 2,600,000 gals.; mains, iron, 8.3 m., 4 to 16 in. dia.; 84 hyd.; 46 v.; 900 serv.; pipe, lead & galv. l.; pres., dom. 90 lbs., f. 135 cost mtce., \$2,800; wks. owned by town.

PENETANGUISHENE, p. 3,568; f. area, 50 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 & 2½ stor.; wd. rfs. perm.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 h. & 1 trk., 1 hose wag., 3 hose reels; hose, cot., rub. lined, gd., 3,000 ft.; f. al., bell; val. equip., \$3,515; val. bldgs., \$4,200; exp. dept., \$880; tot. mem., 20 vol.

Water Supply—Src., lake, ½ m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, 6½ m., 4 to 10 in. dia.; 52 hyd.; 500 serv.; pres., dom. 60 to 70 lbs., f. 80 to 120 lbs.; cost, \$47,000; cost mtce., \$2,800; wks. owned by town.

PERTH, p. 3,588; f. area, 20 a.; merc. bldgs., bk. & wd., 1½ to 3 stor.; priv., bk. & wd.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 10 c. hand ex., 1 h. & 1 trk., 5 hose reels; hose, cot., rub. lined, gd., 2,200 ft.; inf., 1,000 ft.; tot. hose, 3,200 ft.; f. al., bell; val. equip., \$5,500; val. bldgs., \$4,500; exp. dept., \$2,400; tot. mem., 38, pd. part time 8, 35 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys., pump dir.; 4 pump. eng., cap. day, 7,000,000 gals.; mains, c. i., 10 m.; 43 hyd.; 65 v.; 500 serv.; pipe, lead & iron; pres., dom. 75 lbs., f. 120 lbs.; cost, \$98,000; cost mtce., \$4,500; wks. owned by Co.

PETERBOROUGH, p. 18,860. F. dept.—1 str. eng., 8 c. ex., 1 h. & 1 trk., 2 hose wag., 1 comb. c. & h. car., 1 chief's buggy, 8 hrs.; tot. hose, 5,000 ft.; f. al., elec., 28 bx.; tot. mem. 14, pd. full time; undrs. rating, second class.

Water Supply—Src., riv., 2½ m. bus. cent.; sys., pump dir.; pump. eng., cap. day 10,500,000 gals.; mains, c. l., 38 m., 4 to 16 in. dia.; 252 hyd.; met., 35; 3,447 serv.; pres., dom. 100 lbs., f. 138 lbs.; wks. owned by city.

PETROLIA, p. 3,518; f. area, 40 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—2 str., 5 c. hand ex., 1 h. & 1 trk., 1 hose wag., 2 hose carts; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., bell;

val. equip., \$13,500; val. bldgs., \$4,800; exp. dept., \$1,500; tot. mem., 31 vol.

Water Supply—Src., lake, 11 m. bus. cent.; sys., pump to stdp. & dir.; stdp. cap., 250,000 gals.; pump. eng., cap. day 1,200,000 gals.; mains, 27 m., 2 to 12 in. dia.; 100 hyd.; met., 4; 1,125 serv.; pres., f. 25 lbs.; cost, \$185,052; cost mtce., \$6,143; wks. owned by city.

PICTON, p. 3,564; f. area, 552 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; rfs. mostly metal, shingles laid in mortar perm.; fwks. ord. F. dept.—1 hand eng., 2 c. ex., 1 h. & 1 trk., 4 hose car., all other apparatus, picks, poles, hooks, buckets, &c.; hose, rub. new, 1,400 ft.; cot., gd., 300 ft.; leather, inf., 250 ft.; tot. hose, 1,950 ft.; f. al., elec., 8 st. bx.; val. equip., \$3,000; exp. dept., \$750; tot. mem. 19, pd. full time.

Water Supply—Src., bay; sys., grav. & pump to res. & dir.; res. cap., 400,000 gals.; 2 pump. eng., cap. day 1,750,000 gals.; mains, c. l., 6½ m., 3 to 8 in. dia.; 41 hyd.; 25 v.; met., 14; 250 serv.; pipe, galv. l.; pres., f. 70 lbs.; cost, \$34,000; cost mtce., \$2,900; wks. owned by town.

PLATTSVILLE, p. 600; merc. bldgs., bk. & wd., 1 to 3½ stor.; priv., bk. & wd., 9 ft.; wd. rfs. perm. in f. area. F. dept.—1 h. eng., 10 c. hand ex., 1 h. & 1 trk., 1 hose car.; hose, cot., rub. lined, gd., 500 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$200; exp. dept., \$25; tot. mem., 12 vol.

Water Supply—Src., well & tk., also mill dam & creek.

POINT EDWARD, p. 874; bldgs., bk. & wd., 1½ & 2 stor.; wd. rfs. perm. F. dept.—1 str. eng., 4 c. ex., 1 h. & 1 trk., 2 hose car.; hose, 2,000 ft.; f. al., wh.; owned by the Grand Trunk Railway & equipped by their vol. members; val. equip., \$4,000; tot. mem., 30 vol.

Water Supply—Src., Sarnia Waterworks, 1-3 m. bus. cent.; sys., dir. pres.; cap. pumps, 200 gals. min.; mains, stl., 3 m., 4 to 3 in. dia.; 26 hyd.; 36 v.; 64 serv.; pipe, stl.; pres., dom. 60 lbs., f. 150 lbs.; wks. owned by village.

PORCUPINE, p. 360; f. area, 1,000 a. F. dept.—1 hose reel, hose sleigh, ladders; tot. mem., 12 vol.

Water Supply—Src., lake.

PORT ARTHUR, p. 11,220; f. area, 10,240 a.; merc. bldgs., stn., bk. & wd., 1 to 5 stor.; priv., stn., bk. & wd.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 chief's auto., 1 auto. comb. c. & h. wag., 1 comb. c. & h. wag., 1 comb. c. & h. sleigh, 1 c. eng., 1 h. & 1 trk., 1 hose wag.; hose, cot., rub. lined, gd., 5,000 ft.; rub. fair, 2,000 ft.; tot. hose, 7,000 ft.; f. al., Gamewell, 50 bx.; circuit & tel.; val. equip., \$59,000; val. bldgs., \$53,000; exp. dept., \$35,000; tot. mem. 23, pd. full time.

Water Supply—Src., Lake Superior, 2 m. bus. cent.; sys., pump to stdp.; stdp. cap., 199,500 gals.; dim., 26 x 65; mat., stl.; 8 pump. eng., cap. day 3,744,000 gals.; mains, c. l., 32.5 m., 4 to 12 in. dia.; 249 hyd.; 280 met.; 2,546 serv.; pipe, lead; pres., dom. 60 lbs., f. 80 lbs.; cons. day, 2,091,168 gals.; cost, \$686,317; cost mtce., \$10,701; wks. owned by city.

PORT COLBORNE, p. 1,500; f. area, 255 a.; merc. bldgs., bk. & frame, 1 to 3 stor.; priv., bk. & frame, 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose reel; hose, gd., 1,000 ft.; vol.

Water Supply—Src., lake, ¼ m. bus. cent.; sys., pump dir.; res. cap., 56,000 gals.; 1 pump. eng., cap. min. 250 gals.; mains, c. l.; 800 serv.; pres., dom. 40 lbs.; cost, \$30,000; cost mtce., \$1,000; wks. owned by city.

PORT ELGIN, p. 1,235; f. area, 1,500 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 hand eng., 1 h. & 1 trk., 2 hose reels; hose, rub. gd., 2,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$700; exp. dept., \$300; tot. mem., 25 vol.

Water Supply—Src., pond, in bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; stdp. dim., 16 x 80; pump. eng., cap. day 1,080,000 gals.; mains, c. l., 3 m., 6 to 8 in. dia.; 38 hyd.; 180 serv.; pres., dom. 65 lbs., f. 110 lbs.; cost, \$40,000; cost mtce., \$900; wks. owned by city.

PORT HOPE, p. 5,092; f. area, whole town; merc. bldgs., bk., 3 & 4 stor.; priv., wd. & bk., 3 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 hand

eng., 2 c. eng., 2 c. ex., 1 h. & l. trk., 1 aer. trk., 2 hose car., 1 hose wag., 2 c. supply carts, 2 hose reels; hose, cot. lined, gd., 2,700 ft.; f. al. elec. bell, 9 bx.; val. equip., \$13,700; val. bldgs., \$5,000; exp. dept., \$1,000; tot. mem. 15, pd. full time 1, pd. part time 14; undrs. rating, third class.

Water Supply—Src., lake, $\frac{1}{2}$ m. bus. cent.; aya., pump to res.; res. cap., 285,000 gals.; 2 pump. eng., class dup., cap. day 1,200,000 gals.; mains, c. l., 11 m., 4 to 12 in. dia.; 87 hyd.; 45 v.; met., 275; 572 serv.; pres., dom. 100 lbs., f. 100 lbs.; cons. day, 140,000 gals.; cost, \$90,000; cost mtce., \$4,000; wks. owned by town.

PORT PERRY, p. 1,148; f. area, 600 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 str., 1 h. eng., 3 hose car.; hose, cot., rub. lined, 1,000 ft.; rub., gd., 500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al. bell, 3 bx.; exp. dept., \$200; tot. mem. 20, part pd.

Water Supply—Src., lake & tk., 50 yards bus. cent.; aya., pump dir.; wks. owned by city.

PRESCOTT, p. 2,801; f. area, 640 a.; merc. bldgs., bk., 3 stor.; priv., bk. & stn., 2 stor.; wd. rfs. perm. F. dept.—2 stm. eng., 1 h. & l. trk., 4 hose car.; hose, linen, gd., 1,300 ft.; rub., gd., 350 ft.; inf., 150 ft.; leather, gd., 350 ft.; inf., 150 ft.; tot. hose, 3,000 ft.; f. al. bell & telp.; 2 hrs.; val. equip., \$45,000; val. bldgs., \$8,000; exp. dept., \$500; tot. mem., 20 vol.; undrs. rating, fourth class.

Water Supply—Src., St. Lawrence riv., situated $\frac{1}{2}$ m. bus. cent.; aya., pump to stdp. & dir.; stdp. cap., 87,981 gals.; dim., 35 x 22 $\frac{1}{2}$ ft.; mat., stl. plate; 1 pump., dup., cap. day 1,440,000 gals.; mains, c. l., 7 $\frac{1}{2}$ m., 4 to 12 in. dia.; 92 hyd.; 60 v.; 325 serv.; pipe, lead & galv. l.; pres., dom. 65 to 80 lbs., f. 120 lbs.; cons. day, 136,363 gals.; cost, \$65,000; cost mtce., \$6,828; wks. owned by corporation.

PRESTON, p. 3,883; f. area, 160 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & stn., 1 $\frac{1}{2}$ & 2 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 stm. eng., 1 hand eng., 1 h. & l. trk., 2 hose car., 1 hose wag., other apparatus, buckets; hose, rub., gd., 500 ft.; cot., gd., 1,000 ft.; inf., 150 ft.; tot. hose, 1,650 ft.; f. al. bell & telp.; 2 hrs., hired; val. equip., \$4,000; val. bldgs., \$5,000; exp. dept., \$750; tot. mem. 24, pd. full time.

Water Supply—Src., spr.

RAINY RIVER, p. 2,000; f. area, 200 a.; merc. bldgs., frame, 1 to 3 stor.; priv., frame, 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 str., 1 h. & l. trk., 2 c. hand ex., 1 hose wag.; hose, gd., 1,600 ft.; inf., 400 ft.; tot. hose, 2,000 ft.; f. al. telp.; val. equip., \$4,000; val. bldgs., \$3,400; exp. dept., \$1,100; tot. mem., 12 vol.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; aya., pump dir.; stdp. cap., 800 bbls.; dim., 9 x 36; 2 pump. eng., cap. min. 700 gals.; mains, c. l., 3 m., 4 to 10 in. dia.; 32 hyd.; met., 12; 50 serv.; pres., dom. 75 lbs., f. 100 lbs.; cost, \$33,000; wks. owned by city.

RENFREW, p. 3,846; f. area, 150 a.; merc. bldgs., bk., stn. & wd., 2 & 3 stor.; priv., bk., stn. & wd., 2 stor.; wd. rfs. not perm. F. dept.—1 stm. eng., 1 hand eng., 1 h. & l. trk., 4 hose car.; hose, cot., gd., 2,500 ft.; f. al. bell & telp.; val. equip., \$7,250; val. bldgs., \$3,000; exp. dept., \$500; tot. mem. 80, pd. part time 2, vol. 78.

Water Supply—Src., riv., $\frac{1}{4}$ m. bus. cent.; aya., pump to stdp.; stdp. cap., 157,000 gals.; pump. eng., cap. day 2,800,000 gals.; mains, 9 m., 4 to 12 in. dia.; 108 hyd.; pres., dom. 50 lbs., f. 120 lbs.; cost, \$105,000; cost mtce., \$2,232; wks. owned by city.

RICHMOND HILL, p. 652; f. area, 160 a.; bldgs., conc., bk., brickcased & wd., 1 $\frac{1}{2}$ & 2 stor.; shingle, iron & gravel rfs. F. dept.—2 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., gd., 1,200 ft.; rub., gd., 600 ft.; inf., 600 ft.; tot. hose, 2,400 ft.; f. al. bell; val. equip., \$2,000; bldgs., rented; exp. dept., \$200; tot. mem., 30 vol.

Water Supply—Src., tk.

RIDGETOWN, p. 1,954; f. area, 3 $\frac{1}{2}$ sq. m.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand

ex., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,900 ft.; inf., 300 ft.; tot. hose, 2,200 ft.; f. al., automatic; val. equip., \$5,000; val. bldgs., \$16,000; exp. dept., \$850; tot. mem., 21 vol.

Water Supply—Src., well, in bus. cent.; aya., pump to stdp.; stdp. cap., 55,000 gals., dim. 123 x 18, mat. stl.; res. cap., 45,000 gals.; 2 pump. eng., cap. day, 240,000 gals.; mains, c. l., 4 m., 4 to 8 in. dia.; 32 hyd.; 1 met.; 77 serv.; pipe, galv. l.; pres., dom. 54 lbs., f. 75 lbs.; cost, \$45,000; cost mtce., \$1,500; wks. owned by town.

RIPLEY, p. 600; f. area, 400 a. F. dept.—ladders & buckets; tot. mem., 50 vol.

Water Supply—Src., wells.

ROCKLAND, p. 3,028; f. area, 700 a.; merc. bldgs., frame & metal, 2 stor.; priv., frame, 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—4 ladders, 25 ft. each, 1 hose reel; hose, gd., 1,000 ft.; f. al. bell; vol.

Water Supply—Src., riv., near bus. cent.; aya., pump dir.; res. cap., 85,000 gals.; 1 pump. eng., class dup.; mains, c. l., 2 m., 5 to 8 in. dia.; 18 hyd.; pres., f. 140 lbs.

RODNEY, p. 850; f. area, 500 a.; merc. bldgs., bk., 2 stor.; priv., frame, 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 hand eng., 1 hose reel; val. equip., \$500; vol.

Water Supply—Src., wells.

ST CATHARINES, p. 12,484; f. area, 266 a.; merc. bldgs., bk., 1 $\frac{1}{2}$ to 6 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 7 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 5 hrs.; hose, cot., rub. lined, gd., 4,350 ft.; f. al. bell; 39 bx.; val. equip., \$14,000; val. bldgs., \$20,000; exp. dept., \$10,000; tot. mem., 40, pd. full time 10, vol. 30.

Water Supply—Src., lake & canal, 4 m. bus. cent.; aya., grav.; res. cap., 365,000,000 gals.; mains, c. l., 44.2 m., 4 to 30 in. dia.; 322 hyd.; 464 v.; met., 110; 3,800 serv.; pipe, galv. l. & lead; pres., dom. 60 to 100 lbs., f. 60 to 100 lbs.; cons. day, 2,750,000 gals.; cost, \$680,398; cost mtce., \$7,000; wks. owned by city.

ST. MARY'S, p. 3,888; bldgs., wd., bk. & stn., 2 & 3 stor.; wd. rfs. perm. if laid in mortar; fwks. ord. F. dept.—1 stm. eng., 1 comb. c. & h. wag., 2 c. ex., 1 h. & l. trk., 1 hose wag., 2 hose car., 3 hrs.; alamese couplings used; hose, cot., rub. lined, gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al. bell & wh.; val. equip., \$8,000; val. bldgs., \$2,000; exp. dept., \$2,200; tot. mem., 16, pd. full time 1, pd. part time 15; undrs. rating, third class.

Water Supply—Src., creek, $\frac{1}{4}$ m. bus. cent.; aya., pump to stdp.; stdp. cap., 65,000 gals.; mat., stn. & iron; 2 pump. eng., class comp. dup., cap. day, 1,970,000 gals.; mains, c. l., 26 m., 4 to 10 in. dia.; 68 hyd.; 31 v.; met., 27; 546 serv.; pipe, lead; pres., dom. 40 to 65 lbs., f. 100 to 125 lbs.; cons. day, 30,000 gals.; wks. owned by municipality.

ST. THOMAS, p. 14,054; merc. bldgs., bk., cem. & wd., 2 to 4 stor.; priv., bk., cem. & wd., 2 stor.; wd. rfs. perm. in f. area (if laid in asbestos); fwks. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 2,300 ft.; f. al. bell & elec., 32 bx.; val. equip., \$5,000; val. bldgs., \$4,000; exp. dept., \$5,000; tot. mem. 16, pd. full time 4, pd. part time 12.

Water Supply—Src., creek; aya., pump dir.; res. cap., 25,000,000 gals.; 3 pump. eng., cap. day 7,000,000 gals.; mains, c. l., 30 m., 4 to 18 in. dia.; 167 hyd.; 115 v.; met., 668; 8,071 serv.; pres., dom. 45 lbs., f. 80 to 110 lbs.; cost, \$180,000; cost mtce., \$9,000; wks. owned by city.

SANDWICH, p. 2,200; f. area, 2,000 a.; merc. bldgs., bk. & frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose wag., 2 hose reels; hose, gd., 1,500 ft.; val. equip., \$2,500; val. bldgs., \$1,500; exp. dept., \$800; tot. mem., 18 vol.

Water Supply—Src., wells, near bus. cent.; mains, c. l., 10 m., 8 to 14 in. dia.; 46 hyd.; 700 serv.; pres., dom. 32 lbs., f. 75 lbs.; wks. owned by city.

SARNIA, p. 9,947; f. area, 2,000 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 1 & 2

stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,200 ft.; f. al., elec., 24 bx.; val. equip., \$10,000; val. bldgs., \$4,000; exp. dept., \$6,800; tot. mem. 16, pd. full time 6, pd. part time 10.

Water Supply—Src., riv., 1-5 m. bus. cent.; sys., pump dir.; 4 pump. eng., cap. day 8,900,000 gals.; mains, c. l., 8 3/4 m., 3 to 20 in. dia.; 187 hyd.; 324 v.; met., 5; 2,885 serv.; pipe, lead & iron; pres., dom. 50 to 60 lbs., f. 90 to 110 lbs.; cons. day, 3,000,000 gals.; cost, \$205,300; cost mtce., \$8,750; wks. owned by city.

SAULT STE. MARIE, p. 10,984; f. area, 3,100 a.; merc. bldgs., conc., wd., stn. & bk., 1 to 3 stor.; priv., conc., stn., wd. & bk., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord. F. dept.—1 stn. eng., 1 auto. comb. c. & h. wag., 6 c. ex., 1 h. & l. trk., 1 hose wag., 3 exercise wag., 4 hrs.; hose, cot., rub. lined, gd., 5,500 ft.; f. al., elec., 17 bx.; val. equip., \$25,000; val. bldgs., \$24,500; tot. mem. 46, pd. full time 9, vol. 37.

Water Supply—Src., Lake Superior, situated 1 m. bus. cent.; sys., pump dir.; 4 pumps, cap. day 1,500,000 gals.; mains, c. l., 28 m., 4 to 24 in. dia.; 116 hyd.; 68 met.; pres., dom. 90 lbs., f. 100 lbs.; cost, \$325,000; wks. owned by Co.

SEAFORTH, p. 1,983; f. area, 150 a.; merc. bldgs., bk., 2 & 3 stor.; priv., stn., bk. & wd., 1 1/2 & 2 stor.; wd. rfs. not perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 aer. trk., 2 c. hand ex., 1 h. & l. trk., 4 hose car., 2 hrs.; hose, cot., rub. lined, gd., 3,900 ft.; f. al., bell & wh., 9 bx.; val. equip., \$4,400; exp. dept., \$1,000; tot. mem., 26 vol.

Water Supply—Src., creek, 1/4 m. bus. cent.; sys., pump dir.; res. cap., 500,000 gals.; 2 pump. eng., cap. day, 2,000,000 gals.; mains, iron, 3 m., 4 to 8 in. dia.; 16 hyd.; 4 v.; pres., f. 100 to 140 lbs.; cost, \$23,000; cost mtce., \$1,100; wks. owned by city.

SHELBURNE, p. 1,113; f. area, 200 a.; merc. bldgs., bk., 3 stor.; priv., bk. & iron, 2 stor. F. dept.—1 c. eng., 1 hose car., 1 hose tower, ladders; hose, cot., gd., 1,200 ft.; f. al., bell; tot. mem. 44, all vol.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 80,000 gals.; mains, 2 m., 10 in. dia.; 18 hyd.; pres., f. 50 to 55 lbs.; cost, \$21,000; wks. owned by village.

SIMCOE, p. 3,227; f. area, 25 a.; merc. bldgs., bk., 3 to 1 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 c. hand ex., 2 h. & l. trk., 2 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,500 ft.; rub. gd., 500 ft.; inf., 500 ft.; tot. hose, 3,500 ft.; f. al., bell, 15 bx.; val. equip., \$4,200; val. bldgs., \$2,900; exp. dept., \$1,200; tot. mem. 21, pd. part time.

Water Supply—Src., spr.; stdp. cap., 130,000 gals.; 2 pump. eng., cap. 700,000 gals. day; mains, c. l., 11 1-10 m., 4 to 8 in. dia.; 69 hyd.; 488 met.; 808 serv.; pres., dom. 60 lbs., f. 110 lbs.; cost, \$83,500; cost mtce., \$2,790; wks. owned by city.

SMITH'S FALLS, p. 6,370; f. area, 1 1/4 sq. m.; bldgs., bk., wd. & stn., 2 & 3 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 stn. eng., 2 c. ex., 1 h. & l. trk., 3 hose car.; hose, cot., gd., 2,000 ft.; inf., 500 ft.; tot. hose, 2,500 ft.; f. al., elec. bell, 10 st. bx.; 2 hrs.; val. equip., \$10,000; val. bldgs., \$5,000; exp. dept., \$1,050; tot. mem., 25 vol.; undra. rating, fourth class.

Water Supply—Src., riv., in bus. cent.; sys., pump dir.; dim. 20 x 16; pump. eng., class comp., cap. day 1,000,000 gals.; mains, c. l., 7 m., 4 to 10 in. dia.; 72 hyd.; 40 v.; 450 serv.; pipe, lead; pres., dom. 60 lbs., f. 100 lbs.; cons. day, 400,000 gals.; cost, \$125,000; cost mtce., \$4,000; wks. owned by priv. party.

SOUTHAMPTON, p. 1,685; f. area, 500 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord.; causes of f. inv. F. dept.—1 h. eng., 40 c. hand ex., 2 hose car.; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$500; exp. dept., \$150; tot. mem., 10 vol.

Water Supply—Src., 3 wells, 1-16 m. bus. cent.; sys., pump to stdp.; dim., 16 x 110; mat., stl.;

3 pump. eng., cap. day 2,160,000 gals.; mains, c. l., 113,000 ft., 4 to 8 in. dia.; 31 hyd.; 18 v.; 275 serv.; pipe, galv. i.; pres., dom. 47 to 67 lbs., f. 100 lbs.; cons. day, 200,000 gals.; cost, \$43,000; cost mtce., \$2,200; wks. owned by town.

SPRINGFIELD, p. 480; f. area, 500 a.; merc. bldgs., bk., 2 stor.; priv., frame, 1 1/2 stor.; fwks. & combt. ord. F. dept.—2 c. hand ex., 1 hose reel; f. al., bell; val. equip., \$500; val. bldgs., \$600; vol.

Water Supply—Src., wells, near bus. cent.

STAYNER, p. 1,039; f. area, 200 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., wd. & bk., 1 1/2 & 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—2 hose car.; hose, cot., gd., 1,000 ft.; val. equip., \$3,000; val. bldgs., \$1,000; tot. mem., 12 vol.

Water Supply—Src., strmn., 2 m. bus. cent.; sys., grav.; res. cap., 200,000 gals., 2 m. town; mains, c. l., 5 m., 4 to 12 in. dia.; 21 hyd.; pres., dom. & f. 60 to 72 lbs.; cost, \$25,000; wks. owned by city.

STEELTON, p. 3,178; f. area, 1,800 a.; merc. bldgs., bk., 1 & 2 stor.; priv., bk. & frame, 1 & 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 hose reels; hose, gd., 2,000 ft.; f. al., telp.; val. equip., \$2,500; val. bldgs., \$800; tot. mem., 30 vol.

Water Supply—Src., riv., 1/4 m. bus. cent.; sys., pump dir.; mains, c. l., 4 to 10 in. dia.; 42 hyd.; 450 serv.; pres., f. 90 lbs.; cost, \$65,000; cost mtce., \$900; wks. owned by city.

STOUFFVILLE, p. 1,000; f. area, 437 a.; merc. bldgs., bk., 2 stor.; priv., frame, 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 h. & l. trk., hand ex., 2 hose reels; hose, gd., 1,200 ft.; f. al., elec., 7 bx.; val. equip., \$2,500; val. bldgs., \$1,500; tot. mem., 22 vol.

Water Supply—Src., spr., 3 m. bus. cent.; sys., pump dir.; res. cap., 700,000 gals.; mains, c. l., 5 m., 4 to 12 in. dia.; 150 serv.; cost, \$25,000; wks. owned by city.

STRATFORD, p. 12,946; merc. bldgs., bk., 2 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 salvage wag., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 1 hose reel, 4 hrs.; hose, cot., rub. lined, gd., 4,000 ft.; rub. gd., 150 ft.; tot. hose, 4,150 ft.; f. al., elec., 38 bx.; val. equip., \$12,000; val. bldgs., \$15,000; exp. dept., \$7,500; tot. mem. 16, pd. full time 8, pd. part time 8.

Water Supply—Src., artesian wells & Aven. riv., 1 m. bus. cent.; sys., pump dir.; 3 pump. eng., class comp. dup., comb. cap. day 5,000,000 gals.; mains, c. l., 27 1/2 m., 4 to 12 in. dia.; 187 hyd.; 167 v.; met., 924; 380 serv.; pipe, lead; pres., dom. 80 lbs., f. 100 to 120 lbs.; cons. day, 1,000,000 gals.; cost, \$231,000; wks. owned by city.

STRATHROY, p. 2,828; f. area, 50 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. perm. in f. area. F. dept.—1 hand eng., 2 hose car., 2 hrs.; hose, cot., rub. lined, gd., 700 ft.; rub. gd., 800 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$3,000; val. bldgs., \$3,000; exp. dept., \$1,000; tot. mem. 22, pd. full time 1, vol. 21; undra. rating, third class.

Water Supply—Src., wells & riv., 1-5 m. bus. cent.; sys., pump to stdp.; stdp. cap., 160,000 gals.; dim., 20 x 30; mat., stl.; 1 pump. eng., class comp. dup., cap. day, 600,000 gals.; mains, c. l., 5 m., 4 to 10 in. dia.; 40 hyd.; 225 serv.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$60,000; wks. owned by town.

STREETSVILLE, p. 700; f. area, 45 a. F. dept.—ladders, reel, 500 ft. hose; tot. mem., 16 vol.

Water Supply—Src., riv.; pump cap. day, 360,000 gals.; pres., 80 lbs.

STURGEON FALLS, p. 2,282; f. area, 1,440 a.; merc. bldgs., frame, 2 stor.; priv., frame, 2 stor.; wd. rfs. perm. in f. area. F. dept.—Ladders, pails, 3 c. hand ex., 2 hose wag.; f. al., telp., 2 bx.; tot. mem., 30 vol.

Water Supply—Src., riv., 1/4 m. bus. cent.; sys., pump dir.; 1 pump. eng.; mains, c. l., 5 1/4 m., 6 to 10 in. dia.; 47 hyd.; pres., dom. 40 lbs., f. 100 lbs.; wks. owned by city.

SUDBURY, p. 4,150; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfs. perm.; fwks. ord.; f. inv. F. dept.—4 c. hand ex., 2 h. & l. trk., 1 hose wag., 3 hose car., 1 hose sleigh,

4 hrs.; hose, cot., gd., 4,200 ft.; f. al., elec. 22 bx.; val. equip., \$19,000; val. bldgs., \$30,000; exp. dept., \$5,000; tot. mem. 20, pd. full time 1, vol. 19.

Water Supply—Src., lake, 1 m. bus. cent.; sys. pump to stdp.; stdp. cap., 64,000 gals.; dim., 24 x 24; mat., stl.; 4 pump. eng., cap. 4,680,000 gals. day; mains, c. i., 14 m., 4 to 12 in. dia.; 69 hyd.; 160 v.; met., 17; 1,100 serv.; pipe, galv. i. & lead; pres., dom. 75 lbs., f. 100 lbs.; cons. day, 1,000,000 gals.; cost, \$218,747; cost mtce., \$19,830; wks. owned by town.

SWASTIKA, p. 500; f. area, 80 a. F. dept.—ladders, buckets, axes, etc.

Water Supply—Src., riv.

TAVISTOCK, p. 1,000; f. area, 400 a. F. dept.—ladders, 1 hose reel, 1,000 ft. hose; tot. mem., 13 vol.

Water Supply—Src., wells; pump cap. day, 864,000 gals.; pres., 100 lbs.

TEESWATER, p. 854; f. area, 830 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. not perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, rub., gd., 1,000 ft.; cot., gd., 400 ft.; tot. hose, 1,400 ft.; f. al., bell & elec., 7 st. bx.; val. equip., \$15,000; val. bldgs., \$1,500; exp. dept., \$800; tot. mem., 16 vol.

Water Supply—Src., riv., ¼ m. bus. cent.; sys. pump dir.; 1 pump. eng.; mains, c. i., 1½ m.; 9 hyd.; pres., f. 180 lbs.; cost, \$16,000; cost mtce., \$400; wks. owned by town.

THEDFORD, p. 650; f. area, 500 a. F. dept.—1 hand eng., 200 ft. hose. No waterwks.

THESSALON, p. 1,945; f. area, 100 a.; bldgs., wd., stn., cem. & bk., 2 stor.; wd. rfs. perm. F. dept.—4 c. ex., 2 hose car.; hose, cot., gd., 500 ft.; rub., gd., 500 ft.; tot. hose, 1,000 ft.; f. al., bell & wh.; val. equip., \$14,000; val. bldgs., \$4,000; exp. dept., \$800; tot. mem., 17 vol.

Water Supply—Src., lake, ¼ m. bus. cent.; sys. pump dir.; 2 pump. eng., class dup., cap. day 140,000 gals.; mains, c. i., 5½ m., 4 to 6 in. dia.; 25 hyd.; 8 v.; 1 met.; pipe, galv. i.; pres., dom. 50 lbs., f. 120 lbs.; cons. day, 7,000 gals.; cost, \$22,000; cost mtce., \$2,000; wks. owned by city.

THOROLD, p. 2,273; f. area, 2,000 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; no fwks. ord.; causes of f. inv. F. dept.—1 stm. eng., 2 c. hand ex., 1 comb. c. & hose wag., 1 hose car.; hose, cot., rub. lined, gd., 1,650 ft.; inf., 400 ft.; tot. hose, 2,050 ft.; f. al., bell; val. equip., \$8,000; val. bldgs., \$5,000; exp. dept., \$1,200; tot. mem., 30 vol.

Water Supply—Src., canal, in bus. cent.; sys. pump to stdp.; stdp. cap., 100,000 imp. gals.; 2 pump. eng., cap. day, 2,000,000 imp. gals.; mains, c. i., 6 m., 4 to 12 in. dia.; 68 hyd.; 75 v.; 6 met.; 417 serv.; pipe, galv. i.; pres., dom. 35 to 60 lbs., f. 160 lbs.; cons. day, 150,000 imp. gals.; cost, \$95,000; wks. owned by city.

THUNDER BAY, p. 13,500; f. area, 10,240 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 to 4 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 2 comb. c. & h. wag., 2 c. eng., 7 c. hand ex., 1 h. & l. trk., 3 hose wag., 2 hose car., 6 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; rub., gd., 500 ft.; inf., 1,000 ft.; tot. hose, 6,000 ft.; f. al., telp.; exp. dept., \$35,000; tot. mem. 26, pd. full time 13, vol. 13.

Water Supply—Not reported.

TILBURY, p. 962; f. area, 577 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., 1 hose car., 2 hrs.; hose, rub., gd., 1,500 ft.; f. al., bell & wh.; val. equip., \$3,000; val. bldgs., \$2,000; exp. dept., \$275; tot. mem., 10 vol.

Water Supply—Src., lake, 3 m. bus. cent.; sys. grav.; stdp. cap., 60,000 gals.; res. cap., 206,000; pump. eng., cap. day, 75,000 gals.; mains, iron, 4½ m., 4 to 12 in. dia.; 19 hyd.; 175 serv.; pres., dom. 30 lbs., f. 100 lbs.; cost, \$17,000; cost mtce., \$1,000; wks. owned by town.

TILLSONBURG, p. 2,758; f. area, 960 a.; merc. bldgs., bk., 3 stor.; priv., wd. & bk., 2 stor.; causes

of f. inv. F. dept.—1 h. & l. trk., 2 c. ex., 2 hose car., 1 hose wag., 1 hose sleigh; siamese couplings used; hose, cot., gd., 1,500 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$10,000; tot. mem. 23, pd. part time 4, vol. 18; undra. rating, first class.

Water Supply—Src., surface water, ¼ m. bus. cent.; sys. pump dir.; 2 pump. eng., cap. min. 1,360 gals.; mains, c. i., 5 m., 4 to 8 in. dia.; 46 hyd.; pres., f. 90 lbs.; cost, \$30,000; c. al. mtce., \$1,200; wks. owned by town.

TWERTON, p. 400; f. area, 500 a. F. dept.—ladders and buckets; tot. mem., 25 vol.

Water Supply—Src., wells.

TORONTO, p. 376,240; f. area, 85 sq. m.; merc. bldgs., bk. & stn., 3 to 12 stor.; priv., bk. & wd., 2½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 auto. comb. c. eng. & hose wag., 10 str., 2 c. eng., 9 h. & l. trk., 80 c. hand ex., 2 comb. c. & h. eng., 2 aer. trk. & portable water tower comb., 23 hose wag., 1 salvage wag., 2 supply wag., 41 hose wag., 4 hose wag. carrying 1,110 ft. each 3½-in. hose for high pres. sys., 1 high pres. wag., 1 wat. tower, 114 hrs., 5 h. & l. trk. sleighs, 12 two-horse hose sleighs, 4 one-horse sleighs (in reserve, 2 h. & l. trk., 1 h. & l. trk. sleigh, 3 four-wheeled hose wag., 1 four-wheeled two-horse c. eng., 1 str.); hose, rub., gd., 56,450 ft.; inf., 1,850 ft.; c. hose, gd., 2,400 ft.; inf., 50 ft.; tot. hose, 60,800 ft.; f. al., elec., 357 bx.; val. equip., \$500,000; exp. dept., \$582,000; tot. mem., 331, pd. full time.

Water Supply—Src., Lake Ontario, 2 m. bus. cent.; sys. pump dir.; res. cap., 36,000,000 gals.; 14 pump. eng., cap. day 124,000,000 gals.; mains, iron, 458 m., 4 to 36 in. dia.; 5,910 hyd.; 3,524 met.; 90,432 serv.; pipe, lead; pres., dom. 50 to 100 lbs., f. 150 to 300 lbs.; cons. day, 50,856,997 gals.; cost, \$11,200,000; cost mtce., \$408,935; wks. owned by city.

TORONTO JUNCTION (annexed to City of Toronto), p. 6,250; f. area, 1,100 a.; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd. & bk., 2 stor.; wd. rfs. perm.; fwks. ord. F. dept.—1 c. eng., 1 h. & l. trk., 2 hose car., 3 hrs.; hose, cot., gd., 2,500 ft.; inf., 2,000 ft.; tot. hose, 4,500 ft.; f. al., Gaylor, 30 st. bx.; val. equip., \$12,000; val. bldgs., \$8,000; exp. dept., \$5,000; tot. mem. 22, pd. full time 6, vol. 17.

Water Supply—Src., lake, 3 m. bus. cent.; sys. pump dir.; pump. eng., cap. day 3,750,000 gals.; mains, 22 m., 4 to 12 in. dia.; 209 hyd.; 155 v.; met., 11; 2,350 serv.; pres., dom. 40 to 45 lbs., f. 60 to 80 lbs.; cost, \$200,000; cost mtce., \$7,500; wks. owned by city.

TOTTENHAM, p. 600; f. area, 400 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk., stn. & wd., 1½ stor.; wd. rfs. perm. in f. area; causes of f. inv. F. dept.—1 h. eng., 1 h. & l. trk., 1 hose car.; hose, cot., rub. lined, gd., 850 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$3,000; tot. mem., 25 vol.

Water Supply—Src., mill pond, cistern, wells & tk.

TRENTON, p. 2,988; f. area, 1,800 a.; merc. bldgs., bk., 2 & 3 stor.; priv., wd. & bk., 1½ to 3 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—2 stm. eng., 12 c. ex., 3 hose car., 7 ladders, 1 hose wag., siamese couplings used, 5 hrs.; hose, cot., gd., 3,000 ft.; inf., 500 ft.; rub., gd., 500 ft.; tot. hose, 4,000 ft.; f. al., bell; val. equip., \$12,000; val. bldgs., \$5,000; exp. dept., \$1,500; tot. mem. 88, pd. full time 2, vol. 36; undra. rating, third class.

Water Supply—Src., spr., 2 m. bus. cent.; sys. pump to stdp. & dir.; stdp. cap., 20,000 gals.; res. cap., 40,000 gals.; 3 pump. eng., class trip., cap. day, 200,000 gals.; mains, c. & wrt. l., 15 m., 2 to 18 in. dia.; 4 hyd.; met., 20; 500 serv.; pipe, lead & i.; pres., dom. 40 lbs., f. 100 lbs.; cost, \$50,000; cost mtce., \$1,000; wks. owned by Co.

TWEED, p. 1,368; f. area, 30 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; causes of f. inv. F. dept.—1 str., extension ladders, 24 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 300 ft.; inf., 400 ft.; tot. hose, 1,900 ft.; f. al., bell; val. equip., \$4,000; val. bldgs., \$1,000; exp. dept., \$200; tot. mem., 14 vol.

Water Supply—Src., riv., lake & tk., 100 yards bus. cent.

UXBRIDGE, p. 1,433; f. area, 400 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfs. not perm. in f. area. F. dept.—1 hand eng., 1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,200 ft.; rub., gd., 300 ft.; inf., 100 ft.; tot. hose, 1,600 ft.; f. al., bell; val. equip., \$12,000; tot. mem. 24, pd. part time.

Water Supply—Src., creeks, in bus. cent.; sys. pump dir.; pump. eng., cap. day 720,000 gals.; mains, c. i., 3½ m., 6 in. dia.; 16 hyd.; pres., f. 180 lbs.; cost, \$15,000; cost mtce., \$800; wks. owned by town.

VANSLEEK HILL, p. 1,650; f. area, 500 a.; merc. bldgs., bk., 1 to 5 stor.; priv., bk., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hand eng.; hose, gd., 1,000 ft.; inf., 200 ft.; tot. hose, 1,200 ft.; val. equip., \$1,000; val. bldgs., \$500; tot. mem. 20 vol.

Water Supply—Src., well, near bus. cent.

WALKERTON, p. 3,000; f. area, 160 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 5 c. hand ex., 2 hose wag., 2 hose reels; hose, rub. lined, gd., 1,500 ft.; f. al., telp.; val. bldgs., \$3,000; tot. mem., 25 vol.

Water Supply—Src., spr., 1¼ m. bus. cent.; sys., grav.; res. cap., 250,000 gals.; mains, iron, 5½ m., 4 to 8 in. dia.; 52 hyd.; 790 serv.; pipe, galv. l.; pres., dom. 50 lbs., f. 60 to 100 lbs.; cost, \$50,000; cost mtce., \$900; wks. owned by town.

WALKERVILLE, p. 3,290; f. area, 639 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & frame, 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 h. & l. trk., 1 c. eng., 6 c. hand ex., 2 hose reels; hose, gd., 5,000 ft.; f. al., elec., 21 bx.; tot. mem. 33, pd. part time 6, vol. 27.

Water Supply—Src., riv., 1,500 ft. bus. cent.; 4 pump. eng., class comp., cap. day 7,000,000 gals.; mains, c. i., 16 m., 4 to 16 in. dia.; 154 hyd.; met., 60; 1,050 serv.; pres., dom. 65 lbs., f. 125 lbs.; wks. owned by city.

WATERFORD, p. 1,092; f. area, 440 a. F. dept.—1 hand eng., 1 h. & l. trk.; hose, gd., 600 ft.; val. equip., \$800; val. bldgs., \$5,600; mem., all vol.; undrs. rating, 1¼ to 3¼ class.

Water Supply—Src., wells.

WATERLOO, p. 4,359; f. area, 400 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; rub., gd., 950 ft.; inf., 450 ft.; tot. hose, 2,900 ft.; f. al., bell, 9 bx.; val. equip., \$5,000; val. bldgs., \$7,000; exp. dept., \$2,600; tot. mem., 15 vol.; undrs. rating, Class B.

Water Supply—Src., spr., in bus. cent.; sys., pump to atdp.; stdp. cap., 225,000 gals.; mains, c. i., 21 m., 4 to 10 in. dia.; 75 hyd.; 48 v.; met., 400; 800 serv.; pipe, galv. l.; pres., f. 100 lbs.; cost, \$84,000; wks. owned by municipality.

WATFORD, p. 1,083; f. area, 400 a.; merc. bldgs., bk., 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hand eng., 1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$2,000; tot. mem., 40 vol.; undrs. rating, fourth class.

Water Supply—Src., tk.; res. cap., 250 bbls.

WEBBWOOD, p. 714; f. area, 780 a.; merc. bldgs., frame, 1 & 2 stor.; priv., frame, 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 h. & l. trk., 1 c. eng., 3 hose wag.; hose, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., wh.; val. equip., \$1,600; tot. mem., 22 vol.

Water Supply—Src., tk., 300 yards bus. cent.; sys., pump dir.; res. cap., 1,000,000 gals.

WELLAND, p. 5,318; f. area, 500 a.; merc. bldgs., stn., wd., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 2 c. hand ex., 1 h. & l. trk., 5 hose car., 1 hose wag.; hose, cot., rub. lined, gd., 2,500 ft.; rub., gd., 300 ft.; inf., 400 ft.; tot. hose, 3,200 ft.; f. al., elec., 6 bx.; val. bldgs., \$4,500; exp. dept., \$1,500; tot. mem. 55, pd. part time 40, vol. 15.

Water Supply—Src., canal & lake, 8 m. bus. cent.; sys., pump dir.; res. cap., 1,000,000 gals.; 3 pump. eng., cap. day, 3,500,000 gals.; mains, c. i., 16.4 m., 8 to 16 in. dia.; 134 hyd.; 78 v.; 4 met.; 1,597 serv.; pipe, lead & galv. i.; pres., dom. 80 lbs., f. 110 lbs.; cons. day, 1,200,000 gals.; cost, \$212,516; cost mtce., \$7,976; wks. owned by town.

WELLINGTON, p. 795; f. area, 100 a.; merc. bldgs., bk. & wd., 1½ to 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. not inv. F. dept.—buckets & ladders.

No waterwks.

WESTPORT, p. 808; f. area, 100 a.; bldgs., wd. & bk., 1½ & 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—4 hand eng., 20 c. ex.; hose, cot., gd., 500 ft.; f. al., bell.

Water Supply—Src., lake, on one side & strm. on the other side, giving a sufficient supply.

WESTON, p. 1,875; f. area, 450 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell.

Water Supply—Src., riv.; res. cap., 160,000 gals.; mains, c. i., 3 m., 4 to 10 in. dia.; 80 hyd.; cost, \$60,000; wks. owned by city.

WHITBY, p. 2,248. F. dept.—1 stn. eng., 2 c. hand ex., 1 h. & l. trk., 1 hose wag., 3 hose car.; hose, rub. lined, gd., 2,400 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$1,200; exp. dept., \$600; tot. mem., 30 vol.; undrs. rating, third class.

Water Supply—Src., Lake Ontario, 1¼ m. bus. cent.; sys., pump dir. to atdp.; stdp. cap., 200,000 gals.; 3 pump. eng., cap. 1,140,000 gals.; mains, c. i., 8½ m., 4 to 12 in. dia.; 49 hyd.; pres., 100 to 140 lbs.; cost, \$76,000; cost mtce., \$3,000; wks. owned by city.

WIARTON, p. 2,266; f. area, 300 a.; merc. bldgs., stn., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 h. & l. trk., 1 hose sleigh, 2 hose reels; hose, cot., rub. lined, gd., 1,200 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$2,000; exp. dept., \$460; tot. mem., 18 vol.

Water Supply—Src., bay; sys., pump dir.; stdp. dim., 80 x 80; mat., stn.; 2 pump. eng., cap. day 936,000 gals.; mains, iron, 6 m., 2 to 10 in. dia.; 29 hyd.; pres., dom. 85 lbs., f. 120 lbs.; cost, \$52,000; cost mtce., \$4,057; wks. owned by town.

WINCHESTER, p. 1,131; f. area, 500 a.; merc. bldgs., bk. & cem., 1 & 2 stor.; priv., frame, 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hand eng., 1 hose wag.; hose, gd., 1,200 ft.; f. al., bell; val. equip., \$500; val. bldgs., \$2,000 tot. mem., 5 vol.

Water Supply—Src., wells.

WINDSOR, p. 14,500; f. area, 2,500 a.; merc. bldgs., bk. & stn., 2 to 6 stor.; priv., wd., 1 & 2 stor.; wd. rfs. not perm. in f. area. F. dept.—1 auto. comb. pump, c. & h. eng., 1 comb. c. & h. wag., 5 c. ex., 1 aer. trk., 1 h. & l. trk., 3 hose wag., 2 exercise wag., 7 hrs.; hose, cot., gd., 5,500 ft.; f. al., National, 48 st. bx.; val. equip. & bldgs., \$22,728; exp. dept., \$16,000; tot. mem. 23, pd. full time 13, pd. part time 10; undrs. rating, Class B.

Water Supply—Src., riv.; sys., pump dir.; 5 pump. eng., class comp. dup., cap. day, 20,500,000 gals.; mains, c. i., 52 m., 4 to 16 in. dia.; 359 hyd.; 197 v.; met., 37; 2,900 serv.; pipe, lead; pres., dom. 45 lbs., f. 85 to 100 lbs.; cost, \$336,000; cost mtce., \$40,000; wks. owned by city.

WINGHAM, p. 2,238; f. area, 600 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 hose wag., hose car.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 700 ft.; tot. hose, 2,200 ft.; f. al., bell & telp.; val. equip., \$2,500; val. bldgs., \$500; exp. dept., \$1,250; tot. mem., 22; undrs. rating, third class.

Water Supply—Src., riv., ¾ m. bus. cent.; sys., pump dir. into atdp.; 2 pump. eng., cap. day 720,000 gals.; mains, iron, 8 m., 6 to 10 in. dia.;

25 hyd.; 13 v.; pres., f. 100 lbs.; cost, \$29,800; cost mtee., \$17,800; wks. owned by city.

WOODBIDGE, p. 600; f. area, 500 a.; merc. bldgs., bk. & wd., 2 stor.; priv., bk., 1½ stor.; wd. rfs. perm. in f. area. F. dept.—1 hand eng., hose, gd., 800 ft.

WOODSTOCK, p. 9,820; f. area, 820 a.; merc. bldgs., bk. & wd., 2 & 4 stor.; priv., bk. & wd., 2 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—4 c. hand ex., 1 h. & l. trk., 2 hose wag., 1 hose car., 5 hrs.; hose, cot., rub. lined, gd., 3,800 ft.; inf., 200 ft.; tot. hose, 3,500 ft.; f. al., elec., 21 bx.; val. equip., \$11,900; val. bldgs., \$10,800; exp. dept., \$7,740; tot. mem., 9, pd. full time 8, pd. part time 1.

Water Supply—Src., spr.; sys., pump dir.; res. cap., 1,000,000 gals.; 3 pump. eng., cap. day 12, 000,000 gals.; mains, 27 m., 4 to 12 in. dia.; 173

hyd.; 140 v.; met., 18; 2,000 serv.; pres., dom. 60 lbs., f. 125 lbs.; cost, \$215,000; cost mtee., \$23,000 (including int. & sinking fund); wks. owned by city.

WYOMING, p. 700; f. area, 50 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 str., 1 hose wag.; hose, gd., 300 ft.; f. al., bell; val. equip., \$800; val. bldgs., \$500; vol.

Water Supply—Src., wells, near bus. cent.; sys., pump dir.; 1 pump. eng.; stdp. cap., 9,000 gals.; wks. owned by village.

Places with a population of 1,000 or more having no organized fire dept.—L'Orignal.

Places with a population of 1,000 or more not reported—Arthur, Brighton, Dutton, New Liskeard, Wallaceburg.

PRINCE EDWARD ISLAND

CHARLOTTETOWN, p. 11,203; f. area, 1,000 a.; merc. bldgs., bk. & wd., 3 & 4 stor.; priv., wd. & bk., 2½ & 4 stor.; wd. rfs. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 3 c. hand ex., 1 h. & l. trk., 2 hose wag., 6 hose car., 4 hrs.; hose, cot., rub. lined, gd., 3,500 ft.; inf., 1,000 ft.; tot. hose, 4,500 ft.; f. al., elec., 40 bx.; val. equip., \$10,000; val. bldgs., \$15,000; exp. dept., \$5,000; tot. mem., 40 vol.

Water Supply—Src., wells, 2½ m. bus. cent.; sys., pump to res.; res. cap., 1,125,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. l., 18 m., 4 to 18 in. dia.; 92 hyd.; 217 v.; met., 16; 2,800 serv.; pipe, lead; pres., dom. 60 lbs., f. 65 lbs.; cons. day, 800,000 gals.; cost, \$261,000; cost mtee., \$9,000; wks. owned by city.

SUMMERSIDE, p. 2,678; f. area, 200 a.; merc. bldgs., bk. & wd., 2 to 4 stor.; priv., bk., str. & wd., 1½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 1 salvage wag., 3 hose car., 2 hrs.; hose, cot., rub. lined, gd., 2,300 ft.; f. al., bell & wh.; val. equip., \$7,900; exp. dept., \$2,000; tot. mem., 50; pd. part time, undrs. rating, second class.

Water Supply—Src., wells; sys., pump to stdp.; stdp. cap., 366,000 gals.; 2 pump. eng., class comp., cap. day 1,008,000 gals.; 56 hyd.; pres., dom. 78 lbs., f. 90 lbs.

Places with a population of 1,000 or more having no organized fire dept.—Georgetown, Souris.

QUEBEC

ARTHABASKA, p. 1,500; f. area, 25 a.; merc. bldgs., bk. & wd., 1½ to 3 stor.; priv., bk. & wd., 1½ to 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose reel, 1 ex.; hose, cot., rub. lined, gd., 500 ft.; 500 ft. old hose; tot. hose, 1,000 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$50; tot. mem., 10, pd. part time.

Water Supply—Src., well, ½ m. bus. cent.; sys., dir. pres.; mains, 2 to 8 in. dia.; 15 hyd.; pres., dom. 90 lbs., f. 90 lbs.; cost, \$20,000; wks. owned by town.

AYLMER, p. 3,109; f. area, 1,347 a.; merc. bldgs., bk. & wd., 1½ & 2 stor.; priv., bk., str. & wd., 1½ & 2 stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 h. & l. trk., 1 hose wag., 1 hose car., 2 hose reels; hose, rub. lined, fair, 1,600 ft.; f. al., elec., wh. & tel.; val. equip., \$3,800; val. bldgs., \$300; exp. dept., \$257; tot. mem., 20 vol.; undrs. rating, fourth class.

Water Supply—Src., Lake Deschenes, ½ m. bus. cent.; sys., pump to stdp. & dir. pres.; stdp. cap., 60,000 gals.; 2 pump. eng., cap. day, 1,200,000 gals.; mains, c. l., 4 2-5 m., 4 to 12 in. dia.; 32 hyd.; 43 v.; met., 4; 450 serv.; pipe, lead; pres., dom. 70 lbs., f. 120 to 140 lbs.; cons. day, 250,000 gals.; cost, \$53,000; cost mtee., \$5,000; wks. owned by city.

BEAUHARNOIS, p. 2,015; f. area, 4 sq. m.; merc. bldgs., bk. & str., 2½ stor.; priv., bk., str. & wd. F. dept.—1 str., 1 comb. c. & h. wag., 1 c. eng., 2 hose wag., 3 reels; hose, cot., rub. lined, 2,500 ft.; f. al., tel. sys., 5 bx.; val. equip., \$3,500; val. bldgs., \$4,000; exp. dept., \$250; tot. mem., 12 vol.; undrs. rating, third class.

Water Supply—Src., riv.; sys., pump dir.; pump. eng., cap. min., 1,440 gals.; mains, 5 m.; 32 hyd.; 495 serv.; pres., f. 125 lbs.; cost, \$82,000; wks. owned by city.

BEAUFORT, p. 1,200. No org. f. dept.—1 str., 2 horsepower eng., 1 h. & l. trk., 6 hose car.; hose, cot., rub. lined, gd., 1,500 ft.

Water Supply—Src., spr., 4½ m. bus. cent.;

sys., grav.; mains, 6½ m., 3 to 12 in. dia.; 9 hyd.; pres., f. 135 lbs.; cost, \$34,000; wks. owned by city.

BRAMPTONVILLE, p. 1,200; f. area, 1,600 a.; merc. bldgs., wd., 1 to 3 stor.; fwks. & combt. ord. F. dept.—1 h. & l. trk., 1 hose reel, 10 c. hand ex., 1 hand eng.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 400 ft.; tot. hose, 1,600 ft.; f. al., bell & wh.

Water Supply—Src., St. Francis Riv., in bus. cent.; sys., pump dir.; 1 pump. eng.; cap. day 1,440,000 gals.; mains, 1,500 ft., 7 to 10 in. dia.; wks. owned by city.

BUCKINGHAM, p. 4,000; f. area, 1,300 a.; merc. bldgs., wd., 1½ to 3 stor.; priv., wd., 2½ stor. F. dept.—1 h. & l. trk., 8 hose reels, 2 c. hand ex., 1 hand eng.; hose, cot., rub. lined, gd., 1,800 ft.; inf., 500 ft.; tot. hose, 2,300 ft.; tot. mem., 20, pd. full time 2, vol. 18.

Water Supply—Src., riv., 1,400 ft. bus. cent.; sys., pump; 1 pump. eng., cap. day 1,000,000 gals.; mains, 10 m., 4 to 12 in. dia.; 90 hyd.; 10 serv.; pipe, lead; pres., dom. 60 lbs., f. 90 lbs.; cost, \$75,000; cost mtee., \$2,000; wks. owned by municipality.

CAPE ST. IGNACE, p. 3,500. F. dept.—Hose, cot., rub. lined, gd., 800 ft.; vol.

Water Supply—Src., wells, 3 m. bus. cent.; mains, iron, 8 m., 4 to 10 in. dia.; 10 hyd.; 150 serv.; pipe, iron; pres., dom. 130 lbs., f. 130 lbs.; cost, \$40,000; cost mtee., \$150; wks. owned by municipality.

CHARNY, p. 1,408; f. area, 1,680 a.; merc. bldgs., wd., 2 stor.; priv., wd.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose reel; hose, cot., rub. lined, gd., 400 ft.; rub., gd., 300 ft.; tot. hose, 700 ft.; val. equip., \$1,000; vol.

Water Supply—Src., well & riv., 1 m. bus. cent.; sys., pump; res. cap., 115,000 gals., loc. in bus. cent.; 2 pump. eng., cap. day 3,500,000 gals.; mains, 1½ m., 4 to 16 in. dia.; 10 hyd.; 50 serv.; pres., dom. 60 to 70 lbs., f. 100 lbs.; cons. day, 350,000 gals.; wks. owned by city.

CHENEVILLE, p. 504; merc. bldgs. wd., 1½ stor.; wd. rfa. perm. in f. area; fwks. & combt. ord. F. dept.—1 hose reel; hose, cot., rub. lined, gd., 600 ft.; exp. dept., \$106; tot. mem., 22 vol.

Water Supply—Src., aqueduct, cap. 9,887 gals., loc. on a mountain; mains, c. i., 1 m., 8 to 4 in. dia.; wks. owned by priv. Co.

CHICOUTIMI, p. 5,880; merc. bldgs. bk., 1 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 h. & l. trk., 1 hose wag., 2 hose car.; hose, cot., rub. lined, gd., 2,400 ft.; linen, 200 ft.; tot. hose, 2,600 ft.; f. al., telp.; val. equip., \$5,000; exp. dept., \$800; tot. mem., 9 vol., 6, 3 pd. men; undra. rating, fourth class.

Water Supply—Src., riv., 2 m. bus. cent.; sys., grav.; mains, 6 m., 8 to 10 in. dia.; 40 hyd.; pres., dom. 90 lbs.; f. 135 lbs.; cost, \$103,000; cost mtce., \$850.

COATICOOK, p. 3,165; f. area, 640 a.; bldgs., wd. & bk., 1 to 3 stor.; wd. rfa. perm. except on principal sta. F. dept.—1 str., 1 hand eng., 2 c. ex., 1 h. & l. trk., 2 hose car., 1 hose wag.; hose, linen, gd., 1,500 ft.; linen, unlined, gd., 500 ft.; tot. hose, 2,000 ft.; f. al., bell, telp. & wh.; 3 hrs., val. \$400; val. equip., \$7,000; exp. dept., \$1,000; tot. mem., 36, pd. part time 16, vol. 20.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; stdp. cap., 50,000 gals.; mat., iron; res. cap., 250,000 gals.; mains, wrt. i., 6 m., 3 to 8 in. dia.; 16 hyd.; 500 serv.; pipe, iron; pres., dom. 80 lbs., f. 90 lbs.; cost, \$52,000; cost mtce., \$1,200; wks. owned by Co.

CONTRECOUR, p. 680; f. area, 218 a.; merc. bldgs., bk. & wd., 1½ to 3 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 hose wag.; hose, cot., rub. lined, gd., 800 ft.; f. al., bell; val. equip., \$12,000; exp. dept., \$900; tot. mem., 7 vol.

Water Supply—Src., St. Lawrence riv., 400 ft. from bus. cent.; sys., pump; res. cap., 50,000 gals., loc. on hill; 1 pump. eng., cap. 95 gals. min.; mains, 8,000 ft., 2 to 4 in. dia.; wks. owned by city.

COOKSHIRE, p. 1,003; f. area, 400 yards; merc. bldgs., wd., 2 to 3 stor.; priv., bk. & wd., 1½ to 2 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose carts; hose, 1,500 ft.; f. al., bell & wh.; val. equip., \$2,000; val. bldgs., \$375; tot. mem., 25 vol.

Water Supply—Src., spr., 2½ m. bus. cent.; sys., pump to res.; res. cap., 500,000 gals.; mains, c. i., 2 m., 4 to 10 in. dia.; 50 hyd.; 9 v.; 2 met.; 150 serv.; pres., dom. 110 to 150 lbs., f. 40 to 150 lbs.; cost, \$20,000; cost mtce., \$300; wks. owned by city.

COWANSVILLE, p. 881; f. area, 400 a.; bldgs., bk. & wd., 1½ to 4 stor.; fwks. & combt. ord. No org. f. dept.—1 h. & l. trk., 2 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; rub., gd., 1,000 ft.; tot. hose, 2,000 ft.; undra. rating, fifth class.

Water Supply—Src., spr. & brooks, 1½ m. bus. cent.; sys., grav.; stdp. cap., 3,000,000 gals.; res. cap., 1,500,000 gals.; mains, c. i., 6 m., 4 to 12 in. dia.; 31 hyd.; 9 v.; 84 serv.; pres., dom. 75 lbs., f. 75 lbs.; cost, \$21,655; cost mtce., \$800; wks. owned by city.

DANVILLE, p. 1,200; f. area, 640 a.; bldgs., bk. & wd., 2 & 3 stor.; wd. rfa. not perm. F. dept.—2 h. & l. trk., 6 hose car.; hose, 2,050 ft.; f. al., bell & wh.; val. equip., \$2,000; tot. mem., 25 vol.; undra. rating, fifth class.

Water Supply—Src., strm. & cisterns; 30 hyd.; sys., pump to res.; 2 pumps, cap. day 188,640 gals.; 30 hyd.; pres., 27 to 90 lbs.; wks. owned by city.

FRASERVILLE, p. 6,774; f. area, 4,800 a.; merc. bldgs., wd. & bk., 1 to 3 stor.; priv., wd. & bk., 1 to 3 stor.; wd. rfa. perm.; fwks. ord.; causes of f. inv. F. dept.—1 str., 6 h. & l. trk., 2 hose car., 3 hose wag.; hose, cot., gd., 3,500 ft.; linen, gd., 1,500 ft.; tot. hose, 5,000 ft.; f. al., telp.; 8 hrs., val. \$400; val. equip., \$18,500; val. bldgs., \$16,000; exp. dept., \$5,500; tot. mem., 19, pd. part time 10, vol. 9, pd. by the year; undra. rating, fifth class.

Water Supply—Src., lake & riv.; sys., grav. & pump to stdp.; stdp. dim., 30 x 20; res. cap.,

300,000 gals.; mains, 8 m., 4 to 24 in. dia.; 115 hyd.; 40 met.; 1,200 serv.; pipe, lead; cost, \$500,000; cost mtce., \$3,500; wks. owned by town.

GRANBY, p. 4,750; f. area, 400 a.; merc. bldgs., bk. & wd., 2 & 3 stor.; priv., wd., 2 stor.; wd. rfa. not perm. in f. limits; fwks. ord. F. dept.—2 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., gd., 1,500 ft.; f. al., elec. & bell, 11 st. bx.; 2 hrs.; val. equip., \$3,500; exp. dept., \$2,000; tot. mem., 18, pd. part time.

Water Supply—Src., lake, 5 m. bus. cent.; sys., grav.; mains, c. i., 14½ m., 4 to 10 in. dia.; 83 hyd.; 700 serv.; pipe, lead; pres., f., 90 to 110 lbs.; cost, \$150,000; cost mtce., \$1,000; wks. owned by city.

HULL, p. 17,585; f. area, 4,000 a.; merc. bldgs., stn., bk. & wd., 2 to 5 stor.; priv., stn., bk. & wd., 2 to 5 stor.; wd. rfa. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 10 c. hand ex., 2 h. & l. trk., 4 hose wag., 1 hose reel, 1 chief's buggy, 15 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 550 ft.; tot. hose, 8,550 ft.; f. al., Gamewell, 49 bx.; val. equip., \$12,000; val. bldgs., \$47,500; exp. dept., \$19,700; tot. mem., 23, pd. full time.

Water Supply—Src., riv., ½ m. bus. cent.; sys., pump dir.; 7 pump. eng., cap. day 17,000,000 gals.; mains, c. i., 25 m., 4 to 20 in. dia.; 200 hyd.; 300 v.; 8 met.; 3,500 serv.; pipe, lead; pres., dom. 70 lbs.; f. 105 lbs.; cons. day, 4,500,000 gals.; cost, \$550,000; cost mtce., \$6,000; wks. owned by city.

HUNTINGDON, p. 1,265; f. area, 200 a.; merc. bldgs., bk. & wd., 1½ to 2 stor.; priv., bk. & wd., 1½ & 2 stor.; wd. rfa. perm.; combt. ord. F. dept.—2 hose car.; f. al., bell; val. equip., \$1,500; val. bldgs., \$2,000; exp. dept., \$168; tot. mem., 16, pd. part time; undra. rating, fifth class.

Water Supply—Src., riv.; sys., dir. pres. & pump. to tk.; cap. tk., 55,000 gals.; 30 hyd.; mains, 4½ m., 4 to 8 in. dia.; pres., f. 80 to 100 lbs.

IBERVILLE, p. 1,905; bldgs., wd. & bk., 2 stor.; wd. rfa. perm. F. dept.—1 h. & l. trk., 2 hose car.; hose, cot., gd., 2,000 ft.; f. al., gong; tot. mem., 60, 10 pd. full time, 50 vol.; undra. rating, fifth class.

Water Supply—Src., riv.; sys., pump dir.; 2 pump. eng., cap. day 18,640,000 gals.; mains, 4½ m.; 35 hyd.; 16 v.; pres., dom. 70 to 80 lbs., f. 120 lbs.; cost, \$45,000; cost mtce., \$1,800; wks. owned by city.

JOLIETTE, p. 6,346; f. area, 1 sq. m.; merc. bldgs., bk. & stn., 3 to 4 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. not perm.; fwks. ord. F. dept.—1 str., 1 h. & l. trk., 2 hose car., all kinds, 3 c. ex.; siamese couplings used; hose, cot., rub. lined, 3,000 ft.; f. al., bell; 2 hrs., val. \$400; val. equip., \$15,000; val. bldgs., \$25,000; tot. mem., 14, pd. full time 7, pd. part time 1, vol. 6; undra. rating, third class.

Water Supply—Src., riv.; sys., pump dir.; pump. eng., cap. day 5,800,000 gals.; mains, iron, 8 m., 4 to 8 in. dia.; 75 hyd.; 28 v.; 1,200 serv.; pres., dom. 50 lbs., f. 100 to 120 lbs.; cost, \$90,000; cost mtce., \$2,000; wks. owned by town.

KNOWLTON, F. dept.—Not reported.

Water Supply—Src., spr. & strm., 1½ m. bus. cent.; sys., grav.; res. cap., 1,000,000 gals.; mains, c. i., 8 m., 4 to 10 in. dia.; 30 hyd.; 80 v.; pipe, c. i.; pres., dom. 85 lbs., f. 85 lbs.; cost, \$25,000; cost mtce., \$150; wks. owned by corporation.

LACHINE, p. 10,699; f. area, 2,850 a.; merc. bldgs., bk. & stn., 2 to 4 stor.; priv., bk., stn. & wd., 2 & 3 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 8 c. ex., 2 h. & l. trk., 1 aer. trk., 3 hose car., 1 hose wag., 7 hrs.; hose, rub. lined, gd., 4,500 ft.; inf., 600 ft.; tot. hose, 5,100 ft.; f. al., bell & wh., 24 bx.; val. equip., \$19,000; val. bldgs., \$9,500; exp. dept., \$5,000; tot. mem., 24, pd. part time 14, pd. full time 10; undra. rating, third class.

Water Supply—Src., riv.; sys., pump dir.; 3 pump. eng., class dup. & hor., cap. day 5,900,000 gals.; mains, c. i., 28.70 m., 4 to 14 in. dia.; 225 hyd.; 245 v.; 34 met.; 1,300 serv.; pipe, lead; pres., dom. 70 lbs., f. 120 lbs.; cons. day, 4,000,000 gals.; cost, \$325,000; cost mtce., \$7,200; wks. owned by city.

LACHUTE, p. 2,407; f. area, 3 m.; merc. bldgs., wd. & bk., 2½ stor.; priv., wd. & bk., 1½ & 2

stor.; wd. rfa. perm.; no fwks. & combt. ord. F. dept.—1 hand eng., 1 hose car.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$2,000; undra. rating, fourth class.

Water Supply—Src., brook, 3 m. bus. cent.; sys., grav.; mains, 7 m., 4 to 6 in. dia.; pres., f. 60 lbs.; cost, \$30,000; wks. owned by Co.

LAPRAIRIE, p. 2,388; f. area, 200 a.; merc. bldgs., bk. & stn., 2 stor.; priv., wd., bk. & stn., 1 & 2 stor.; wd. rfa. perm.; fwks. ord. F. dept.—1 str., 1 c. eng., 1 h. & 1 trk.; 1 hose car., 2 hose wag.; hose, cot., gd., 1,600 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$2,000; exp. dept., \$200; tot. mem., 50 vol.; undra. rating, fifth class.

Water Supply—Src., riv.; sys., pump to atdp.; atdp. cap., 60,000 gals.; 2 pump. eng., class trip., cap. day 750,000 gals.; mains, c. & galv. l., 6 m., 4 to 6 in. dia.; 17 hyd.; 55 v.; met., 5; 425 serv.; pipe, galv. l. & lead; pres., dom. 30 lbs., f. 75 lbs.; cost, \$35,000; cost mtce., \$900; wks. owned by city.

LAURENTIDES, p. 1,200; f. area, 300 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area. F. dept.—3 hose wag.; hose, cot., gd., 1,000 f. al., bell; val. equip., \$3,000; val. bldgs., \$2,000; tot. mem., 12 vol.

Water Supply—Src., riv., 400 ft. bus. cent.; sys., grav. & dir. pres.; res. cap., 40,000 gals.; 2 pump. eng.; mains, iron, 10 m., 2 to 6 in. dia.; 2 hyd.; 350 serv.; pipe, iron & lead; pres., dom. 20 lbs., f. 40 lbs.; cons. day, \$50,000 gals.; cost, \$18,000; cost mtce., \$2,000; wks. owned by municipality.

LAUZON, p. 4,000. F. dept.—900 ft. hose.

No waterwks.

LENNOXVILLE, p. 1,211; f. area, 2,845 a.; merc. bldgs., bk., 1½ & 3 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 3 c. hand ex., 2 hose car., 1 h. & 1 trk.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell.

Water Supply—Src., spr., 1½ m. bus. cent.; sys., grav. & pump dir.; res. cap., 1,000,000 gals.; 2 pump. eng., cap. day 250,000 gals.; mains, c. l., 5 m., 4 to 8 in. dia.; 25 hyd.; 7 v.; 2 met.; pres., f. 75 lbs.; wks. owned by Co.

LEVIS, p. 7,452; merc. bldgs., wd. & bk., 2 & 3 stor.; priv., wd. & bk., 1½ to 3 stor.; wd. rfa. perm.; no fwks. ord. F. dept.—8 str., 2 hand eng., 5 c. ex., 8 h. & 1 trk., 8 hose car., all kinds; hose, rub., gd., 2,000 ft.; inf., 1,500 ft.; cot., gd., 4,000 ft.; linen, gd., 400 ft.; tot. hose, 7,900 ft.; f. al., tel., 110 st. bx.; 5 hrs., val. \$1,000; val. equip., \$35,000; val. bldgs., \$30,000; exp. dept., \$6,500; tot. mem. 41, pd. full time 16, pd. part time 25.

Water Supply—Src., riv.; sys., pump to res.; atdp. cap., 100,000 gals.; pump. eng., cap. day 1,000,000 gals.; mains, c. l., 10 m., 4 to 12 in. dia.; 107 hyd.; 150 v.; 1,300 serv.; pipe, galv. l.; pres., dom. 50 to 150 lbs.; cost, \$278,000; wks. owned by city.

LONGUEUIL, p. 3,972; f. area, 500 a.; merc. bldgs., stn., bk. & wd., 1 & 2 stor.; wd. rfa. perm.; fwks. ord. F. dept.—1 h. & 1 trk., 6 hose car., 1 hose wag., 2 hand pumps; hose, cot., gd., 2,100 ft.; f. al., elec. & bell, 11 st. bx.; 1 hrs., val. \$100; val. equip., \$3,400; val. bldgs., \$200; exp. dept., \$1,100; tot. mem. 7, pd. full time; undra. rating, fourth class.

Water Supply—Src., St. Lawrence riv., 1 m. bus. cent. Montreal; sys., pump dir. to mains; 2 pump. eng., cap. day 1,500,000 gals.; mains, c. l., 7½ m., 4 to 8 in. dia.; 57 hyd.; 75 v.; 690 serv.; pipe, lead; pres., dom. 50 lbs., f. 90 lbs.; cons. day, 350,000 gals.; cost mtce., \$3,000; wks. owned by town.

LOUISEVILLE, p. 1,675; f. area, 28 a.; merc. bldgs., 20 ft.; priv., 40 ft.; wd. rfa. perm. F. dept.—2 str., 1 hand eng., 1 c. eng., 4 c. ex., 2 h. & 1 trk., 2 hose car.; hose, cot., gd., 2,000 ft.; rub., gd., 100 ft.; leather, gd., 100 ft.; tot. hose, 2,200 ft.; f. al., bell; 1 hrs., val. \$100; val. equip., \$2,500; val. bldgs., \$1,000; exp. dept., \$50; tot. mem., 12 vol.

Water Supply—Src., riv., 9 m. bus. cent.; sys., grav.; res. cap., 20,000 gals.; mains, 13 m., 3 to 16 in. dia.; 20 hyd.; pres., dom. 35 lbs., f. 25 to 30 lbs.; cost, \$4,200; wks. owned by town.

MAGOG, p. 3,000; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor. F. dept.—1 str., 1 h. &

1 trk., 4 c. hand ex., 1 hose reel; hose, rub., gd., 1,500 ft.; 23 vol.

Water Supply—Src., Magog riv., runs through town; sys., grav.

MANIWAKI, p. 1,600; f. area, 800 a.; merc. bldgs., wd., 1 to 2½ stor. F. dept.—1 hose reel, 1 hand eng.; hose, cot. lined, gd., 400 ft.; f. al., bell; vol.

Water Supply—Src., 2 riv., running through village.

MARIEVILLE, p. 1,500; f. area, 521 a.; merc. bldgs., bk., 1 to 3 stor.; priv., wd., 1½ stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & 1 trk., 2 hose reels, 15 c. hand ex., 2 hose wag., 1 hand eng.; hose, cot., rub. lined, gd., 1,500 ft.; inf., 500 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$1,600; val. bldgs., \$1,000; exp. dept., \$150; tot. mem., 13 vol.

Water Supply—Src., lake & spr., 1 m. bus. cent.; sys., pump dir.; res. cap., 300,000 gals.; 1 pump. eng.; mains, 6 m., 4 to 6 in. dia.; 32 hyd.; 300 serv.; pres., dom. 60 lbs., f. 70 lbs.; cons. day, 15,000 gals.; cost, \$60,000; cost mtce., \$500; wks. owned by municipality.

MASKINONGE, p. 800; f. area, 100 a.; merc. bldgs., bk. & wd., 1 & 2 stor.; priv., bk. & wd., 2 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. hand ex., 1 hose wag.; hose, cot., rub. lined, gd., 300 ft.; tot. mem., 25 vol.

Water Supply—Not reported.

MASTAI, p. 1,400; f. area, 2 sq. m.; bldgs., stn., 2 to 3 stor.; wd. rfa. not perm.; fwks. ord. F. dept.—1 str., 4 hand ex., 2 h. & 1 trk., 5 hose car., 1 hose & supply wag.; hose, cot., gd., 1,100 ft.; linen, gd., 1,400 ft.; tot. hose, 2,500 ft.; f. al., wh. & bell; val. equip., \$13,000; tot. mem., 52 vol.

Water Supply—Src., spr.

MONTMORENCY, p. 2,763; f. area, 455 a.; merc. bldgs., wd., 2 to 3 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfa. perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 1 hose reel; hose, rub. lined, gd., 400 ft.; inf., 400 ft.; tot. hose, 800 ft.; val. equip., \$900; val. bldgs., \$600; exp. dept., \$150; vol.

Water Supply—Src., Montmorency riv., 1 m. bus. cent.; sys., dir. pres.; mains, 3 m., 4 to 8 in. dia.; 15 hyd.; 33 v.; 700 serv.; pipe, iron & galv. lead; pres., dom. 125 lbs., f. 125 lbs.; cons. day, 37,000 gals.; cost, \$35,000; cost mtce., \$300; wks. owned by city.

MONTREAL, p. 466,197; f. area, 26,121 a.; merc. bldgs., stn. & bk., 2 to 10 stor.; priv., stn. & bk., 3 stor.; wd. rfa. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—19 str., 3 salvage wag., 3 c. eng., 150 c. hand ex., 24 h. & 1 trk., 6 aer. trk., 2 water towers, 36 hose wag., 3 siameses, 5 coal wag., 1 auto. hose wag., 1 auto. aer. trk., 1 auto. str., 255 hrs.; hose, cot., rub. lined, gd., 85,000 ft.; f. al., Gamewell, 693 br.; val. equip., \$500,000; val. bldgs., \$1,500,000; exp. dept., \$650,000; tot. mem. 521, pd. full time.

Water Supply—Src., St. Lawrence riv., 6 m. bus. cent.; sys., pump to res. & dir.; res. cap., 37,400,000 gals.; 7 pump. eng., cap. day 78,000,000 gals.; mains, c. l., 264.3 m., 8 to 36 in. dia.; 3,000 hyd.; 500 v.; 2,000 met.; 80,000 serv.; pipe, lead, 1 & 2 in. dia.; pres., dom. 35 to 125 lbs., f. 90 to 125 lbs.; cons. day, 42,800,000 gals.; cost mtce., \$350,000; wks. owned by city.

NICOLET, p. 2,500; f. area, 1,200 a. F. dept.—2,000 ft. hose.

Water Supply—Src., riv.; pump cap., 864,000 gals.; pres., 80 lbs.

ORNSTOWN, p. 782; f. area, 640 a.; merc. bldgs., bk., 2 & 3 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfa. perm.; fwks. ord. F. dept.—1 str., 2 hose car., 1 extension ladder; hose, rub., gd., 500 ft.; cot., gd., 450 ft.; inf., 50 ft.; tot. hose, 1,000 ft.; f. al., bell; 2 hrs., val. \$200; val. equip., \$4,000; val. bldgs., \$600; exp. dept., \$600; tot. mem. 25, pd. part time, vol. 40; undra. rating, fifth class.

Water Supply—Src., spr., 7 m. bus. cent.; sys., dir. pres.; mains, iron, 3 m., 2 to 4 in. dia.; 18 hyd.; 1 met.; pipe, galv. l.; pres., dom. 50 lbs., f. 100 lbs.; cost, \$57,842; wks. owned by city.

OUTREMONT, p. 10,000. F. dept.—2 ex., 1 hose sleigh, 1 hose wag., 2,700 ft. hose; tot. mem., 9 pd.

Water Supply—Src., riv.; sys., grav.; pres., 70 lbs.

QUEBEC, p. 78,067; f. area, 147,648 a.; merc. bldgs., bk., stn. & wd., 1 to 6 stor.; priv., bk., stn. & wd., 1 to 4 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 60 c. hand ex., 3 h. & 1 trk., 2 aer. trk., 17 hose reels, 88 hrs.; hose, cot., rub. lined, gd., 12,000 ft.; inf., 1,000 ft.; tot. hose, 13,000 ft.; f. al., Gamewell, 100 bx.; val. equip., \$60,000; val. bldgs., \$60,000; exp. dept., \$40,000; tot. mem., 56, pd. full time; undrs. rating, first class.

Water Supply—Src., lake & riv., 7 m. bus. cent.; sys., grav.; res. cap., 100,000,000 gals.; mains, c. i., 80 m., 4 to 30 in. dia.; 520 hyd.; 480 v.; 8,200 serv.; pipe, lead; pres., dom. 80 to 60 lbs.; f. 80 to 100 lbs.; cons. day, 12,000,000 gals.; cost, \$3,000,000; cost mtce., \$25,000; wks. owned by city.

RICHMOND, p. 2,200; merc. bldgs., wd. & bk., 1½ & 2 stor.; priv., wd. & bk., 1½ stor.; wd. rfs. not perm. F. dept.—1 hand eng., 2 h. & 1 trk., 2 hose car., buckets, &c.; hose, gd., 900 ft.; vol. brigade; undrs. rating, fourth class.

Water Supply—Src., brook, 3 m. bus. cent.; sys., grav.; res. cap., 900,000 gals.; mains, c. i., 7 m., 4 to 12 in. dia.; 42 hyd.; 15 v.; 485 serv.; pres., f. 80 lbs.; cost, \$60,000; cost mtce., \$400; wks. owned by municipality.

RIPOUSKI, p. 2,097; f. area, 250 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd., bk. & stn., 1 & 2 stor.; wd. rfs. perm. F. dept.—Priv. c. ex.; hose, cot., rub. lined, 1,800 ft.; f. al., bell & telp.

Water Supply—Src., lake, situated 6 m. bus. cent.; sys., grav.; mat., iron; res. cap., 500,000 gals.; cap. pumps day, 300,000 gals.; mains, c. i., 6 m., 6 to 10 in. dia.; 55 hyd.; pres., dom. 90 lbs., f. 170 lbs.; cons. day, 200,000 gals.; cost, \$125,000; cost mtce., \$500; wks. owned by city.

ST. AGATHE, p. 1,900; f. area, 1,758 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 & 2 stor. F. dept.—1 c. eng., 1 h. & 1 trk., 8 c. hand ex., 1 hose wag., 2 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; inf., 1,500 ft.; tot. hose, 4,000 ft.; f. al., bell; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 12 vol.

Water Supply—Src., spr. & lake, 2 m. bus. cent.; sys., grav.; mains, c. i., 7 m., 2 to 12 in. dia.; 80 hyd.; 300 serv.; pipe, lead; pres., dom. 70 lbs., f. 130 lbs.; cost, \$90,000; cost mtce., \$600; wks. owned by municipality.

ST. ANNE DE BEAUPRE, p. 2,000; merc. bldgs., wd., 1 to 4½ stor.; priv., wd., ½ to 2½ stor. F. dept.—1 hose reel, 1 ext. ladder; hose, rub., gd., 1,000 ft.; f. al., bell; tot. mem., 16 vol.

Water Supply—Src., spr., 1 m. bus. cent.; sys., grav.; res. cap., 95,000 gals.; mains, 6,000 ft., 3 to 6 in. dia.; 14 hyd.; pres., dom. 78 lbs.; cost, \$15,000; wks. owned by municipality.

ST. DENIS, p. 1,050; f. area, 250 a.; merc. bldgs., stn., bk. & wd., 1½ to 3 stor.; priv., wd., 1½ stor.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—4 h. & 1 trk., 1 hose reel, 2 c. hand ex., 1 hand eng., 1 hose wag.; hose, cot., rub. lined, gd., 600 ft.; val. equip., \$1,800; val. bldgs., \$1,000; exp. dept., \$50; tot. mem., 21, pd. full time 1, vol. 20.

Water Supply—Src., riv., 3 m. bus. cent.; sys., pump dir.; res. cap., 80,000 gals.; mains, iron, 4 m., 2½ to 4 in. dia.; 11 hyd.; cons. day, 20,000 gals.; cost, \$10,000; wks. owned by priv. Co.

ST. HENRI, p. 26,000; f. area, 424 a.; merc. bldgs., stn. & bk., 2 to 4 stor.; priv., bk. & wd., 2½ & 3 stor.; wd. rfs. not perm. on main st.; fwks. ord.; causes of f. inv. F. dept.—1 str., 8 c. ex., 2 h. & 1 trk., 3 hose car., 1 hose wag.; hose, cot., gd., 3,000 ft.; rub., gd., 1,000 ft.; inf., 500 ft.; linen, gd., 500 ft.; tot. hose, 5,000 ft.; f. al., telg., 55 st. bx.; 6 hrs. val. \$800; val. equip., \$15,000; val. bldgs., \$25,000; exp. dept., \$11,600; tot. mem., 20, pd. full time.

Water Supply—Src., riv.; sys., pump dir.; pump. eng.; mains, 16 m., 4 to 14 in. dia.; 36 hyd.; met., 12; pres., dom. 50 lbs., f. 75 lbs.; cost, \$112,000; wks. owned by city.

ST. HYACINTHE, p. 9,797; f. area, 2 sq. m.; merc. bldgs., bk., 3 to 5 stor.; priv., bk. & wd., 2 & 3 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—2 str., 6 c. ex., 1 h. & 1 trk., 4 hose car., all kinds, 1 hose wag.; hose, cot., gd., 4,800

ft.; f. al., elec., 32 st. bx.; 7 hrs.; val. equip., \$24,000; val. bldgs. & land, \$40,000; exp. dept., \$4,000; tot. mem., 30, pd. full time 10, pd. part time 10.

Water Supply—Src., riv., 1 m. bus. cent.; sys., pump. dir.; pump. eng., cap. day 4,250,000 gals.; mains, c. i., 86½ m., 2 to 20 in. dia.; 107 hyd.; 280 v.; 1,967 serv.; pipe, lead; pres., dom. 50 to 60 lbs., f. 80 to 120 lbs.; cons. day, 1,400,000 gals.; cost, \$250,000; cost mtce., \$7,000; wks. owned by city.

ST. JEROME, p. 8,478; f. area, 1,920 a.; merc. bldgs., bk., stn. & wd., 1½ to 3 stor.; priv., stn., bk. & wd., 2 stor.; wd. rfs. not perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 1 hand eng., 2 c. hand ex., 1 h. & 1 trk., 8 hose car., 1 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub., gd., 2,000 ft.; tot. hose, 4,000 ft.; f. al., elec., 19 bx.; val. equip., \$6,500; val. bldgs., \$7,000; exp. dept., \$2,100; tot. mem., 16, pd. part time 6, vol. 10.

Water Supply—Src., spr.; sys., grav.; mains, 2½ m., 6 to 16 in. dia.; cost, \$95,000; cost mtce., \$400; wks. owned by city.

ST. JOHN'S, p. 5,903; f. area, 1,261 a.; merc. bldgs., bk. & stn., 2 & 3 stor.; priv., bk., stn. & wd., 2 to 4 stor.; wd. rfs. not perm.; fwks. & combt. ord. F. dept.—1 str., 3 hose reels, 3 hose car., 5 hrs.; hose, cot., rub. lined, gd., 6,400 ft.; f. al., Gamewell, 17 bx.; val. equip., \$17,800; val. bldgs., \$6,500; exp. dept., \$3,400; tot. mem., 25, pd. full time 5, pd. part time 4, vol. 16.

Water Supply—Src., riv.; sys., pump to res. dir.; res. cap., 27,000 gals.; pump. eng., cap. day 1,800,000 gals.; mains, c. i., 17 m., 3 to 10 in. dia.; 67 hyd.; met., 13; 1,000 serv.; pipe, lead; cost, \$150,000; cost mtce., \$10,000; wks. owned by priv. party.

ST. JOSEPH, p. 1,500; f. area, 384 a. F. dept.—4 trk., 1,300 ft. hose.

Water Supply—Src., spr.; sys., grav.; pres., 90 lbs.

ST. LAMBERT, p. 896; f. area, 35 a.; merc. bldgs., bk. & wd., 2 to 3 stor.; priv., wd., 1½ to 2 stor.; wd. rfs. perm. in f. area; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 hose reel; hose, cot., rub. lined, gd., 900 ft.; val. equip., \$700; val. bldgs., \$1,000; vol.

Water Supply—Src., St. Lawrence Riv., ½ m. bus. cent.; sys. pump to stdp.; stdp. cap., 100,000 gals., dim. 35 x 25, mat. stl.; 2 pump. eng., cap. day 1,990,000 gals.; mains, c. i., 12½ m., 4 to 12 in. dia.; 126 hyd.; 136 v.; 6 met.; 793 serv.; pres., dom. 50 lbs., f. 125 lbs.; cons. day, 328,117 gals.; cost, \$100,000; cost mtce., \$10,000; wks. owned by town.

ST. PAUL, p. 2,305; f. area, 860 a.; merc. bldgs., stn., bk. & wd., 2 to 7 stor.; priv., stn., bk. & wd., 2½ stor.; wd. rfs. perm.; no fwks. & combt. ord.; causes of f. not inv. F. dept.—1 str., 1 hand eng., 4 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose reels, 3 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; f. al., bells; val. equip., \$7,500; val. bldgs., \$3,500; exp. dept., \$200; tot. mem., 26, pd. part time 24, pd. full time 2.

Water Supply—Src., lake, 5 m. bus. cent.; sys. pump to res.; mains, c. i., 14½ m., 4 to 10 in. dia.; 36 hyd.; 400 serv.; pipe, lead; pres., f. 90 to 110 lbs.; cost, \$40,600; cost mtce., \$800; wks. owned by city.

ST. SCHOLASTIQUE, p. 1,000; f. area, 170 a.; bldgs., wd., bk. & stn., 2 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—8 hand eng., 2 h. & 1 trk., 2 hose wag.; hose, rub., gd., 1,000 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$300; tot. mem., 100 vol.

Water Supply—Src., wells & riv.

SHAWINIGAN FALLS, p. 4,265; f. area, 25 a.; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 comb. c. & h. wag., 12 c. hand ex., 1 h. & 1 trk., 2 hose wag., 2 hose car., 4 hrs.; hose, rub. lined, gd., 5,500 ft.; f. al., Gamewell, 50 bx.; val. equip., \$14,000; val. bldgs., \$35,000; exp. dept., \$4,000; tot. mem., 21, pd. full time 7, pd. part time 14.

Water Supply—Src., St. Mannix riv., ½ m. bus. cent.; sys., pump; res. cap., 30,000 gals.; 2 pump. eng., class dup., cap. day 1,500,000 gals.;

mains, 6 to 12 in. dia.; mat., c. i.; 45 hyd.; 40 v.; 700 serv.; pipe, c. i. & lead; pres., dom. 90 lbs.; f. 170 lbs.; cons. day, 800,000 gals.; cost, \$90,000; cost mtce., \$8,000; wks. owned by town.

SHAWVILLE, p. 800; f. area, 1,210 a. F. dept.—1 hand pump, 500 ft. hose; tot. mem., 75 vol.

Water Supply—Src., wells.

SHERBROOKE, p. 16,405; f. area, 1,280 a.; merc. bldgs., bk., 1 to 4 stor.; priv., wd., 2 stor.; wd. rfs. not perm.; fwks. & combt. ord.; causes of f. inv. F. dept.—2 str., 1 c. eng., 14 c. hand ex., 4 h. & 1 trk., 4 hose wag., 2 hose reels, 16 hrs.; hose, cot., rub. lined, gd., 6,000 ft.; rub., gd., 900 ft.; inf., 1,200 ft.; tot. hose, 8,100 ft.; f. al., bell & elec., 107 bx.; val. equip., \$20,000; val. bldgs., \$35,000; exp. dept., \$2,766; tot. mem., 23, pd. full time; undra. rating, first class.

Water Supply—Src., Magog riv., 3½ m. bus. cent.; sys., pump to res.; 4 pump. eng., class trip, cap. day, 4,500,000 gals.; mains, c. i., 29 m., 2 to 24 in. dia.; 199 hyd.; 286 v.; met., 60; 2,000 serv.; pipe, lead & iron; pres., dom. & f., 40 to 185 lbs.; cons. day, 2,250,000 gals.; cost, \$430,000; cost mtce., \$15,000; wks. owned by city.

SOREL, p. 8,420; f. area, 20 a.; bldgs., str., wd. & bk., 2 to 4 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 str., 1 h. & 1 trk., 4 c. hand ex., 1 hose wag., 3 hose reels, 4 hrs.; hose, cot., rub. lined, gd., 3,000 ft.; inf., 2,000 ft.; tot. hose, 5,000 ft.; f. al., telp.; val. equip., \$12,984; val. bldgs., \$11,600; exp. dept., \$1,800; tot. mem., 24, pd. full time 10, pd. part time 2, vol. 12.

Water Supply—Src., riv.; sys., pump to tk. & dir.; tk. cap., 100,000 gals.; pump. eng., cap. day, 2,000,000 gals.; mains, c. & wrt. l., 12 m., 1½ to 8 in. dia.; 65 hyd.; 3,300 serv.; pipe, lead; pres., dom. 60 lbs., f. 120 lbs.; cost, \$120,000; cost mtce., \$4,000; wks. owned by town.

SUTTON, p. 1,200; f. area, 750 a.; merc. bldgs., bk. & wd., 2 stor.; priv., wd., 2 stor. F. dept.—1 h. & 1 trk., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. bldgs., \$18,000.

Water Supply—Src., brook, 3 m. bus. cent.; sys., grav.; res. cap., 300,000 gals.; mains, iron, 6 m., 4 to 10 in. dia.; 40 hyd.; 200 serv.; cost, \$20,000; cost mtce., \$100; wks. owned by municipality.

TADOUSAC, p. 770; f. area, 1 sq. m.; merc. bldgs., wd. F. dept.—1 hose wag.; hose, cot., rub. lined, gd., 400 ft.; rub., gd., 200 ft.; tot. hose, 600 ft.; val. equip., \$350; val. bldgs., \$80; vol.

Water Supply—Lake, 1 m. bus. cent.; sys., grav.; res. cap., 28,000 gals.; mains, c. i., 2 m., 2 to 5 in. dia.; 6 hyd.; 125 serv.; pipe, galv. l.; pres., dom. 180 lbs., f. 280 lbs.; cons. day, 15,000 gals.; cost, \$18,000; cost mtce., \$500; wks. owned by village.

TERREBONNE, p. 1,990; merc. bldgs., wd. & bk., 2 stor.; priv., wd., 1 stor.; wd. rfs. perm.; no fwks. ord. F. dept.—1 c. eng., 12 c. ex., 1 h. & 1 trk., 3 hose car., all kinds, 1 hose wag.; hose, rub., gd., 100 ft.; cot., gd., 400 ft.; linen, gd., 2,000 ft.; tot. hose, 2,500 ft.; 1 hrs.; val. equip., \$3,000; exp. dept., \$500; tot. mem., 10, pd. part time 8.

Water Supply—Src., spr.; sys., grav.; cap. res., 250,000 gals.; mains, 15 m., 1½ to 3½ in. dia.; 350 serv.; cost, \$30,000; cost mtce., \$530; wks. owned by city.

THREE RIVERS, p. 14,441; f. area, 800 a.; merc. bldgs., str. & bk., 2 to 4 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwk. & combt. ord.; causes of f. inv. F. dept.—12 c. hand ex., 5 hose car., 8 hrs.; hose, linen, rub. lined, gd., 5,400 ft.; unlined, 1,000 ft.; tot. hose, 6,400 ft.; f. al., Gamewell, 84 bx.; val. equip., \$17,600; val. bldgs., \$22,000; exp. dept., \$15,000; tot.

mem. 22, pd. full time; undra. rating, fourth class.

Water Supply—Src., well points & St. Maurice riv., 1 m. bus. cent.; sys., pump dir. to mains; 4 pump. eng., cap. day, 8,500,000 gals.; mains, c. i., 18½ m., 4 to 12 in. dia.; 189 hyd.; 108 v.; 2,300 serv.; pipe, lead; pres., dom. 100 lbs., f. 180 lbs.; cons. day, 2,000,000 gals.; cost, \$295,000; cost mtce., \$17,000; wks. owned by city.

VALLEYFIELD, p. 9,447; f. area, 4 m. sq.; merc. bldgs., str. & bk., 2 & 3 stor.; priv., str., bk. & wd.; wd. rfs. perm.; fwks. ord. F. dept.—1 str., 1 h. & 1 trk., 4 c. ex., 2 hose car., 2 hose wag., 4 hrs.; hose, cot., gd., 4,000 ft.; inf., 300 ft.; tot. hose, 4,200 ft.; f. al., bell & telp.; val. equip., \$18,900; val. bldgs., \$10,000; exp. dept., \$8,425; tot. mem., 10, for f. & police duty, pd. full time; undra. rating, third class.

Water Supply—Src., riv.; sys., pump dir.; pump. eng., cap. day, 2,250,000 gals.; mains, c. i., 13 m., 4 to 12 in. dia.; 105 hyd.; 84 v.; 1 met.; 1,700 serv.; pres., f. 100 lbs.; cost, \$160,000; cost mtce., \$1,500; wks. owned by city.

VAUDREUIL, p. 1,200; bldgs., wd., 1½ stor.; wd. rfs. perm. F. dept.—1 hand eng., 1 hose car., ladders; hose, cot., gd., 5,000 ft.; leather, gd., 75 ft.; tot. hose, 5,075 ft.; f. al., bell; undra. rating, fifth class.

Water Supply—Src., wells; sys., dir.; 1 res.; 4 hyd.; pres., 40 lbs.

VERDUN, F. dept.—Not reported.

Water Supply—Src., St. Lawrence riv., 1 m. bus. cent.; sys., pump; 2 pump. eng., class trip, cap. day, 2,000,000 gals.; mains, c. i., 12 m., 4 to 10 in. dia.; 160 hyd.; 250 v.; met., 10; 3,000 serv.; pipe, lead; pres., dom. 50 lbs., f. 120 lbs.; cons. day, 700,000 gals.; cost, \$295,000; cost mtce., \$5,000; wks. owned by city.

VICTORIAVILLE, p. 4,000; f. area, 7,000 a. F. dept.—comb. hose & ladder wag., 2 hrs., 4,000 ft. hose; tot. mem., 8 vol.

Water Supply—Src., riv.; pump cap. day, 96,000 gals.

WARWICK, p. 1,000; f. area, 800 a.; merc. bldgs., wd., 1½ stor. F. dept.—1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 800 ft.; val. equip., \$500; tot. mem., 5, pd. part time.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; res. cap., 90,000 gals., loc. on hill; mains, iron, 2½ m., 4 to 6 in. dia.; 11 hyd.; 160 serv.; pipe, iron; pres., dom. 80 lbs., f. 80 lbs.; cost mtce., \$11,900; wks. owned by municipality.

WATERLOO, p. 1,886; f. area, 2 sq. m.; merc. bldgs., bk. & str., 2 & 3 stor.; priv., bk. & wd., 1 to 3 stor.; wd. rfs. perm.; fwks. ord. F. dept.—8 c. hand ex., 1 h. & 1 trk., 3 hose car.; hose, cot., rub. lined, gd., 2,200 ft.; f. al., bell; val. equip., \$2,000; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 30 vol.; undra. rating, fourth class.

Water Supply—Src., spr., ½ m. bus. cent.; sys., grav. & pump to res.; 1 pump. eng.; mains, c. i., 8 m., 4 to 10 in. dia.; 86 hyd.; 12 v.; 6 met.; pipe, lead; pres., dom. & f. 65 lbs.; cost, \$40,000; cost mtce., \$300; wks. owned by town.

WESTMONT, p. 17,000; f. area, 964 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., bk. & wd., 2 to 5 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. comb. c. & h. wag., 8 hose wag., 2 h. & 1 trk., 12 hrs.; hose, cot., rub., gd., 6,200 ft.; f. al., Gamewell, 87 bx.; val. equip., \$26,390; val. bldgs., \$60,000; exp. dept., \$33,266; tot. mem., 82, pd. full time; undra. rating, first class.

Water Supply—Not reported.

Places with a population of 1,000 or more having no organized fire dept.—Bedd-Berthier, Ouellet, Labelle, St. Anne De La Pocatière.

SASKATCHEWAN

ABERDEEN, p. 300; merc. bldgs. wd. F. dept.—1 gas. eng., 20 hand ex.
Water Supply—Src., wells; stdp. cap., 40,000 gals.

ABERNETHY, p. 300; f. area, 80 a. F. dept.—2 c. eng., 200 ft. hose.
No waterwks.

ALAMEDA, p. 450; f. area, 640 a.; merc. bldgs. bk. & wd., 1 to 4 stor.; priv. wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose reel, 1 hand eng., buckets, axes, &c.

Water Supply—Src., wells, in bus. cent.; sys., pump dir.

ARDANAC, p. 200. F. dept.—12 c. hand ex.; vol.

Water Supply—Src., wells.

ASQUITH, p. 350; merc. bldgs. wd., 1 stor.; priv. wd., 2 stor.; wd. ris. perm. in f. area. F. dept.—1 c. eng., 1 gas. eng., 1 hose wag.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$5,000; val. bldgs., \$3,000; exp. dept., \$200.

Water Supply—Src., wells.

BALCARRES, p. 400; f. area, 200 a. F. dept.—24 ex., tank, hand pump, buckets.

Water Supply—Src., wells.

BIGGER, p. 1,416; f. area, 3,840 a. F. dept.—1 c. eng.; tot. mem., 12 vol.

Water Supply—Src., wells.

BOUNTY, p. 200; f. area, 480 a. F. dept.—1 gas. eng., ladders, 600 ft. hose; tot. mem., 11, 1 pd. man, 10 vol.

No waterwks.

BROADVIEW, p. 1,000; f. area, 480 a.; merc. bldgs. bk., stn. & wd., 1 & 2 stor.; priv. bk. & wd., 2 stor.; wd. ris. perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 2 hose reels, 12 c. hand ex., 1 aer. trk.; hose, cot., rub. lined, gd., 1,000 ft.; inf., 500 ft.; tot. hose, 1,500 ft.; f. al., bell; val. equip., \$1,500; exp. dept., \$800; tot. mem. 13, pd. full time 1, vol. 12.

Water Supply—Src., lake, 1 m. bus. cent.; sys., pump dir.; mains, wd., 1 m.; 8 hyd.

BRODERICK, p. 250; f. area, 160 a.; merc. bldgs. wd., 1 & 2 stor.; priv., 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord. F. dept.—3 c. eng., 24 c. hand ex., 1 hose wag., 1 hose reel; hose, cot., rub. lined, gd., 200 ft.; f. al., bell; val. equip., \$900; val. bldgs., \$600; exp. dept., \$200; 15 vol.

Water Supply—Src., wells, in bus. cent.; sys., res. cap., 200 bbls.

BROWNLEE, p. 213; f. area, 60 a. F. dept.—1 gas. eng., 1,000 ft. hose; tot. mem., 8 vol.

Water Supply—Src., wells; pump cap., 25,000 gals.

BUCHANAN, p. 300; f. area, 320 a. F. dept.—2 chemicals, 300 ft. hose; tot. mem., 20 vol.

No waterwks.

CANORA, p. 1,100; f. area, 720 a.; merc. bldgs. bk. & wd., 1 & 3 stor.; priv., bk. & wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & hose wag., 2 hose reels; hose, cot., rub. lined, gd., 2,500 ft.; inf., 500 ft.; tot. hose, 3,000 ft.; f. al., wh.; val. equip., \$11,000; tot. mem., 22 vol.

Water Supply—Src., spr., 2½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 150,000 gals., dim. 20 x 80, mat. stil.; res. cap., 30,000 gals.; 1 pump. eng., cap. day 100,000 gals.; mains, c. l., 2½ m., 8 in. dia.; 12 hyd.; cost, \$100,000; wks. owned by town.

CARIEVALE, p. 300; f. area, 480 a. F. dept.—1 c. eng., 1 hand pump, 1,000 ft. hose.

Water Supply—Src., wells.

CARNDUFF, p. 600; merc. bldgs. wd., 2 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 25 c. hand ex., 1 hose reel, 1 hand pump, ladders, &c.; hose, cot., 225 ft.; rub., gd., 200 ft.; tot. hose, 425 ft.; f. al., bell; val. equip.,

\$1,500; val. bldgs., \$2,000; exp. dept., \$65; tot. mem., 25 vol.

Water Supply—Src., wells.

CARYLE, p. 500; merc. bldgs. bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. ris. not perm. in f. area; causes of f. inv. F. dept.—1 h. & l. trk., 1 c. eng., 2 hose wag., 2 hose reels; hose, rub., gd., 1,000 ft.; f. al., bell & tarp.; val. equip., \$2,000; val. bldgs., \$1,000; tot. mem., 20 vol.

Water Supply—Src., wells 2,400 ft. bus. cent.; res. cap., 12,000 gals.; 1 pump. eng., cap. min. 300 gals.; mains, 5,000 ft., 6 in. dia.; 8 hyd.; pres., dom. 65 lbs., f. 85 lbs.; cost, \$15,000; wks. owned by city.

COLGATE, p. 175. F. dept.—1 c. eng.; tot. mem., 12 vol.

Water Supply—Src., wells.

DANA, p. 100. F. dept.—1 c. eng., 3 vol.

Water Supply—Src., well & tk., cap. 5,000 gals.

DAVIDSON, p. 600; f. area, 400 a.; merc. bldgs. bk. & wd., 1 to 3 stor.; priv., wd., 2 stor. F. dept.—1 gas. eng., 1 h. & l. trk., 1 hose reel; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$5,000; tot. mem., 26 vol.

Water Supply—Src., wells in bus. cent.; 8 res., cap. 15,000 gals. each; 20 hyd.

DELISLE, p. 564. F. dept.—1 c. eng., 1 gas. eng., 1 force pump, 250 ft. hose; tot. mem., 1 pd.

No waterwks.

DUCK LAKE, p. 580; f. area, 240 a.; merc. bldgs. wd., 2 stor. F. dept.—1 c. eng., 20 c. hand ex., 100 ft. hose; f. al., bell; tot. mem., 18 vol.

Water Supply—Src., wells.

ESKERHAZY, p. 504; f. area, 640 a.; merc. bldgs. wd., 1 to 4 stor.; priv., wd., 2 stor. F. dept.—1 h. & l. trk., 100 c. hand ex., 1 hose wag.; hose, cot., rub. lined, gd., 250 ft.; f. al., bell; val. equip., \$1,800; val. bldgs., \$1,000; tot. mem. 26, pd. full time 1, vol. 25.

Water Supply—Src., wells & cisterns; res. cap., 100 bbls.

ESTEVAN, p. 1,891; f. area, 800 a.; merc. bldgs. bk., stn. & wd., 1 & 2 stor.; priv., bk., stn. & wd., 1½ & 2 stor.; wd. ris. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 8 c. hand ex., 1 c. eng., 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell & tarp.; val. equip., \$9,000; val. bldgs., \$5,000; vol.

Water Supply—Src., Souris River, 1½ m. bus. cent.; sys., grav.; stdp. cap., 100,000 gals.; dim., 80 x 16 ft.; mat., stil.; 3 pump. eng., cap. day, 1,150,000 gals.; mains, c. l., 4 m., 6 to 10 in. dia.; 30 hyd.; 22 v.; 20 met.; 40 serv.; pipe, galv. i. & lead.; pres., dom. 37 lbs., f. 100 to 180 lbs.; cons. day, 25,000 gals.; cost, \$100,000; cost mtce., \$2,500; wks. owned by city.

EYEBROW, p. 250; merc. bldgs. wd. F. dept.—2 c. eng.; vol.

Water Supply—Src., wells.

FLEMING, p. 300; f. area, 640 a.; merc. bldgs. wd., 2 stor. F. dept.—10 c. hand ex., 5 palls.

Water Supply—Not reported.

FORM LAKE, p. 200; merc. bldgs. wd. F. dept.—1 c. eng., 150 ft. hose; 12 vol.

Water Supply—Src., wells.

FRANCIS, p. 263; f. area, 3 blocks; merc. bldgs. bk. & wd., 1 & 2 stor.; priv., bk. & wd., 1 & 2 stor.; wd. ris. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose reel, 2 h. & 8 l., 12 c. hand ex.; hose, cot., rub. lined, gd., 500 ft.

Water Supply—Src., spr., 2 m. bus. cent.; sys., grav.; mains, wd. & iron, 8 m.; 9 hyd.; 9 v.; pipe, wd. & iron; pres., dom. 25 lbs., f. 25 lbs.; cons. day, 25,000 gals.; cost, \$23,000; cost mtce., \$1,500; wks. owned by city.

GAINSBORO, p. 300; merc. bldgs. wd., 1 & 2 stor. F. dept.—2 c. eng.; val. equip., \$1,000; val. bldgs., \$700.

Water Supply—Src., wells & creek, near bus. cent.

GILL LAKE, p. 800; f. area, 320 a.; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1½ stor.; wd. rfa. perm. in f. area; F. dept.—1 hose reel; hose, cot., rub. lined, gd., 1,500 ft.; val. equip., \$4,000; val. bldgs., \$1,200.

Water Supply—Src., wells, 1,200 ft. bus. cent.; sys., pump dir.; res. cap., 500 bbls.

GLEN EWEN, p. 160; merc. bldgs., wd. F. dept.—c. hand ex.; vol.

Water Supply—Src., wells.

GUERNSEY, p. 300; f. area, 160 a. F. dept.—12 c. hand ex., 1 hose cart, 1,000 ft. hose; tot. mem., 18 vol.

Water Supply—Src., wells.

GULL LAKE, p. 1,200; f. area, 480 a. F. dept.—1 gas. eng., 1 c. eng., 1 ladder outfit, 2 hose reels; hose, cot., rub. lined, gd., 1,700 ft.; rub. gd., 200 ft.; tot. hose, 2,000 ft.; f. al., bell; val. equip., \$10,000; val. bldgs., \$1,200; exp. dept., \$1,000; tot. mem., 15 vol.

Water Supply—Src., wells.

HANLEY, p. 389; f. area, 20 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 1 & 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 comb. c. & h. wag., 15 c. hand ex., 1 h. & l. trk.; hose, rub., gd., 300 ft.; f. al., bell; val. equip., \$900; val. bldgs., \$2,500; tot. mem., 12 vol.

Water Supply—Src., 3 flowing wells.

HUMBOLAT, p. 1,200; merc. bldgs., wd. F. dept.—1 h. & l. trk., 1 gas. eng., 2 hose wag. 1, 500 ft. hose.

Water Supply—Src., wells.

INDIAN HEAD, p. 1,285; f. area, 640 a.; merc. bldgs., bk. & wd., 1 to 4 stor.; priv., bk. & wd., 2 to 3 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 hose wag., 2 hrs.; hose, cot., rub. lined, gd., 2,100 ft.; f. al., elec. & bell, 3 bx.; val. equip., \$4,500; val. bldgs., \$8,500; exp. dept., \$1,800; tot. mem., 16, pd. part time 2, vol. 14.

Water Supply—Src., spr., 9 m. bus. cent.; sys., grav.; stdp. cap., 70,000 gals.; 1 pump. eng., cap. 1,500 gals. min.; mains, iron, 5 m., 4 to 10 in. dia.; 46 hyd.; 192 serv.; pres., dom. 80 lbs., f. 125 lbs.; cost, \$112,000; cost mtee., \$1,600; wks. owned by city.

KINDERSLEY, p. 800; f. area, 640 a.; merc. bldgs., wd., 2 stor.; priv., wd., 2 stor. F. dept.—1 c. eng., 6 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hand eng., 280 ft. hose; f. al., bell; val. equip., \$3,500; val. bldgs., \$500; exp. dept., \$350; tot. mem., 40 vol.

Water Supply—Src., wells, 10 yards bus. cent.; sys., pump dir.; 1 pump. eng.

KINISTINO, p. 300; f. area, 160 a. F. dept.—1 c. eng., hose.

Water Supply—Src., well.

LANG, p. 325. F. dept.—2 c. eng.; tot. mem., 12 vol.

Water Supply—Src., well.

LANGHAM, p. 600; f. area, 100 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 to 3 stor. F. dept.—80 c. hand ex.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., bell; val. equip., \$3,500; val. bldgs., \$3,000; exp. dept., \$500; tot. mem., 12 vol.

Water Supply—Src., wells, in bus. cent.; sys., pump dir. & grav.; res. cap., 25,200 gals.

LANIGAN, p. 600; f. area, 1,280 a.; merc. bldgs., wd., 1 & 2 stor. F. dept.—2 c. eng., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,200 ft.; val. equip., \$1,500; exp. dept., \$200; tot. mem., 32 vol.

Water Supply—Src., well, in bus. cent.

LASHBURN, p. 350. F. dept.—1 c. eng., 1 hand eng., 330 ft. hose; tot. mem., 15 vol.

Water Supply—Src., wells.

LEMBERG, p. 600; f. area, 640 a. F. dept.—c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hand pumps, tanks, ladders, 600 ft. hose; f. al., bell; val. equip., \$2,800; val. bldgs., \$1,400; tot. mem., 19 vol.

Water Supply—Src., wells.

LLOYDMINSTER, p. 1,500; f. area, 1,520 a.; merc. bldgs., wd., 1 & 2 stor. F. dept.—2 c. eng., 24 c. hand ex., 1 h. & l. trk., 1 hose wag.; f.

al., bell; val. equip., \$1,800; val. bldgs., \$1,000; tot. mem., 12 vol.

Water Supply—Src., wells.

MACKLIN, p. 225; merc. bldgs., wd. F. dept.—1 gas. eng., 1,000 ft. hose.

Water Supply—Src., C. P. R. tk. & wells.

MAPLE CREEK, p. 1,596; f. area, 640 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., wd., 2 stor. F. dept.—2 c. eng., 6 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$3,800; val. bldgs., \$2,300; exp. dept., \$500; tot. mem., 30 vol.

Water Supply—Src., spr., 7 m. bus. cent.; sys., grav.; res. cap., 200,000 gals.; mains, wd., 8 m., 6 to 12 in. dia.; 30 hyd.; 300 serv.; pipe, iron; pres., dom. 60 lbs., f. 110 lbs.; cost, \$75,000; cost mtee., \$1,000; wks. owned by city.

MELFORT, p. 800; f. area, 880 a.; merc. bldgs., bk., wd. & conc., 1 to 3 stor.; priv., wd., 1½ stor. F. dept.—2 c. eng., 30 c. hand ex., 1 h. & l. trk., f. al., bell; val. equip., \$1,200; val. bldgs., \$325; tot. mem., 20 vol.

Water Supply—Src., wells.

MELVILLE, p. 2,000; f. area, 840 a.; merc. bldgs., wd., 1 to 3½ stor.; priv., wd., 2 stor.; wd. rfa. perm. in f. area; fwks. & combt. ord. F. dept.—1 c. eng., 2 hose reels, 1 gas. eng.; hose, cot., rub. lined, gd., 1,600 ft.; inf., 200 ft.; tot. hose, 1,800 ft.; f. al., bell; val. equip., \$6,000; val. bldgs., \$2,753; exp. dept., \$1,042; tot. mem., 16 vol.

Water Supply—Src., 3 res.

MIDALE, p. 300. F. dept.—1 c. eng.; tot. mem., 20 vol.

No waterwks.

MILESTONE, p. 500; f. area, 360 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1½ stor.; wd. rfa. not perm. in f. area; F. dept.—1 c. eng., 15 c. hand ex., 40 ft. rub. hose; f. al., wh.; val. equip., \$800; val. bldgs., \$400; exp. dept., \$50; tot. mem., 15 vol.

MOOSE JAW, p. 13,823; f. area, 3,200 a.; merc. bldgs., bk., 1 to 3 stor.; priv., bk. & wd., 1 & 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 h. & l. trk., 1 comb. c. & h. wag., 6 c. hand ex., 1 c. eng., 1 hose wag., 2 hose reels, 6 hrs.; hose, cot., rub. lined, gd., 4,400 ft.; f. al., elec., 27 bx.; val. equip., \$16,000; val. bldgs., \$27,000; exp.

dept., \$10,000; tot. mem., 24, pd. full time 12, vol. 12.

Water Supply—Src., Snowy spr.; cap., 450,000 gals., 9 m. bus. cent.; sys., grav. & pump dir.; res. cap., 90,000 gals.; 6 pump. eng., cap. 2,550 gals. min.; mains, iron, 21 m., 4 to 12 in. dia.; 100 hyd.; 800 serv.; pres., dom. 30 lbs., f. 120 lbs.; cons. day, 200,000 gals.; wks. owned by city.

MOOSOMIN, p. 1,143; f. area, 100 a.; merc. bldgs., stn. & bk., 2 & 3 stor.; priv., stn. & wd., 1½ & 2 stor.; wd. rfa. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 25 c. hand ex., 2 hose reels, 1 h. & l. trk.; hose, cot., rub. lined, gd., 1,200 ft.; inf., 100 ft.; tot. hose, 1,300 ft.; f. al., bell; val. equip., \$1,200; val. bldgs., \$460; exp. dept., \$50; tot. mem., 20 vol.

Water Supply—Src., well, in bus. cent.; sys., pump to stdp.; stdp. cap., 100,000 gals.; 1 pump. eng.; mains, iron, 1 m., 6 to 8 in. dia.; 15 hyd.; pres., dom. 60 lbs., f. 125 lbs.; wks. owned by town.

NOKOMIS, p. 800; merc. bldgs., wd.; priv., wd. F. dept.—2 c. eng.; vol.

Water Supply—Src., along.

NO. BATTLEFORD, p. 2,105; f. area, 1,876 a.; merc. bldgs., wd., 1 to 3 stor.; priv. bldgs., wd., 2 stor.; fwks. & combt. ord.; wd. rfa. not perm. in f. area; causes of f. inv. F. dept.—1 c. eng., 8 c. hand ex., 1 h. & l. trk., 1 hose wag., 2 hose reels, 6 hrs.; hose, cot., rub. lined, gd., 1,000 ft.; f. al., Gamewell, 17 bx.; val. equip., \$5,000; val. bldgs., \$4,000; exp. dept., \$750; tot. mem., 25, pd. full time 1, pd. part time 3, vol. 21.

Water Supply—Src., North Saskatchewan Riv., 1½ m. bus. cent.; sys., pump to stdp.; stdp. cap., 156,000 imp. gals.; dim., 20 x 80 ft.; mat., boiler plate; res. cap., 350,000 imp. gals.; 3 pump. eng., class trip, cap. day, 850,000 imp. gals.; mains, c. i. & stl., 7½ m., 6 to 12 in. dia.; 100 hyd.; met., 223; 260 serv.; pipe, galv. i.; pres., dom. 60 lbs.

f. 125 lbs.; cons. day, 87,000 gals.; cost, \$165,000; wks. owned by city.

OUTLOOK, p. 685; f. area, 800 a.; merc. bldgs., wd., 2 stor.; wd. rfs. perm. in f. area; causes of f. env. F. dept.—2 c. eng. with ladders, 2 hose reels; hose, cot., rub. lined, gd., 1,000 ft.; f. al., telp. & bell; val. equip., \$2,500; val. bldgs., \$3,000; exp. dept., \$200; tot. mem., 18 vol.

Water Supply—Src., Saskatchewan riv., 4,000 ft. bus. cent.; sys., dir. pump to res.; res. cap., 30,000 gals.; 2 pump. eng., cap. day 340,000 gals.; mains, c. i., 1 m., 1 to 6 in. dia.; 7 hyd.; 14 v.; pipe, galv. i.; pres., dom. 30 to 50 lbs., f. 100 to 125 lbs.; cost, \$28,000; wks. owned by city.

OXBOW, p. 830; f. area, 400 a. F. dept.—1 c. eng.; tot. mem., 18 vol.

Water Supply—Src., well.

PRINCE ALBERT, p. 6254; f. area, 1,800 a.; merc. bldgs., wd. & bk., 1 & 2 stor.; priv., wd. & bk., 3 stor.; wd. rfs. not perm.; no fwks. & combt. ord. F. dept.—1 auto. pump. eng., 1 auto. hose wag., 6 c. hand ex., 1 h. & l. trk., 2 c. eng., 1 hose wag., 4 hrs.; hose, cot., rub. lined, gd., 5,000 ft.; rub. gd., 200 ft.; tot. hose, 5,300 ft.; f. al., elec., 19 bx.; val. equip., \$35,000; val. bldgs., \$30,000; exp. dept., \$27,460; tot. mem., 21, pd. full time 15, vol. 6.

Water Supply—Src., riv. pump by dup.; pump cap., 1,000,000 gals.; auxiliary pump, class centrif., cap. 500,000 gals. to stdp., 400 ft., cap. 160,000 gals., 20 x 80 in. dia.; pres., dom. 87 lbs., f. 150 lbs.

QUILL LAKE, p. 300. F. dept.—2 c. eng.; 15 vol.

Water Supply—Src., wells.

RADVILLE, p. 650; f. area, 480 a. F. dept.—hand eng.; tot. mem., 20 vol.

Water Supply—Src., riv.

REGINA, p. 80,218; f. area, 8,640 a.; merc. bldgs., bk. & conc., 2 to 10 stor.; priv., wd. & bk., 2 to 3 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 str., 1 c. eng., 12 c. hand ex., 2 h. & l. trk., 1 auto. aer. h. & l. trk., 3 auto. comb. c. & h. wag., 1 auto. pump & hose wag., 2 comb. c. & h. wag., 2 hose wag., 11 hrs.; hose, cot., rub. lined, gd., 10,000 ft.; f. al., Gamewell, 47 bx.; val. equip., \$52,000; val. bldgs., \$70,000; exp. dept., \$56,000; tot. mem., 42, pd. full time.

Water Supply—Src., spr., 8 m. bus. cent.; sys., grav. & pump; res. cap., 10,000,000 gals.; 2 pump. eng., cap. day 2,000,000 gals.; mains, c. i., 30 m., 8 to 12 in. dia.; 169 hyd.; 2,200 serv.; pipe, lead; pres., dom. 35 lbs., f. 100 lbs.; cost, \$600,000; cost mtce., \$10,000; wks. owned by city.

ROALEAU, p. 1,500; f. area, 220 a.; merc. bldgs., bk. & wd., 1½ stor.; priv., wd.; wd. rfs. perm. in f. area; fwks. & combt. ord. F. dept.—1 c. eng., 12 c. hand ex., 1 h. & l. trk., 1 hose reel, 1 hose wag., 1 hand eng.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$1,500; val. bldgs., \$500; tot. mem., 14 vol.

Water Supply—Src., wells, 4 blocks bus. cent.

ROSTERN, p. 1,200; f. area, 800 a.; merc. bldgs., bk. & wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. ord. F. dept.—1 c. eng., 25 c. hand ex.; f. al., telp.; val. equip., \$1,000; val. bldgs., \$2,200; tot. mem., 12 vol.

Water Supply—Src., wells.

ROULEAU, p. 700. F. dept.—1 c. eng., 2 hose reels, 1,150 ft. hose, 2 hrs.; tot. mem., 18 vol.

Water Supply—Src., wells; pump cap. day, 9,840 gals.; pres., 100 lbs.

SASKATOON, p. 12,004; f. area, 2½ m.; merc. bldgs., bk., 1 to 10 stor.; priv., bk. & wd., 1 to 4 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 auto. pump. eng., 2 auto. comb. c. & h. wag., 1 auto. city service trk., 1 chief's auto., 1 str., 2 comb. c. & h. wag., 12 c. hand ex., 1 h. & l. trk., 1 aer. trk., 1 hose wag., 13 hrs.; hose, cot., rub. lined, gd., 8,000 ft.; f. al., telp. & non-interfering bx., 41 bx.; val. equip., \$62,000; val. bldgs., \$75,000; exp. dept., \$56,000; tot. mem., 40, pd. full time.

Water Supply—Src., South Saskatchewan riv., 1 m. bus. cent.; sys., pump to stdp.; 2 stdp., comb. cap. 375,000 gals.; dim., 20 x 85 ft.; mat., stl.; 2 pump. eng., class comp. dup. & centrif., cap. day 5,500,000 gals.; mains, c. i., 34.4 m., 6 to 16

n. dia.; 348 hyd.; 1,800 met.; 2,165 serv.; pipe, c. i.; pres., dom. 70 lbs., f. 130 lbs.; cons. day, 2,200,000 gals.; cost, \$40,000; cost mtce., \$20,000; wks. owned by city.

SINTALUTA, p. 500; f. area, 640 a.; merc. bldgs., bk. & stn., 1 & 2 stor.; priv., bk. & stn., 2 stor.; wd. rfs. perm. in f. area F. dept.—1 hand eng.; hose, cot., rub. lined, gd., 1,000 ft.; val. equip., \$300.

Water Supply—Src., wells, 1 block bus. cent.; sys., pump dir.; res. cap., 3,000 gals.

STOUGHTON, p. 400; f. area, 240 a. F. dept.—1 gas. eng., extension ladders, 1,000 ft. hose; tot. mem., 25 vol.

Water Supply—Src., wells.

SWIFT CURRENT, p. 3,500; f. area, 12 blocks; merc. bldgs., bk., stn. & wd., 1 to 3 stor.; priv., bk., stn. & wd., 1 & 2 stor.; wd. rfs. not perm. in f. area; no fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. eng., 2 c. hand ex., 1 hose wag., 2 hose reels, ladders, 2 hrs.; hose, cot., rub. lined, gd., 1,500 ft.; f. al., telp.; val. equip., \$5,000; val. bldgs., \$5,000; exp. dept., \$250; tot. mem., 16 vol.; undra. rating, fourth class.

Water Supply—Not reported.

TUGASKE, p. 350; f. area, 160 a. F. dept.—1 gas. eng., 1,500 ft. hose; tot. mem., 26, 1 pd., 25 vol.

Water Supply—Src., wells.

UNITY, p. 250. F. dept.—1 hose reel, 1 gas. eng., 2 ladders, 1,000 ft. hose; tot. mem., 16 vol.

Water Supply—Src., well, in bus. cent.; sys., pump dir.; res. cap., 30,000 gals.; 1 pump. eng., cap. day 45,000 gals.; cost, \$5,000; cost mtce., \$350; wks. owned by town.

VICEROY, p. 400; f. area, 240 a. F. dept.—1 gas. eng., 100 ft. hose; tot. mem., 20 vol.

Water Supply—Src., wells.

VONDA, p. 450; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 & 2 stor. F. dept.—1 c. eng., 1 h. reel, 2 ladders, 100 ft. rub. hose; tot. mem., 16 vol.

Water Supply—Src., spr., 1½ m. bus. cent.

WADENA, p. 600; f. area, 2,860 a. F. dept.—2 c. eng., 2 extension ladders, tanks, 150 ft. hose; tot. mem., 20 vol.

Water Supply—Src., wells.

WATROUS, p. 1,000; f. area, 320 a.; merc. bldgs., conc. & wd., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—1 c. hand ex., 1 h. & l. trk., 2 hose reels; hose, rub. gd., 2,000 ft.; f. al., bell; val. equip., \$5,143; val. bldgs., \$6,000; exp. dept., \$25; tot. mem., 20 vol.

WATSON, p. 300; f. area, 480 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 1 & 2 stor. F. dept.—1 hose reel, 1 hand eng., 600 ft. rub. hose; f. al., bell; val. equip., \$400; val. bldgs., \$200; tot. mem., 20 vol.

WAXELLA, p. 600; f. area, 640 a.; merc. bldgs., stn. & bk., 2 stor.; priv., wd., 2 stor.; wd. rfs. perm. in f. area. F. dept.—1 c. eng., 20 c. hand ex., 100 ft. rub. hose; f. al., bell; val. equip., \$1,000; val. bldgs., \$10,000; tot. mem., 12 vol.

Water Supply—Src., wells, in bus. cent.

WEYBURN, p. 8,500; f. area, 1,280 a.; merc. bldgs., wd., 1 to 3 stor.; priv., wd., 2 stor.; wd. rfs. not perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 hose reels; hose, cot., rub. lined, 1,500 ft.; 20 vol.

Water Supply—Src., wells, 1 m. bus. cent.; sys., pump dir.; res. cap., 160,000 gals.; 2 pump. eng., class hor. dup., cap. day 430,000 gals. each; mains, c. i., 4 m., 4 to 8 in. dia.; 53 hyd.; 105 serv.; pres., dom. 60 lbs., f. 110 lbs.; cons. day, 40,000 gals.; cost, \$15,000; wks. owned by city.

WILCOX, p. 250. F. dept.—2 c. eng.

Water Supply—Src., wells.

WILKIE, p. 500; merc. bldgs., wd., 1 & 2 stor.; priv., wd., 1 stor. F. dept.—1 c. eng., 25 c. hand ex., 1 h. & l. trk., 1 hr.; hose, cot., rub. lined, gd., 1,000 ft.; rub. gd., 100 ft.; tot. hose, 1,100 ft.; val. equip., \$2,100; val. bldgs., \$3,000; exp. dept., \$800; tot. mem., 18 vol.

WOLSELEY, p. 1,200; f. area, 1,500 a.; merc. bldgs., bk., 1½ stor.; priv., bk. & wd., 1½ stor.; wd. rfs. not perm. in f. area; fwks. & combt.

ord. F. dept.—1 c. eng., 1 gas. eng., 24 c. hand ex., 1 h. & l. trk., 3 hose reels; hose, cot., rub. lined, gd., 1,500 ft.; f. al., bell; val. equip., \$6,000; exp. dept., \$60; tot. mem. 13, 12 vol.

Water Supply—Src., C. F. R., 1,000 ft. bus. cent.; sys., pump dir.; res. cap., 46,000 gals.

WYNWARD, p. 300; f. area, 400 a.; merc. bldgs., wd., 2 stor.; priv., wd., 1 & 2 stor.; wd. rfs. perm. in f. area; fwks. & combt. ord.; causes of f. inv. F. dept.—2 c. eng., 2 hose reels, 4 hrs.; hose, rub. lined, gd., 300 ft.; f. al., bell; val. equip., \$2,500; val. bldgs., \$2,000; exp. dept., \$500; tot. mem., 18 vol.

Water Supply—Src., wells.

YELLOW PASS, p. 600; merc. bldgs., wd., 1 & 2 stor.; priv., wd. F. dept.—2 c. eng., 1 hose reel, 600 ft. hose, c. ex; vol.

Water Supply—Src., well, $\frac{1}{4}$ m. bus. cent.; res. cap., 20,000 gals.; 1 pump. eng., cap. 330 gals. min.; mains, 3 in. dia.; 12 hyd.; pres., dom. 65 lbs., f. 65 lbs.

YORKTON, p. 2,309; f. area, 2,700 a.; merc. bldgs., bk., 2 to 3 stor.; priv., bk., stn. & wd., 1 to 3 stor.; wd. rfs. not perm. in f. area; fwks. &

combt. ord.; causes of f. inv. F. dept.—1 c. eng., 10 c. hand ex., 1 h. & l. trk., 4 hose reels, 2 hrs.; hose, cot., rub. lined, gd., 2,000 ft.; rub. gd., 1,000 ft.; tot. hose, 3,000 ft.; f. al., telp. & bell; val. equip., \$9,000; val. bldgs., \$10,000; exp. dept., \$2,000; tot. mem., 20, pd. full time 1, vol. 19.

Water Supply—Src., wells, $\frac{1}{4}$ m. bus. cent.; sys., pump. dir.; res. cap., 50,000 gals.; 2 pumps; mains, c. l., 8 $\frac{1}{2}$ m., 4 to 10 in. dia.; 67 hyd.; 320 met.; 320 serv.; pipe, galv. i.; pres., dom. 45 lbs., f. 65 to 100 lbs.; cons. day, 50,000 gals.; cost, \$90,000; cost mtce., \$2,500; wks. owned by city.

YOUNG, p. 200; f. area, 640 a. F. dept.—1 hand eng., ladders, hose.

Water Supply—Src., wells.

ZEALANDIA, p. 550; f. area, 160 a.; merc. bldgs., wd., 1 & 2 stor. F. dept.—2 c. eng., 12 c. hand ex.; hose, rub. gd., 300 ft.; val. equip., \$1,000; val. bldgs., \$3,000; exp. dept., \$1,000; tot. mem. 18, pd. full time 1, vol. 12.

Water Supply—Src., well, $\frac{1}{2}$ m. bus. cent.; sys., pump dir.; res. cap., 125 bbls.; 1 pump. eng., cap. day 32,000 gals.; cost, \$600; wks. owned by city.

YUKON TERRITORY

DAWSON, p. 3,000; f. area, 600 a. F. dept.—3 str., 1 h. & l. trk., 1 comb. c. & h. trk., 1 c. tank (120 gals.), 800 ft. c. hose, 7,500 ft. hose, 2 hrs.; tot. mem., 8 pd.

Water Supply—Src., riv.; pump cap. day, 3,960,000 gals.; pres., 75 lbs.

WHITEHORSE, p. 600; f. area, 160 a. F. dept.—1 f. pump, 3,000 ft. hose; tot. mem., 50 vol.

Water Supply—Src., riv.

ADDENDUM

NEW YORK

SHELTER ISLAND HEIGHTS, p. 1,075; f. area, 200 a. F. dept.—1 str., 3 hose reels, 1 h. & l. trk.; 2,000 ft. cot., rub. lined hose; exp. dept., \$550; tot. mem., 50 vol.

Water Supply—Src., tank & res.; sys., grav. & pump to tank; 30 hyd.; 150 serv.; pres., dom. & f., 45 to 85 lbs.; cost, \$75,000; cost mtce., \$7,500; wks. owned by Shelter Island Heights Fire Assn.

NEW YORK LIFE INSURANCE CO.

DARWIN P. KINGSLEY, President

Organized 1845

Purely Mutual

ISSUES PARTICIPATING POLICIES ONLY

Assets (market values) December 31, 1914 - \$ 790,935,395

Insurance in force Dec. 31, 1914 - - 2,347,098,388

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135 William Street,
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GERMANIA

FIRE INSURANCE COMPANY

NEW YORK

ORGANIZED 1859

Cash Capital	\$1,000,000.00
Assets	7,569,541.22
Net Surplus	2,772,229.01

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Summary of Statement December 31, 1914

Deposited with Insurance Departments and Trustees	\$6,853,643.28
Assets	8,344,957.76
Liabilities	6,045,623.96
Surplus to Policyholders	2,299,333.80

**WORKMEN'S COMPENSATION, LIABILITY, STEAM BOILER, ACCIDENT, HEALTH
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The Virginia Fire & Marine Insurance Company

OF RICHMOND, VA.

January 1, 1915

Capital.....	\$250,000.00
Premium Reserve.....	720,560.95
Reserve for Losses.....	89,756.51
Dividend Declared December 31, 1914...	15,000.00
State and City Taxes Accrued.....	12,500.00
Reserve for Reinsurance, etc.....	4,303.99
Net Surplus.....	668,198.07

Assets.....	\$1,761,019.52
Surplus to Policyholders.....	918,198.07

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ASSETS, - \$7,921,879.00
SURPLUS, - \$2,769,742.00

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44th ANNUAL STATEMENT

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The STANDARD Fire Insurance Co. OF NEW JERSEY

TRENTON

Cash Capital, \$200,000.00

Statement January 1st, 1915

Total Assets.....	\$1,659,490.21
Re-Insurance Reserve	\$344,867.48
Other Liabilities.....	48,839.11
Capital Stock.....	200,000.00
Total Liabilities (including Capital Stock)	\$93,726.59
Net Surplus	\$665,763.62
	\$1,659,490.21

Losses Paid since organization,
\$3,458,000.00



The Home Life Insurance Company of America

Incorporated 1899

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Fire Insurance Company

OF HARTFORD, CONN.

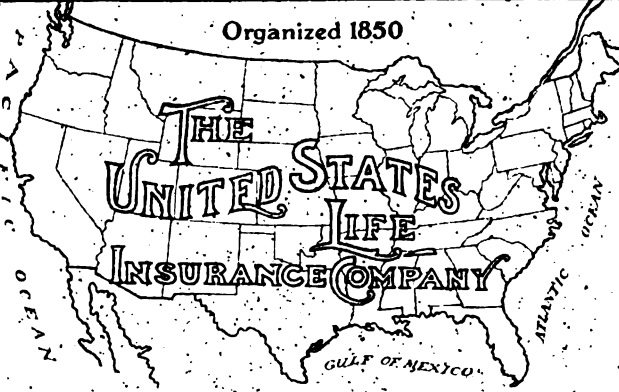
STATEMENT, JANUARY 1, 1915

Capital Stock	-	-	-	-	-	-	\$2,000,000.00
Reserve for Reinsurance	-	-	-	-	-	-	8,909,007.78
Reserve for Outstanding Losses	-	-	-	-	-	-	875,193.85
Reserve for Taxes and Other Expenses	-	-	-	-	-	-	275,000.00
All Other Liabilities	-	-	-	-	-	-	84,348.59
Contingent Reserve Fund	-	-	-	-	-	-	300,000.00
Net Surplus	-	-	-	-	-	-	3,606,175.22
							<u>\$16,049,725.44</u>
SURPLUS TO POLICYHOLDERS	-	-	-	-	-	-	\$5,906,175.22

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JESSE R. CLARK President
ALLAN WATERS . . . Supt. of Agents

THE GIRARD Fire and Marine Insurance Company

N. E. Corner
Chestnut and Seventh Streets
PHILADELPHIA

Capital	-	\$500,000.00
Assets	-	2,496,060.00
Surplus to Policyholders	-	857,156.00

British America Assurance Co.

INCORPORATED A. D. 1833

(Fire and Inland Marine Insurance)

HEAD OFFICE

TORONTO, CANADA

W. R. BROCK, President

W. B. MEIKLE, Vice-Pres. and Gen'l Manager

Assets in United States	\$1,843,885.14
Liabilities in United States	1,120,152.44
Net Surplus	\$723,432.70

THE Baltimore Life Insurance

COMPANY

HOME OFFICE
N. E. Corner Charles and Saratoga Streets
BALTIMORE, MD.

STATEMENT, DECEMBER 31, 1914

Cash Assets	\$2,895,861.72
Net Present Value of Policies	
and all other Liabilities	2,502,933.02
Additional Reserves	392,928.70

ISSUES

ORDINARY LIFE INSURANCE
INDUSTRIAL LIFE INSURANCE
ON APPROVED PLANS

F. S. STROBRIDGE, President
R. E. BROMWELL, Vice-President
W. O. MacGILL, Secretary
OSCAR WOLFF, Treasurer and Counsel
EDWARD PLUMMER, M. D., Medical Director

Gamewell Fire Alarm Telegraph Company

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Eight Navy Yards.
Panama Canal Zone—5 Systems.
Manila and Honolulu.
Philadelphia Mint.

Washington:

White House, Printing Office, Geological Survey, Dept. of Agriculture, National Museum, Smithsonian Institute.

NEW YORK OFFICE:

Suite 5708

Grand Central Terminal

The Pacific Mutual Life Insurance Co.

OF CALIFORNIA

1914

Cash Income - \$9,506,116.05
Assets - - - 32,604,612.25
New Business - 22,805,828.00
Business in Force 154,525,447.00
Capital and Surplus 3,989,845.57

ORGANIZED 1868

GEO. I. COCHRAN, - - President
GAIL B. JOHNSON, Vice-President
C. I. D. MOORE, - - Secretary

MILLERS NATIONAL INSURANCE CO.

CHICAGO, ILLINOIS

Surplus to Policyholders, \$1,213,987

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LOGUE BROS. & CO., Pittsburg, Pa., for Western Pennsylvania.

E. J. JOHNSON, 141 Milk St., Boston, Mass., State Agent for Massachusetts.

GEO. P. JOHNSON, Special Agent, Ohio, Michigan and Indiana. Ins. Exchange, Chicago, Ill.

HERBERT BUXTON, Manager New York suburban field and Connecticut, 92 William St., N. Y.

Other territory, address HOME OFFICE

INSURANCE EXCHANGE

175 W. Jackson Boulevard

CHICAGO, ILL.

THE GERMAN FIRE INSURANCE COMPANY of the City of Pittsburgh, Pa.

ORGANIZED MARCH 27, 1862

Capital - - - - - \$300,000
Assets January 1, 1915, - - 1,127,464.00
Surplus to Policyholders - - 470,955.00

OFFICERS

A. E. SUCCOP President
JOHN A. ECKERT . . . Vice-President
A. H. ECKERT, Secretary and Treasurer

Losses paid since organization, \$6,963,350.00

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By THOMAS J. HENDERSON

The Life Insurance Agent who wishes to improve himself in the art of salesmanship should read this book carefully.

The General Agent who aims to possess an efficient corps of salesmen should see that his men are supplied with this book.

The Company Manager who aims for perfection in his agency force will find this work a valuable adjunct.

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Insurance Exchange

135 William St.
NEW YORK

METROPOLITAN LIFE INSURANCE COMPANY

(INCORPORATED BY STATE OF NEW YORK.)

"The Company OF the People, BY the People, FOR the People"

SIGNIFICANT FACTS

This Company's Policy-claims paid in 1914 averaged in number one for every 46 seconds of each business day of 8 hours each, and, in amount, \$232.07 a minute the year through.

THE DAILY AVERAGE OF THE COMPANY'S BUSINESS DURING 1914:

626 PER DAY IN NUMBER OF CLAIMS PAID.

8,040 PER DAY IN NUMBER OF POLICIES ISSUED AND REVIVED.

\$1,700,728 PER DAY IN NEW INSURANCE ISSUED, REVIVED AND INCREASED.

\$308,784.00 PER DAY IN PAYMENTS TO POLICYHOLDERS AND ADDITION TO RESERVE.

\$161,826.87 PER DAY IN INCREASE OF ASSETS.

PROOF OF PUBLIC CONFIDENCE

This Company has more premium-paying business in force in the United States than any other Company, and in the last 20 years has had more New Insurances accepted and issued in America than any other Company.

The number of Policies in force is greater than that of any other Company in America, greater than all the Regular Life Insurance Companies combined (less one), and can only be appreciated by comparison. It is a number considerably in excess of the Combined Population of the twenty-one largest cities of the United States.

Paid Policyholders since Organization, plus Amount now	
invested for their Security - - - - -	\$941,468,416.08
Number of Policies in Force - - - - -	14,843,108.00
Amount of Outstanding Insurance - - - - -	\$2,991,114,069.00

In its Industrial Department policies are issued on all the insurable members of the family for weekly premiums.

Full particulars regarding the plans of the Metropolitan may be obtained at its Home Office or of its Agents in all the Principal Cities of the United States and Canada.

ORDINARY DEPARTMENT

INSURANCE IN FORCE, \$1,153,529,880

The Company issues policies for from \$1,000 to \$150,000 on individual lives, premiums payable quarterly, semi-annually or annually.

All policies are participating.

PREMIUMS ARE LOWER THAN ARE OFFERED BY ANY OTHER COMPANY

In the Intermediate Branch policies are adapted to the working classes. Each policy is for \$800 and the rate lower than that offered by the Savings Bank System of Massachusetts. Two of the Metropolitan's Intermediate forms standardized by the New York and Massachusetts Departments provide for attractive combinations of insurance and annuities at the lowest rates offered anywhere.

HOME OFFICE

1 MADISON AVENUE

NEW YORK CITY

Life Insurance Company of Virginia

(Incorporated as a Stock Company in 1871 by the State of Virginia)

Home Office Richmond, Va.



The OLDEST Southern Life Insurance Company
The LARGEST Southern Life Insurance Company
The STRONGEST Southern Life Insurance Company

J. G. WALKER, Pres.
 E. D. HARRIS, Comptroller
 A. C. McKENNEY, Sec'y

W. L. T. ROGERSON, Vice-Pres.
 A. S. HURT, Vice-Pres.
 B. H. WALKER, Asst. Sec'y

FOR THE YEAR ENDING DECEMBER 31, 1914

Total Admitted Assets	- - - - -	\$11,138,324.57
Total Liabilities	- - - - -	9,410,670.62
Capital Stock	- - - - -	\$500,000.00
Surplus	- - - - -	<u>1,227,653.95</u>
Surplus of Assets over Liabilities	- - - - -	1,727,653.95

STATEMENT OF OPERATIONS DURING 1914

Premium Income	- - - - -	\$3,601,510.40
Increase in Premium Income	- - - - -	252,954.74
Gross Income	- - - - -	4,171,696.87
Increase in Gross Income	- - - - -	329,626.53
Increase in Assets	- - - - -	1,392,050.70

Insurance in Force	- - - - -	\$99,256,046.00
Increase in Insurance in Force	- - - - -	4,587,954.00
Total Number of Policies in Force	- - - - -	651,234
Increase in Number of Policies in Force	- - - - -	13,261
Death Claims, etc., Paid to Policyholders	- - - - -	1,285,795.87

Total Payments to Policyholders since Organization - - - 15,423,983.48

Service to Policyholders

Its Watchword and Its Record

Now in its sixty-sixth year.

A policyholders' company. No stockholders.

Total insurance in force, more than
\$199,000,000.

Its policies the perfection of life insurance
service.

Operating in and supervised by thirty-six
states.

Net cost of insurance low.

Actuarial methods sound, conservative and
scientific.

List of assets and full information sent on
request.

Assets - - - - \$61,509,789.66

Liabilities - - - 58,348,431.36

Surplus - - - - \$ 3,161,358.30

National Life Insurance Co.

MONTPELIER, VERMONT

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Head Office
TORONTO, CANADA

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W. B. MEIKLE, Vice-Pres. and Gen'l Manager

Assets in United States . \$2,543,973.35
Liabilities in United States 1,467,625.60
Surplus \$1,076,347.75

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throughout Canada and the United States

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INSURANCE COMPANY
of New York

SUPERIOR POLICIES

KIMBALL C. ATWOOD, President,
80 Maiden Lane, New York

ORGANIZED 1859
SEMI-ANNUAL STATEMENT
July 1, 1915

The Georgia Home Insurance Co. OF COLUMBUS, GEORGIA

Cash Capital..... \$200,000.00
Assets..... 679,411.22
Net Surplus..... 122,494.93
SURPLUS TO POLICYHOLDERS.. 322,494.93

OFFICERS

RHODES BROWNE, President
DANA BLACKMAR, Vice-President
WM. C. COART, Secretary
H. L. MACEWEN, Treasurer

ASSETS

Cash in Banks and Office..... \$9,914.12
Agents' Balances..... 60,002.86
Bonds and Stocks..... 470,235.00
Real Estate (unencumbered)..... 60,000.00
Loans Secured by First Mortgages, etc. 70,832.99
Due from Re-Insurance Cos. for Losses
Paid..... 3,195.36
Accrued Interest..... 2,905.41
Cotton..... 2,325.48

Total Assets..... \$679,411.22

LIABILITIES

Capital Stock..... \$200,000.00
Re-Insurance Reserve..... 268,709.39
Unadjusted Losses..... 40,483.68
Reserve for Taxes and Expenses..... 6,000.00
Due for Re-Insurance..... 1,723.22
Bills Payable..... 40,000.00

Total Liabilities..... \$556,916.29

Net Surplus..... 122,494.93

\$679,411.22

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in the payment of claims
is a leading feature of the

Continental Beneficial Association

which provides many very
attractive benefits based on

Permanency

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Reserve for all other Liabilities	62,357.00
Net Surplus	706,316.00
Total Assets	\$4,585,075.00

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